



# THE QOG STANDARD DATASET 2021

## CODEBOOK

Scholars who wish to use this dataset in their research are kindly requested to cite both the original source (as stated in this codebook) and use the following citation:

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# 1 Introduction

## 1.1 The Quality of Government Institute

The QoG Institute was founded in 2004 by Professor Bo Rothstein and Professor Sören Holmberg. It is an independent research institute within the Department of Political Science at the University of Gothenburg. The institute conducts research on the causes, consequences and nature of Good Governance and the Quality of Government (QoG) - that is, trustworthy, reliable, impartial, uncorrupted, and competent government institutions.

The main objective of the research is to address the theoretical and empirical problems of how political institutions of high quality can be created and maintained. A second objective is to study the effects of Quality of Government on a number of policy areas, such as health, environment, social policy, and poverty. While Quality of Government is the common intellectual focal point of the research institute, a variety of theoretical and methodological perspectives are applied.

## 1.2 The QoG Data

One aim of the QoG Institute is to make comparative data on QoG and its correlates publicly available. To accomplish this, we have compiled several datasets that draw on a number of freely available data sources, including aggregated individual-level data. The QoG datasets are available in several file formats, making them usable in most statistical softwares as well as in Excel.

The QoG Standard Dataset is our largest dataset consisting of more than 2,000 variables. For those who prefer a smaller dataset, we provide the QoG Basic Dataset, consisting of approximately the 300 most used variables from the QoG Standard Dataset. We also provide a dataset called the QoG OECD Dataset which covers OECD member countries and has high data coverage in terms of geography and time.

The Standard, Basic, and OECD datasets are all available in both time-series (TS) and cross-sectional (CS) versions, as separate datasets. In the TS datasets, the unit of analysis is country-year (e.g. Sweden-1984, Sweden-1985 and so on). The CS datasets, unlike the TS datasets, do not include multiple years for a particular country, therefore, the unit of analysis is country. Although, many of the variables are available in both TS and CS, some variables are not, so it is advisable to use the codebook to see which variables are included. Each variable entry in this codebook specifies in which dataset you will find the variable.

The variables in the Standard, Basic, and OECD datasets are categorized in 19 thematic categories. This categorization should be seen as a guideline rather than a definite classification. Most variables belong only to one category, but some variables belong to more than one category.

On the QoG website, we also provide three additional datasets. The QoG Expert Survey (2015), the QoG EU Regional Dataset (2016 and 2020) and the QoG EQI Dataset (2010, 2013 and 2017). The QoG Expert Survey is a dataset based on a survey among experts on public administration around the world. The data is available in an individual dataset and an aggregated dataset. The QoG EU Regional dataset is a dataset consisting of approximately 450 variables covering three levels of European regions. The EQI dataset is based on a survey among 34,000 respondents and concerns corruption on a regional level within the EU (NUTS 2).

Previous versions of all our datasets are available in the Data Archive on the QoG website: <https://www.gu.se/en/quality-government/qog-data/data-downloads/data-archive>

## 1.3 Important note on the terms of use of these datasets

The QoG datasets are open and available, free of charge and without a need to register your data. You can use them for your analysis, graphs, teaching, and other academic-related and non-commercial purposes. We ask our users to cite always the original source(s) of the data and our datasets.

We do not allow other uses of these data including but not limited to redistribution, commercialization and other for-profit usage. If a user is interested in such use or has doubts about the license, they will have to refer to the original source and check with them if this is allowed and what requirements they need to fulfill.

Be mindful the original data sources are the only owners of their data and they can adjust their license without previous warning.

## 1.4 QoG Standard Dataset

### 1.4.1 Cross-Sectional (CS)

In the QoG Standard CS dataset, data from and around 2017 is included. Data from 2017 is prioritized, however, if no data are available for a country for 2017, data for 2018 is included. If no data for 2018 exists, data for 2016 is included, and so on up to a maximum of +/- 3 years.

While this works fine for some variables, it does not for others. For GDP growth it might be far from ideal to use figures from the following or previous year, whereas it might be more or less unproblematic for bureaucratic structures, which are more stable and fluctuate less. We advise you to carefully read the codebook and use your own judgment when using the CS dataset.

Besides the quality criteria for including new datasets and variables into the QoG datasets, we have chosen to add a few rules regarding the number of countries and years a variable must have available in order to be included in these datasets. This also might mean that the original dataset may include other variables, and we urge the users of these datasets to check the original sources as well. For the QoG Standard CS dataset, we drop variables that have information for less than 15 countries after we have picked the data from the focus year or +/- 3 years.

In the description of each variable in this codebook, there are basic descriptive statistics (minimum year, maximum year and number of countries [N]) and a map indicating the countries that have data for that specific variable in the CS dataset. If the variable is not included in the CS dataset, there is a text simply stating that this is the case. The maps in the codebook should not be confused for visualizations of the data itself; they are only visualizations of the data availability in the dataset.

### 1.4.2 Time-Series (TS)

In the QoG Standard TS dataset, data from 1946 to 2020 are included and the unit of analysis is country-year (e.g. Sweden-1946, Sweden-1947 and so on).

As countries are not static phenomena, this has resulted in a number of what we call *historical countries*. Historical countries are in most cases denoted by a parenthesis, following the country name, and within the parenthesis we have added the to - date (e.g. Ethiopia [-1992]). Consequentially, the historical countries are often associated with a present-day version of the "same" country. These are also denoted by a parenthesis but within that parenthesis we have added the from - date (e.g. Ethiopia [1993-]). You will find more information on which countries this applies to, and our line of reasoning for each country, in the section on countries and time coverage.

We have decided not to include data that was available for a country before that country became independent according to our judgment. This is debatable; it might be argued that if an original source has included values, the values are correct and could be included. However, we have reasoned that if the datasets primarily are used in cross-country comparisons, all units should be independent countries and not, for example, semi-independent territories.

Besides the quality criteria for including new datasets and variables into the QoG datasets, we have chosen to add a few rules regarding the number of countries and years a variable must have available in order to be included in these datasets. This also might mean that the original dataset may include other variables, and we urge the users of these datasets to check the original sources as well. Regarding the inclusion of variables according to the countries and years covered, for the QoG Standard TS dataset, we drop variables that have information for less than 15 countries and less than three years.

In each entry in this codebook there are basic descriptive statistics (minimum year, maximum year, number of countries [N], number of observations [n], average number of countries per year [ $\bar{N}$ ] and average number of years per country [ $\bar{T}$ ]) and a bar graph indicating the number of countries with data available each year from 1946 to 2020. If the variable is not included in the TS dataset, there is a text simply stating that this is the case. The maps in the codebook should not be confused for visualizations of the data itself; they are only visualizations of the data availability in the datasets.

### 1.4.3 Country and Time Coverage

When deciding which countries to include in the datasets, we have relied on the following reasoning:

We have included current members of the United Nations (UN) as well as previous members, provided that their de facto sovereignty has not changed substantially since they were members; this means that we, for example, have included Taiwan.

Using UN membership to decide whether or not to include a country in the dataset works quite well for cases from around 1955. Afterwards, independent states, in general, joined the UN following independence. This leaves us with the question of what to do with countries that might be said to have been independent some time during the period from 1946 to around 1955, but were not independent after that period (such as Tibet). We have decided to include data for Tibet from 1946 to 1950, making it possible for users to decide for themselves whether to include Tibet in their analysis or not. It is worth noting that we do not use the date on which a country gained membership to the UN to decide when a country came into being. All in all, this means that we have 194 countries included in the cross-sectional dataset.

In the time-series dataset, we include the same 194 countries, plus an additional 17 historical countries that did not exist in 2014: Tibet, Pakistan pre-1971 (including East Pakistan, presently Bangladesh), North and South Vietnam, North and South Yemen, East and West Germany, Yugoslavia pre-1992 (the Peoples Republic of Yugoslavia), Serbia and Montenegro, the USSR, Czechoslovakia, Ethiopia pre-1993 (including Eritrea), France pre-1962 (including Algeria), Malaysia pre-1965 (including Singapore), Cyprus pre-1974 (including the later Turkish-occupied North Cyprus) and Sudan pre-2012 (including South Sudan). This makes a total of 211 countries. In the Appendix we have included the full list of countries and a short note on how we have reasoned for each country.

Unfortunately, no established international standard exists on how historical cases, resulting either from country mergers or country splits, should be treated in a time-series setting. We have applied the following principles:

After a merger of two countries, the new country is considered a new case, even when the new state formed could be considered a continuation of one of the merged states. This rule applies to: (1) Vietnam, which merged North and South Vietnam in 1976; (2) Yemen, which merged North and South Yemen in 1990; and (3) Germany, which merged East and West Germany in 1990.

If a country has split, the new countries are considered new cases, even when one of the new states could be considered a continuation of the state that split. This rule applies to: (1) Pakistan, which split into Pakistan and Bangladesh in 1971; (2) the USSR, which split into 15 Post-Soviet countries in 1991; (3) Yugoslavia, which split into Slovenia, Croatia, Bosnia and Herzegovina, North Macedonia, and Serbia and Montenegro from 1991 onwards; (4) Czechoslovakia, which was split into the Czech Republic and Slovakia in 1993; (5) France, which split into France and Algeria in 1962; (6) Malaysia, which split into Malaysia and Singapore in 1965; (7) Cyprus, which was occupied by Turkey in 1974, effectively splitting the country into Cyprus and the internationally unrecognized Northern Cyprus; and (8) Ethiopia, which split into Ethiopia and Eritrea in 1993. There is one exception to this rule: Indonesia is considered a continuation of the country that existed before the independence of Timor-Leste in 2002 (while Timor-Leste is considered a new country).

Since most of the original data sources treat these cases of country mergers and splits differently, we have rearranged data in accordance with our criteria above. Consequently, if a merger or a split has occurred and the data source does not treat the countries as different cases, we still consider them to be different cases.

To determine where to put the data for the year of the merger/split and when to include data for a newly independent country, we have relied on the July 1st-principle. If the merger/split or independence occurred after July 1st, the data for this year will belong to the historical country or it will not be included.

Thus, for example: If Germany in a data source is treated as a continuation of West Germany, we place data up to and including 1990 on West Germany and leave Germany blank until and including 1990, since the merger of Germany occurred in October 1990 (after July 1st, 1990). If, on the other hand, Serbia and Montenegro in a data source is treated as a continuation of Yugoslavia, we place the data up to and including 1991 on Yugoslavia and from 1992 and onward on Serbia and Montenegro (which is left blank until and including 1991), since the split occurred from June 1991-March 1992 (before July 1st, 1992).

Finally, Cyprus (1974-) denotes the Greek part of the island after the Turkish occupation. Most sources probably do the same with the data they refer to Cyprus, but the documentation of the original data rarely specifies this.

In 2018, we updated the name of Swaziland to Eswatini (former Swaziland) and in 2019, we updated the name of Macedonia to North Macedonia; however, the other identification codes remain the same.

#### 1.4.4 Note for Stata/IC Users

The Stata/IC has a limitation of 2 047 variables. The QoG Standard datasets are larger, therefore users of the Stata/IC cannot use these datasets in its original form. If you have access to Stata/IC, you can open only those variables of the QoG Standard dataset that you need for studies.

First, you need to download the QoG Standard data file in .dta format to your computer. Then, open Stata/IC and write the following command in the command window and run it:

use *list of variables* using "*C:|Link|to|file|filename.dta*"

*list of variables* can be any of the following:

- list of all variable names (e.g. aid\_cpnc fh\_status vi\_ext) that you need
- the prefixes of the data sources (e.g. bl\_\*, ciri\_\*) to open all variables from one or several data sources
- a range of variables (e.g. aid\_cpnc-vi\_ext).

Note: A list of the prefixes and variable names are presented in the codebook. We recommend that you always add and open the identification variables: cname, ccode and year (for time-series).

#### 1.4.5 A brief note on the QoG Standard 2021 update

To improve consistency and compatibility of statistical data related to QoG, we continuously work to improve the coverage and data quality. For the 2021 update of the QoG Standard Dataset, we have included four new data sources that previously were not part of the QoG datasets. These are:

- Dataset of Electoral Volatility in the European Parliament elections (Emanuele et al., 2020). This dataset provides data on electoral volatility and its internal components in the elections for the European Parliament (EP) in all European Union (EU) countries since 1979 or the date of their accession to the Union.
- Information Capacity Dataset (Brambor et al., 2020). It offers an overall index of ‘information capacity’ for 85 countries from 1750 to 2015 based on five component indicators – when the country first established a statistical agency, whether the country had in place a civil register and a population register, and the graded indexes of census ability and yearbook ability.
- The Social Progress Index (The Social Progress Imperative, 2020). It measures the social progress in 163 countries, through a combination of 50 social and environmental outcome indicators that include data on health, safety, education, technology and rights.
- Financing the State: Government Tax Revenue from 1800 to 2012 Dataset (Andersson and Brambor, 2019). This dataset presents information on historical central government revenues for 31 countries in Europe and the Americas from 1800 (or independence) to 2012.
- The WhoGov Dataset (Nyrup and Bramwell, 2020). It is the largest available dataset on members of government across time and countries, providing bibliographic information, such as gender and party affiliation, on cabinet members in July every year in the period 1966-2016 in 178 countries.
- IMF Government Finance Statistics: Expenditure by Functions of Government (COFOG) Dataset (International Monetary Fund, 2019). This dataset contains fiscal data for all reporting countries, specifying the expenditure in several functions of government such as defense, education, health and social protection.
- The Property Rights Protection index (Ouattara and Standaert, 2020). It introduces a new index of property rights that focuses on a more strict definition of property rights, separately from other aspects of rule of law, for 191 countries from 1994 to 2014.
- Youth Representation Index (Sundström and Stockemer, 2020). This dataset assesses the magnitude of youths’ under representation across countries using the last year of election and it is available for 91 countries.

## **1.5 Thematic Categories**

### **1.5.1 Quality of Government**

This category includes variables that are the core features of QoG (impartiality, bureaucratic quality and corruption) as well as measures that are broader (rule of law and transparency).

### **1.5.2 Civil Society/Population/Culture**

This category includes variables that relate to social capital, personal beliefs, size and distribution of the population as well as ethnic and linguistic fractionalization.

### **1.5.3 Conflict**

This category includes variables concerning armed conflict, including civil war and terrorism, government revenue and spending related to violent conflict (military expenditure, arms imports, military personnel).

### **1.5.4 Education**

This category includes a variety of indicators related to education, such as key characteristics of the educational system (public expenditure, gross enrollment, number of teachers), the students (age, gender, educational level), and educational outcomes (mean scores, literacy rates, numbers of researchers and scientists).

### **1.5.5 Energy and Infrastructure**

This category includes indicators that cover descriptions of different energy sources (production, consumption and trade) and variables related to quality and quantity of different sectors of infrastructure (transportation and communication).

### **1.5.6 Environment**

This category includes geographical characteristics such as the geographical region, land area etc. as well as indicators describing the state of the environment, ecosystems and materials, the impact of human beings on the environment, and environmental protection.

### **1.5.7 Gender Equality**

This category includes variables related to the differences of access and opportunities between women and men by country, such as access to education, overall employment and employment by specific sectors, and indexes that shine a light on the general differences in treatment between men and women.

### **1.5.8 Health**

This category includes indicators describing the health of a population in a given country. These include reports about self-perceived health (state of health), policies and provided infrastructure concerning health (expenditure, number of hospitals), the prevalence of diseases (HIV, tuberculosis), and indicators such as birth rate, death rate and life expectancy.

### **1.5.9 History**

This category includes variables related to historical phenomena or situations, for example colonial origin, legal origin and GDP per capita in the year 1500.

### **1.5.10 Judicial**

This category includes judicial indicators, generally covering legal rights granted by a state to its citizens and their compliance, as well as measures of crimes and the overall state of the judicial system.

#### **1.5.11 Labour Market**

This category includes variables about employment, unemployment and union density rate, in general, as well as in subgroups of the population.

#### **1.5.12 Media**

This category includes indicators on the freedom of the media in a given country (freedom of the press, regulation of the media) as well as the public access and confidence in the media.

#### **1.5.13 Migration**

This category includes indicators related to migratory phenomena such as immigration rates, level of education, brain drain, and refugee population.

#### **1.5.14 Political Parties and Elections**

This category includes variables describing various aspects of the legislature and political parties in the legislature (number of seats) as well as variables related to the election for the executive and variables on the outcomes of elections.

#### **1.5.15 Political System**

This category includes variables describing the rules of the political system (presidential or parliamentary system), the chief executive (years in office), regime type, stability (age of present regime), and checks and balances as well as aspects of federalism.

#### **1.5.16 Public Economy**

This category includes economic indicators that reflect the involvement of the government in the economy (taxes, tariff rates and government expenditures), economic key figures of a state (GDP, inflation, and economic inequality), and indicators that characterize the state of the economy (aid-flows, debt).

#### **1.5.17 Private Economy**

This category includes variables characterizing the private sector in a country, inter alia: regulation of the private sector, indicators concerning economic characteristics of groups in the society, such as poverty and household consumption, as well as tax rates.

#### **1.5.18 Religion**

This category includes variables regarding numbers of followers of specific religions and the status of religion in the constitution.

#### **1.5.19 Welfare**

This category includes indicators on government expenditure related to social welfare (pension, sickness coverage and accidents coverage).

## 2 List of Variables by Categories

### 2.1 Quality of Government

Accountability sub-index (aai_acc)	66
Access to Information and Openness sub-index (aai_aio)	66
Civil Service Integrity sub-index (aai_cilser)	67
Elections sub-index (aai_elec)	67
Public management sub-index (aai_pubm)	67
Practice: appointments to audit institution support agency's independ. (aai_q08)	71
Practice: the supreme audit agency releases frequent reports (aai_q09)	72
Law: corruption is criminalized as a specific offense (aai_q10)	72
Practice: appointees to bodies investigating pubsec corruption support independ. (aai_q14)	74
Practice: appointees to agencies organizing elections support agencies' independ (aai_q20)	77
Practice: agencies that organize elections are protected from pol. interference (aai_q21)	77
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## **3 Identification Variables**

### **3.0.1 ccode Country Code**

Numeric country code based on the ISO-3166-1 standard. All the numeric country codes are unique and this is thus the variable best suitable to use when merging files (in combination with year for time-series data). ([http://en.wikipedia.org/wiki/ISO\\_3166-1\\_numeric](http://en.wikipedia.org/wiki/ISO_3166-1_numeric))

### **3.0.2 ccodealp 3-letter Country Code**

A three-letter country code based on the ISO-3166-1 alpha3 standard. Please note that the ccodealp variable does not uniquely identify all countries.

### **3.0.3 ccodealp\_year 3-letter Country Code and Year**

A three-letter country code and year.

### **3.0.4 ccodecow Country Code COW**

Country code from the Correlates of War.

### **3.0.5 ccodewb Country Code World Bank**

Country code from the World Bank.

### **3.0.6 cname Country Name**

The name of the country.

### **3.0.7 cname\_year Country Name and Year**

Country name and year.

### **3.0.8 version Version of the Dataset**

Version of the QoG dataset.

### **3.0.9 year Year**

Year.

## 4 Description of Variables by Original Data Sources

### 4.1 AidData

<http://aiddata.org/aiddata-research-releases>  
(Tierney et al., 2011) (AidData, 2017)  
(Data downloaded: 2020-10-14)

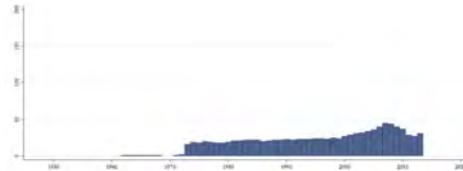
#### AidData v. 3.1

AidData's Core Research Release 3.1 is a corrected snapshot of AidData's entire project-level database from April 2016. This database includes commitment information for over 1.5 million development finance activities funded between 1947 and 2013, covers 96 donors, and includes ODA, OOF flows, Equity Investments, and Export Credits where available.

#### 4.1.1 Number of Recipients to whom Commitments were provided (not incl. Int. Org.) (aid\_cpnc)

Number of Recipients to whom Commitments were provided, not including International Organizations

Variable not included  
in Cross-Section Data



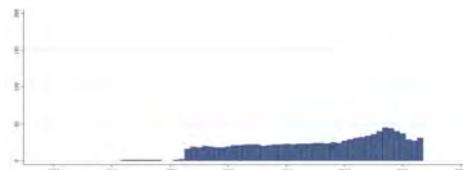
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1962 Max. Year: 2013  
N: 48 n: 1066  $\bar{N}$ : 21  $\bar{T}$ : 22

#### 4.1.2 Sum of Commitments provided to Recipients (not incl. Int. Org.) (aid\_cpsc)

Sum of Commitments provided to Recipients, not including International Organizations

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1962 Max. Year: 2013  
N: 48 n: 1066  $\bar{N}$ : 21  $\bar{T}$ : 22

#### 4.1.3 Number of Donors from whom Commitments were received (not incl. Int. Org.) (aid\_crnc)

Number of Donors from whom Commitments were received, not including International Organizations

Variable not included  
in Cross-Section Data



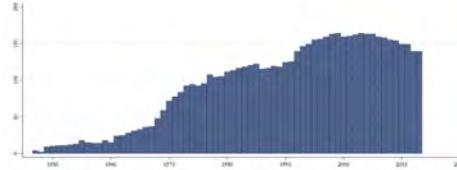
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1962 Max. Year: 2013  
N: 198 n: 5775  $\bar{N}$ : 111  $\bar{T}$ : 29

#### 4.1.4 Number of Int. Org. from whom Commitments were received (aid\_crnio)

Number of International Organizations from whom Commitments were received

Variable not included  
in Cross-Section Data



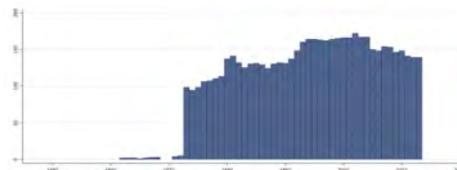
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1947 Max. Year: 2013  
N: 197 n: 6231  $\bar{N}$ : 93  $\bar{T}$ : 32

#### 4.1.5 Sum of Commitments received from Donors (not incl. Int. Org.) (aid\_crsc)

Sum of Commitments received from Donors, not including International Organizations

Variable not included  
in Cross-Section Data



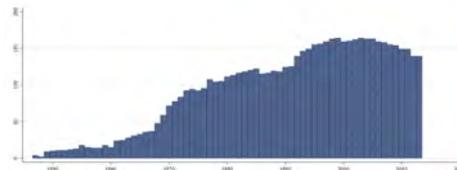
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1962 Max. Year: 2013  
N: 198 n: 5775  $\bar{N}$ : 111  $\bar{T}$ : 29

#### 4.1.6 Sum of Commitments received from Int. Org. (aid\_crsio)

Sum of Commitments received from International Organizations

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1947 Max. Year: 2013  
N: 197 n: 6231  $\bar{N}$ : 93  $\bar{T}$ : 32

## 4.2 Global Integrity

<https://www.africaintegrityindicators.org/data>

(Global Integrity, 2020)

(Data downloaded: 2020-09-23)

### Africa Integrity Indicators

The Africa Integrity Indicators (AII) assesses key social, economic, political and anti-corruption mechanisms at the national level in all 54 African countries in two sections: Transparency and Accountability, and Social Development. The Africa Integrity Indicators are scored by in-country researchers following an evidence-based investigation methodology. The resultant data points are then reviewed blindly by a panel of peer reviewers, drawing on the expertise of a mix of in-country experts as well as outside experts.

The Transparency and Accountability indicator is made of sub-indicators in the following categories: rule of law, accountability, elections, public management, civil service integrity, access to information and openness, and social development.

For this version of the QoG Datasets, we have decided to only include the scores for the broader components of Transparency and Accountability, given that the Social Development Indicators are already represented by the Mo Ibrahim Foundation’s Index of African Governance.

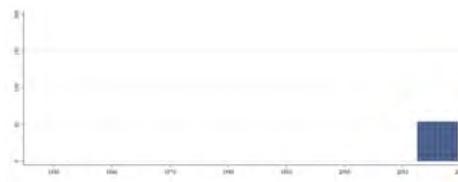
#### 4.2.1 Accountability sub-index (aia\_acc)

Accountability. This sub index from 0 to 100 is composed of:

1. In law, the independence of the judiciary is guaranteed.
2. In practice, the independence of the judiciary is guaranteed.
3. In practice, national-level judges appointments (justices or magistrates) support the independence of the judiciary.
4. In practice, national-level judges give reasons for their decisions/judgments.
5. In law, there is a supreme audit institution.
6. In law, the independence of the supreme audit institution is guaranteed.
7. In practice, the independence of the supreme audit institution is guaranteed.
8. In practice, appointments to the supreme audit institution support the independence of the agency.
9. In practice, the supreme audit agency releases frequent reports that are accessible to citizens.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

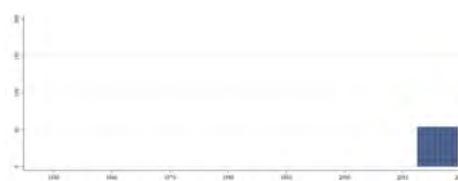
#### 4.2.2 Access to Information and Openness sub-index (aia\_aio)

Access to Information and Openness. This sub index from 0 to 100 is composed of:

10. In law, corruption is criminalized as a specific offense.
11. In law, there is an independent body/bodies mandated to receive and investigate cases of alleged public sector corruption.
12. In practice, allegations of corruption against senior level politicians and/or civil servants of any level are investigated by an independent body.
13. In practice, the body/bodies that investigate/s allegations of public sector corruption is/are effective.
14. In practice, appointments to the body/bodies that investigate/s allegations of public sector corruption support/s the independence of the body.
15. In law, the head of state and government can be investigated and prosecuted while in office if evidence suggests they committed a crime.
16. In practice, heads of state and government are investigated and prosecuted while in office if evidence suggest they committed a crime.
17. In law, there is a mechanism for citizens to report police misconduct or abuse of force.
18. In practice, the mechanism for citizens to report police misconduct or abuse of force is effective.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

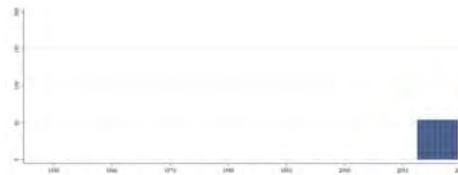
#### 4.2.3 Civil Service Integrity sub-index (aii\_cilser)

Civil Service Integrity. This sub index from 0 to 100 is composed of:

19. In law, the independence of the agency/agencies mandated to organize and monitor national elections is guaranteed.
20. In practice, appointments to the agency/agencies mandated to organize and monitor national elections support the independence of the agency/agencies.
21. In practice, the agency/agencies mandated to organize and monitor national elections is/are protected from political interference.
22. In practice, the agency/agencies mandated to organize and monitor national elections make/s timely, publicly available reports before and after a national election.
23. In practice, candidates/political parties have equitable access to state-owned media outlets.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

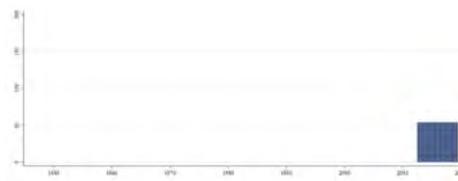
#### 4.2.4 Elections sub-index (aii\_elec)

Elections. This sub index from 0 to 100 is composed of:

24. In law, major public procurements require competitive bidding.
25. In practice, major public procurements involve competitive bidding.
26. In practice, citizens can access the results and documents associated with procurement contracts (full contract, proposals, execution reports, financial audits, etc.).
27. In law, companies found guilty of violations of procurement regulations are prohibited from participating in future bids.
28. In practice, companies found guilty of violating procurement regulations are prohibited from participating in future bids.
29. In practice, citizens can access the financial records of state-owned companies.
30. In practice, citizens can access the financial records associated with natural resources exploitation (gas, oil and mining), whether they involve the participation of public or private corporations.
31. In practice, significant public expenditure receives legislative approval on an annual basis.
32. In law, both the executive's budget proposal and the approved budget must be published in full every year.
33. In practice, a legislative committee exercises oversight of public funds.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.5 Public management sub-index (aii\_pubm)

Public Management. This sub index from 0 to 100 is composed of:

35. In law, civil servants are required to report cases of alleged corruption.
36. In law, civil servants who report cases of corruption are protected from recrimination or other negative consequences.

37. In law, there are formal rules to prevent conflicts of interest, nepotism, cronyism and patronage in all branches of government.

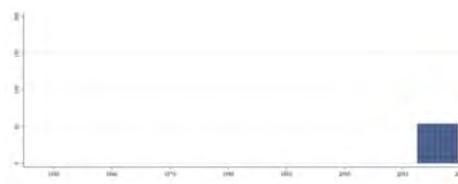
38. In practice, civil servants' work is not compromised by political interference.

39. In practice, civil servants are appointed and evaluated according to professional criteria.

40. In law, there are restrictions for civil servants entering the private sector after leaving the government.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.6 Law: the independence of the judiciary is guaranteed (aii\_q01)

Sub-score (0-100). Question no. 1. In law, the independence of the judiciary is guaranteed.

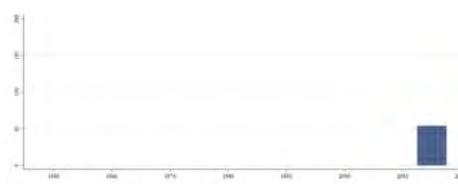
A 100 score is earned where all the following conditions are met:

- 1) the law establishes that the judiciary is independent from the executive and legislative branches, and
- 2) the law establishes the judiciary's right, authority or mandate to review laws, issue judicial decisions, and choose the cases heard by courts.

A 0 score is earned where no such law exists, or a law exists but it does not include ALL of the elements described in 100.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.7 Practice: the independence of the judiciary is guaranteed (aii\_q02)

Sub-score (0-100). Question no. 2. In practice, the independence of the judiciary is guaranteed.

A 100 score is earned where all the following conditions are met:

- 1) judges have autonomy to interpret and review existing laws, legislation and policy, and
- 2) judges operate without fear or favor, independent from other branches of government.

A 50 score is earned where any of the following conditions apply:

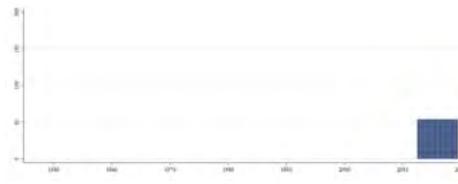
- 1) judges' autonomy to interpret and review existing laws is occasionally restricted, or
- 2) judges are occasionally subject to negative or positive political incentives (for example, judges are demoted/promoted or relocated to worse/better offices in retaliation/reward for making certain decisions).

A 0 score is earned where at least one of the following conditions apply:

- 1) judges rarely have autonomy to interpret and review existing laws, legislation and policy, or
- 2) judges are routinely subject to negative or positive political incentives (for example, judges are frequently demoted/promoted or relocated to worse/better offices in retaliation/reward for making certain decisions).



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.8 Practice: national-level judges support the independence of judiciary (aii\_q03)

Sub-score (0-100). Question no. 3. In practice, national-level judges appointments (justices or magistrates) support the independence of the judiciary.

A 100 score is earned where all the following conditions are met:

- 1) national-level judges are chosen through a merit-based selection system,
- 2) they have security of tenure, and
- 3) they are disciplined/removed/transferred only through due process by a peer panel/independent oversight body.

A 50 score is earned where any of the following conditions apply:

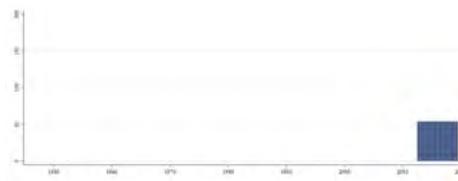
- 1) national-level judges are occasionally appointed without following a merit-based selection system,
- 2) some judges are denied security of tenure, or
- 3) occasionally judges are disciplined/removed/transferred without due process or the peer panel/independent oversight body occasionally includes representatives of the executive or legislative branches.

A 0 score is earned where at least one of the following conditions apply:

- 1) there's a merit-based selection system but it fails to require basic skills (ex. legal education, litigation experience, etc.) or is so weak that individuals with less merit are usually appointed over those with more merit,
- 2) there is no security of tenure, or
- 3) the due process usually involves the Executive or Legislative branches.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.9 Practice: national-level judges give reasons for their decisions (aii\_q04)

Sub-score (0-100). Question no. 4. In practice, national-level judges give reasons for their decisions/judgments.

A 100 score is earned where all the following conditions are met:

- 1) judges routinely provide formal reasoning for their rulings,
- 2) their reasoning references the laws/jurisprudence they considered and the specific interpretation they gave them in relation to the case, and
- 3) their reasoning is public (for this indicator, national security exceptions are allowed).

A 50 score is earned where any of the following conditions apply:

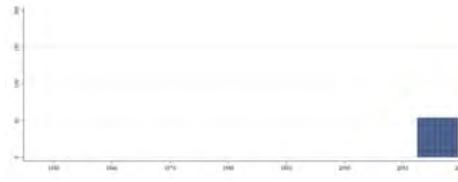
- 1) judges occasionally fail to provide formal reasoning for their decisions,
- 2) the reasoning occasionally lacks references to the laws/jurisprudence considered or the respective judges' interpretations, or
- 3) it takes more than two weeks for citizens to obtain the reasoning after requested.

A 0 score is earned where at least one of the following conditions apply:

- 1) judges rarely provide formal reasoning for their rulings, or
- 2) their reasoning rarely references the laws/jurisprudence they considered and/or the specific interpretations they gave them in relation to the case, or
- 3) the reasoning is not public.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.10 Law: there is a supreme audit institution (aii\_q05)

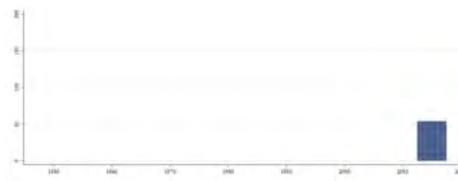
Sub-score (0-100). Question no. 5. In law, there is a supreme audit institution.

A 100 score is earned where the law mandates the creation of a supreme audit institution or office of the Auditor General, tasked with auditing the government accounts.

A 0 score is earned where no such law exists.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.11 Law: the independence of supreme audit institution is guaranteed (aii\_q06)

Sub-score (0-100). Question no. 6. In law, the independence of the supreme audit institution is guaranteed.

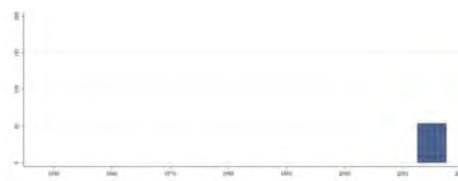
A 100 score is earned where all the following conditions are met:

- 1) the law establishes that the audit institution is independent from the executive and legislative branches,
- 2) the institution has the right, authority or mandate to audit any government account, issue recommendations and resolutions, and refer cases to the prosecutor's office, and
- 3) the institution has a consistent source of funding to operate.

A 0 score is earned where no such law exists, or a law exists but it doesn't establish ALL of the conditions described in 100.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.12 Practice: the independence of supreme audit institution is guaranteed (aia\_q07)

Sub-score (0-100). Question no. 7. In practice, the independence of the supreme audit institution is guaranteed.

A 100 score is earned where all the following conditions are met:

- 1) auditors have autonomy to audit accounts,
- 2) auditors operate without fear or favor, independent from other offices of government, and
- 3) they have a predictable source of funding that is consistent from year to year.

A 50 score is earned where any of the following conditions apply:

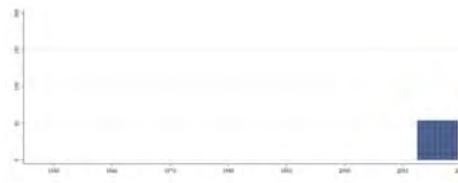
- 1) auditors usually have autonomy to audit any account but exceptions exist,
- 2) auditors are occasionally subject to negative or positive political incentives (for example, auditors are demoted/promoted or relocated to worse/better offices in retaliation/reward for not auditing/issuing favorable/unfavorable resolutions), or
- 3) funding is occasionally inconsistent.

A 0 score is earned where at least one of the following conditions apply:

- 1) auditors rarely have autonomy to audit accounts,
- 2) they routinely operate with fear or favor, dependent of other offices of government, or
- 3) the source of funding is usually inconsistent from year to year.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.13 Practice: appointments to audit institution support agency's independ. (aia\_q08)

Sub-score (0-100). Question no. 8. In practice, appointments to the supreme audit institution support the independence of the agency.

A 100 score is earned where all the following conditions are met:

- 1) appointments to positions in the agency follow a merit-based system,
- 2) appointees are free of conflicts of interest due to personal loyalties, family connections, political party affiliations or other biases, and
- 3) auditors are disciplined/removed/transferred only through due process by a peer panel/oversight body.

A 50 score is earned where any of the following conditions apply:

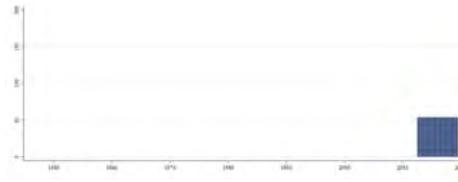
- 1) appointments don't always follow a merit-based system,
- 2) appointees sometimes have conflicts of interest, or
- 3) auditors are sometimes disciplined/removed/transferred without observing due process by a peer panel/oversight body.

A 0 score is earned where at least one of the following conditions apply:

- 1) appointments to positions in the agency rarely or never follow a merit-based system, or the merit-base system is so weak that individuals with less merit are usually appointed over those with more merit,
- 2) appointees usually have conflicts of interest due to personal loyalties, family connections, political party affiliations or other biases, or
- 3) appointees are usually disciplined/removed/transferred without observing due process by a peer panel/oversight body.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.14 Practice: the supreme audit agency releases frequent reports (aii\_q09)

Sub-score (0-100). Question no. 9. In practice, the supreme audit agency releases frequent reports that are accessible to citizens.

A 100 score is earned where all the following conditions are met:

- 1) the agency in average publishes 10 reports or more per year, and
- 2) the reports are published less than one month after issued, and
- 3) they are accessible online or on paper within two weeks of requested at photocopying cost.

A 50 score is earned where any of the following conditions apply:

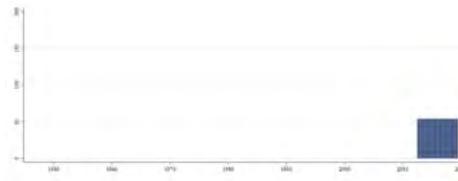
- 1) the agency publishes between three and nine reports per year,
- 2) the reports are published more than one month after issued, or
- 3) they are available on paper but it takes more than two weeks after requested to obtain them or costs are higher than photocopying.

A 0 score is earned where at least one of the following conditions apply:

- 1) the audit institution publishes one or less reports per year, or
- 2) the reports are not available to citizens.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.15 Law: corruption is criminalized as a specific offense (aii\_q10)

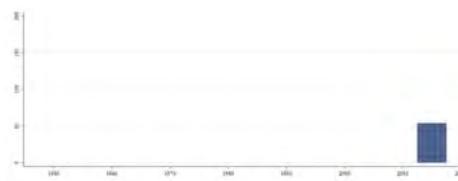
Sub-score (0-100). Question no. 10. In law, corruption is criminalized as a specific offense.

A 100 score is earned where a national law criminalizes corruption as a specific offence(s) for at least three of the following: extortion, offering a bribe, accepting a bribe, kickbacks, using public resources for private gain, using confidential state information for private gain, money laundering, conspiring or attempting to commit any of the above, organized crime and trafficking.

A 0 score is earned where no such law exists, or a law exists but it alludes to corruption in general terms without criminalizing specific offences.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.16 Law: there are indep. bodies to investigate cases of pubsec. corruption (aii\_q11)**

Sub-score (0-100). Question no. 11. In law, there is an independent body/bodies mandated to receive and investigate cases of alleged public sector corruption.

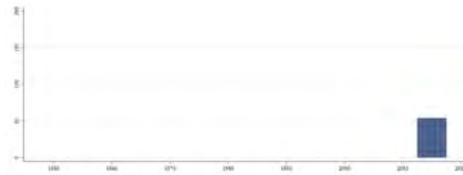
A 100 score is earned where all of the following conditions are met:

- 1) a law mandates a specific body to receive and investigate citizens' allegations of public sector corruption, and
- 2) a law establishes that the body is independent from the Executive and Legislative branches.

A 0 score is earned where no such law exists, or a law exists but it doesn't meet the two conditions described in 100.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.17 Practice: corruption allegations are investigated by independent body (aii\_q12)**

Sub-score (0-100). Question no. 12. In practice, allegations of corruption against senior level politicians and/or civil servants of any level are investigated by an independent body.

A 100 score is earned where all the following conditions are met:

- 1) allegations against senior level politicians and/or civil servants of any level are investigated, and
- 2) the members of the body mandated to investigate the allegations work without fear or favor from other offices.

A 50 score is earned where any of the following conditions apply:

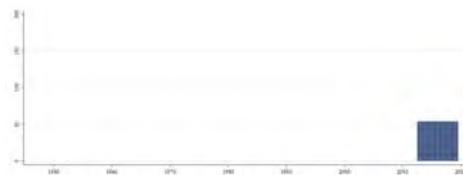
- 1) not all allegations against senior level politicians and/or civil servants of any level are investigated, or
- 2) the members of the body mandated to investigate the allegations are occasionally subjected to positive/negative incentives to rule in favor/against a senior level politician and/or civil servant.

A 0 score is earned where at least one of the following conditions apply:

- 1) allegations against senior level politicians and/or civil servants of any level are rarely or never investigated, or
- 2) the members of the body mandated to investigate the allegations routinely receive positive/negative incentives to rule in favor/against a senior level politician and/or civil servant.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.18 Practice: bodies investigating pubsector corruption allegations are effective (aii\_q13)

Sub-score (0-100). Question no. 13. In practice, the body/bodies that investigate/s allegations of public sector corruption is/are effective.

A 100 score is earned where all the following conditions are met:

- 1) the body has a functioning system in place to receive citizens' allegations of public sector corruption,
- 2) it investigates most of the allegations within three months of being reported, and
- 3) it exercises its own initiative to start investigations when/if needed.

A 50 score is earned where any of the following conditions apply:

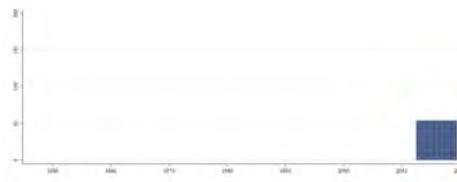
- 1) the system to receive citizens' allegations may not work for several days at a time,
- 2) not all cases reported are investigated or investigations take more than three months to start, or
- 3) the body rarely or never starts investigations out of its own initiative.

A 0 score is earned where at least one of the following conditions apply:

- 1) there's no system to receive citizens' allegations, or
- 2) cases reported are rarely or never investigated.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.19 Practice: appointees to bodies investigating pubsec corruption support independ. (aii\_q14)

Sub-score (0-100). Question no. 14. In practice, appointments to the body/bodies that investigate/s allegations of public sector corruption support/s the independence of the body.

A 100 score is earned where all the following conditions are met:

- 1) appointments follow a merit-based system,
- 2) appointees are free of conflicts of interest due to personal loyalties, family connections, political party affiliations or other biases, and
- 3) appointees are disciplined/removed/transferred only through due process by a peer panel/oversight body.

A 50 score is earned where any of the following conditions apply:

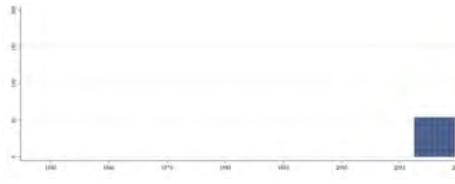
- 1) appointments don't always follow the merit-based system,
- 2) appointees occasionally have conflicts of interest, or
- 3) appointees are occasionally disciplined/removed/transferred without observing due process by a peer panel/oversight body.

A 0 score is earned where at least one of the following conditions apply:

- 1) appointments to positions in the body rarely follow a merit-based system,
- 2) individuals appointed usually have conflicts of interest due to personal loyalties, family connections, political party affiliations or other biases, or
- 3) due process by a peer panel/oversight body is rarely or never followed to discipline/remove/transfer the appointees.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.20 Law: head of state and gov. can be investigated and prosecuted while in office (aia\_q15)**

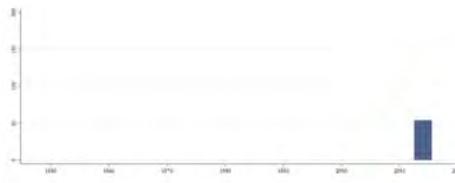
Sub-score (0-100). Question no. 15. In law, the head of state and government can be investigated and prosecuted while in office if evidence suggests they committed a crime.

A 100 score is earned where the law doesn't protect the heads of state and government from being investigated and prosecuted while in office if evidence suggests they committed a crime.

A 0 score is earned where a law protects/gives immunity to the heads of state and government from being investigated and prosecuted while in office if evidence suggests they committed a crime.



Min. Year:2015 Max. Year: 2015  
N: 54



Min. Year:2013 Max. Year: 2015  
N: 54 n: 162  $\bar{N}$ : 54  $\bar{T}$ : 3

**4.2.21 Practice: head of state and gov. can investigated and prosecuted while in office (aia\_q16)**

Sub-score (0-100). Question no. 16. In practice, heads of state and government are investigated and prosecuted while in office if evidence suggest they committed a crime.

A 100 score is earned where all the following conditions are met:

- 1) criminal allegations against heads of state and government are investigated while they are in office,
- 2) heads of state and government are prosecuted when investigations find evidence of possible wrongdoing, and
- 3) legal punishment is imposed if/when they are found guilty.

A 50 score is earned where any of the following conditions apply:

- 1) not all allegations are investigated while they are in office,
- 2) not all investigations that find evidence of criminal activity result in prosecution, or
- 3) not all guilty verdicts result in legal punishment.

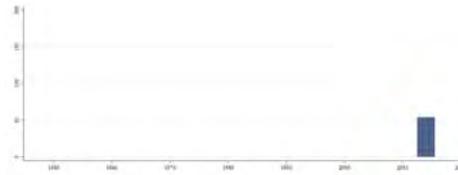
A 0 score is earned where at least one of the following conditions apply:

- 1) allegations against heads of state and government are rarely investigated while they are in office,
- 2) criminal evidence rarely results in prosecution, or
- 3) guilty verdicts rarely result in legal punishment.

A 0 also applies if the heads of state and government have immunity, therefore making it impossible in practice to investigate, prosecute or punish them.



Min. Year:2015 Max. Year: 2015  
N: 54



Min. Year:2013 Max. Year: 2015  
N: 54 n: 162  $\bar{N}$ : 54  $\bar{T}$ : 3

**4.2.22 Law: there are mechanisms for citizens to report police force misconduct/abuse (aia\_q17)**

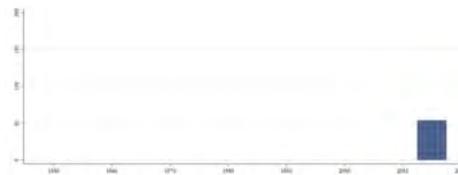
Sub-score (0-100). Question no. 17. In law, there is a mechanism for citizens to report police misconduct or abuse of force.

A 100 score is earned where a law establishes the existence of an oversight body/entity specifically mandated to investigate police misconduct or abuse of force.

A 0 score is earned when no such law exists.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.23 Practice: mechanisms for citizens to report police misconduct/abuse are effect. (aia\_q18)**

Sub-score (0-100). Question no. 18. In practice, the mechanism for citizens to report police misconduct or abuse of force is effective.

A 100 score is earned where all the following conditions are met:

- 1) the body has a functioning system in place to receive citizens' allegations of police misconduct or abuse of force,
- 2) it investigates most of the allegations within one week of being reported, and
- 3) it exercises its own initiative to start investigations when/if needed.

A 50 score is earned where any of the following conditions apply:

- 1) the system to receive citizens' allegations may not work for several days at a time,
- 2) not all cases reported are investigated or investigations take more than one week to start, or
- 3) none or only a minority of the investigations are self-started by the body.

A 0 score is earned where at least one of the following conditions are met:

- 1) there's no system to receive citizens' allegations, or
- 2) cases reported are rarely investigated.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.24 Law: independence of agencies that organize and monitor elections is guaranteed (aia\_q19)**

Sub-score (0-100). Question no. 19. In law, the independence of the agency/agencies mandated to organize and monitor national elections is guaranteed.

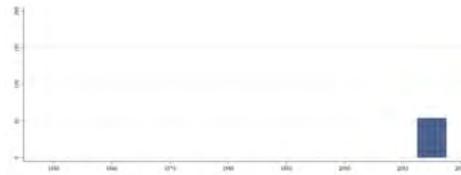
A 100 score is earned where all the following conditions are met:

- 1) the law establishes that the agency/agencies mandated to organize and monitor national elections is independent from the Executive, Legislative and Judicial branches, and
- 2) it establishes its right, authority or mandate to review elections, issue binding decisions, and choose the cases to be heard by the agency/agencies.

A 0 score is earned where no such law exists, or a law exists but it doesn't include all the conditions described in 100.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.25 Practice: appointees to agencies organizing elections support agencies' independence (aia\_q20)**

Sub-score (0-100). Question no. 20. In practice, appointments to the agency/agencies mandated to organize and monitor national elections support the independence of the agency/agencies.

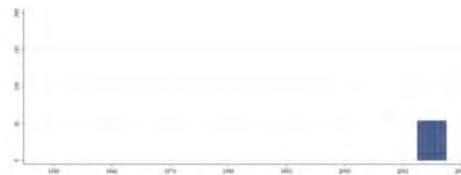
A 100 score is earned where electoral officials are always chosen through merit-selection systems.

A 50 score is earned where electoral officials are generally chosen through merit-selection systems, but there are exceptions (e.g. sometimes candidates with less merit are selected over those with more merit).

A 0 score is earned where electoral officials are rarely chosen through merit-selection systems, or the selection system is so weak it can't guarantee candidates are appointed based on merit (e.g. no legal education is required, the President has discretion to decide who the top candidates are, etc.).



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.26 Practice: agencies that organize elections are protected from pol. interference (aia\_q21)**

Sub-score (0-100). Question no. 21. In practice, the agency/agencies mandated to organize and monitor national elections is/are protected from political interference.

A 100 score is earned where all the following conditions are met:

- 1) appointees are disciplined/removed only through due process by a peer panel/oversight body, and
- 2) appointees are not removed when a new administration takes power.

A 50 score is earned where any of the following conditions apply:

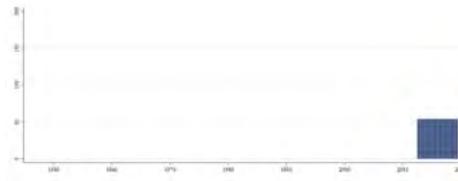
- 1) appointees are occasionally disciplined/removed/transferred without following due process by a peer panel/oversight body, or
- 2) appointees are occasionally removed when a new administration takes power.

A 0 score is earned where at least one of the following conditions apply:

- 1) appointees are usually disciplined/removed without following due process, or the due process is so weak it doesn't support independence (e.g. members of the Executive or Legislative branches are part of the panel that conducts the due process), or
- 2) appointees are usually removed when a new administration takes power.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.27 Practice: reports before after a national election are publicly available (aia\_q22)

Sub-score (0-100). Question no. 22. In practice, the agency/agencies mandated to organize and monitor national elections make/s timely, publicly available reports before and after a national election.

A 100 score is earned where all the following conditions are met:

- 1) the agency/agencies publish/es at least one report before the election and one report after the election, and
- 2) the publications are easily accessible to citizens less than one month after issuance online or at cost of photocopying.

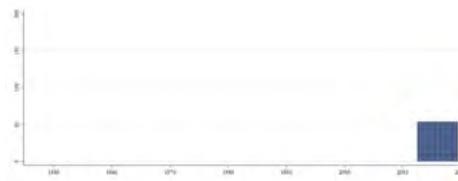
A 50 score is earned where any of the following conditions apply:

- 1) the agency only publishes one report before or after the election, or
- 2) the publication is generally accessible to citizens but published more than one month after issued or the cost is higher than photocopying.

A 0 score is earned where no reports about the elections are published or reports are not available to the public.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.28 Practice: candidates/pol. parties have fair access to state-owned media outlets (aia\_q23)

Sub-score (0-100). Question no. 23. In practice, candidates/political parties have equitable access to state-owned media outlets.

A 100 score is earned where all the following conditions are met:

- 1) candidates/political parties have equal access to and receive fair treatment in state-owned media outlets,
- 2) access is equal in both news reports and editorial commentary, and

3) candidates/political parties are offered the same rates for campaign advertising.

A 50 score is earned where any of the following conditions apply:

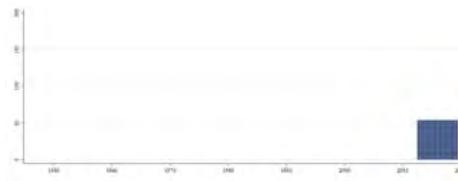
- 1) some candidates/political parties occasionally have more access to and receive better treatment in state-owned media outlets,
- 2) access is occasionally unequal in either news reports or editorial commentary, or
- 3) occasionally a candidate/political party is offered better rates for campaign advertising.

A 0 score is earned where at least one of the following conditions apply:

- 1) some candidates/political parties usually have more access to and/or receive better treatment in state-owned media outlets,
- 2) access is usually unequal in both news reports or editorial commentary, or
- 3) some candidates/political parties are usually offered better rates for campaign advertising.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.29 Law: major public procurements require competitive bidding (aii\_q24)

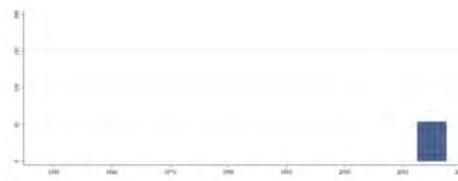
Sub-score (0-100). Question no. 24. In law, major public procurements require competitive bidding.

A 100 score is earned where all major procurements are required by law to follow competitive bidding.

A 0 score is earned where no such law exists.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.30 Practice: major public procurements involve competitive bidding (aii\_q25)

Sub-score (0-100). Question no. 25. In practice, major public procurements involve competitive bidding.

A 100 score is earned where all the following conditions are met:

- 1) bids from competing contractors, suppliers, or vendors are invited through open advertising of the scope, specifications, and terms of the proposed contract, and
- 2) the criteria by which the bids are evaluated is available for scrutiny.

A 50 score is earned where any of the following conditions apply:

- 1) bids from competing contractors, suppliers, or vendors are invited through open advertising, but the advertising doesn't leave much time for bidders to prepare their offers or it lacks basic components (scope, specifications, or terms of the proposed contract), or
- 2) the criteria by which the bids are evaluated is not readily available for scrutiny.

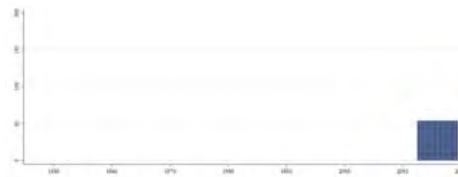
A 0 score is earned where at least one of the following conditions apply:

- 1) bids from competing contractors, suppliers, or vendors are rarely or never invited through open

advertising of the scope, specifications, and terms of the proposed contract, or  
 2) the criteria by which the bids are to be evaluated is rarely available for scrutiny.



Min. Year:2017 Max. Year: 2017  
 N: 54



Min. Year:2013 Max. Year: 2019  
 N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.31 Practice: citizens can access results and procurement contracts related document (aii\_q26)**

Sub-score (0-100). Question no. 26. In practice, citizens can access the results and documents associated with procurement contracts (full contract, proposals, execution reports, financial audits, etc.).

A 100 score is earned where all the following conditions are met:

- 1) there is an archive containing full records of all procurement contracts, whether in a central government office or at each contracting institution, and
- 2) full records are readily available on or off line for scrutiny by journalists, auditors, competitors and any citizen who request them.

A 50 score is earned where any of the following conditions apply:

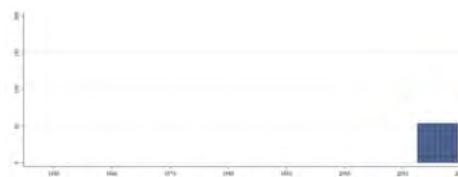
- 1) there is an archive but it doesn't contain complete records of all procurement contracts, whether in a central government office or at each contracting institution, and
- 2) full records are not readily available on/off line for scrutiny by journalists, auditors, competing contractors and any citizen who request them.

A 0 score is earned where at least one of the following conditions apply:

- 1) there's no archive containing full records of all procurement contracts, whether in a central government office or at each contracting institution, or
- 2) full records are rarely or never available on/off line for scrutiny by journalists, auditors, competitors or any citizen who request them.



Min. Year:2017 Max. Year: 2017  
 N: 54



Min. Year:2013 Max. Year: 2019  
 N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.32 Law: companies guilty of procurement violations can't participate in future bid (aii\_q27)**

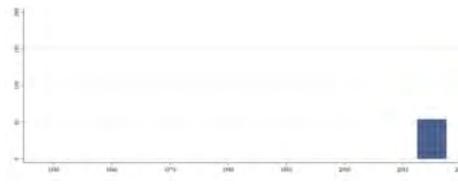
Sub-score (0-100). Question no. 27. In law, companies found guilty of violations of procurement regulations are prohibited from participating in future bids.

A 100 score is earned where the law forbids companies found guilty of violating the law (procurement, tax, labor, corruption, etc.) from participating in future bidding in the country, whether indefinitely or for a limited period of time.

A 0 score is earned where no such law exists.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.33 Practice: companies guilty of violations cannot participate in future bids (aii\_q28)**

Sub-score (0-100). Question no. 28. In practice, companies found guilty of violating procurement regulations are prohibited from participating in future bids

A 100 score is earned where all the following conditions are met:

- 1) companies found guilty of violating the law (procurement, tax, labor, corruption, etc.) are forbidden from participating in future bidding in the country, whether indefinitely or for a limited period of time, and
- 2) there is a registry of companies forbidden from bidding that citizens can access immediately or in less than two weeks upon request. A 100 is also earned if there is a registry in place that at the time of this research is empty because no company has violated the law.

A 50 score is earned where any of the following conditions apply:

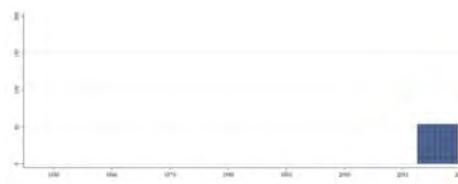
- 1) companies found guilty of violating the law (procurement, tax, labor, corruption, etc.) are generally forbidden from participating in future bidding, but there is evidence that some exceptions exist, or
- 2) citizen access to the full list of companies forbidden from participating takes more than two weeks.

A 0 score is earned where at least one of the following conditions apply:

- 1) companies found guilty of violating the law (procurement, tax, labor, corruption, etc.) are rarely forbidden from participating in future bidding, or
- 2) there is no registry of companies forbidden from participating or it exists but it's not public.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.34 Practice: citizens can access the financial records of state-owned companies (aii\_q29)**

Sub-score (0-100). Question no. 29. In practice, citizens can access the financial records of state-owned companies.

A 100 score is earned where all the following conditions are met:

- 1) financial records of state-owned companies are available on/offline to journalists, auditors and citizens at least quarterly, and
- 2) the records can be obtained immediately for free online or on paper in less than two weeks of requested at cost of photocopying.

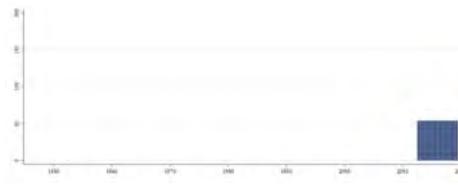
A 50 score is earned where any of the following conditions apply:

- 1) financial records of state-owned companies are available less than quarterly, or
- 2) obtaining the records takes two weeks to a month, or costs are higher than photocopying.

A 0 score is earned where financial records of state-owned companies are rarely available to the public or don't exist.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.35 Practice: citizens can access natural resources exploitation financial records (aii\_q30)**

Sub-score (0-100). Question no. 30. In practice, citizens can access the financial records associated with natural resources exploitation (gas, oil and mining), whether they involve the participation of public or private corporations.

A 100 score is earned where all the following conditions are met:

- 1) financial records associated with natural resource projects are available on/offline to journalists, auditors and citizens at least quarterly, and
- 2) the records can be obtained immediately for free online or on paper in less than two weeks of requested at cost of photocopying.

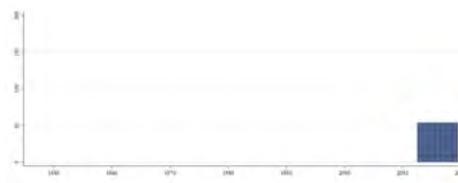
A 50 score is earned where any of the following conditions apply:

- 1) financial records associated with natural resource projects are available less than quarterly, or
- 2) obtaining the records occasionally takes more than two weeks of requested, or costs are higher than photocopying.

A 0 score is earned where financial records associated with natural resource projects are rarely available to the public or don't exist.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.36 Practice: significant public expenditure receives legislative approval yearly (aii\_q31)**

Sub-score (0-100). Question no. 31. In practice, significant public expenditure receives legislative approval on an annual basis.

A 100 score is earned where all the following conditions are met:

- 1) all significant government expenditure is approved by the legislature on an annual basis in open hearings, and
- 2) the legislature makes in-year budget amendments to the government proposed budget.

A 100 score is earned even if defense expenditure is approved in closed hearings.

A 50 score is earned where any of the following conditions apply:

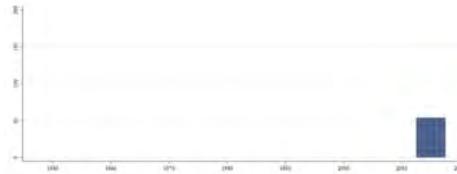
- 1) not all significant government expenditure is approved annually by the legislature or it's not approved in open hearings, or
- 2) the legislature occasionally doesn't approve in-year budget amendments.

A 0 score is earned where at least one of the following conditions applies:

- 1) the legislative rarely approves significant government expenditure, or
- 2) the legislature rarely makes in-year budget amendments to the government proposed budget.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.37 Law: executive's proposal and approved budget must be published in full yearly (aii\_q32)

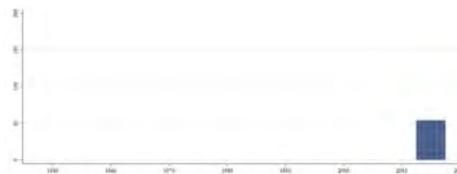
Sub-score (0-100). Question no. 32. In law, both the executive's budget proposal and the approved budget must be published in full every year.

A 100 score is earned where in law both the budget proposed by the Executive (draft sent to Congress for approval) and the approved budget must be published in full every year.

A 0 score is earned where no such law exists.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.38 Practice: citizens can provide input for budget decisions (aii\_q33)

Sub-score (0-100). Question no. 33. In practice, citizens can provide input for budget decisions.

A 100 score is earned where all the following conditions are met:

- 1) the government publicly invites citizens to provide input for budget decisions with at least four weeks of time for citizens to study the full budget, and
- 2) functioning mechanisms are in place for citizens to submit their input (from on/off line submission mechanisms to town hall meetings).

A 50 score is earned where any of the following conditions apply:

- 1) the government publicly invites citizens to provide input in budget discussions but the invitation allows them less than four weeks to study the full budget, or
- 2) functioning mechanisms for citizens to submit their input (from on/off line submission mechanisms to town hall meetings) are sporadic, limited to a few actors, or not always in service.

A 0 score is earned where at least one of the following conditions applies:

- 1) the government rarely publicly invites citizens to provide input for budget decisions, or
- 2) no functioning mechanisms are in place for citizens to submit their input.



Min. Year: 2014 Max. Year: 2014  
N: 54

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.2.39 Practice: a legislative committee exercises oversight of public funds (aii\_q34)

Sub-score (0-100). Question no. 34. In practice, a legislative committee exercises oversight of public funds.

A 100 score is earned where all the following conditions are met:

- 1) there is a functioning oversight committee that goes into session at least weekly, and
- 2) the committee has conducted at least one investigation in the last year (even if the investigation hasn't finished at the time of this research).

A 50 score is earned where any of the following conditions apply:

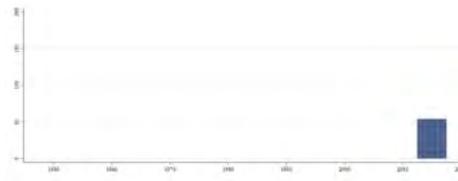
- 1) there is a functioning oversight committee but it goes into session at least biweekly, or
- 2) the committee has conducted only one investigation in the last two years.

A 0 score is earned where at least one of the following conditions applies:

- 1) no functioning oversight committee exists or it exists but it meets monthly or less frequently, or
- 2) the committee has not conducted any investigation in the last two years.



Min. Year: 2017 Max. Year: 2017  
N: 54



Min. Year: 2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.40 Law: civil servants are required to report cases of alleged corruption (aii\_q35)

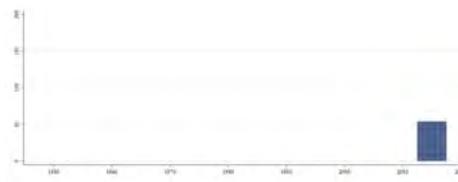
Sub-score (0-100). Question no. 35. In law, civil servants are required to report cases of alleged corruption.

A 100 score is earned where the law creates an explicit legal requirement for civil servants to report any cases of alleged corruption they are aware of.

A 0 score is earned if no such law exists.



Min. Year: 2017 Max. Year: 2017  
N: 54



Min. Year: 2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.41 Law: civil servants who report corruption cases are protected (aii\_q36)

Sub-score (0-100). Question no. 36. In law, civil servants who report cases of corruption are protected from recrimination or other negative consequences.

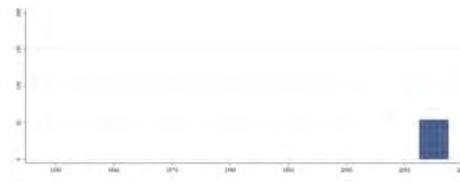
A 100 score is earned where all the following conditions are met:

- 1) there is a law specifically created to protect public sector whistle-blowers, and
- 2) the law forbids termination, transfer, harassment or other negative consequences against whistle-blowers. Note: General protections for civil servants do not grant a 100.

A 0 score is earned if no such law exists.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.42 Law: there are formal rules to prevent conflict of interest, nepotism, etc. (aii - q37)

Sub-score (0-100). Question no. 37. In law, there are formal rules to prevent conflicts of interest, nepotism, cronyism and patronage in all branches of government.

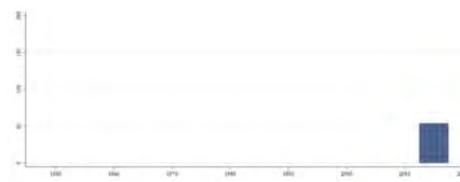
A 100 score is earned where at least two of the following three conditions are met:

- 1) the law prohibits conflicts of interest, nepotism, cronyism, and patronage (at least two of these offenses must be prohibited),
- 2) the law applies to all branches of government, including the civil service, and
- 3) it mandates mechanisms such as competitive recruitment and promotion procedures, safeguards against arbitrary disciplinary actions and dismissal, and recusal procedures.

A 0 score is earned where no such law exist. It also scores 0 if only one of the three conditions described in 100 is met.



Min. Year:2017 Max. Year: 2017  
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Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.43 Practice: civil servants' work is not compromised by political interference (aii - q38)

Sub-score (0-100). Question no. 38. In practice, civil servants' work is not compromised by political interference.

A 100 score is earned where all the following conditions are met:

- 1) civil servants are disciplined/removed/transferred only through due process by a peer panel/oversight body, and
- 2) civil servants are not removed when a new administration takes power.

A 50 score is earned where any of the following conditions apply:

- 1) civil servants are occasionally disciplined/removed/transferred without following due process by a peer panel/oversight body, or
- 2) civil servants are occasionally removed when a new administration takes power.

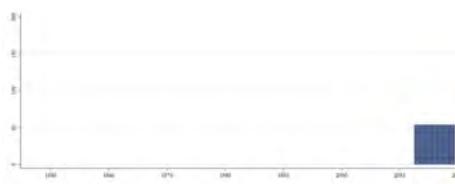
A 0 score is earned where at least one of the following conditions apply:

- 1) the due process is so weak it doesn't protect civil servants (e.g. the members of the panel that

conducts the due process have a particular interest in how the issue is decided), or  
 2) civil servants are usually removed when a new administration takes power.



Min. Year:2017 Max. Year: 2017  
 N: 54



Min. Year:2013 Max. Year: 2019  
 N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.44 Practice: civil servants are appointed and evaluated according to prof. criteria (aia\_q39)**

Sub-score (0-100). Question no. 39. In practice, civil servants are appointed and evaluated according to professional criteria.

A 100 score is earned where all the following conditions are met:

- 1) appointments to the civil service are made on a merit-based system,
- 2) individuals appointed are free of conflicts of interest due to personal loyalties, family connections, political party affiliations or other biases, and
- 3) performance evaluations are based on standard benchmarks.

A 50 score is earned where any of the following conditions apply:

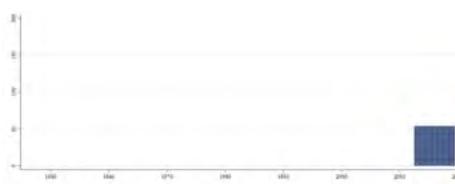
- 1) not all civil servants are appointed because of their merits,
- 2) not all appointees are free of conflicts or interest, or
- 3) performance evaluations are not always based on standard benchmarks.

A 0 score is earned where at least one of the following conditions apply:

- 1) no merit-based system is in place or it's so weak it's useless,
- 2) civil servants frequently have conflicts of interest, or
- 3) performance evaluations are usually based on personal, discretionary criteria.



Min. Year:2017 Max. Year: 2017  
 N: 54



Min. Year:2013 Max. Year: 2019  
 N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.45 Law: there are restrictions for civil servants after entering private sector (aia\_q40)**

Sub-score (0-100). Question no. 40. In law, there are restrictions for civil servants entering the private sector after leaving the government.

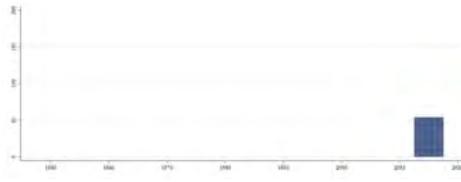
A 100 score is earned where the law forbids civil servants to take a position in the private sector for a period of time after leaving government if the position involves any of the following:

- 1) would present a conflict of interest,
- 2) would involve seeking to influence their former government colleagues, or
- 3) would establish a relationship between the former and the new office.

A 0 score is earned if no such law exists.



Min. Year:2017 Max. Year: 2017  
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Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.46 Law: citizens have a right to request public information from state bodies (aia\_q41)

Sub-score (0-100). Question no. 41. In law, citizens have a right to request public information from state bodies.

A 100 score is earned where all the following conditions are met:

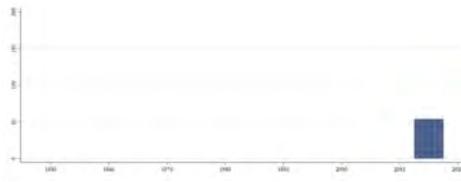
- 1) a Constitutional principle guarantees citizens' rights to request and receive access to any public documents and information, and
- 2) there is a specific access to information law that establishes the process for this right to be implemented.

Note: It's possible to score 100 if national security or individual privacy information is protected, as long as the law defines the parameters and processes to declare what information is protected and they are limited in scope. Just the constitutional protection is not enough to score 100.

A 0 score is earned if there is no such law, or a law exists but it doesn't mandate all the conditions described in 100.



Min. Year:2017 Max. Year: 2017  
N: 54



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N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.47 Practice: citizen requests for public information are effective (aia\_q42)

Sub-score (0-100). Question no. 42. In practice, citizen requests for public information are effective.

A 100 score is earned where all the following conditions are met:

- 1) records are available online or on paper less than two weeks after requested, and
- 2) costs are limited to photocopying. A 100 score is possible even if there are exceptions for information protected by national security or individual privacy laws.

A 50 score is earned where any of the following conditions apply:

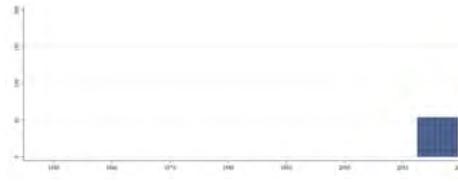
- 1) many records are not online and/or it takes between two and four weeks for citizens' to obtain them, or
- 2) costs sometimes are higher than photocopying.

A 0 score is earned where at least one of the following conditions applies:

- 1) most records are not online and it takes more than a month for a citizen to obtain them, or
- 2) costs are usually higher than photocopying.



Min. Year:2017 Max. Year: 2017  
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N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.48 Practice: citizens can access legislative processes and documents (aia\_q43)

Sub-score (0-100). Question no. 43. In practice, citizens can access legislative processes and documents.

A 100 score is earned where all the following conditions are met:

- 1) legislative records (at least transcripts of debates/votes, roll call vote, and full text of bills) are accessible to the public online or at the cost of photocopying,
- 2) most records are available within a day of legislative proceedings, and
- 3) there is a complete, easily available legislative archive either on or off line.

A 50 score is earned where any of the following conditions apply:

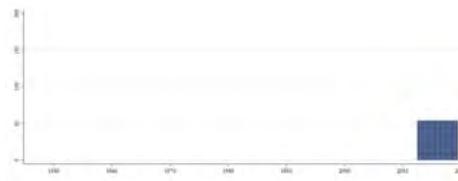
- 1) occasionally legislative records (at least transcripts of debates/votes, roll call vote, and full text of bills) are not accessible to the public online or the cost is higher than photocopying;
- 2) records are usually available within a week of legislative proceedings, or
- 3) citizens have limited access to a legislative archive either on or off line or the archive is not complete.

A 0 score is earned where at least one of the following conditions apply:

- 1) legislative records (at least transcripts of debates/votes, roll call vote, and full text of bills) are rarely accessible to the public online,
- 2) records take more than a week after legislative proceedings to be available, or
- 3) there is no legislative archive or citizens don't have access to it.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.49 Law: senior officials of government are required to disclose records of assets (aia\_q44)

Sub-score (0-100). Question no. 44. In law, senior officials of the three branches of government (including heads of state and government, ministers, members of Parliament, judges, etc.) are required to disclose records of their assets and disclosures are public.

A 100 score is earned where in law all the following conditions are met:

- 1) senior officials of the three branches of government (including heads of state and government, ministers, members of Parliament, judges, etc.) must file asset disclosures,
- 2) disclosures must contain all assets and income belonging to them and their immediate family (including real estate, movable property, cash, salaries, and income from investments), and
- 3) disclosures must be available to the public.

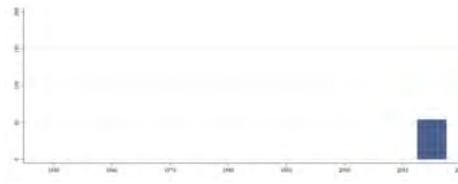
A 0 score is earned where at least one of the following conditions apply:

- 1) no such law exists or it exists but it doesn't apply to all senior officials of the three branches of government,

- 2) the law requires so little information as to render the disclosures useless (e.g. it doesn't require disclosing assets of the immediate family, or requires citing real estate but not movable property, cash, salaries, and income from investments), or
- 3) the law doesn't make the disclosures public.



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N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.50 Practice: asset disclosure process of senior officials branches is effective (aii\_q45)**

Sub-score (0-100). Question no. 45. In practice, the asset disclosure process for senior officials of the three branches of government (heads of state and government, ministers, members of Parliament, judges, etc.) is effective.

A 100 score is earned where all the following conditions are met:

- 1) senior officials of the three branches of government file their asset disclosures,
- 2) their disclosures contain detailed information about assets belonging to them and their immediate family (including real estate, movable property, cash, salaries, and income from investments), and
- 3) disclosures are available to the public online or within two weeks of requested at the cost of photocopying.

A 50 score is earned where any of the following conditions apply:

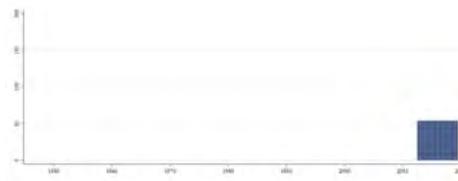
- 1) not all senior officials of the three branches of government file their asset disclosures,
- 2) their disclosures don't contain detailed information about them and their immediate family, or
- 3) disclosures are not always available to the public (they're not online, paper versions take more than two weeks to obtain, or costs are higher than photocopying).

A 0 score is earned where at least one of the following conditions apply:

- 1) senior officials of the three branches of government routinely fail to file asset disclosures,
- 2) asset disclosures contain so little information they are useless (e.g. they don't disclose assets of the immediate family, or cite real estate but not movable property, cash, salaries, and income from investments), or
- 3) asset disclosures are not available to the public. A 0 score is also earned where no law requires asset disclosures.



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Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.51 Law: civil service members are required to disclose assets and these are public (aii\_q46)**

Sub-score (0-100). Question no. 46. In law, members of the civil service are required to disclose records of their assets and the disclosures are public.

A 100 score is earned when in law all the following conditions are met:

- 1) members of the civil service must file asset disclosures,

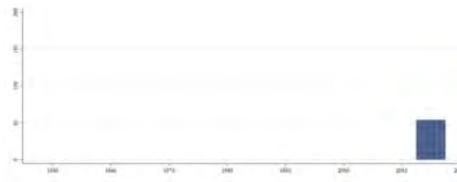
- 2) disclosures must contain all assets and income belonging to them and their immediate family (including real estate, movable property, cash, salaries, and income from investments, both domestic and foreign), and
- 3) disclosures must be available to the public.

A 0 score is earned where at least one of the following conditions apply:

- 1) no such law exists or it exists but it doesn't apply to all members of the civil service,
- 2) the law requires so little information as to render the disclosures useless (e.g. it doesn't require disclosing assets of the immediate family, or requires citing real estate but not movable property, cash, salaries, and income from investments), or
- 3) the law doesn't make the disclosures public.



Min. Year:2017 Max. Year: 2017  
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Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.52 Practice: the asset disclosure process for civil service members is effective (aii\_q47)**

Sub-score (0-100). Question no. 47. In practice, the asset disclosure process for members of the civil service is effective.

A 100 score is earned where all the following conditions are met:

- 1) all members of the civil service file their asset disclosures,
- 2) their disclosures contain detailed information about assets belonging to them and their immediate family (including real estate, movable property, cash, salaries, and income from investments), and
- 3) disclosures are available to the public online or within two weeks of requested at the cost of photocopying.

A 50 score is earned where any of the following conditions apply:

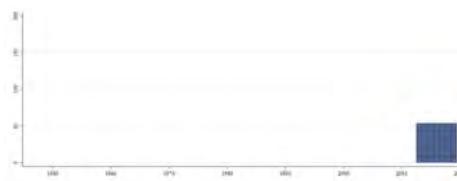
- 1) most but not all members of the civil service file their asset disclosures,
- 2) their disclosures are not complete (e.g. they contain real estate assets but not movable property, or list the asset but don't provide its estimated value), or
- 3) disclosures are not always available to the public (they're not online, paper versions take more than two weeks to obtain, or costs are higher than photocopying).

A 0 score is earned where at least one of the following conditions apply:

- 1) members of the civil service routinely fail to file asset disclosures,
- 2) asset disclosures contain so little information they are useless (e.g. they don't disclose assets of the immediate family, or cite real estate but not movable property, cash, salaries, and income from investments), or
- 3) asset disclosures are not available to the public. A 0 score is also earned where no law requires asset disclosures.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

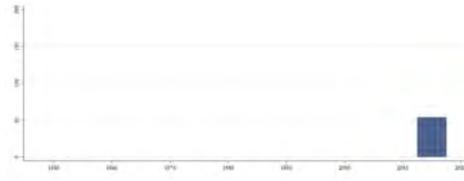
**4.2.53 Law: political parties are required to disclose public donations (Gov. funds) (aia\_q48)**

Sub-score (0-100). Question no. 48. In law, political parties are required to regularly disclose public donations (funds sourced from the government).

A 100 score is earned where a law requires political parties to publish all public contributions.  
A 0 score is earned where no such law exists.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.54 Practice: pol. parties disclose public donations and these are available to publ (aia\_q49)**

Sub-score (0-100). Question no. 49. In practice, political parties regularly disclose public donations (funds that are sourced from the government) and the disclosures are easily available to the public.

A 100 score is earned where all the following conditions are met:

- 1) political parties disclose public donations within a month of received, and
- 2) they are easily available online or at the cost of photocopy.

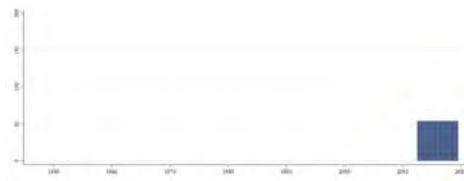
A 50 score is earned where any of the following conditions apply:

- 1) political parties don't always disclose public donations or disclose them more than a month of received, or
- 2) disclosures are not available online or the cost of paper versions is higher than photocopying.

A 0 score is earned where political parties rarely disclose public donations.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.55 Law: political parties are required to disclose private donations (aia\_q50)**

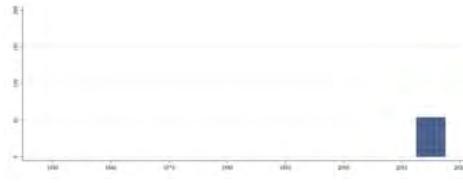
Sub-score (0-100). Question no. 50. In law, political parties are required to regularly disclose private donations.

A 100 score is earned where the law requires political parties to publish all private contributions.

A 0 score is earned where no such law exists.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

**4.2.56 Practice: pol. parties disclose private donations and this is available to public (aia\_q51)**

Sub-score (0-100). Question no. 51. In practice, political parties regularly disclose private donations and the disclosures are easily available to the public.

A 100 score is earned where all the following conditions are met:

- 1) political parties disclose private donations within a one month of received, and
- 2) they are easily available online or at the cost of photocopy.

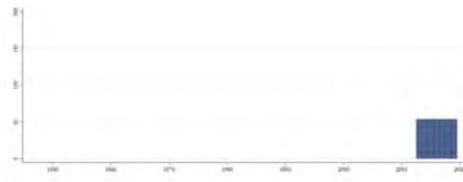
A 50 score is earned where any of the following conditions apply:

- 1) political parties don't always disclose private donations or disclose them more than a month of received, or
- 2) disclosures are not available online or the cost of paper versions is higher than photocopying.

A 0 score is earned where political parties rarely disclose private donations.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.57 Practice: media organizations disclose their owner's identities to the public (aia\_q52)**

Sub-score (0-100). Question no. 52. In practice, media organizations (print, broadcast, online) disclose the identities of their owners to the public.

A 100 score is earned where all the following conditions are met:

- 1) major media organizations disclose the names of their owners to the public, and
- 2) the information is readily available to any citizen (online, in the newspaper, etc.).

A 50 score is earned where any of the following conditions apply:

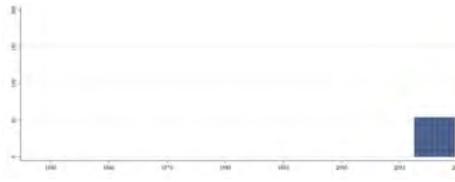
- 1) only some major media organizations disclose the name of their owners or they disclose only some of the owners, or
- 2) the information is public but obtaining it takes two weeks or more.

A 0 score is earned where at least one of the following conditions apply:

- 1) major media organizations don't disclose the names of their owners, or
- 2) the information is available only to the government.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.58 Practice: journalists and editors adhere to professional practices in reporting (aii\_q53)**

Sub-score (0-100). Question no. 53. In practice, journalists and editors adhere to strict, professional practices in their reporting.

A 100 score is earned where all the following conditions are met:

- 1) major media organizations have a formal document with standards guiding journalistic work (Code of Ethics, Editorial Guidelines, Statement of Principles, Code of Conduct, etc.),
- 2) the document codifies standards for use of anonymous sources, conflicts of interest, and impartiality, and
- 3) major media organizations enforce this document.

A 50 score is earned where any of the following conditions apply:

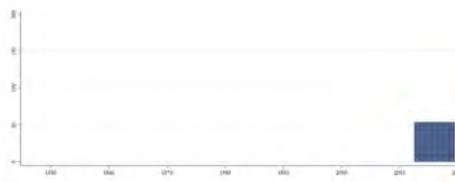
- 1) some but not all major media organizations have a formal document,
- 2) the formal document contains only one of the three aspects mentioned in 100 (use of anonymous sources, conflicts of interest, and impartiality), or
- 3) major media organizations enforce this document but some exceptions exist.

A 0 score is earned where at least one of the following conditions apply:

- 1) most major media organizations lack a formal document,
- 2) the formal document is vague and doesn't provide guidance on use of anonymous sources, conflicts of interest, and impartiality, or
- 3) major media organizations rarely or never enforce this document.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

**4.2.59 Law: it's legal to report accurate news even if it damages pub. figures' reput. (aii\_q54)**

Sub-score (0-100). Question no. 54. In law, it is legal to report accurate news even if it damages the reputation of a public figure.

A 100 score is earned where all the following conditions are met:

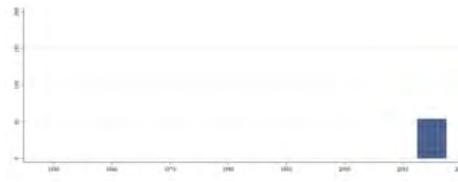
- 1) it is legal to report accurate information on public figures regardless of the damage to their reputations,
- 2) journalists can only be convicted if malice is proved (a story was published even though the journalist knew it was false or didn't try to verify it).

Note: Public figures include anyone in a position of responsibility in the government or civil service; political leaders; and leaders of civil society organizations, religious groups, trade unions, or large businesses.

A 0 score is earned where no such law exists, or a law exists but it doesn't include all the conditions described in 100. A 0 score is also earned where the law establishes the presumption of bad faith for all comments deemed defamatory and/or the burden of proof falls to journalists.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.60 Practice: the government does not promote the media's self-censorship (aii\_q55)

Sub-score (0-100). Question no. 55. In practice, there is no prior government restraint (pre-publication censoring) and the government doesn't promote the media's self-censorship.

A 100 score is earned where all the following conditions are met:

- 1) the government never prevents the publication of information, and
- 2) the government doesn't promote the media's self-censorship (e.g. with threats, discrimination in the application of tax laws, government advertising, etc.).

A 50 score is earned where any of the following conditions apply:

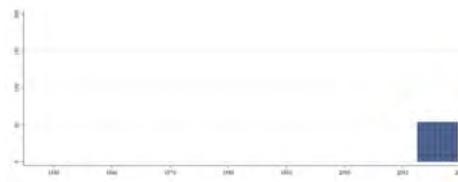
- 1) the government occasionally prevents the publication of information, or
- 2) it occasionally encourages the media to self-censor (e.g. with threats, discrimination in the application of tax laws, government advertising, etc.).

A 0 score is earned where at least one of the following conditions apply:

- 1) the government usually prevents the publication of information, or
- 2) it usually encourages the media to self-censor (e.g. with threats, discrimination in the application of tax laws, government advertising, etc.).



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.61 Practice: government doesn't promote the self-censorship of citizens online (aii\_q56)

Sub-score (0-100). Question no. 56. In practice, there is no prior government restraint (pre-publication censoring) of citizen-created content online and the government doesn't promote the self-censorship of citizens online (in blogs, social media, etc.).

A 100 score is earned where all the following conditions are met:

- 1) the government never prevents the publication online of information by citizens, and
- 2) the government doesn't promote citizen's self-censorship (e.g. with arrests, threats to prosecute, interrogations, etc.).

A 50 score is earned where any of the following conditions apply:

- 1) the government occasionally prevents the publication online of information by citizens, or

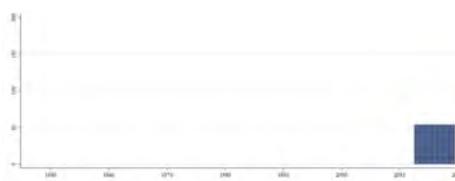
2) it occasionally encourages citizens to self-censor (e.g. with arrests, threats to prosecute, interrogations, etc.).

A 0 score is earned where at least one of the following conditions apply:

- 1) the government usually prevents the publication online of information by citizens, or
- 2) it usually encourages citizens to self-censor (e.g. with arrests, threats to prosecute, interrogations, etc.).



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

#### 4.2.62 Practice: government doesn't block (or ask ICT firms to block) online content (aia\_q57)

Sub-score (0-100). Question no. 57. In practice, the government does not block (or require ICT firms to block) online content.

A 100 score is earned where all the following conditions are met:

- 1) there is no evidence that politically sensitive websites, keywords, search results or content are filtered, blocked or taken down, and
- 2) Web users in the country are able to access any website in the world without restriction. A 100 score can still be earned if child pornography or delinquent intellectual property websites have been taken down.

A 50 score is earned where any of the following conditions apply:

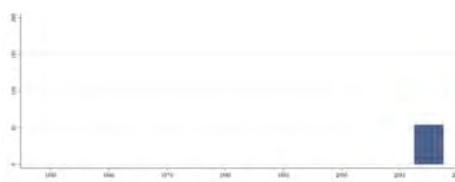
- 1) a small number of sites, keywords or search results on a specific issue are blocked (blocking cannot include widely used Internet tools such as Skype, Google, YouTube, or Facebook/Twitter), or
- 2) citizens are occasionally unable to access certain websites (national or international).

A 0 score is earned where at least one of the following conditions apply:

- 1) politically sensitive websites, keywords, search results or content are usually filtered, blocked or taken down, or
- 2) Web users in the country are usually unable to access many websites without restriction, including widely used Internet tools such as Skype, Google, YouTube, or Facebook/Twitter.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.63 Practice: ministries and autonomous agencies have websites (aia\_q58)

Sub-score (0-100). Question no. 58. In practice, ministries and autonomous agencies have websites.

A 100 score is earned where all the following conditions are met:

- 1) all ministries and autonomous agencies (public service providers) have websites, and
- 2) are updated at least once a month.

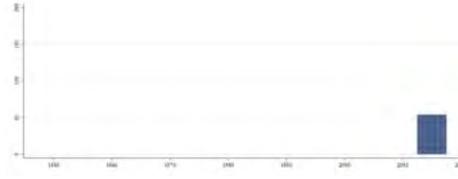
A 50 score is earned where any of the following conditions apply:

- 1) about half of the ministries and autonomous agencies (public service providers) have websites, or
- 2) the websites are updated less than once a month.

A 0 score is earned where less than 10% of the ministries and autonomous agencies (public service providers) have websites.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.64 Practice: the public services regulatory agencies have websites (aii\_q59)

Sub-score (0-100). Question no. 59. In practice, the public services regulatory agencies and the national ombudsman (when and if there is one) have websites.

A 100 score is earned where all the following conditions are met:

- 1) all the public services regulatory agencies and the national ombudsman (if one exists) have websites,
- 2) the websites inform users of their rights and how to exercise them in a way that is easy to grasp for users with limited education, and
- 3) the websites allow users to file complaints online. Note: other digital methods to file complaints, such as mobile apps or phone lines, can also be considered for this indicator.

A 50 score is earned where any of the following conditions apply:

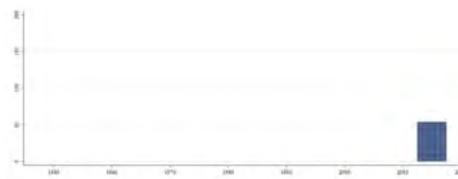
- 1) some but not all the public services regulatory agencies and the national ombudsman have websites,
- 2) the websites contain little information about users rights and how to exercise them or the information is difficult to grasp for users with limited education, or
- 3) the websites don't allow users to file complaints online.

A 0 score is earned where at least one of the following conditions apply:

- 1) the public services regulatory agencies and the national ombudsman lack websites, or
- 2) the websites generally lack basic information about users rights or how to exercise them.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2017  
N: 54 n: 270  $\bar{N}$ : 54  $\bar{T}$ : 5

#### 4.2.65 Rule of law sub-index (aii\_rol)

Rule of Law. This sub index from 0 to 100 is composed of:

41. In law, citizens have a right to request public information from state bodies.
42. In practice, citizen requests for public information are effective.
43. In practice, citizens can access legislative processes and documents.
44. In law, senior officials of the three branches of government (including heads of state and government, ministers, members of Parliament, judges, etc.) are required to disclose records of their assets

and disclosures are public.

45. In practice, the asset disclosure process for senior officials of the three branches of government (heads of state and government, ministers, members of Parliament, judges, etc.) is effective.

46. In law, members of the civil service are required to disclose records of their assets and the disclosures are public.

47. In practice, the asset disclosure process for members of the civil service is effective.

48. In law, political parties are required to regularly disclose public donations (funds sourced from the government).

49. In practice, political parties regularly disclose public donations (funds that are sourced from the government) and the disclosures are easily available to the public.

50. In law, political parties are required to regularly disclose private donations.

51. In practice, political parties regularly disclose private donations and the disclosures are easily available to the public.

52. In practice, media organizations (print, broadcast, online) disclose the identities of their owners to the public.

53. In practice, journalists and editors adhere to strict, professional practices in their reporting.

54. In law, it is legal to report accurate news even if it damages the reputation of a public figure.

55. In practice, there is no prior government restraint (pre-publication censoring) and the government doesn't promote the media's self-censorship.

56. In practice, there is no prior government restraint (pre-publication censoring) of citizen-created content online and the government doesn't promote the self-censorship of citizens online (in blogs, social media, etc.).

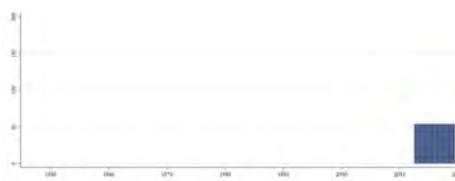
57. In practice, the government does not block (or require ICT firms to block) online content.

58. In practice, ministries and autonomous agencies have websites.

59. In practice, the public services regulatory agencies and the national ombudsman (when and if there is one) have websites.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2013 Max. Year: 2019  
N: 54 n: 378  $\bar{N}$ : 54  $\bar{T}$ : 7

### 4.3 Acemoglu, Johnson and Robinson

<http://economics.mit.edu/faculty/acemoglu/data/ajr2001>

(Acemoglu et al., 2001)

(Data downloaded: 2020-09-07)

#### Settler Mortality

Data used in the article The Colonial Origins of Comparative Development: An Empirical Investigation.

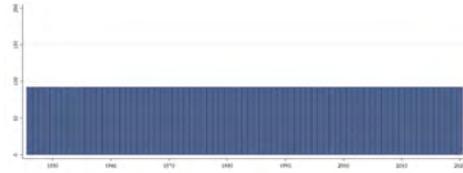
##### 4.3.1 Log Settler Mortality (ajr\_settmort)

Log of the mortality rate faced by European settlers at the time of colonization.

Note: The data for Ethiopia is used for both Ethiopia (-1992) and Ethiopia (1993-).



Min. Year:2017 Max. Year: 2017  
N: 86



Min. Year:1946 Max. Year: 2020  
N: 92 n: 6900  $\bar{N}$ : 92  $\bar{T}$ : 75

#### 4.4 Alesina, Devleeschauwer, Easterly, Kurlat and Wacziarg

[http://www.anderson.ucla.edu/faculty\\_pages/romain.wacziarg/papersum.html](http://www.anderson.ucla.edu/faculty_pages/romain.wacziarg/papersum.html)

(Alesina et al., 2003)

(Data downloaded: 2020-09-10)

##### Fractionalization

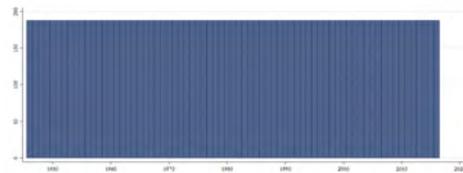
The variables reflect the probability that two randomly selected people from a given country will not share a certain characteristic, the higher the number the less probability of the two sharing that characteristic. The data was last updated by the authors in 2003. For the QoG Data, the data from the year 2000 is repeated throughout the other years, then, these variables should be taken as historical variables.

##### 4.4.1 Ethnic Fractionalization in the year 2000 (al\_ethnic2000)

Ethnic Fractionalization in the year 2000. The definition of ethnicity involves a combination of racial and linguistic characteristics. The result is a higher degree of fractionalization than the commonly used ELF-index (see el\_elf60) in for example Latin America, where people of many races speak the same language.



Min. Year:2016 Max. Year: 2016  
N: 186



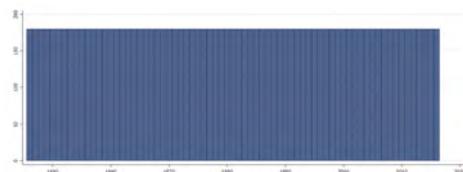
Min. Year:1946 Max. Year: 2016  
N: 188 n: 13348  $\bar{N}$ : 188  $\bar{T}$ : 71

##### 4.4.2 Language Fractionalization in the year 2000 (al\_language2000)

Linguistic Fractionalization in the year 2000. Reflects probability that two randomly selected people from a given country will not belong to the same linguistic group. The higher the number, the more fractionalized society.



Min. Year:2016 Max. Year: 2016  
N: 179



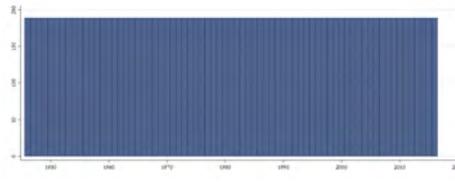
Min. Year:1946 Max. Year: 2016  
N: 180 n: 12780  $\bar{N}$ : 180  $\bar{T}$ : 71

#### 4.4.3 Religion Fractionalization in the year 2000 (al\_religion2000)

Religious Fractionalization in the year 2000. Reflects probability that two randomly selected people from a given country will not belong to the same religious group. The higher the number, the more fractionalized society.



Min. Year: 2016 Max. Year: 2016  
N: 188



Min. Year: 1946 Max. Year: 2016  
N: 189 n: 13419  $\bar{N}$ : 189  $\bar{T}$ : 71

### 4.5 The Association of Religion Data Archives

<http://www.thearda.com/Archive/CrossNational.asp>

(Maoz & Henderson, 2013)

(Data downloaded: 2020-09-21)

#### World Religion Project: National Religion Dataset

The World Religion Dataset (WRD) aims to provide detailed information about religious adherence worldwide since 1945. It contains data about the number of adherents by religion in each of the states in the international system. These numbers are given for every half-decade period (1945, 1950, etc., through 2010). Percentages of the states' populations that practice a given religion are also provided. (Note: These percentages are expressed as decimals, ranging from 0 to 1, where 0 indicates that 0 percent of the population practices a given religion and 1 indicates that 100 percent of the population practices that religion). Some of the religions are divided into religious families. To the extent data are available, the breakdown of adherents within a given religion into religious families is also provided.

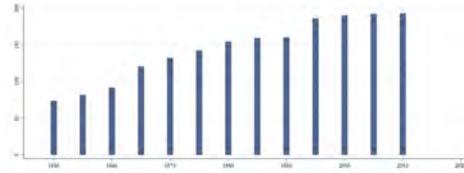
The project was developed in three stages. The first stage consisted of the formation of a religion tree. A religion tree is a systematic classification of major religions and of religious families within those major religions. To develop the religion tree a comprehensive literature review was prepared, the aim of which was (i) to define a religion, (ii) to find tangible indicators of a given religion or religious families within a major religion, and (iii) to identify existing efforts at classifying world religions. (Please see the original survey instrument to view the structure of the religion tree). The second stage consisted of the identification of major data sources of religious adherence and the collection of data from these sources according to the religion tree classification. This created a dataset that included multiple records for some states for a given point in time. It also contained multiple missing data for specific states, specific time periods and specific religions. The third stage consisted of cleaning the data, reconciling discrepancies of information from different sources and imputing data for the missing cases.

The National Religion Dataset: The observation in this dataset is a state-five-year unit. This dataset provides information regarding the number of adherents by religions, as well as the percentage of the state's population practicing a given religion.

#### 4.5.1 Animist religions: Total (% Adherents) (arda\_angenpct)

Animist religions: Total (% Adherents).

## Variable not included in Cross-Section Data



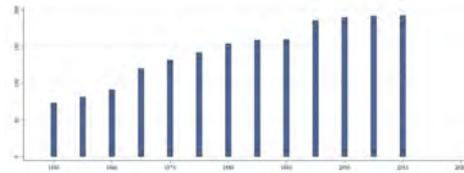
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.2 Baha'i: Total (% Adherents) (arda\_bagenpct)

Baha'i: Total (% Adherents).

## Variable not included in Cross-Section Data



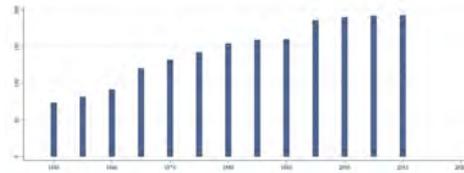
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.3 Buddhism: Total (% Adherents) (arda\_bugenpct)

Buddhism: Total (% Adherents).

## Variable not included in Cross-Section Data



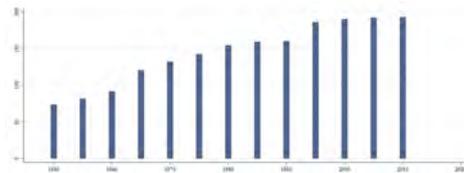
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.4 Buddhism: Mahayana (% Adherents) (arda\_bumahpct)

Buddhism: Mahayana (% Adherents).

## Variable not included in Cross-Section Data



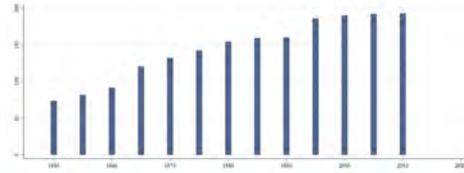
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.5 Buddhism: Other (% Adherents) (arda\_buothpct)

Buddhism: Other (% Adherents).

Variable not included  
in Cross-Section Data



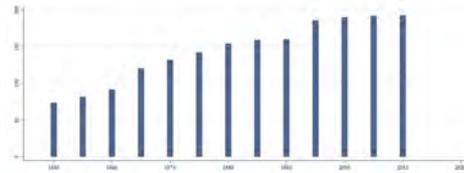
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.6 Buddhism: Theravada (% Adherents) (arda\_buthrpct)

Buddhism: Theravada (% Adherents).

Variable not included  
in Cross-Section Data



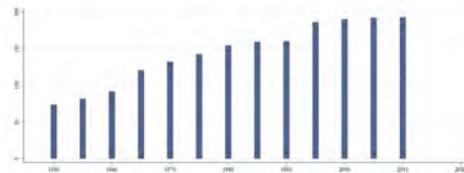
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.7 Christianity: Anglican (% Adherents) (arda\_changpct)

Christianity: Anglican (% Adherents).

Variable not included  
in Cross-Section Data



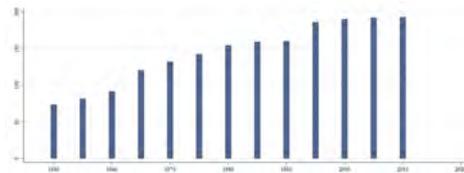
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.8 Christianity: Roman Catholics (% Adherents) (arda\_chcatpct)

Christianity: Roman Catholics (% Adherents).

Variable not included  
in Cross-Section Data



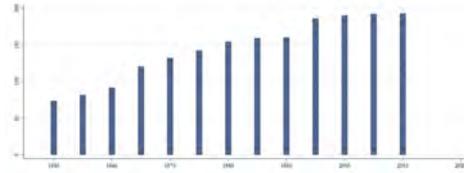
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.9 Christianity: Total (% Adherents) (arda\_chgenpct)

Christianity: Total (% Adherents).

Variable not included  
in Cross-Section Data



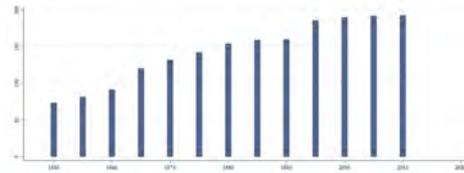
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.10 Christianity: Eastern Orthodox (% Adherents) (arda\_chortpct)

Christianity: Eastern Orthodox (% Adherents).

Variable not included  
in Cross-Section Data



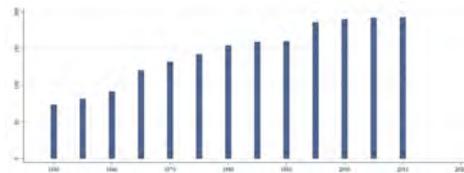
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.11 Christianity: Other (% Adherents) (arda\_chothpct)

Christianity: Other (% Adherents).

Variable not included  
in Cross-Section Data



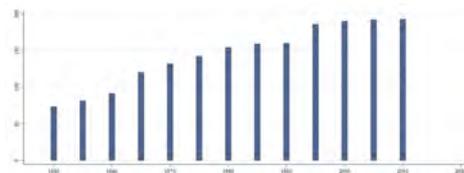
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.12 Christianity: Protestants (% Adherents) (arda\_chprtptct)

Christianity: Protestants (% Adherents).

Variable not included  
in Cross-Section Data



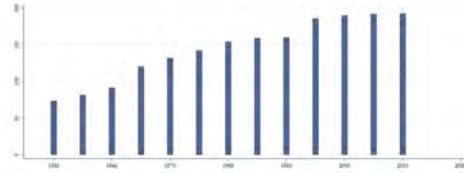
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.13 Confucianism: Total (% Adherents) (arda\_cogenpct)

Confucianism: Total (% Adherents).

Variable not included  
in Cross-Section Data



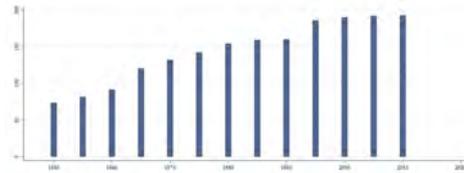
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.14 Hindu: Total (% Adherents) (arda\_higenpct)

Hindu: Total (% Adherents).

Variable not included  
in Cross-Section Data



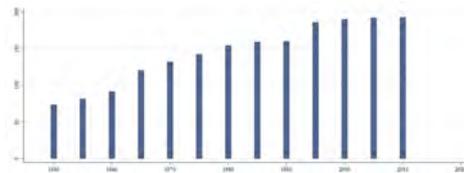
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.15 Islam: Ahmadiyya (% Adherents) (arda\_isahmpct)

Islam: Ahmadiyya (% Adherents).

Variable not included  
in Cross-Section Data



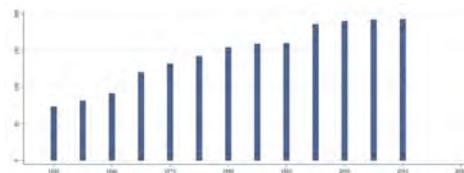
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.16 Islam: Alawite (% Adherents) (arda\_isalapct)

Islam: Alawite (% Adherents).

Variable not included  
in Cross-Section Data



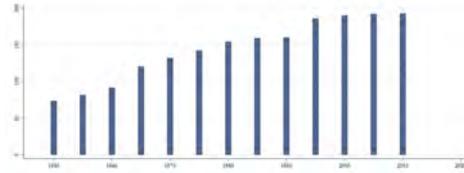
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.17 Islam: Total (% Adherents) (arda\_isgenpct)

Islam: Total (% Adherents).

## Variable not included in Cross-Section Data



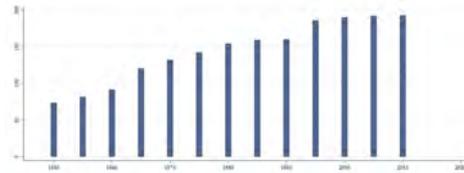
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.18 Islam: Ibadhi (% Adherents) (arda\_isibdpt)

Islam: Ibadhi (% Adherents).

## Variable not included in Cross-Section Data



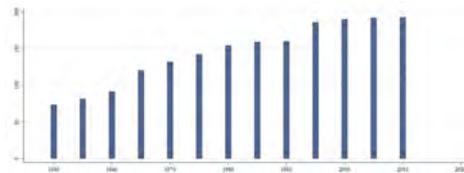
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.19 Islam: Other (% Adherents) (arda\_islotpct)

Islam: Other (% Adherents).

## Variable not included in Cross-Section Data



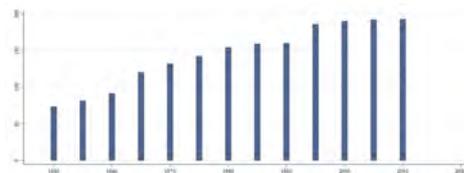
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.20 Islam: Nation of Islam (% Adherents) (arda\_isnatpct)

Islam: Nation of Islam (% Adherents).

## Variable not included in Cross-Section Data



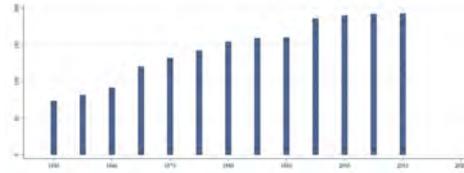
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.21 Islam: Shi'a (% Adherents) (arda\_issshipct)

Islam: Shi'a (% Adherents).

Variable not included  
in Cross-Section Data



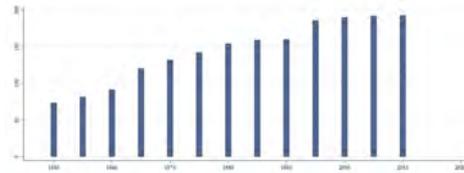
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.22 Islam: Sunni (% Adherents) (arda\_issunpct)

Islam: Sunni (% Adherents).

Variable not included  
in Cross-Section Data



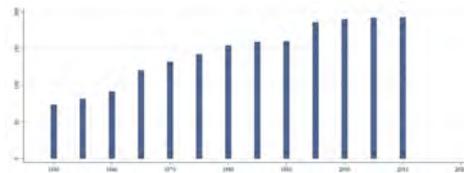
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.23 Jain: Total (% Adherents) (arda\_jagenpct)

Jain: Total (% Adherents).

Variable not included  
in Cross-Section Data



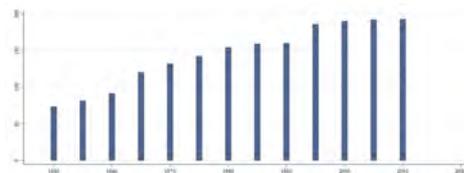
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.24 Judaism: Conservative (% Adherents) (arda\_jdcnpct)

Judaism: Conservative (% Adherents).

Variable not included  
in Cross-Section Data



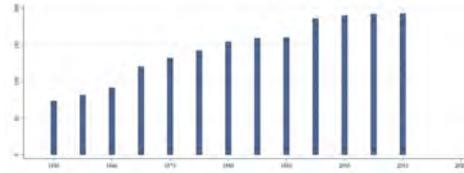
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.25 Judaism: Total (% Adherents) (arda\_jdgenpct)

Judaism: Total (% Adherents).

Variable not included  
in Cross-Section Data



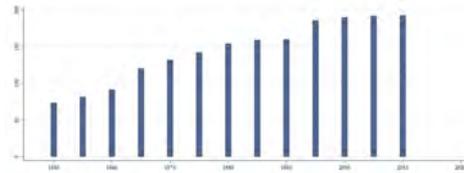
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.26 Judaism: Orthodox (% Adherents) (arda\_jdorpct)

Judaism: Orthodox (% Adherents).

Variable not included  
in Cross-Section Data



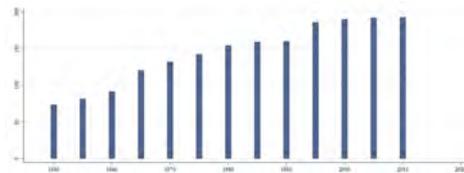
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.27 Judaism: Other (% Adherents) (arda\_jdotpct)

Judaism: Other (% Adherents).

Variable not included  
in Cross-Section Data



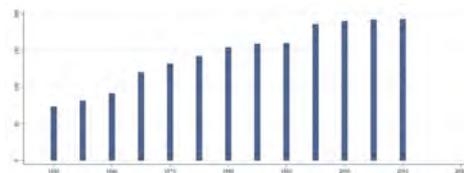
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.28 Judaism: Reform (% Adherents) (arda\_jdrfpct)

Judaism: Reform (% Adherents).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

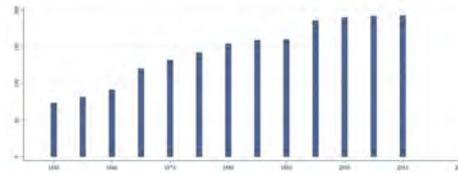
Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.5.29 Non-religious: Total (% Adherents) (arda\_norelpct)

Non-religious: Total (% Adherents).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



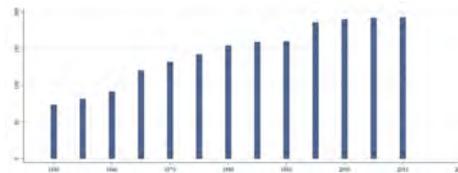
Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.30 Other religions: Total (% Adherents) (arda\_otgenpct)

Other religions: Total (% Adherents).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.31 Shinto: Total (% Adherents) (arda\_shgenpct)

Shinto: Total (% Adherents).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



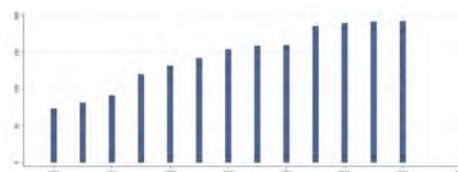
Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.32 Sikh: Total (% Adherents) (arda\_sigenpct)

Sikh: Total (% Adherents).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A

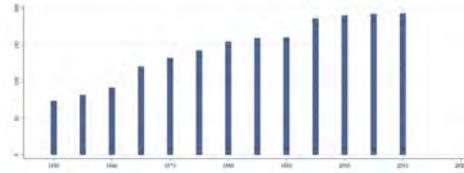


Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.33 Syncretic religions: Total (% Adherents) (arda\_sygenpct)

Syncretic religions: Total (% Adherents).

## Variable not included in Cross-Section Data



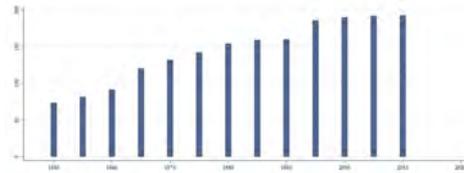
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.34 Taoism: Total (% Adherents) (arda\_tagenpct)

Taoism: Total (% Adherents).

## Variable not included in Cross-Section Data



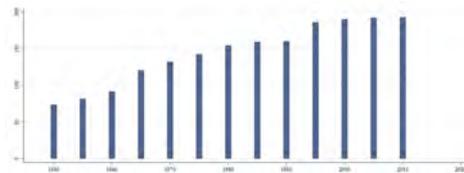
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

### 4.5.35 Zoroastrian: Total (% Adherents) (arda\_zogenpct)

Zoroastrian: Total (% Adherents).

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 206 n: 1875  $\bar{N}$ : 31  $\bar{T}$ : 9

## 4.6 Alliance Treaty Obligations and Provisions Project

<http://www.atopdata.org/>

(Leeds et al., 2002)

(Data downloaded: 2020-12-29)

### The ATOP State-Year dataset

The Alliance Treaty Obligations and Provisions (ATOP) project provides data regarding the content of military alliance agreements signed by all countries of the world between 1815 and 2018.

#### 4.6.1 Member of an Alliance (atop\_ally)

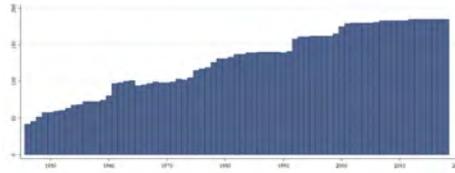
Member of an Alliance

0. Not a member of an alliance

1. Member of an alliance



Min. Year:2017 Max. Year: 2017  
N: 185



Min. Year:1946 Max. Year: 2018  
N: 199 n: 9361  $\bar{N}$ : 128  $\bar{T}$ : 47

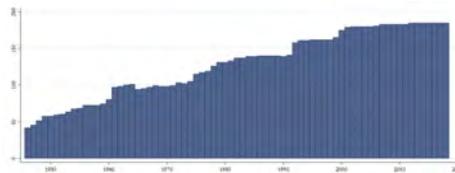
#### 4.6.2 Consultancy Obligation (atop\_consult)

Consultancy Obligation

- 0. Has no Consultancy obligations
- 1. Has Consultancy obligations



Min. Year:2017 Max. Year: 2017  
N: 185



Min. Year:1946 Max. Year: 2018  
N: 199 n: 9361  $\bar{N}$ : 128  $\bar{T}$ : 47

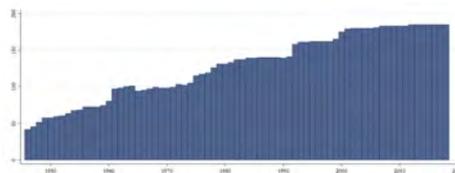
#### 4.6.3 Defensive Obligation (atop\_defensive)

Defensive Obligation

- 0. Has no defensive obligations
- 1. Has defensive obligations



Min. Year:2017 Max. Year: 2017  
N: 185



Min. Year:1946 Max. Year: 2018  
N: 199 n: 9361  $\bar{N}$ : 128  $\bar{T}$ : 47

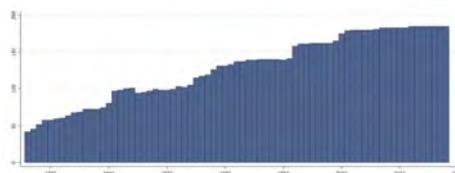
#### 4.6.4 Neutrality Obligation (atop\_neutrality)

Neutrality Obligation

- 0. Has no Neutrality obligations
- 1. Has Neutrality obligations



Min. Year:2017 Max. Year: 2017  
N: 185



Min. Year:1946 Max. Year: 2018  
N: 199 n: 9361  $\bar{N}$ : 128  $\bar{T}$ : 47

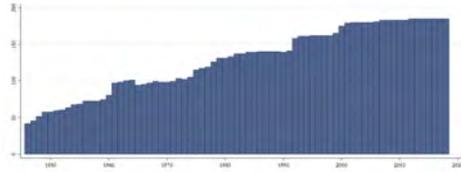
#### 4.6.5 Non-Agression Obligation (atop\_nonagg)

Non-Agression Obligation

- 0. Has no Non-Agression obligations
- 1. Has Non-Agression obligations



Min. Year:2017 Max. Year: 2017  
N: 185



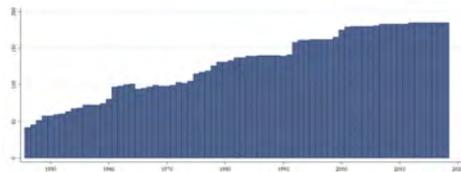
Min. Year:1946 Max. Year: 2018  
N: 199 n: 9361  $\bar{N}$ : 128  $\bar{T}$ : 47

#### 4.6.6 Number of Alliances (atop\_number)

Number of Alliances



Min. Year:2017 Max. Year: 2017  
N: 185



Min. Year:1946 Max. Year: 2018  
N: 199 n: 9361  $\bar{N}$ : 128  $\bar{T}$ : 47

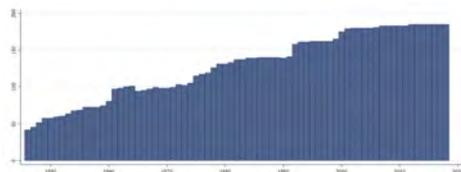
#### 4.6.7 Offensive Obligation (atop\_offensive)

Offensive Obligation

- 0. Has no offensive obligations
- 1. Has offensive obligations



Min. Year:2017 Max. Year: 2017  
N: 185



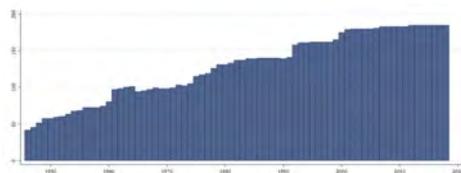
Min. Year:1946 Max. Year: 2018  
N: 199 n: 9361  $\bar{N}$ : 128  $\bar{T}$ : 47

#### 4.6.8 Transition Year (atop\_transyr)

Transition Year



Min. Year:2017 Max. Year: 2017  
N: 185



Min. Year:1946 Max. Year: 2018  
N: 199 n: 9361  $\bar{N}$ : 128  $\bar{T}$ : 47

## 4.7 Sherppa Ghent University

<http://users.ugent.be/~sastanda/BCI/BCI.html>

(Standaert, 2015)

(Data downloaded: 2020-10-14)

### The Bayesian Corruption Index

The Bayesian Corruption Index is a composite index of the perceived overall level of corruption: with corruption referred to as the “abuse of public power for private gain”. Perceived corruption: Given the hidden nature of corruption, direct measures are hard to come by, or inherently flawed (e.g. the number of corruption convictions). Instead, we amalgamate the opinion on the level of corruption from inhabitants of the country, companies operating there, NGOs, and officials working both in governmental and supra-governmental organizations. Composite: it combines the information of 20 different surveys and more than 80 different survey questions that cover the perceived level of corruption.

It is an alternative to the other well-known indicators of corruption perception: the Corruption Perception Index (CPI) published by Transparency International and the Worldwide Governance Indicators (WGI) published by the World Bank. Methodologically, it is most closely related to the latter as the methodology used in the construction of the BCI can be seen as an augmented version of the Worldwide Governance Indicators’ methodology.

The augmentation allows an increase of the coverage of the BCI: a 60% to 100% increase relative to the WGI and CPI, respectively. In addition, in contrast to the WGI or CPI, the underlying source data are entered without any ex-ante imputations, averaging or other manipulations. This results in an index that truly represents the underlying data, unbiased by any modeling choices of the composer.

#### 4.7.1 The Bayesian Corruption Indicator (`bci_bci`)

The BCI index values lie between 0 and 100, with an increase in the index corresponding to a raise in the level of corruption. This is a first difference with CPI and WGI where an increase means that the level of corruption has decreased.

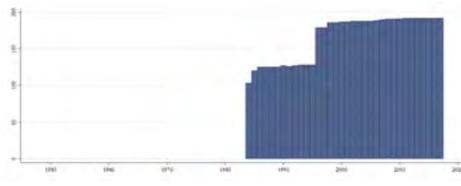
There exists no objective scale on which to measure the perception of corruption and the exact scaling you use is to a large extent arbitrary. However, the authors were able to give the index an absolute scale: zero corresponds to a situation where all surveys say that there is absolutely no corruption. On the other hand, when the index is one, all surveys say that corruption is as bad as it gets according to their scale. This is another difference with CPI and WGI, where the scaling is relative. They are rescaled such that WGI has mean 0 and a standard deviation of 1 in each year, while CPI always lies between 0 and 100.

In contrast, the actual range of values of the BCI will change in each year, depending how close countries come to the situation where everyone agrees there is no corruption at all (0), or that corruption is as bad as it can get (100).

The absolute scale of the BCI index was obtained by rescaling all the individual survey data such that zero corresponds to the lowest possible level of corruption and 1 to the highest one. We subsequently rescaled the BCI index such that when all underlying indicators are zero (one), the expected value of the BCI index is zero (hundred).



Min. Year:2017 Max. Year: 2017  
N: 192



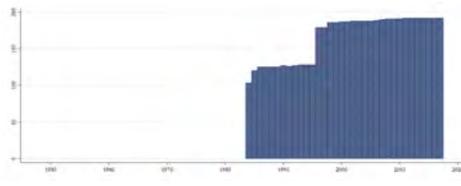
Min. Year:1984 Max. Year: 2017  
N: 199 n: 5639  $\bar{N}$ : 166  $\bar{T}$ : 28

#### 4.7.2 The standard deviation of The Bayesian Corruption Indicator (bci\_bcistd)

The standard deviation of the Bayesian Corruption Index.



Min. Year:2017 Max. Year: 2017  
N: 192



Min. Year:1984 Max. Year: 2017  
N: 199 n: 5639  $\bar{N}$ : 166  $\bar{T}$ : 28

### 4.8 The International Union for Conservation of Nature's Red List of Threatened Species

<https://www.iucnredlist.org/resources/summary-statistics>

(International Union for Conservation of Nature and Natural Resources, 2020)

(Data downloaded: 2021-01-06)

#### IUCN Red List of Threatened Species (version 2020-3)

The IUCN Red List of Threatened Species is widely recognized as the most comprehensive, objective global approach for evaluating the conservation status of plant and animal species. From its small beginning, The IUCN Red List has grown in size and complexity and now plays an increasingly prominent role in guiding conservation activities of governments, NGOs and scientific institutions. The introduction in 1994 of a scientifically rigorous approach to determine risks of extinction that is applicable to all species, has become a world standard.

Note: For reptiles, fishes, molluscs, other invertebrates, plants, fungi & protists: there are still many species that have not yet been assessed for the IUCN Red List and therefore their status is not known (i.e., these groups have not yet been completely assessed). Therefore the figures presented below for these groups should be interpreted as the number of species known to be threatened within those species that have been assessed to date, and not as the overall total number of threatened species for each group.

We advise users to abstain from making comparisons through time using this data, given that there could be changes to the methodology for the country reports.

##### 4.8.1 Threatened Species: Amphibians (bi\_amphibians)

Threatened Species: Amphibians (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.2 Threatened Species: Birds (bi\_birds)

Threatened Species: Birds (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.3 Threatened Species: Chromists (bi\_chromists)

Threatened Species: Chromists (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.4 Threatened Species: Fishes (bi\_fishes)

Threatened Species: Fishes (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.5 Threatened Species: Fungi (bi\_fungi)

Threatened Species: Fungi (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.6 Threatened Species: Mammals (bi\_mammals)

Threatened Species: Mammals (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.7 Threatened Species: Molluscs (bi\_molluscs)

Threatened Species: Molluscs (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.8 Threatened Species: Other Inverts (bi\_othinverts)

Threatened Species: Other Inverts (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.9 Threatened Species: Plants (bi\_plants)

Threatened Species: Plants (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.10 Threatened Species: Reptiles (bi\_reptiles)

Threatened Species: Reptiles (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.8.11 Threatened Species: Total (bi\_total)

Threatened Species: Total (Total number of species reported as endangered per country)



Min. Year: 2019 Max. Year: 2019  
N: 194

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.9 Bonn International Center for Conversion

<http://gmi.bicc.de/>

(Mutschler, Max. M and Marius Bales, 2020)

(Data downloaded: 2020-12-04)

#### Global Militarization Index

Compiled by BICC, the Global Militarization Index (GMI) presents on an annual basis the relative weight and importance of a country's military apparatus in relation to its society as a whole. The GMI 2020 covers 151 states and is based on the latest available figures (in most cases data for 2019). The index project is financially supported by Germany's Federal Ministry for Economic Cooperation and Development.

##### 4.9.1 Global Militarization Index (bicc\_gmi)

The Global Militarization Index is divided into three overarching categories: expenditure, personnel and heavy weapons. (See variables bicc\_milexp, bicc\_milper, and bicc\_hw).

In order to increase the compatibility between different indicators and preventing extreme values from crating distortions when normalizing data, in a first step every indicator was represented in a

logarithm with the factor 10. Second, all data was normalized using the formula  $x=(y-\min)/(\max-\min)$ , with min and max representing, respectively, the lowest and the highest value of the logarithm. In a third step, every indicator was weighted in accordance to a subjective factor, reflecting the relative importance attributed to it by BICC researchers. In order to calculate the final score, the weighted indicators were added together and then normalized one last time on a scale ranging from 0 to 1,000. For better comparison of individual years, all years were finally normalized.

Weighting Factors used:

Military expenditures as percentage of GDP - 5

Military expenditures in relation to health spending - 3

Military and paramilitary personnel in relation to population - 4

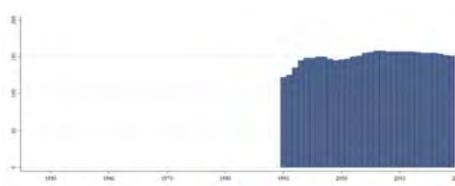
Military reserves in relation to population - 2

Military and paramilitary personnel in relation to physicians - 2

Heavy weapons in relation to population - 4



Min. Year:2014 Max. Year: 2018  
N: 157



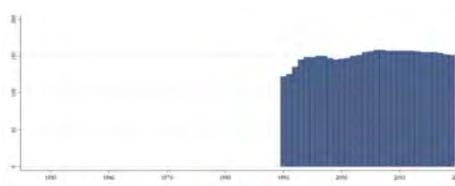
Min. Year:1990 Max. Year: 2019  
N: 168 n: 4499  $\bar{N}$ : 150  $\bar{T}$ : 27

#### 4.9.2 Heavy Weapons Index (bicc\_hw)

The GMI takes into consideration the number of an armed forces' heavy weapons in relation to the total population. Heavy weapons are defined here as any piece of military equipment which fits into either one of four categories: armored vehicles (armored personnel carriers, light tanks, main battle tanks), artillery (multiple rocket launchers, self-propelled artillery, towed artillery) above 100mm caliber, combat aircraft (attack helicopters, fixed-wing fighter aircraft), and major fighting ships (submarines, major surface combatants above corvette size). Data on weapons holdings was collected by BICC from different sources, mainly the Military Balance from ISS. Data on small arms and light weapons (SALW) is not only extremely difficult to obtain but also unreliable and was thus not included in the GMI.



Min. Year:2014 Max. Year: 2018  
N: 157



Min. Year:1990 Max. Year: 2019  
N: 168 n: 4499  $\bar{N}$ : 150  $\bar{T}$ : 27

#### 4.9.3 Military Expenditure Index (bicc\_milexp)

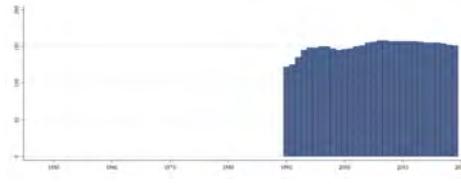
Military spending in relation to GDP and health spending are the most important indicators for determining the level of militarization. Financial resources which are made available via the military budget by a government are an important factor which affects capacities and size of a state's armed forces. The other indicator the GMI uses is the comparison between the total military budget and government spending on health services.

Figures for military expenditure are compiled from the data base of the Stockholm Peace Research Institute SIPRI. Even though SIPRI may currently be regarded as the most reliable source, data on military expenditure has to be treated with extreme caution. For many countries, especially in the developing world and autocratic states, the figures are but rough estimates. In cases where SIPRI does not provide any up-to-date information, we adopted the latest available figures provided they were no older than three years.

Data on gross domestic product was taken from the International Monetary Fund. Data on health expenditure used have been extracted from the data base of the World Health Organization.



Min. Year:2014 Max. Year: 2018  
N: 157



Min. Year:1990 Max. Year: 2019  
N: 168 n: 4499  $\bar{N}$ : 150  $\bar{T}$ : 27

#### 4.9.4 Military Personnel Index (bicc\_milper)

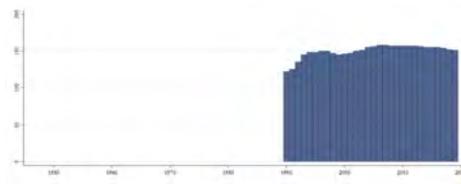
The level of militarization is also represented by the relation of military personnel to the total population and physicians. The first and most important indicator in this category is the active (para)military personnel to the total population. Paramilitary personnel were included here, since in many countries the regular military alone does not adequately reflect the total size of the armed forces. The main criterion for coding an organizational entity as either military or paramilitary is that the forces in question are under the direct control of the government in addition to being armed, uniformed and garrisoned.

For a comprehensive presentation of the available personnel and an adequate representation of the relative level of militarization, a second indicator in this category takes into account the percentage of reserve forces in the total population. This factor is relevant for some countries, such as Switzerland that have a comparably small standing army but a more substantial amount of available reserves within society. The third indicator compares the total amount of military and paramilitary forces with the number of physicians in a country in order to express the relation between military and non-military expertise in a society.

All data on military personnel was compiled from the Military Balance, the yearbook published by the Institute for Strategic and International Studies (IISS). Population size figures were taken from the Vital Statistics Report of the United Nations; data on the number of physicians from the World Health Organization.



Min. Year:2014 Max. Year: 2018  
N: 157



Min. Year:1990 Max. Year: 2019  
N: 168 n: 4499  $\bar{N}$ : 150  $\bar{T}$ : 27

#### 4.10 Bar-Ilan University

<http://www.thearda.com/Archive/Files/Descriptions/RAS3.asp>  
(Fox, 2011) (Fox, 2015) (Fox, 2017) (Fox et al., 2018)  
(Data downloaded: 2020-09-01)

#### Religion and State Project

The Religion and State (RAS) project is a university-based project located at Bar Ilan University in Ramat Gan, Israel. Its goal is to create a set of measures that systematically gauge the intersection between government and religion. Specifically, it examines government religion policy. The project's

goals are threefold:

- To provide an accurate description of government religion policies worldwide.
- To create a tool which will lead to greater understanding of the factors which influence government religion policy.
- To provide the means to examine how government religion policy influences other political, social, and economic factors as well as how those factors influence government religion policy.

Round 2 of the RAS dataset, which is currently the official version available for download, measures the extent of government involvement in religion (GIR) or the lack thereof for 175 states on a yearly basis between 1990 and 2008. This constitutes all countries with populations of 250,000 or more as well as a sampling of smaller states. The data includes the following information:

**Official Religion:** A 15 value variable which measures the official relationship between religion and the state. This includes five categories of official religions and nine categories of state-religion relationships which range from unofficial support for a single religion to overt hostility to all religion.

**Religious Support:** This includes 51 separate variables which measure different ways a government can support religion including financial support, policies which enforce religious laws, and other forms of entanglement between government and religion.

**Religious Restrictions:** This includes 29 separate variables which measure different ways governments regulate, restrict, or control all religions in the state including the majority religion. This includes restrictions on religion's political role, restrictions on religious institutions, restrictions on religious practices, and other forms of regulation, control, and restrictions.

**Religious Discrimination:** This includes 30 types of restrictions that are placed on the religious institutions and practices of religious minorities that are not placed on the majority group. This includes restrictions on religious practices, restrictions on religious institutions and clergy, restrictions on conversion and proselytizing, and other restrictions.

The dataset also includes several sets of detailed variables measuring certain policies in depth. These topics include religious education, the registration of religious organizations, restrictions on abortion, restrictions on proselytizing, and religious requirements for holding public office or citizenship.

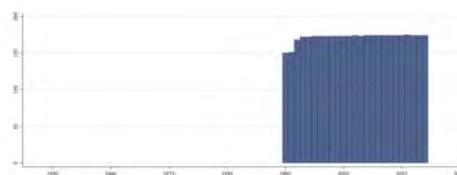
#### 4.10.1 Official Religion (biu\_offrel)

Official Religion measures whether the government has an established religion. For a religion to be established there must be a constitutional clause, a law, or the equivalent explicitly stating that a specific religion or specific religions are the official religions of that state. This variable is coded on the following scale:

0. The State has no official religion
1. The state has multiple established religions
2. The state has one established religion



Min. Year:2014 Max. Year: 2014  
N: 174



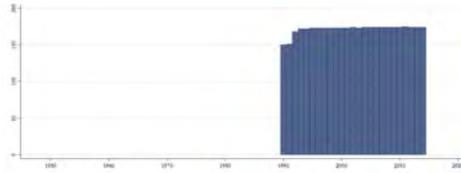
Min. Year:1990 Max. Year: 2014  
N: 180 n: 4286  $\bar{N}$ : 171  $\bar{T}$ : 24

#### 4.10.2 Religious Legislation (biu\_relleg)

Composite measure of religious legislation, 2014 (higher scores indicate higher levels of religious legislation).



Min. Year:2014 Max. Year: 2014  
N: 174



Min. Year:1990 Max. Year: 2014  
N: 180 n: 4286  $\bar{N}$ : 171  $\bar{T}$ : 24

## 4.11 Barro and Lee

<http://www.barrolee.com/>  
(Barro & Lee, 2013)  
(Data downloaded: 2020-06-11)

### Educational Attainment Dataset

The Barro-Lee Data set provide data disaggregated by sex and by 5-year age intervals. It provides educational attainment data for 146 countries in 5-year intervals from 1950 to 2010. It also provides information about the distribution of educational attainment of the adult population over age 15 and over age 25 by sex at seven levels of schooling - no formal education, incomplete primary, complete primary, lower secondary, upper secondary, incomplete tertiary, and complete tertiary. Average years of schooling at all levels - primary, secondary, and tertiary - are also measured for each country and for regions in the world. Aside from updating and expanding the previous estimates (1993, 1996, and 2001), the accuracy of estimation in the current version is improved by using more information and better methodology. To reduce measurement error, the new estimates are constructed using recently available census/survey observations from consistent census data, disaggregated by age group, and new estimates of mortality rate and completion rate by age and by education.

#### 4.11.1 Average Schooling Years, Female (bl\_asyf)

Average Schooling Years, Female (25+).

Variable not included  
in Cross-Section Data



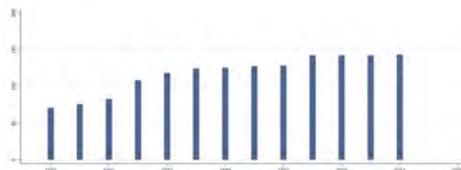
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

#### 4.11.2 Average Schooling Years, Male (bl\_asyf)

Average Schooling Years, Male (25+).

Variable not included  
in Cross-Section Data



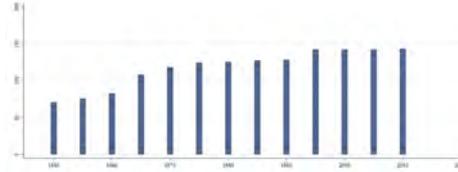
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

#### 4.11.3 Average Schooling Years, Female and Male (bl\_asymf)

Average Schooling Years, Female and Male (25+).

Variable not included  
in Cross-Section Data



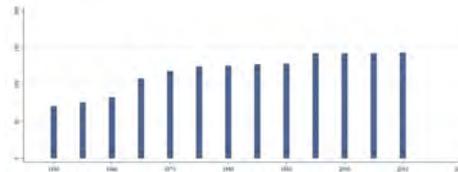
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

#### 4.11.4 Percentage with Tertiary Schooling, Female (bl\_lhf)

Percentage with Tertiary Schooling, Female (25+).

Variable not included  
in Cross-Section Data



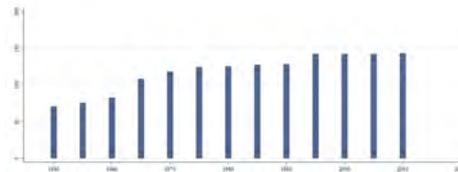
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

#### 4.11.5 Percentage with Tertiary Schooling, Male (bl\_lhm)

Percentage with Tertiary Schooling, Male (25+).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

#### 4.11.6 Percentage with Tertiary Schooling, Female and Male (bl\_lhmf)

Percentage with Tertiary Schooling, Female and Male (25+).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

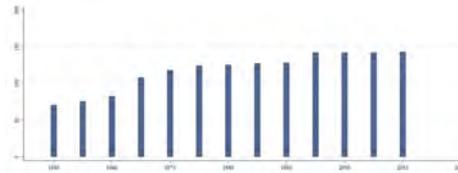
Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

#### 4.11.7 Percentage with Primary Schooling, Female (bl\_lpf)

Percentage with Primary Schooling, Female (25+).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



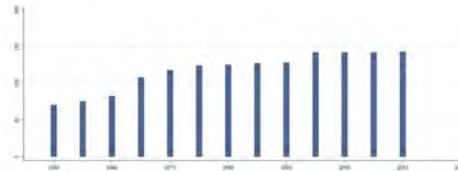
Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

### 4.11.8 Percentage with Primary Schooling, Male (bl\_lpm)

Percentage with Primary Schooling, Male (25+).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

### 4.11.9 Percentage with Primary Schooling, Female and Male (bl\_lpmf)

Percentage with Primary Schooling, Female and Male (25+).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

### 4.11.10 Percentage with Secondary Schooling, Female (bl\_lsf)

Percentage with Secondary Schooling, Female (25+).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

### 4.11.11 Percentage with Secondary Schooling, Male (bl\_lsm)

Percentage with Secondary Schooling, Male (25+).

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

### 4.11.12 Percentage with Secondary Schooling, Female and Male (bl\_lsmf)

Percentage with Secondary Schooling, Female and Male (25+).

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

### 4.11.13 Percentage with No Schooling, Female (bl\_luf)

Percentage with No Schooling, Female (25+).

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

### 4.11.14 Percentage with No Schooling, Male (bl\_lum)

Percentage with No Schooling, Male (25+).

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

### 4.11.15 Percentage with No Schooling, Female and Male (bl\_lumf)

Percentage with No Schooling, Female and Male (25+).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1950 Max. Year: 2010  
N: 150 n: 1529  $\bar{N}$ : 25  $\bar{T}$ : 10

### 4.12 Boix, Miller and Rosato

<https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/FJLMKT>

(Boix et al., 2018)

(Data downloaded: 2020-09-23)

#### Boix-Miller-Rosato Dichotomous Coding of Democracy, 1800-2010

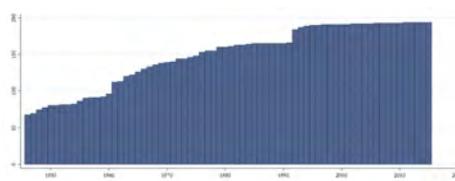
This data set provides a dichotomous coding of democracy from 1800 until 2015, however QoG data contains information from 1946 onwards. Authors define a country as democratic if it satisfies conditions for both contestation and participation. Specifically, democracies feature political leaders chosen through free and fair elections and satisfy a threshold value of suffrage.

##### 4.12.1 Dichotomous democracy measure (bmr\_dem)

Dichotomous democracy measure.



Min. Year:2015 Max. Year: 2015  
N: 194



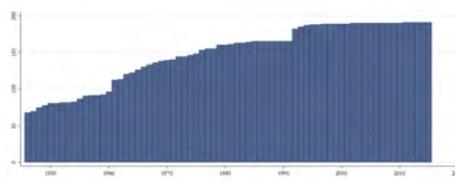
Min. Year:1946 Max. Year: 2015  
N: 210 n: 10426  $\bar{N}$ : 149  $\bar{T}$ : 50

##### 4.12.2 Number of previous democratic breakdowns (bmr\_dembr)

Previous number of democratic breakdowns.



Min. Year:2015 Max. Year: 2015  
N: 191



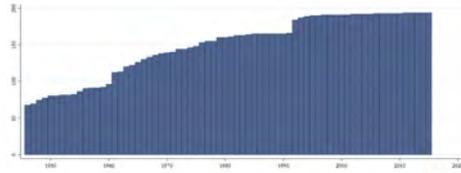
Min. Year:1946 Max. Year: 2015  
N: 207 n: 10367  $\bar{N}$ : 148  $\bar{T}$ : 50

##### 4.12.3 Consecutive years of current regime type (bmr\_demdur)

Consecutive years of current regime type.



Min. Year:2015 Max. Year: 2015  
N: 194



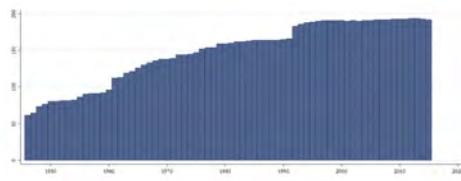
Min. Year:1946 Max. Year: 2015  
N: 210 n: 10426  $\bar{N}$ : 149  $\bar{T}$ : 50

#### 4.12.4 Dichotomous democracy measure (incl. missing for some countries) (bmr\_demmis)

This is the same measure as democracy (bmr\_dem), except it records an NA for countries occupied during an international war (e.g., the Netherlands 1940-44) or experiencing state collapse during a civil war (e.g., Lebanon 1976-89). The democracy variable instead fills in these years as continuations of the same regime type.



Min. Year:2014 Max. Year: 2015  
N: 193



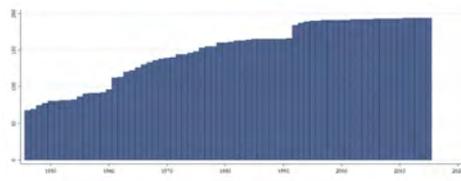
Min. Year:1946 Max. Year: 2015  
N: 210 n: 10376  $\bar{N}$ : 148  $\bar{T}$ : 49

#### 4.12.5 Democratic transition (bmr\_demtran)

- (-1) Democratic breakdown
- (0) No change
- (1) Democratic transition



Min. Year:2015 Max. Year: 2015  
N: 194



Min. Year:1946 Max. Year: 2015  
N: 210 n: 10426  $\bar{N}$ : 149  $\bar{T}$ : 50

### 4.13 Bernhard, Nordstrom and Reenock

<http://users.clas.ufl.edu/bernhard/content/data/data.htm>  
(Bernhard et al., 2001)  
(Data downloaded: 2020-09-21)

#### Event History Coding of Democratic Breakdowns

Binary coding of all democracies from 1913 until 2005 prepared for use in event history analysis.

##### 4.13.1 Democratic Breakdown (bnr\_dem)

The variable is a binary coding of all democracies from 1913 until 2005 (included in the QoG dataset are only the years 1946-2005) prepared for use in event history analysis. Countries that meet the minimum conditions for democracy (see below) enter the dataset and are coded “0”. When countries cease to meet those minimum criteria they are coded “1” and exit from the dataset. If, after a

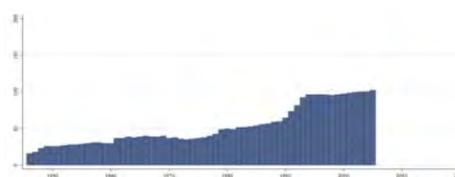
democratic breakdown, a country again meets our minimum criteria it re-enters the data as a new democratic episode. The time frame onset in 1913 is a function of when the first country (Norway) meets the minimum conditions. All series terminate in either in a breakdown in various years or right censorship in 2005. The minimal conditions are based on Dahl's notion of polyarchy (competitiveness, inclusiveness) combined with Linz and Stepan's stateness criteria.

**Competitiveness:** Countries that hold elections for both the executive and legislature, and in which more than one party contests the elections, are included. However, we exclude cases in which we detected outcome changing vote fraud, in which there was either extensive or extreme violence that inhibited voters' preference expression, or in which political parties representing a substantial portion of the population were banned.

**Inclusiveness:** We only include competitive polities in which at least fifty percent of all adult citizens are enfranchised to vote in our set of democracies.

**Stateness:** We also considered questions of sovereignty, not including colonial states, where founding elections were held prior to the granting of independence, and countries experiencing internal wars in which twenty percent or greater of the population or territory was out of control of the state.

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1946 Max. Year: 2005  
N: 126 n: 3162  $\bar{N}$ : 53  $\bar{T}$ : 25

#### 4.14 Bertelsmann Stiftung

<https://www.bti-project.org/en/home>  
(Donner et al., 2020)  
(Data downloaded: 2020-06-10)

##### Bertelsmann Transformation Index

The Bertelsmann Stiftung's Transformation Index (BTI) analyzes and evaluates the quality of democracy, a market economy and political management in 137 developing and transition countries. It measures successes and setbacks on the path toward a democracy based on the rule of law and a socially responsible market economy.

In-depth country reports provide the basis for assessing the state of transformation and persistent challenges, and to evaluate the ability of policymakers to carry out consistent and targeted reforms. The BTI is the first cross-national comparative index that uses self-collected data to comprehensively measure the quality of governance during processes of transition.

##### 4.14.1 Associational/Assembly Rights (bti\_aar)

To what extent can individuals form and join independent political or civic groups? To what extent can these groups operate and assemble freely? 1-10.

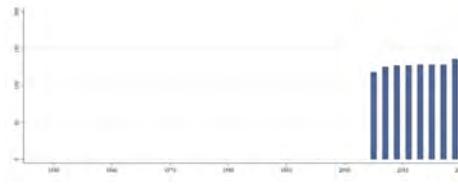
1. Association and assembly rights are denied. Independent civic groups do not exist or are prohibited.

4. Association and assembly rights are severely limited. Oppositional political groups with any relevance are prohibited or systematically disabled. Independent civic groups can operate and assemble if they support the regime or are not outspokenly critical of it.

7. Association and assembly rights are partially limited, but generally there are no outright prohibitions of independent political or civic groups.
10. Association and assembly rights are unrestricted for individuals and independent political or civic groups within the basic democratic order.



Min. Year:2017 Max. Year: 2019  
N: 136



Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

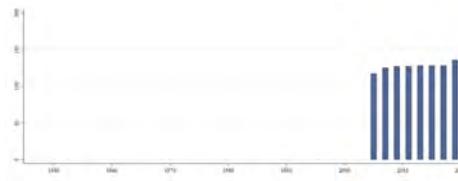
#### 4.14.2 Anti-Corruption Policy (bti\_acp)

To what extent does the government successfully contain corruption? 1-10.

1. The government fails to contain corruption, and there are no integrity mechanisms in place.
4. The government is only partly willing and able to contain corruption, while the few integrity mechanisms implemented are mostly ineffective.
7. The government is often successful in containing corruption. Most integrity mechanisms are in place, but some are functioning only with limited effectiveness.
10. The government is successful in containing corruption, and all integrity mechanisms are in place and effective.



Min. Year:2017 Max. Year: 2019  
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Min. Year:2005 Max. Year: 2019  
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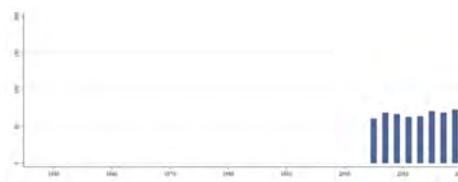
#### 4.14.3 Approval of Democracy (bti\_aod)

How strong is the citizens' approval of democratic norms and procedures? 1-10.

1. Approval of democratic norms and procedures is very low.
4. Approval of democratic norms and procedures is fairly low.
7. Approval of democratic norms and procedures is fairly high.
10. Approval of democratic norms and procedures is very high.



Min. Year:2015 Max. Year: 2019  
N: 81



Min. Year:2005 Max. Year: 2019  
N: 86 n: 537  $\bar{N}$ : 36  $\bar{T}$ : 6

#### 4.14.4 Basic Administration (bti\_ba)

To what extent do basic administrative structures exist? 1-10.

1. The administrative structures of the state are limited to keeping the peace and maintaining law and order. Their territorial scope is very limited, and broad segments of the population are not

covered.

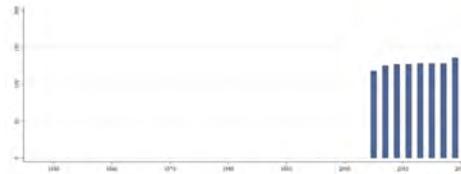
4. The administrative structures of the state are extending beyond maintaining law and order, but their territorial scope and effectivity are limited.

7. The administrative structures of the state provide most basic public services throughout the country, but their operation is to some extent deficient.

10. The state has a differentiated administrative structure throughout the country which provides all basic public services.



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#### 4.14.5 Commitment to Democratic Institutions (bti\_cdi)

To what extent are democratic institutions accepted as legitimate by the relevant actors? 1-10.

1. There are no democratic institutions as such (authoritarian regime).

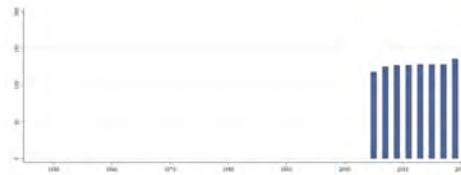
4. Only individual institutions are accepted, while influential actors hold vetoes. Acceptance remains unstable over time.

7. Most democratic institutions are accepted as legitimate by most relevant actors.

10. All democratic institutions are accepted as legitimate by all relevant actors.



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#### 4.14.6 Conflict Intensity (bti\_ci)

How serious are social, ethnic and religious conflicts? 1-10.

1. There are no violent incidents based on social, ethnic or religious differences.

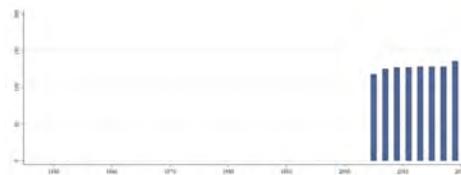
4. There are only few violent incidents. Radical political actors have limited success in mobilizing along existing cleavages. Society and the political elite, however, are divided along social, ethnic or religious lines.

7. There are violent incidents. Mobilized groups and protest movements dominate politics. Society and the political elite are deeply split into social classes, ethnic or religious communities.

10. There is civil war or a widespread violent conflict based on social, ethnic or religious differences.



Min. Year:2017 Max. Year: 2019  
N: 136



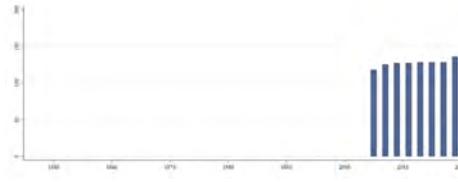
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.7 Monetary and fiscal stability (bti\_cps)

There are institutional or political precautions to achieve monetary and fiscal stability. Including “To what extent does the monetary authority pursue and communicate a consistent monetary stabilization policy?” and “To what extent do the government’s budgetary policies support fiscal stability?”



Min. Year:2017 Max. Year: 2019  
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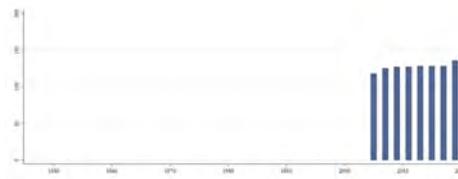
#### 4.14.8 Civil Rights (bti\_cr)

To what extent are civil rights guaranteed and protected, and to what extent can citizens seek redress for violations of these rights? 1-10.

1. Civil rights are not guaranteed and frequently violated. There are no mechanisms and institutions to protect citizens against violations of their rights.
4. Civil rights are guaranteed only within limited enclaves or are violated over protracted periods of time. Some mechanisms and institutions to prosecute, punish and redress violations of civil rights are established formally, but do not function.
7. Civil rights are guaranteed, but are partially or temporarily violated or are not protected in some parts of the country. Mechanisms and institutions to prosecute, punish and redress violations of civil rights are in place, but often prove to be ineffective.
10. Civil rights are guaranteed by the constitution and respected by all state institutions. Infringements present an extreme exception. Citizens are effectively protected by mechanisms and institutions established to prosecute, punish and redress violations of their rights.



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Min. Year:2005 Max. Year: 2019  
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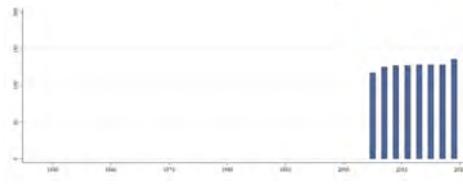
#### 4.14.9 Civil Society Participation (bti\_csp)

To what extent does the political leadership enable the participation of civil society in the political process? 1-10.

1. The political leadership obstructs civil society participation. It suppresses civil society organizations and excludes its representatives from the policy process.
4. The political leadership neglects civil society participation. It frequently ignores civil society actors and formulates its policy autonomously.
7. The political leadership permits civil society participation. It takes into account and accommodates the interests of most civil society actors.
10. The political leadership actively enables civil society participation. It assigns an important role to civil society actors in deliberating and determining policies.



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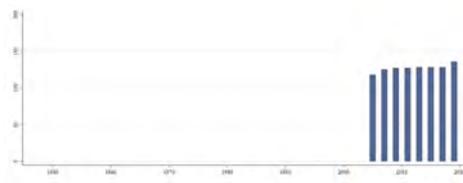
#### 4.14.10 Civil Society Traditions (bti\_cst)

To what extent are there traditions of civil society? 1-10.

- 1. Traditions of civil society are very strong.
- 4. Traditions of civil society are fairly strong.
- 7. Traditions of civil society are fairly weak.
- 10. Traditions of civil society are very weak.



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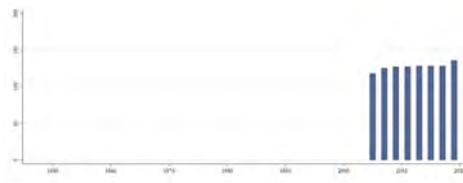
Min. Year:2005 Max. Year: 2019  
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#### 4.14.11 Democracy Status (bti\_ds)

Democracy Status: The state of democracy is measured in terms of five criteria; including stateness, political participation, rule of law, stability of the democratic institutions, and political and social integration 1-10.



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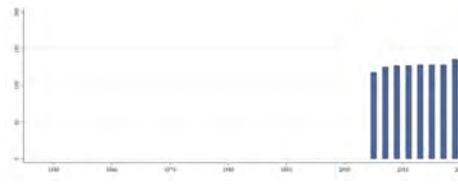
#### 4.14.12 Equal Opportunity (bti\_eo)

To what extent does equality of opportunity exist? 1-10.

- 1. Equality of opportunity is not achieved. Women and/or members of ethnic or religious groups have only very limited access to education, public office and employment. There are no legal provisions against discrimination.
- 4. Equality of opportunity is only partially achieved. Women and/or members of ethnic, religious and other groups have limited access to education, public office and employment. There are some legal provisions against discrimination, but their implementation is highly deficient.
- 7. Equality of opportunity is largely achieved. Women and members of ethnic or religious groups have near-equal access to education, public office and employment. There are a number of legal provisions against discrimination, but their implementation is at times insufficient.
- 10. Equality of opportunity is achieved. Women and members of ethnic or religious groups have equal access to education, public office and employment. There is a comprehensive and effective legal and institutional framework for the protection against discrimination.



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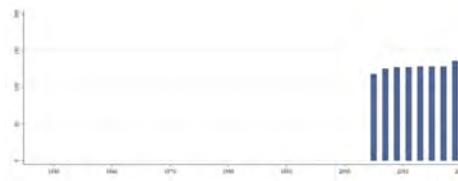
#### 4.14.13 Economic Output Strength (bti\_eos)

How does the economy, as measured in quantitative indicators, perform? 1-10.

1. The economic performance is very poor. Strongly negative macroeconomic data may include negative GDP growth rates, very high unemployment levels, high inflation, large budget deficits, unreasonably high debt and an increasingly unsustainable current account position.
4. The economic performance is poor. Continuing negative macroeconomic data may include stagnant GDP levels, relatively high unemployment levels, low price stability, an unbalanced budget, rising debt and a volatile current account position.
7. The economic performance is good. Moderately positive macroeconomic data may include low GDP growth rates, only moderate unemployment levels, relative price stability, a slightly unbalanced budget, a tendency toward debt and a manageable current account position.
10. The economic performance is very good. Positive macroeconomic data may include relatively high GDP growth rates, relatively high employment levels, price stability, balanced budget, reasonable debt and a sustainable current account position.



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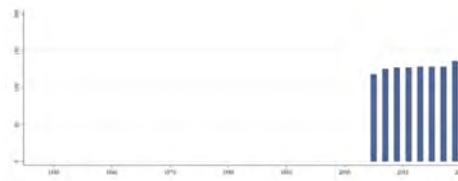
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#### 4.14.14 Economic Performance (bti\_ep)

Economic Performance: The economy's performance points to solid development 1-10.



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#### 4.14.15 Effective Power to Govern (bti\_epg)

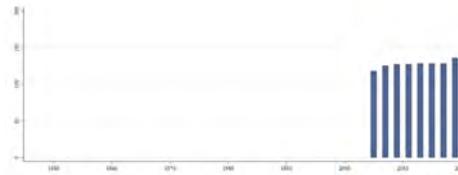
To what extent do democratically elected political representatives have the effective power to govern, or to what extent are there veto powers and political enclaves? 1-10.

1. Political decision-makers are not democratically elected.
4. Democratically elected political representatives have limited power to govern. Strong veto groups are able to undermine fundamental elements of democratic procedures.
7. Democratically elected political representatives have considerable power to govern. However, individual power groups can set their own domains apart or enforce special-interest policies.

10. Democratically elected political representatives have the effective power to govern. No individual or group is holding any de facto veto power.



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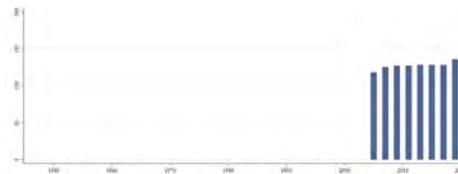
#### 4.14.16 Free and Fair Elections (bti\_ffe)

To what extent are political representatives determined by general, free and fair elections? 1-10.

1. There are no elections on free and fair elections.
4. General, multi-party elections are held, conducted properly and accepted as the means of filling political posts. However, there are some constraints on the fairness of the elections with regard to registration, campaigning or media access.
7. General elections are held, but serious irregularities during voting process and ballot count occur. The rights to vote, campaign and run for office are restricted, and elections have de facto only limited influence over who governs.
10. National elections, if held at all, are entirely unfree and unfair.



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#### 4.14.17 Freedom of Expression (bti\_foe)

To what extent can citizens, organizations and the mass media express opinions freely? 1-10.

1. Freedom of expression is denied. Independent media do not exist or are prohibited.
4. Freedom of expression is often subject to interference or government restrictions. Distortion and manipulation shape matters of public debate.
7. Freedom of expression is occasionally subject to interference or government restrictions, but there are generally no incidents of blatant intrusions like outright state censorship or media shutdowns.
10. Freedom of expression is guaranteed against interference or government restrictions. Individuals, groups and the press can fully exercise these rights.



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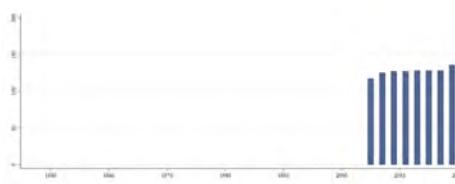
#### 4.14.18 Governance Index (bti\_gi)

Governance Index: It groups the scores of the level of difficulty of management, the steering capacity, the resource efficiency, consensus building, and international cooperation 1-10. Higher scores mean

higher quality of governance.



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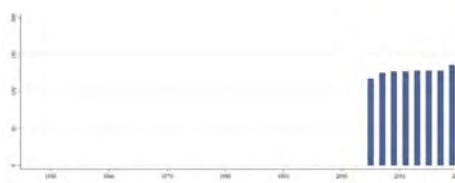
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1016  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.19 Governance Performance (bti\_gp)

Governance Performance: It groups the scores of the steering capability, resource efficiency, consensus building and international cooperation 1-10. Higher scores mean higher governance performance.



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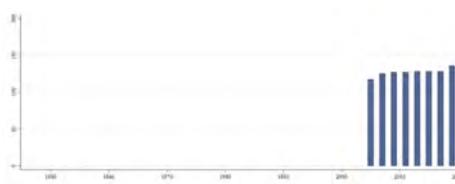
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1016  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.20 International Cooperation (bti\_ic)

The political leadership is willing and able to cooperate with external supporters and organizations. Including “To what extent does the political leadership use the support of international partners to implement a long-term strategy of development?”, “To what extent does the government act as a credible and reliable partner in its relations with the international community?” and “To what extent is the political leadership willing and able to cooperate with neighboring countries?”.



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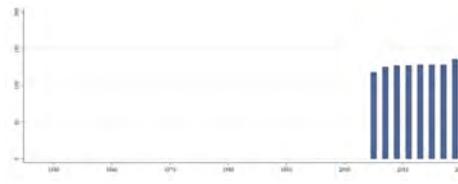
#### 4.14.21 Interest Groups (bti\_ig)

To what extent is there a network of cooperative associations or interest groups to mediate between society and the political system? 1-10.

1. Interest groups are present only in isolated social segments, are on the whole poorly balanced and cooperate little. A large number of social interests remain unrepresented.
4. There is a narrow range of interest groups, in which important social interests are underrepresented. Only a few players dominate, and there is a risk of polarization.
7. There is an average range of interest groups, which reflect most social interests. However, a few strong interests dominate, producing a latent risk of pooling conflicts.
10. There is a broad range of interest groups that reflect competing social interests, tend to balance one another and are cooperative.



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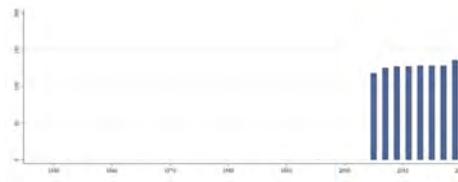
#### 4.14.22 Independent Judiciary (bti\_ij)

To what extent does an independent judiciary exist? 1-10.

1. The judiciary is not independent and not institutionally differentiated.
4. The independence of the judiciary is heavily impaired by political authorities and high levels of corruption. It is to some extent institutionally differentiated, but severely restricted by functional deficits, insufficient territorial operability and scarce resources.
7. The judiciary is largely independent, even though occasionally its decisions are subordinated to political authorities or influenced by corruption. It is institutionally differentiated, but partially restricted by insufficient territorial or functional operability.
10. The judiciary is independent and free both from unconstitutional intervention by other institutions and from corruption. It is institutionally differentiated, and there are mechanisms for judicial review of legislative or executive acts.



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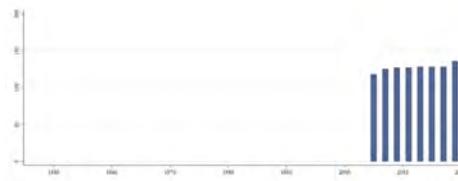
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#### 4.14.23 Level of Difficulty (bti\_lod)

Level of Difficulty in Management: it groups the scores of the structural constraints, the civil society traditions and the conflict intensity of a society 1-10. Higher scores indicate more constraints on management.



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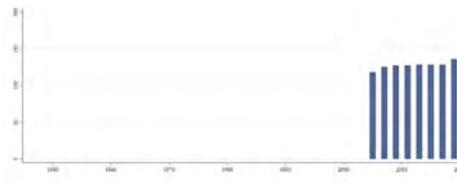
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#### 4.14.24 Economy Status (bti\_mes)

Economy Status: It groups the scores of the level of socioeconomic development, the organization of the market and competition, currency and price stability, private property, the welfare regime, the economic performance, and sustainability 1-10. Higher scores reflect advanced economy status.



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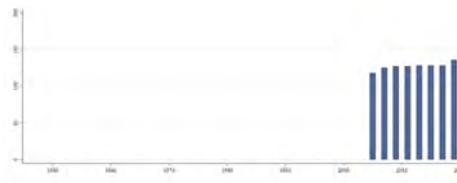
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#### 4.14.25 Organization of the Market and Competition (bti\_mo)

Organization of the Market and Competition: There are clear rules for stable, market-based competition 1-10. State-guaranteed rules for market competition with equal opportunities for all market participants exist in countries with higher scores.



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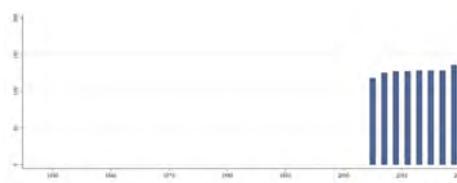
#### 4.14.26 Monopoly on the Use of Force (bti\_muf)

To what extent does the state's monopoly on the use of force cover the entire territory of the country? 1-10.

1. There is no state monopoly on the use of force.
4. The state's monopoly on the use of force is established only in key parts of the country. Large areas of the country are controlled by guerrillas, paramilitaries or clans.
7. The state's monopoly on the use of force is established nationwide in principle, but it is challenged by guerrillas, mafias or clans in territorial enclaves.
10. There is no competition with the state's monopoly on the use of force throughout the entire territory.



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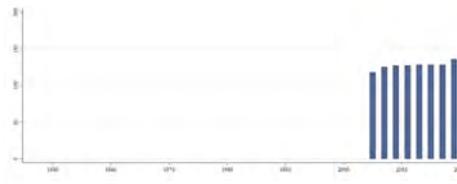
#### 4.14.27 No Interference of Religious Dogmas (bti\_nird)

To what extent are legal order and political institutions defined without interference by religious dogmas? 1-10.

1. The state is theocratic. Religious dogmas define legal order and political institutions.
4. Secular and religious norms are in conflict about the basic constitution of the state or are forming a hybrid system.
7. The state is largely secular. However, religious dogmas have considerable influence on legal order and political institutions.
10. The state is secular. Religious dogmas have no noteworthy influence on legal order or political institutions.



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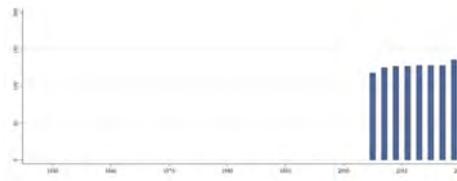
#### 4.14.28 Performance of Democratic Institutions (bti\_pdi)

Are democratic institutions capable of performing? 1-10.

1. There are no democratic institutions as such (authoritarian regime).
4. Democratic institutions exist, but they are unstable and ineffective.
7. Democratic institutions perform their functions in principle, but often are inefficient due to friction between institutions.
10. The ensemble of democratic institutions is effective and efficient. As a rule, political decisions are prepared, made, implemented and reviewed in legitimate procedures by the appropriate authorities.



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Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

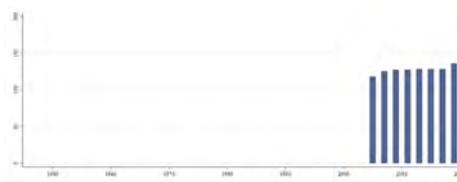
#### 4.14.29 Prosecution of Office Abuse (bti\_poa)

To what extent are public officeholders who abuse their positions prosecuted or penalized? 1-10.

1. Office holders who break the law and engage in corruption can do so without fear of legal consequences or adverse publicity.
4. Office holders who break the law and engage in corruption are not prosecuted adequately under the law, but occasionally attract adverse publicity.
7. Officeholders who break the law and engage in corruption generally are prosecuted under established laws and often attract adverse publicity, but occasionally slip through political, legal or procedural loopholes.
10. Officeholders who break the law and engage in corruption are prosecuted rigorously under established laws and always attract adverse publicity.



Min. Year:2017 Max. Year: 2019  
N: 136



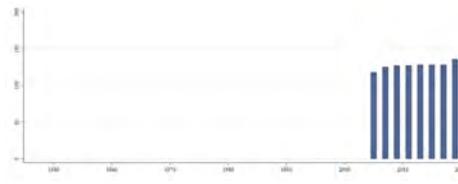
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.30 Political Participation (bti\_pp)

Political Participation: The populace decides who rules, and it has other political freedoms 1-10. Higher scores refer better conditions of political participation and other political freedoms.



Min. Year:2017 Max. Year: 2019  
N: 136



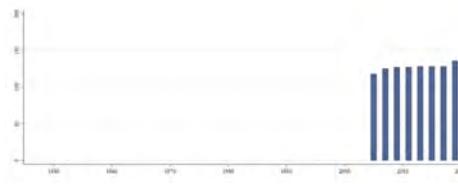
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.31 Private Property (bti\_prp)

There are adequate conditions to support a functional private sector. Including “To what extent do government authorities ensure well-defined rights of private property and regulate the acquisition, benefits, use and sale of property?” and “To what extent are private companies permitted and protected? Are privatization processes conducted in a manner consistent with market principles?”.



Min. Year:2017 Max. Year: 2019  
N: 136



Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

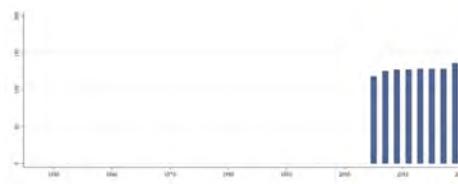
#### 4.14.32 Party System (bti\_ps)

To what extent is there a stable and socially rooted party system able to articulate and aggregate societal interests? 1-10.

1. There is no party system to articulate and aggregate societal interest.
4. The party system is unstable with shallow roots in society: high fragmentation, high voter volatility and high polarization.
7. The party system is fairly stable and socially rooted: moderate fragmentation, moderate voter volatility and moderate polarization.
10. The party system is stable and socially rooted: it is able to articulate and aggregate societal interest with low fragmentation, low voter volatility and low polarization.



Min. Year:2017 Max. Year: 2019  
N: 136



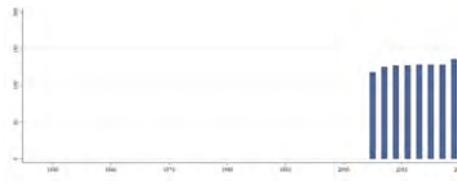
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.33 Political and Social Integration (bti\_psi)

Political and Social Integration: Stable patterns of representation exist for mediating between society and the state; there is also a consolidated civic culture 1-10.



Min. Year:2017 Max. Year: 2019  
N: 136



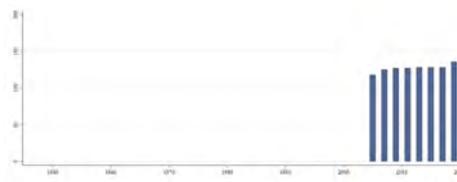
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.34 Rule of Law (bti\_rol)

Rule of Law: State powers check and balance one another and ensure civil rights. Including “To what extent is there a working separation of powers (checks and balances)”, “To what extent does an independent judiciary exist?”, “To what extent are public officeholders who abuse their positions prosecuted or penalized?” and “To what extent are civil rights guaranteed and protected, and to what extent can citizens seek redress for violations of these rights?”.



Min. Year:2017 Max. Year: 2019  
N: 136



Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

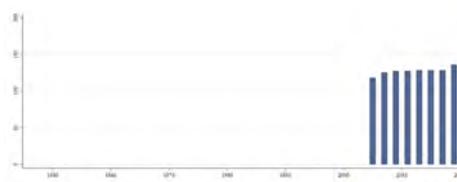
#### 4.14.35 Social Capital (bti\_sc)

Social Capital: To what extent have social self-organization and the construction of social capital advanced? This question aims to assess the level of trust between citizens, which fosters cooperation and mutual support for purposes of self-help, rather than primarily to further political objectives.

1. There is a very low level of trust among the population, and civic self-organization is rudimentary.
4. There is a fairly low level of trust among the population. The small number of autonomous, self-organized groups, associations and organizations is unevenly distributed or spontaneous and temporary.
7. There is a fairly high level of trust among the population and a substantial number of autonomous, self-organized groups, associations and organizations.
10. There is a very high level of trust among the population and a large number of autonomous, self-organized groups, associations and organizations.



Min. Year:2017 Max. Year: 2019  
N: 136



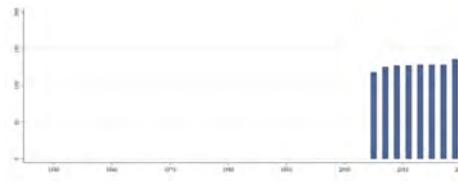
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.36 Stability of Democratic Institutions (bti\_sdi)

Stability of Democratic Institutions: Democratic institutions are capable of performing, and they are adequately accepted as legitimate 1-10.



Min. Year:2017 Max. Year: 2019  
N: 136



Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

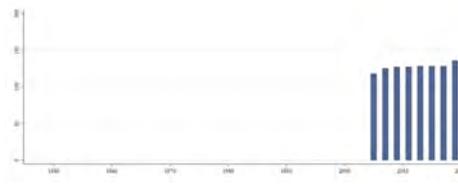
#### 4.14.37 Socio-Economic Barriers (bti\_seb)

To what extent are significant parts of the population fundamentally excluded from society due to poverty and inequality? 1-10.

1. Poverty and inequality are extensive and structurally ingrained.
4. Poverty and inequality are pronounced and partly structurally ingrained.
7. Poverty and inequality are limited and barely structurally ingrained.
10. Poverty and inequality are minor and not structurally ingrained.



Min. Year:2017 Max. Year: 2019  
N: 136



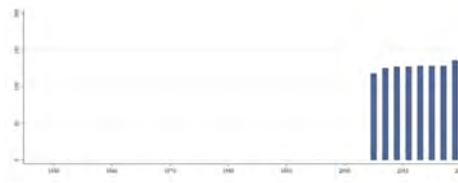
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.38 Socio-Economic Level (bti\_sel)

Socio-Economic Level: In principle, the country's level of development permits adequate freedom of choice for all citizens 1-10. Higher scores are present for countries with better socio-economic level.



Min. Year:2017 Max. Year: 2019  
N: 136



Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

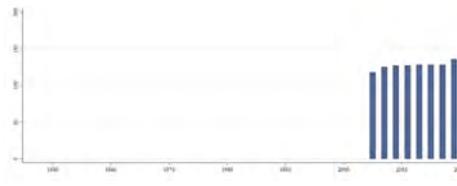
#### 4.14.39 State Identity (bti\_si)

To what extent do all relevant groups in society agree about citizenship and accept the nation-state as legitimate? 1-10.

1. The legitimacy of the nation-state is questioned fundamentally. Different population groups compete for hegemony and deny citizenship to others.
4. The legitimacy of the nation-state is frequently challenged. Significant aspects of citizenship are withheld from entire population groups.
7. The legitimacy of the nation-state is rarely questioned. Some groups are denied full citizenship rights.
10. The large majority of the population accepts the nation-state as legitimate. All individuals and groups enjoy the right to acquire citizenship without discrimination.



Min. Year:2017 Max. Year: 2019  
N: 136



Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

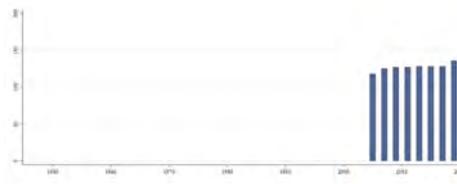
#### 4.14.40 Separation of Powers (bti\_sop)

To what extent is there a working separation of powers (checks and balances)? 1-10.

1. There is no separation of powers, neither de jure nor de facto.
4. One branch, generally the executive, has an ongoing and either informally or formally confirmed monopoly on power, which may include the colonization of other powers, even though they are institutionally differentiated.
7. The separation of powers generally is in place and functioning. Partial or temporary restrictions of checks and balances occur, but a restoration of balance is sought.
10. There is a clear separation of powers with mutual checks and balances.



Min. Year:2017 Max. Year: 2019  
N: 136



Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

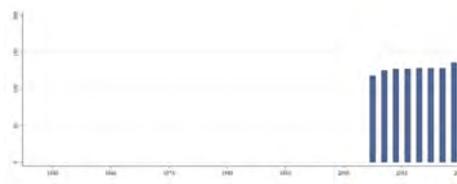
#### 4.14.41 Social Safety Nets (bti\_ssn)

To what extent do social safety nets provide compensation for social risks? 1-10.

1. Social safety nets do not exist. Poverty is combated hardly at all, or only ad hoc.
4. Social safety nets are rudimentary and cover only few risks for a limited number of beneficiaries. The majority of the population is at risk of poverty.
7. Social safety nets are well developed, but do not cover all risks for all strata of the population. A significant part of the population is still at risk of poverty.
10. Social safety nets are comprehensive and compensate for social risks, especially nationwide health care and a well-focused prevention of poverty.



Min. Year:2017 Max. Year: 2019  
N: 136



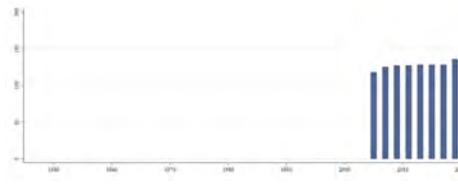
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.42 Stateness (bti\_st)

Stateness: There is clarity about the nation's existence as a state with adequately established and differentiated power structures 1-10.



Min. Year:2017 Max. Year: 2019  
N: 136



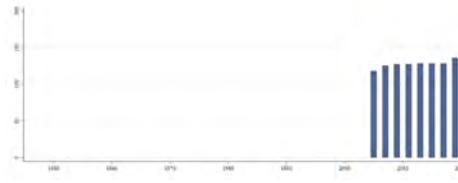
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.43 Sustainability (bti\_su)

Economic growth is balanced, environmentally sustainable and future-oriented. Including “To what extent are environmental concerns effectively taken into account?” and “To what extent are there solid institutions for basic, secondary and tertiary education, as well as for research and development?”.



Min. Year:2017 Max. Year: 2019  
N: 136



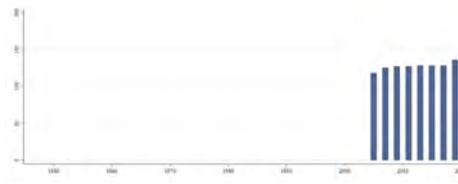
Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

#### 4.14.44 Welfare Regime (bti\_wr)

Welfare Regime: Assesses whether there are available arrangements to compensate for social risks 1-10. Including “To what extent do social safety nets provide compensation for social risks?” and “To what extent does equality of opportunity exist?”.



Min. Year:2017 Max. Year: 2019  
N: 136



Min. Year:2005 Max. Year: 2019  
N: 137 n: 1017  $\bar{N}$ : 68  $\bar{T}$ : 7

### 4.15 Forman-Rabinovici and Sommer

<https://people.socsci.tau.ac.il/mu/udis/the-comparative-abortion-index-project/>  
(Forman-Rabinovici & Sommer, 2018)  
(Data downloaded: 2020-09-04)

#### The Comparative Abortion Index Project

The comparative abortion index quantifies the permissiveness of abortion policies worldwide, accounting for a variety of considerations. It aims to provide researchers with a tool to assess trends in worldwide reproductive rights, and to study how these changes over time and space occur. It is unique in its breadth and its method. Not only does it include a scale that reflects the number of criteria accepted as grounds for abortion, but it includes a second scale which gives weighted scores to each criterion, based on how common it is. These data are relevant for anyone interested in tracking trends in women’s rights, public health policy, and reproductive rights policy over time.

The dataset covers 192 countries from 1992-2015. The UN Department of Social and Economic

Affairs has published a global review of abortion policy since 1992. For this database, all reviews published between 1992 and 2015 were collected. The report offers seven criteria under which state law may allow access to abortion services; saving a woman's life, preserving a woman's physical health, preserving a woman's mental health, in case of rape or incest, in case of fetal impairment, for social or economic reasons and on request.

Each country-year is given a score based on the number of legal criteria accepted as grounds for abortion. In the first version of the index (CAI1), each criterion is given equal weight and the score is a direct reflection of the number of conditions the country accepts. Thus, a country that has no conditions under which a woman can receive an abortion gets a score of 0. A country, in which a woman may access an abortion under all conditions including on request, receives a score of 7.

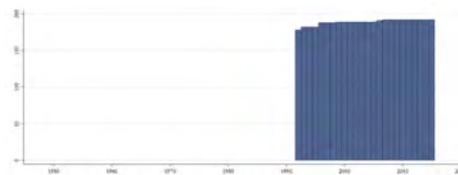
For the purposes of robustness, and to fix a potential measurement flaw in the first index, we also offer a weighted index (CAI2). The first scale does not account for the different degrees of acceptance that each criterion represents. It would be imprecise, for instance, to suggest that the criterion of saving a woman's life is equivalent to (and thus carries the same weight as) allowing abortion on demand. The more permissive the criterion, the less likely that it is universally accepted. Accordingly, the weight of each criterion ( $W_i$ ) will be determined based on the percentage ( $P_i$ ) of countries that allow that condition. In the weighted index, countries are given a score on a scale of 0 to 1, where 0 represents countries in which there are no conditions for legal abortion, and 1 represents a country that accepts all criteria for abortion, including on request.

#### 4.15.1 Comparative Abortion Index 1 (0 to 7) (cai\_cai1)

The scale quantifies grounds on which a country might grant legal access to abortion: saving a woman's life, preserving a woman's physical health, preserving a woman's mental health, in case of rape or incest, in case of fetal impairment, for social or economic reasons, and on request. 0 represents a country with a complete ban on abortions. 7 represents a country that allows abortions on request.



Min. Year:2015 Max. Year: 2015  
N: 192



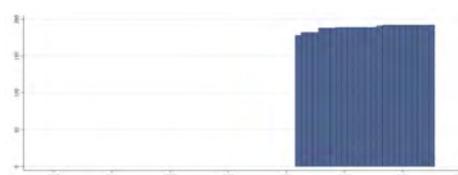
Min. Year:1992 Max. Year: 2015  
N: 194 n: 4530  $\bar{N}$ : 189  $\bar{T}$ : 23

#### 4.15.2 Comparative Abortion Index 2 (0 to 1) (cai\_cai2)

Using the 7 grounds for legal abortion, the weight of each grounds ( $W_i$ ) will be determined based on the percentage ( $P_i$ ) of countries that allow it. In the weighted index, countries are given a score on a scale of 0-1, where 0 represents countries in which there are no conditions for legal abortion, and 1 represents a country that accepts all criteria for abortion, including on request. The need for a weighted scale is as follows: It would be imprecise, for instance, to suggest that the criterion of saving a woman's life is equivalent to (and thus carries the same weight as) allowing abortion on demand. The more permissive the criterion, the less likely that it is universally accepted. Thus, the scale accounts for the different degrees of acceptance that each criterion represents.



Min. Year:2015 Max. Year: 2015  
N: 192



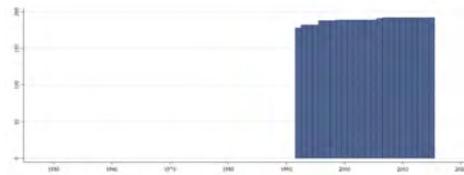
Min. Year:1992 Max. Year: 2015  
N: 194 n: 4530  $\bar{N}$ : 189  $\bar{T}$ : 23

#### 4.15.3 Foetal impairment is accepted as grounds for legal abortion (cai\_foetal)

Binary variable that codes whether or not foetal impairment is accepted as grounds for a legal abortion. 1 means that it is accepted as grounds for abortion. 0 means that it is illegal, and not accepted as grounds for legal abortion.



Min. Year:2015 Max. Year: 2015  
N: 192



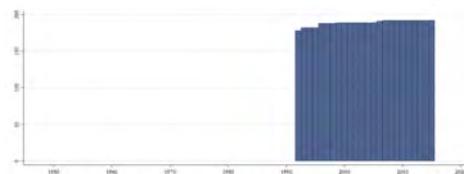
Min. Year:1992 Max. Year: 2015  
N: 194 n: 4530  $\bar{N}$ : 189  $\bar{T}$ : 23

#### 4.15.4 Threat to mother's life is accepted as grounds for legal abortion (cai\_life)

Binary variable that codes whether or not threat to a mother's life is accepted as grounds for a legal abortion. 1 means that it is accepted as grounds for abortion. 0 means that it is illegal, and not accepted as grounds for legal abortion.



Min. Year:2015 Max. Year: 2015  
N: 192



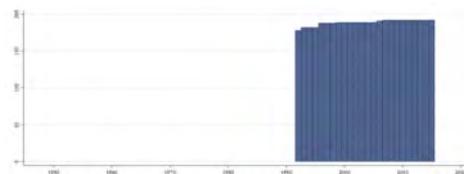
Min. Year:1992 Max. Year: 2015  
N: 194 n: 4530  $\bar{N}$ : 189  $\bar{T}$ : 23

#### 4.15.5 Threat to mother's mental health is accepted as grounds for legal abortion (cai\_mental)

Binary variable that codes whether or not threat to a mother's mental health is accepted as grounds for a legal abortion. 1 means that it is accepted as grounds for abortion. 0 means that it is illegal, and not accepted as grounds for legal abortion.



Min. Year:2015 Max. Year: 2015  
N: 192



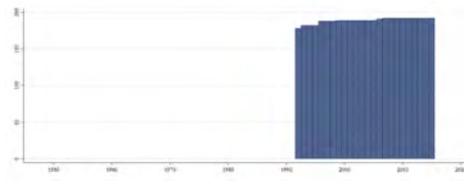
Min. Year:1992 Max. Year: 2015  
N: 194 n: 4530  $\bar{N}$ : 189  $\bar{T}$ : 23

#### 4.15.6 Threat to mother's physical health is accepted as grounds for legal abortion (cai\_physical)

Binary variable that codes whether or not threat to a mother's physical health is accepted as grounds for a legal abortion. 1 means that it is accepted as grounds for abortion. 0 means that it is illegal, and not accepted as grounds for legal abortion.



Min. Year:2015 Max. Year: 2015  
N: 192



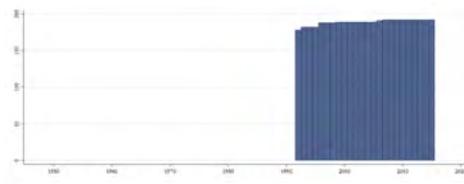
Min. Year:1992 Max. Year: 2015  
N: 194 n: 4530  $\bar{N}$ : 189  $\bar{T}$ : 23

#### 4.15.7 Pregnancy as result of rape or incest is accepted as grounds for legal abortion (cai\_rape)

Binary variable that codes whether or not pregnancy as a result of rape or incest is accepted as grounds for a legal abortion. 1 means that they are accepted as grounds for abortion. 0 means that it is illegal, and they are not accepted as grounds for legal abortion.



Min. Year:2015 Max. Year: 2015  
N: 192



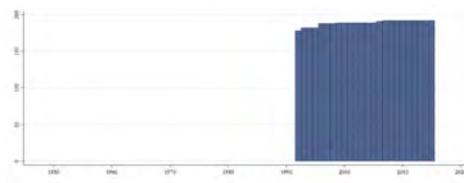
Min. Year:1992 Max. Year: 2015  
N: 194 n: 4530  $\bar{N}$ : 189  $\bar{T}$ : 23

#### 4.15.8 Abortion is available on request (cai\_request)

Binary variable that codes whether abortion is available on request. In other words, if there is complete legal access to abortion. 1 implies that there is complete access to abortion. 0 implies that there are limitations, and abortion services are not legally available upon request.



Min. Year:2015 Max. Year: 2015  
N: 192



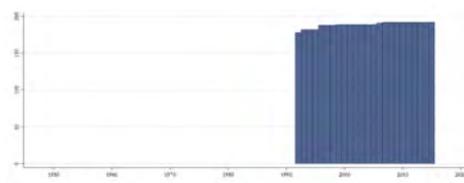
Min. Year:1992 Max. Year: 2015  
N: 194 n: 4530  $\bar{N}$ : 189  $\bar{T}$ : 23

#### 4.15.9 Social or economic reasons are accepted as grounds for legal abortion (cai\_social)

Binary variable that codes whether or not social or economic reasons are accepted as grounds for a legal abortion. 1 means that they are accepted as grounds for abortion. 0 means that it is illegal, and they are not accepted as grounds for legal abortion.



Min. Year:2015 Max. Year: 2015  
N: 192



Min. Year:1992 Max. Year: 2015  
N: 194 n: 4530  $\bar{N}$ : 189  $\bar{T}$ : 23

## 4.16 Coppedge, Alvarez and Maldonado

<http://www3.nd.edu/~mcoppedg/crd/datacrd.htm>

(Coppedge et al., 2008)

(Data downloaded: 2020-09-07)

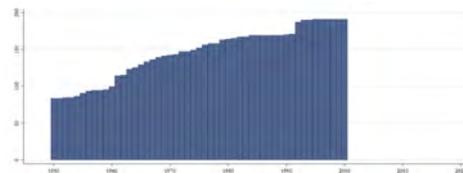
### Contestation and Inclusiveness, 1950-2000

These are the two principal components of 13-15 indicators of democracy, including those compiled by Freedom House; Polity; Arthur Banks; Alvarez, Cheibub, Limongi, and Przeworski, as updated by Cheibub and Gandhi; Bollen; and Cingranelli and Richards. The dataset covers most countries in the world from 1950 through 2000. In an article in the *Journal of Politics* (July 2008), the authors argue that these principal components, which capture 75 percent of variation in the most commonly used democracy indicators, measure Robert Dahl's two dimensions of polyarchy: contestation and inclusiveness.

#### 4.16.1 Contestation (standardized version) (cam\_contest)

Contestation standardized to be comparable across years.

Variable not included  
in Cross-Section Data



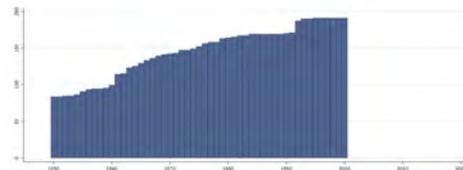
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2000  
N: 205 n: 7391  $\bar{N}$ : 145  $\bar{T}$ : 36

#### 4.16.2 Inclusiveness (standardized version) (cam\_inclusive)

Inclusiveness standardized to be comparable across years.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2000  
N: 205 n: 7391  $\bar{N}$ : 145  $\bar{T}$ : 36

## 4.17 Ana Carolina Garriga

<https://sites.google.com/site/carogarriga/cbi-data-1?authuser=0>

(Garriga, 2016)

(Data downloaded: 2020-09-21)

### Central Bank Independence Dataset

The Central Bank Independence Dataset is the most comprehensive data set on de jure central bank independence (CBI) available to date. The data set identifies statutory reforms affecting CBI, their direction, and the attributes necessary to build the Cukierman, Webb, and Neyapti (1992) (CWN) index in 190 countries between 1970 and 2012.

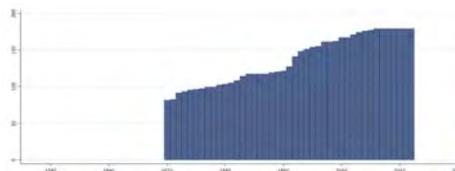
This data set codes the existence of reforms in 6,745 observations and computes the CWN index

for 5,840 observations. The data coverage not only allows researchers to test competing explanations on the determinants and effects of CBI in both developed and developing countries, but it also provides a useful instrument for cross-national studies in diverse fields.

#### 4.17.1 Central Bank Independence unweighted index (cbi\_cbiu)

CBI unweighted index: Raw average of the four components: Chief Executive Officer, Objectives, Policy Formulation and Limitations on lending to the government. It ranges from 0 (minimum) to 1 (maximum) CBI.

Variable not included  
in Cross-Section Data



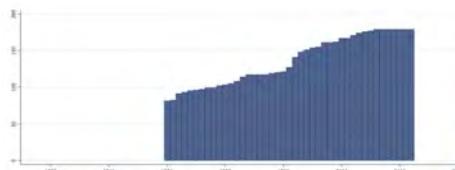
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1970 Max. Year: 2012  
N: 185 n: 5840  $\bar{N}$ : 136  $\bar{T}$ : 32

#### 4.17.2 Central Bank Independence weighted index (cbi\_cbiw)

CBI weighted index: Weighted average of the four components (weights between parentheses), following Cukierman, Webb and Neyapti's (1992) criteria: Chief Executive Officer (0.20), Objectives (0.15), Policy Formulation (0.15), and Limitations on lending to the government (0.5). It ranges from 0 (minimum) to 1 (maximum) CBI.

Variable not included  
in Cross-Section Data



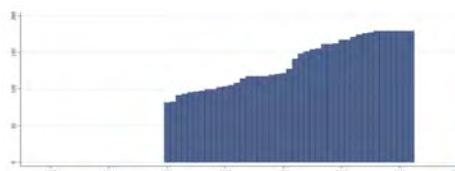
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1970 Max. Year: 2012  
N: 185 n: 5840  $\bar{N}$ : 136  $\bar{T}$ : 32

#### 4.17.3 Component 1: Chief executive officer (cbi\_cceo)

Component 1: Chief executive officer. Weighted average of the following variables (weights between parentheses): Term of office of CEO (0.25), Who appoints the CEO (0.25), Provisions for dismissal of CEO (0.25), CEO allowed to hold another office in government (0.25).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

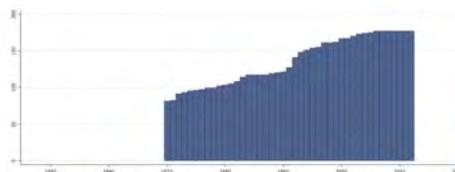
Min. Year: 1970 Max. Year: 2012  
N: 185 n: 5840  $\bar{N}$ : 136  $\bar{T}$ : 32

#### 4.17.4 Component 4: Limitations on lending to the government (cbi\_cll)

Component 4: Limitations on lending to the government. Weighted average of the following variables (weights between parentheses): Limitations on advances (0.30); Limitations on securitized lending (0.20); Who decides the terms of lending to government (0.20); Beneficiaries of central bank lending (0.10); Type of limits when they exist (0.05); Maturity of loans (0.05); Restrictions on interest rates (0.05); Prohibition on central bank lending in primary market to Government (0.05).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



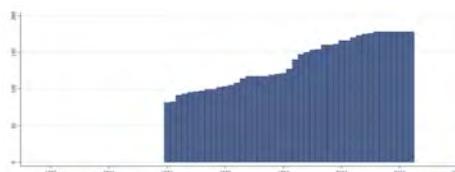
Min. Year:1970 Max. Year: 2012  
N: 184 n: 5820  $\bar{N}$ : 135  $\bar{T}$ : 32

### 4.17.5 Component 2: Objectives (cbi\_cobj)

Component 2: Objectives. Central bank objectives as stated in the law (coding between parentheses): Price stability is the major or only objective, and in case of conflict with other objectives, the Central Bank has final authority (1); Price stability is the only objective (0.8); Price stability is one of the objectives, with other compatible objectives (0.6); Price stability is one of the objectives, with other potentially conflicting goals (0.4); Central Bank charter does not contain any objective (0.2); Some objectives appear in the charter but price stability is not one of them (0).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



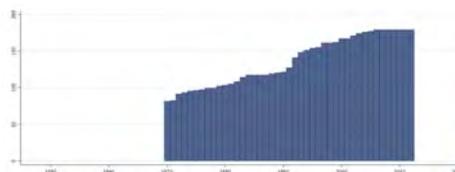
Min. Year:1970 Max. Year: 2012  
N: 184 n: 5819  $\bar{N}$ : 135  $\bar{T}$ : 32

### 4.17.6 Component 3: Policy formulation (cbi\_cpol)

Component 3: Policy formulation. Weighted average of the following variables (weights between parentheses): Who formulates monetary policy (0.25); Who has the final decision in monetary policy (0.50), Role of the central bank in the budget process (0.25).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



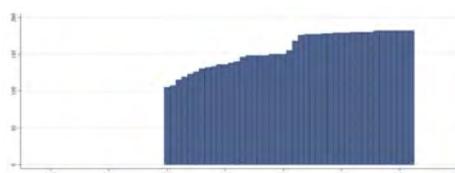
Min. Year:1970 Max. Year: 2012  
N: 185 n: 5840  $\bar{N}$ : 136  $\bar{T}$ : 32

### 4.17.7 Year of law creating the central bank (cbi\_create)

1 indicates the year of the law creating the central bank, 0 otherwise.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



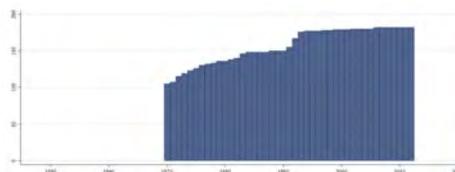
Min. Year:1970 Max. Year: 2012  
N: 190 n: 6745  $\bar{N}$ : 157  $\bar{T}$ : 36

### 4.17.8 Year of a reform that decreased central bank independence (cbi\_dec)

1 indicates the year of a reform that decreased CBI, according to the CBI weighted index, 0 otherwise

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



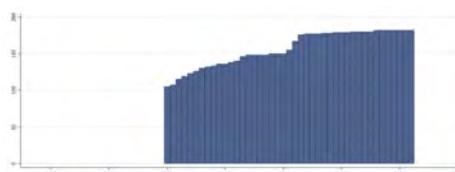
Min. Year:1970 Max. Year: 2012  
N: 190 n: 6744  $\bar{N}$ : 157  $\bar{T}$ : 35

### 4.17.9 Effect of the central bank reform on the weighted index (cbi\_dir)

Effect of the central bank reform on the CBI weighted index: 1 indicates an increase in CBI; 0 indicates no changes in the level of CBI; 1 indicates the presence of a central bank reform that increased CBI.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



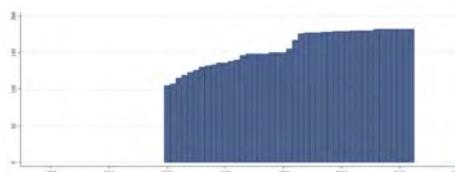
Min. Year:1970 Max. Year: 2012  
N: 190 n: 6744  $\bar{N}$ : 157  $\bar{T}$ : 35

### 4.17.10 Year of a reform that increased central bank independence (cbi\_inc)

1 indicates the year of a reform that increased CBI, according to the CBI weighted index, 0 otherwise.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



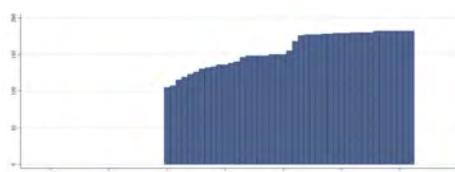
Min. Year:1970 Max. Year: 2012  
N: 190 n: 6744  $\bar{N}$ : 157  $\bar{T}$ : 35

### 4.17.11 Year of a reform that affects the central bank independence (cbi\_ref)

1 indicates the year of a reform that affects CBI, 0 otherwise.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



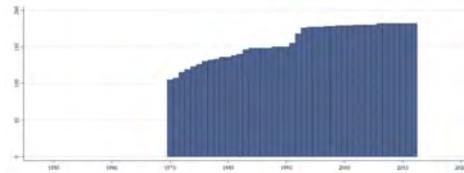
Min. Year:1970 Max. Year: 2012  
N: 190 n: 6745  $\bar{N}$ : 157  $\bar{T}$ : 36

### 4.17.12 Whether the central bank is a regional organization (cbi\_reg)

Indicates whether the central bank is a regional organization (1), or a national central bank (0).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1970 Max. Year: 2012  
N: 190 n: 6745  $\bar{N}$ : 157  $\bar{T}$ : 36

### 4.18 The Comparative Constitutions Project

<http://comparativeconstitutionsproject.org/>

(Elkins et al., 2020)

(Data downloaded: 2020-12-04)

#### Characteristics of National Constitutions

This dataset presents records of the characteristics of national constitutions written since 1789. Each constitutional text is coded twice by different coders working independently. To maximize the reliability of the final data, the discrepancies between these two codings are reconciled by a third individual - a reconciler. This is the second public release of data (version 2.0) on the content of constitutions. Authors rely on Ward and Gleditsch's list to identify which countries are independent in a given year. There are utilized two concepts to categorize constitutional texts. A constitutional system encompasses the period in which a constitution is in force before it is replaced or suspended. A constitutional event is any change to a country's constitution, including adoption, amendment, suspension, or reinstatement. For years in which there are multiple events, the constitution is coded as it stood in force at the end of the year. For example, if a constitution was amended the same year as it was adopted, the content of the constitution is coded as amended rather than as originally adopted. In addition, since events are (often) in force for multiple years, authors interpolated the data associated each event across all country-years in which that event was in force. Note that this is an extremely conservative interpolation strategy because most constitutional amendments do not change many provisions. As a result, for most variables, one can safely interpolate across constitutional systems.

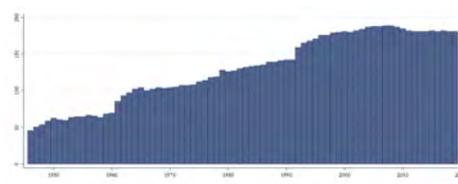
#### 4.18.1 Duty of the People is to Build Country in Constitution (ccp\_buildsoc)

Does the constitution refer to a duty of the people to take part in building society or to work for the development of the country?

1. Yes
2. No
96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

#### 4.18.2 Corruption Commission Present in Constitution (ccp\_cc)

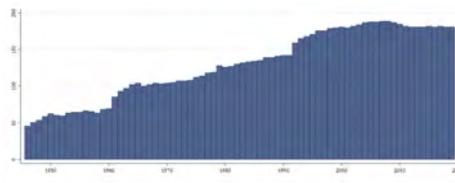
Does the constitution contain provisions for a counter corruption commission?

1. Yes
2. No

- 96. Other
- 97. Unable to determine



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

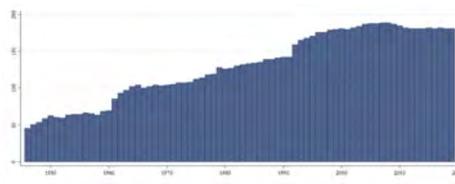
#### 4.18.3 Limits on Child Work in Constitution (ccp\_childwrk)

Does the constitution place limits on child employment?

- 1. Yes
- 2. No
- 90. Left explicitly to non-constitutional law
- 96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

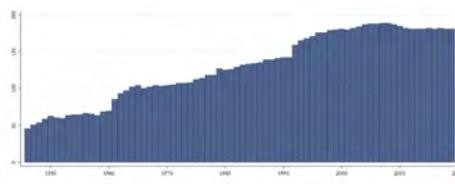
#### 4.18.4 Meritocratic Recruitment of Civil Servants Mentioned in Constitution (ccp\_civil)

Does the constitution include provisions for the meritocratic recruitment of civil servants (e.g. exams or credential requirements)?

- 1. Yes
- 2. No
- 96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9598  $\bar{N}$ : 130  $\bar{T}$ : 47

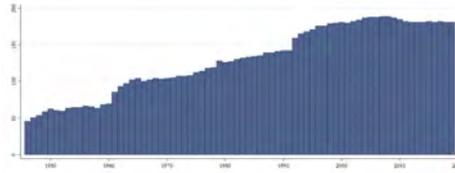
#### 4.18.5 Reference in Constitution to Democracy (ccp\_democ)

Does the constitution refer to “democracy” or “democratic”?

- 1. Yes
- 2. No



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

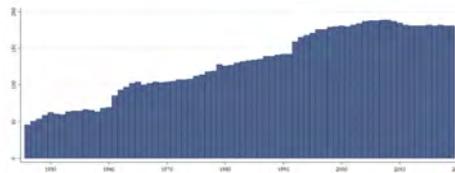
#### 4.18.6 Equality Before the Law Mentioned in Constitution (ccp\_equal)

Does the constitution refer to equality before the law, the equal rights of men, or non-discrimination?

1. Yes
2. No
96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

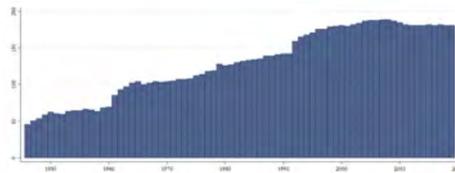
#### 4.18.7 Freedom of Religion in Constitution (ccp\_freerel)

Does the constitution provide for freedom of religion?

1. Yes
2. No
96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

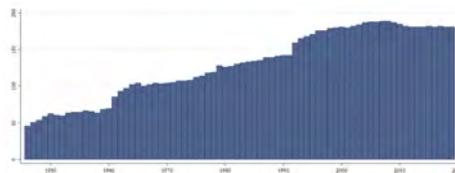
#### 4.18.8 Human Rights Commission Present in Constitution (ccp\_hr)

Does the constitution contain provisions for a human rights commission?

1. Yes
2. No
96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

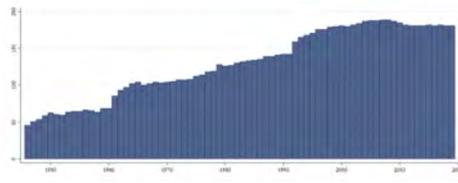
#### 4.18.9 Right to Government Documents in Constitution (ccp\_infoacc)

Does the constitution provide for an individual right to view government files or documents under at least some conditions?

1. Yes
2. No
96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9602  $\bar{N}$ : 130  $\bar{T}$ : 47

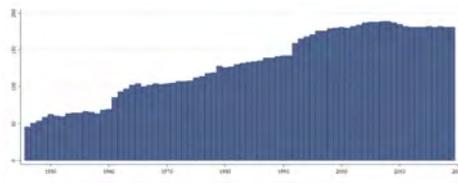
#### 4.18.10 Legislative Initiative Allowed (ccp\_initiat)

Does the constitution provide for the ability of individuals to propose legislative initiatives?

1. Yes
2. No
96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

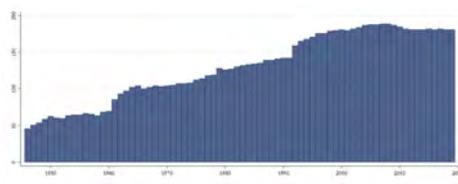
#### 4.18.11 Reference in Constitution to Capitalism (ccp\_market)

Does the constitution refer to the “free market,” “capitalism,” or an analogous term?

1. Yes
2. No
96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

#### 4.18.12 Right to Marry in Constitution (ccp\_marriage)

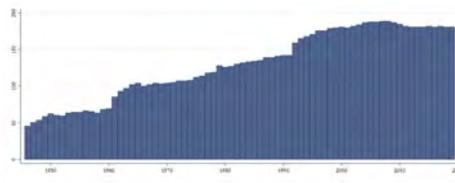
Does the constitution provide for the right to marry?

1. Yes, general provision
2. Yes, marriage allowed between a man and a woman
3. No

- 90. Left explicitly to non-constitution law
- 96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

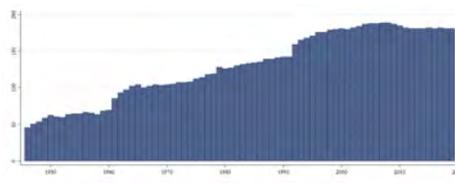
#### 4.18.13 Right to Same-Sex Marriages in Constitution (ccp\_samesexm)

Does the constitution provide the right for same sex marriages?

- 1. Yes
- 2. No
- 96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

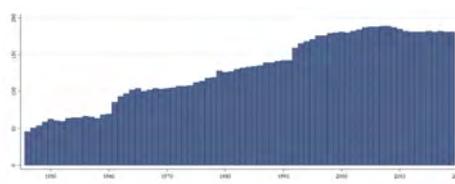
#### 4.18.14 Status of Slavery in Constitution (ccp\_slave)

Does the constitution prohibit slavery, servitude, or forced labor?

- 1. Universally prohibited
- 2. Prohibited except in the case of war
- 3. Prohibited with other exception(s)n
- 90. Left explicitly to non-constitutional law
- 96. Other
- 98. Not specified



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

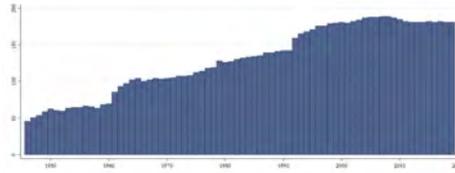
#### 4.18.15 Reference in Constitution to Socialism (ccp\_socialsm)

Does the constitution refer to “socialism” or “socialist”?

- 1. Yes
- 2. No
- 96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

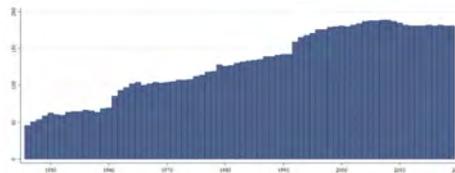
#### 4.18.16 Right to Strike in Constitution (ccp\_strike)

Does the constitution provide for a right to strike?

1. Yes
2. Yes, but with limitations
3. No
96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



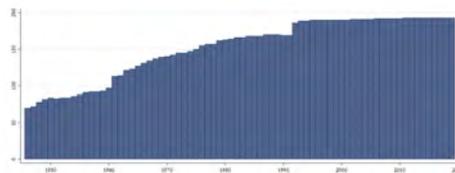
Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

#### 4.18.17 New Constitutional System (ccp\_syst)

Identifies new constitutional systems.



Min. Year:2017 Max. Year: 2017  
N: 193



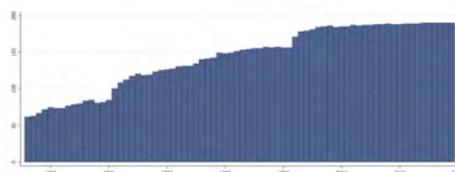
Min. Year:1946 Max. Year: 2019  
N: 208 n: 11281  $\bar{N}$ : 152  $\bar{T}$ : 54

#### 4.18.18 Year in which the Constitutional System was Promulgated (ccp\_systyear)

Year in which the constitutional system was promulgated.



Min. Year:2017 Max. Year: 2017  
N: 190



Min. Year:1946 Max. Year: 2019  
N: 204 n: 10593  $\bar{N}$ : 143  $\bar{T}$ : 52

#### 4.18.19 Duty of People is to Pay Taxes in Constitution (ccp\_taxes)

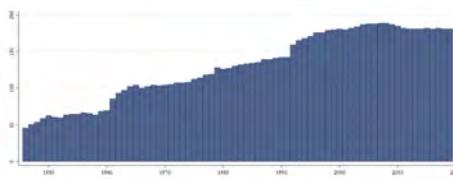
Does the constitution refer to a duty to pay taxes?

1. Yes

- 2. No
- 96. Other



Min. Year:2015 Max. Year: 2017  
N: 183



Min. Year:1946 Max. Year: 2019  
N: 204 n: 9603  $\bar{N}$ : 130  $\bar{T}$ : 47

#### 4.19 Cheibub, Gandhi and Vreeland

<https://sites.google.com/site/joseantoniocheibub/datasets/democracy-and-dictatorship-revisited>  
(Cheibub et al., 2010)  
(Data downloaded: 2020-10-06)

##### Classification of Political Regimes

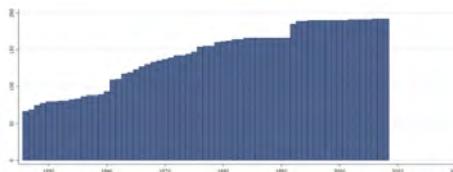
Classification of political regimes as democracy and dictatorship. Classification of democracies as parliamentary, semi-presidential (mixed) and presidential. Classification of dictatorships as military, civilian and royal.

##### 4.19.1 Democracy (chga\_demo)

A regime is considered a democracy if the executive and the legislature is directly or indirectly elected by popular vote, multiple parties are allowed, there is de facto existence of multiple parties outside of regime front, there are multiple parties within the legislature, and there has been no consolidation of incumbent advantage (e.g. unconstitutional closing of the lower house or extension of incumbent's term by postponing of subsequent elections). Transition years are coded as the regime that emerges in that year.

- 0. No Democracy
- 1. Democracy

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2008  
N: 206 n: 9013  $\bar{N}$ : 143  $\bar{T}$ : 44

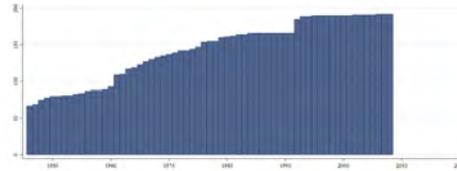
##### 4.19.2 Regime Institutions (chga\_hinst)

Six-fold classification of political regimes:

- 0. Parliamentary Democracy.
- 1. Mixed (semi-presidential) democracy.
- 2. Presidential democracy.
- 3. Civilian dictatorship.
- 4. Military dictatorship.
- 5. Royal dictatorship.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1946 Max. Year: 2008  
N: 206 n: 9013  $\bar{N}$ : 143  $\bar{T}$ : 44

### 4.20 Armingeon, Wegner, Wiedemeier, Isler, Knoepfel, Weisstanner and Engler

<http://www.cpbs-data.org/>  
(Armingeon et al., 2020)  
(Data downloaded: 2020-10-16)

#### Comparative Political Data Set

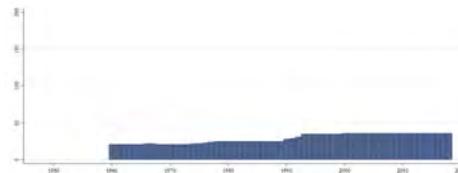
The Comparative Political Data Set 1960-2018 (CPDS) is a collection of political and institutional data which have been assembled in the context of the research projects “Die Handlungsspielräume des Nationalstaates” and “Critical junctures. An international comparison” directed by Klaus Armingeon and funded by the Swiss National Science Foundation. This data set consists of (mostly) annual data for 36 democratic OECD and/or EU-member countries for the period of 1960 to 2017. In all countries, political data were collected only for the democratic periods. The data set is suited for cross-national, longitudinal and pooled time-series analyses.

##### 4.20.1 Number of changes in government per year (cpds\_chg)

Number of changes in government per year [termination of government due to (a) elections, (b) voluntary resignation of the Prime Minister, (c) resignation of Prime Minister due to health reasons, (d) dissension within government (break up of the coalition), (e) lack of parliamentary support, (f) intervention by the head of state, or (g) broadening of the coalition (inclusion of new parties).



Min. Year:2017 Max. Year: 2017  
N: 36



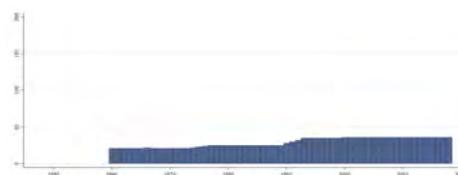
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1704  $\bar{N}$ : 29  $\bar{T}$ : 45

##### 4.20.2 Effective number of parties on the seats level (cpds\_ensps)

Effective number of parties on the seats level according to the formula proposed by Laakso and Taagepera (1979).



Min. Year:2017 Max. Year: 2017  
N: 36



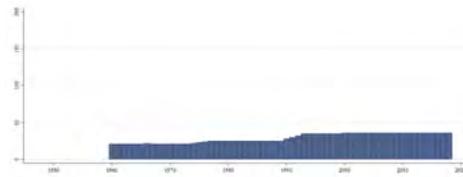
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.3 Effective number of parties on the votes level (cpds\_enpv)

Effective number of parties on the votes level according to the formula proposed by Laakso and Taagepera (1979).



Min. Year:2017 Max. Year: 2017  
N: 36



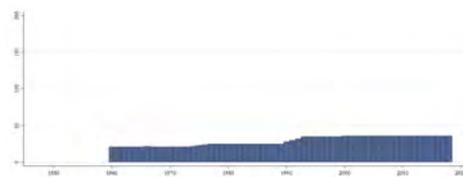
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.4 Electoral fractionalization of the party system (Rae index) (cpds\_frel)

Index of electoral fractionalization of the party system according to the formula proposed by Rae (1968). The index can take values between 1 (maximal fractionalization) and 0 (minimal fractionalization).



Min. Year:2017 Max. Year: 2017  
N: 36



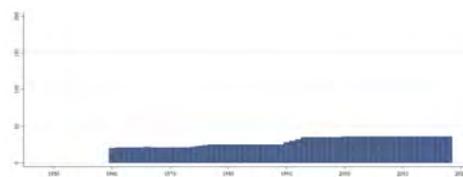
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.5 Legislative fractionalization of the party system (Rae index) (cpds\_frleg)

Index of legislative fractionalization of the party system according to the formula proposed by Rae (1968). The index can take values between 1 (maximal fractionalization) and 0 (minimal fractionalization).



Min. Year:2017 Max. Year: 2017  
N: 36



Min. Year:1960 Max. Year: 2018  
N: 38 n: 1707  $\bar{N}$ : 29  $\bar{T}$ : 45

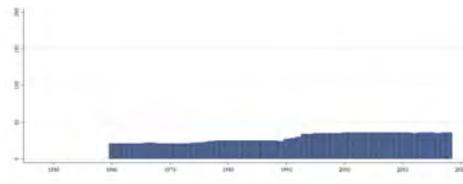
#### 4.20.6 Cabinet composition (Schmidt index) (cpds\_govlr)

Cabinet composition (Schmidt-Index):

1. Hegemony of right-wing (and centre) parties.
2. Dominance of right-wing (and centre) parties.
3. Balance of power between left and right.
4. Dominance of social-democratic and other left parties.
5. Hegemony of social-democratic and other left parties.



Min. Year:2017 Max. Year: 2017  
N: 36



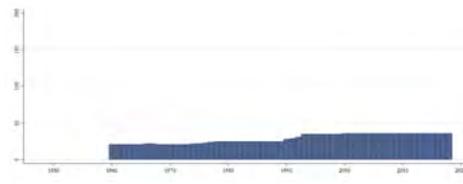
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1696  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.7 Government support (seat share of all parties in government) (cpds\_govsup)

Total government support: seat share of all parties in government. Weighted by the numbers of days in office in a given year.



Min. Year:2017 Max. Year: 2017  
N: 36



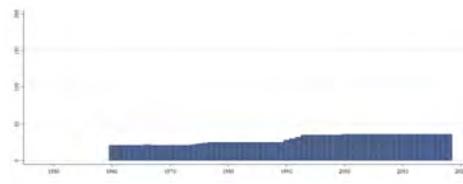
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1704  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.8 Share of seats in parliament: agrarian (cpds\_la)

Share of seats in parliament for the political parties classified as agrarian.



Min. Year:2017 Max. Year: 2017  
N: 36



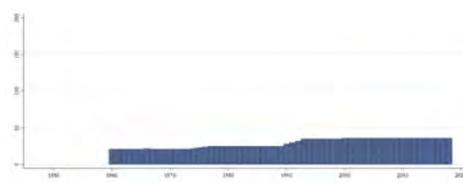
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.9 Share of seats in parliament: electoral alliance (cpds\_lall)

Share of seats in parliament for the political parties classified as electoral alliance.



Min. Year:2017 Max. Year: 2017  
N: 36



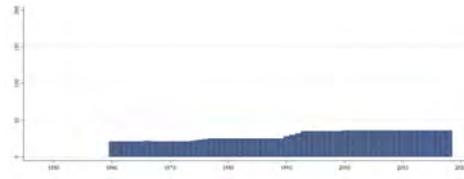
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.10 Share of seats in parliament: communist (cpds\_lcom)

Share of seats in parliament for the political parties classified as communist.



Min. Year:2017 Max. Year: 2017  
N: 36



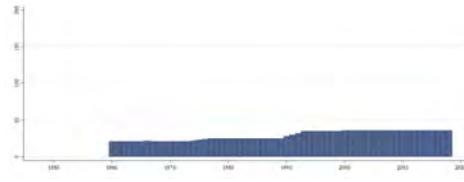
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.11 Share of seats in parliament: conservative (cpds\_lcon)

Share of seats in parliament for the political parties classified as conservative.



Min. Year:2017 Max. Year: 2017  
N: 36



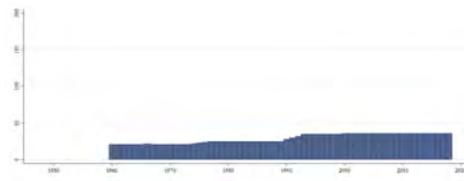
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.12 Share of seats in parliament: ethnic (cpds\_le)

Share of seats in parliament for the political parties classified as ethnic.



Min. Year:2017 Max. Year: 2017  
N: 36



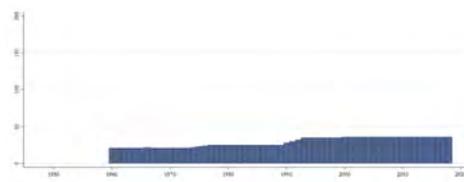
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.13 Share of seats in parliament: feminist (cpds\_lfe)

Share of seats in parliament for the political parties classified as feminist.



Min. Year:2017 Max. Year: 2017  
N: 36



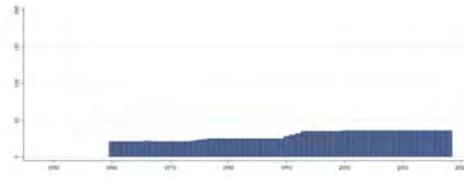
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.14 Share of seats in parliament: green (cpds\_lg)

Share of seats in parliament for the political parties classified as green.



Min. Year:2017 Max. Year: 2017  
N: 36



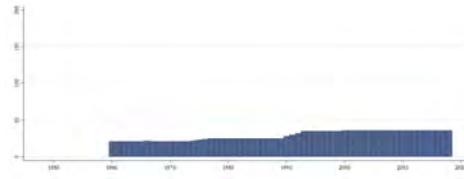
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.15 Share of seats in parliament: liberal (cpds\_ll)

Share of seats in parliament for the political parties classified as liberal.



Min. Year:2017 Max. Year: 2017  
N: 36



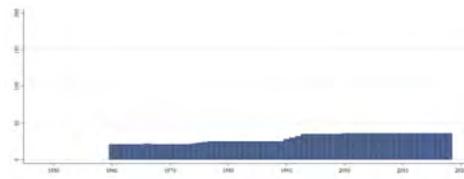
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.16 Share of seats in parliament: left-socialist (cpds\_lls)

Share of seats in parliament for the political parties classified as left-socialist.



Min. Year:2017 Max. Year: 2017  
N: 36



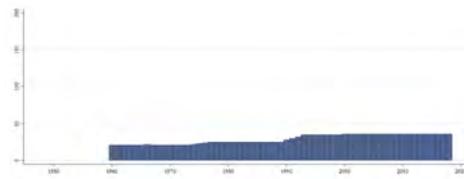
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.17 Share of seats in parliament: monarchist (cpds\_lmo)

Share of seats in parliament for the political parties classified as monarchist.



Min. Year:2017 Max. Year: 2017  
N: 36



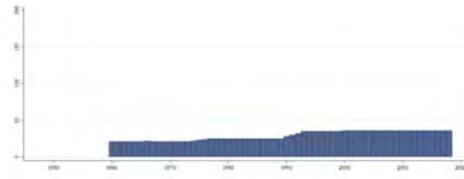
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.18 Share of seats in parliament: non-labelled (cpds\_lnl)

Share of seats in parliament for the political parties classified as non-labelled.



Min. Year:2017 Max. Year: 2017  
N: 36



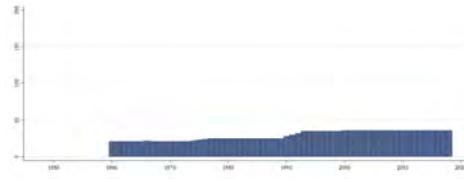
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.19 Share of seats in parliament: other (cpds\_lo)

Share of seats in parliament for the political parties classified as other.



Min. Year:2017 Max. Year: 2017  
N: 36



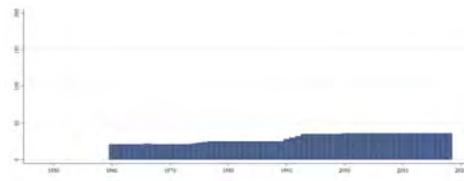
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.20 Share of seats in parliament: protest (cpds\_lp)

Share of seats in parliament for the political parties classified as protest.



Min. Year:2017 Max. Year: 2017  
N: 36



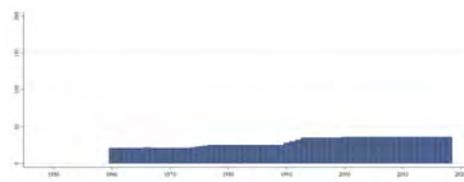
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.21 Share of seats in parliament: post-communist (cpds\_lpc)

Share of seats in parliament for the political parties classified as post-communist.



Min. Year:2017 Max. Year: 2017  
N: 36



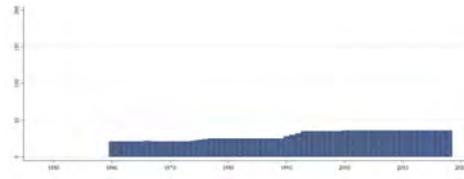
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.22 Share of seats in parliament: pensioners (cpds\_lpen)

Share of seats in parliament for the political parties classified as pensioners.



Min. Year:2017 Max. Year: 2017  
N: 36



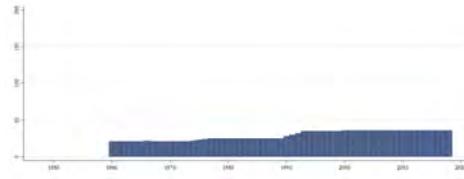
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.23 Share of seats in parliament: personalist (cpds\_lper)

Share of seats in parliament for the political parties classified as personalist.



Min. Year:2017 Max. Year: 2017  
N: 36



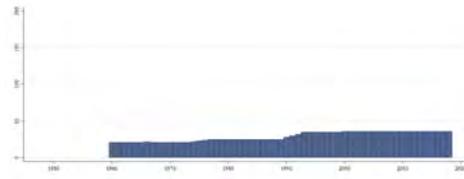
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.24 Share of seats in parliament: right (cpds\_lr)

Share of seats in parliament for the political parties classified as right.



Min. Year:2017 Max. Year: 2017  
N: 36



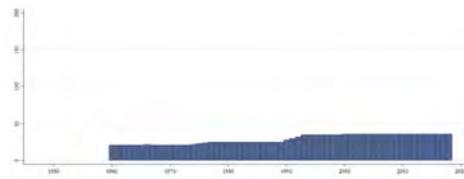
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.25 Share of seats in parliament: regionalist (cpds\_lreg)

Share of seats in parliament for the political parties classified as regionalist.



Min. Year:2017 Max. Year: 2017  
N: 36



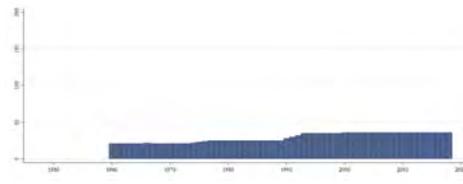
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.26 Share of seats in parliament: religious (cpds\_lrel)

Share of seats in parliament for the political parties classified as religious.



Min. Year:2017 Max. Year: 2017  
N: 36



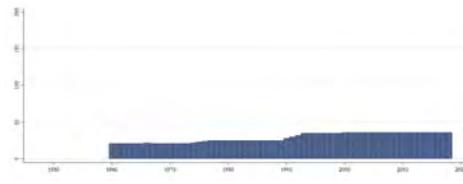
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.27 Share of seats in parliament: social democratic (cpds\_ls)

Share of seats in parliament for the political parties classified as social democratic.



Min. Year:2017 Max. Year: 2017  
N: 36



Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

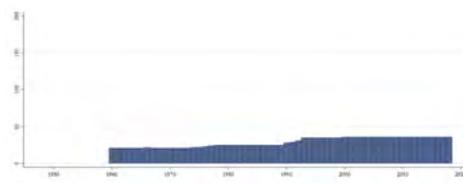
#### 4.20.28 Type of Government (cpds\_tg)

Type of government based on the following classification:

1. Single-party majority government: One party takes all governments seats and has a parliamentary majority.
2. Minimal winning coalition: All participating parties are necessary to form a majority government [ $>50.0\%$ ].
3. Surplus coalition: Coalition governments which exceed the minimal-winning criterion [ $>50.0\%$ ].
4. Single-party minority government: The party in government does not possess a majority in Parliament [ $<50.0\%$ ].
5. Multi-party minority government: The parties in government do not possess a majority in Parliament [ $<50.0\%$ ].
6. Caretaker government: Governments which should simply maintain the status quo.
7. Technocratic government: Led by technocratic prime minister, consists of a majority of technocratic ministers and is in possession of a mandate to change the status quo.



Min. Year:2017 Max. Year: 2017  
N: 36



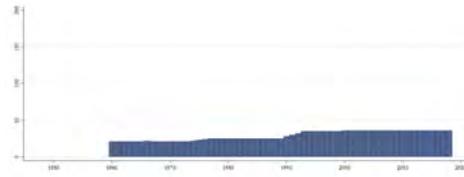
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1703  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.29 Share of votes: agrarian (cpds\_va)

Share of votes of the political parties classified as agrarian.



Min. Year:2017 Max. Year: 2017  
N: 36



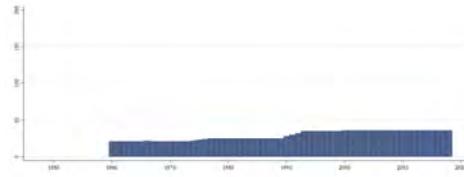
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.30 Share of votes: electoral alliance (cpds\_vall)

Share of votes of the political parties classified as electoral alliance.



Min. Year:2017 Max. Year: 2017  
N: 36



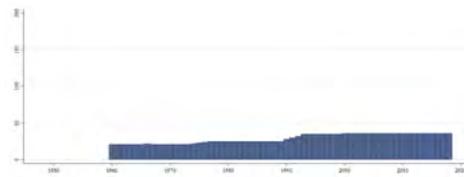
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.31 Share of votes: communist (cpds\_vcom)

Share of votes of the political parties classified as communist.



Min. Year:2017 Max. Year: 2017  
N: 36



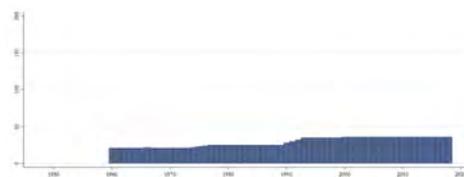
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.32 Share of votes: conservative (cpds\_vcon)

Share of votes of the political parties classified as conservative.



Min. Year:2017 Max. Year: 2017  
N: 36



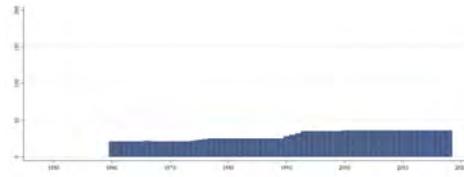
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.33 Share of votes: ethnic (cpds\_ve)

Share of votes of the political parties classified as ethnic.



Min. Year:2017 Max. Year: 2017  
N: 36



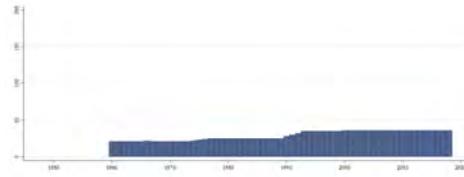
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.34 Share of votes: feminist (cpds\_vfe)

Share of votes of the political parties classified as feminist.



Min. Year:2017 Max. Year: 2017  
N: 36



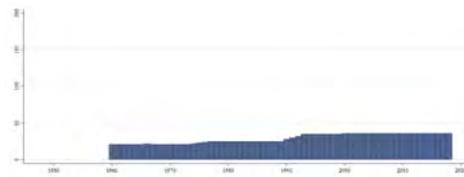
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.35 Share of votes: green (cpds\_vg)

Share of votes of the political parties classified as green.



Min. Year:2017 Max. Year: 2017  
N: 36



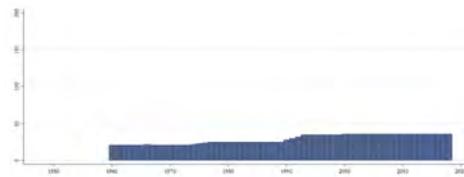
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.36 Share of votes: liberal (cpds\_vl)

Share of votes of the political parties classified as liberal.



Min. Year:2017 Max. Year: 2017  
N: 36



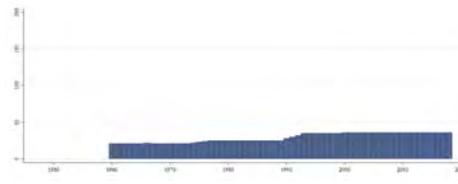
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.37 Share of votes: left-socialist (cpds\_vls)

Share of votes of the political parties classified as left-socialist.



Min. Year:2017 Max. Year: 2017  
N: 36



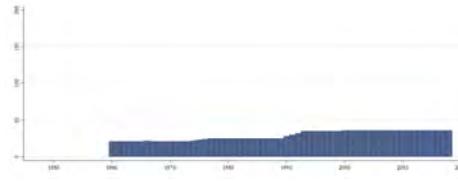
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.38 Share of votes: monarchist (cpds\_vmo)

Share of votes of the political parties classified as monarchist.



Min. Year:2017 Max. Year: 2017  
N: 36



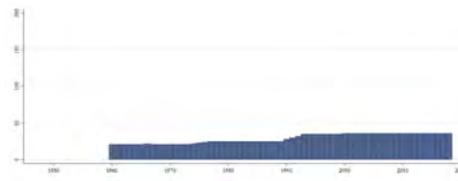
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.39 Share of votes: non-labelled (cpds\_vnl)

Share of votes of the political parties classified as non-labelled.



Min. Year:2017 Max. Year: 2017  
N: 36



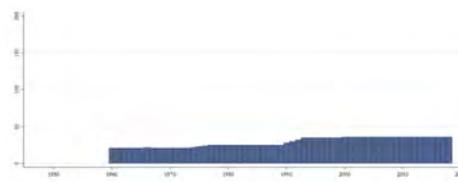
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.40 Share of votes: other (cpds\_vo)

Share of votes of the political parties classified as other.



Min. Year:2017 Max. Year: 2017  
N: 36



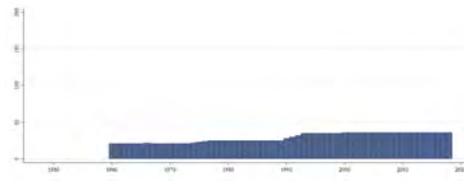
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.41 Share of votes: protest (cpds\_vp)

Share of votes of the political parties classified as protest.



Min. Year:2017 Max. Year: 2017  
N: 36



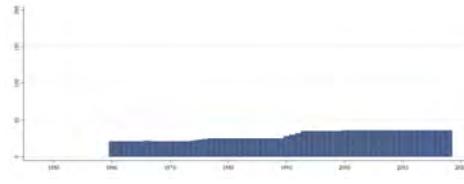
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.42 Share of votes: post-communist (cpds\_vpcom)

Share of votes of the political parties classified as post-communist.



Min. Year:2017 Max. Year: 2017  
N: 36



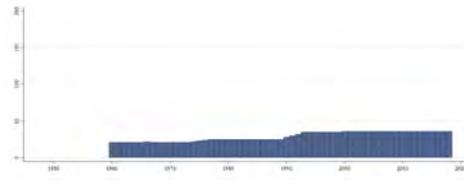
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.43 Share of votes: pensioners (cpds\_vpen)

Share of votes of the political parties classified as pensioners.



Min. Year:2017 Max. Year: 2017  
N: 36



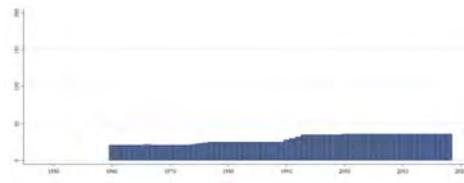
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.44 Share of votes: personalist (cpds\_vper)

Share of votes of the political parties classified as personalist.



Min. Year:2017 Max. Year: 2017  
N: 36



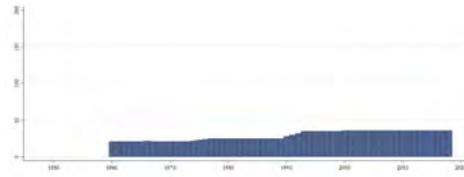
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.45 Share of votes: right (cpds\_vr)

Share of votes of the political parties classified as right.



Min. Year:2017 Max. Year: 2017  
N: 36



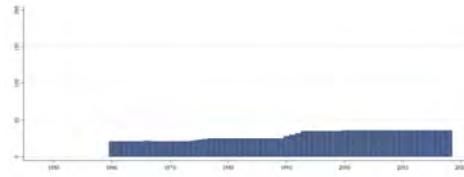
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.46 Share of votes: regionalist (cpds\_vreg)

Share of votes of the political parties classified as regionalist.



Min. Year:2017 Max. Year: 2017  
N: 36



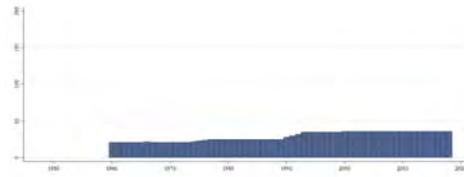
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.47 Share of votes: religious (cpds\_vrel)

Share of votes of the political parties classified as religious.



Min. Year:2017 Max. Year: 2017  
N: 36



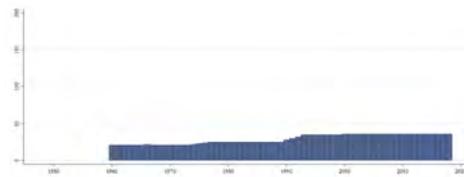
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.48 Share of votes: social democratic (cpds\_vs)

Share of votes of the political parties classified as social democratic.



Min. Year:2017 Max. Year: 2017  
N: 36



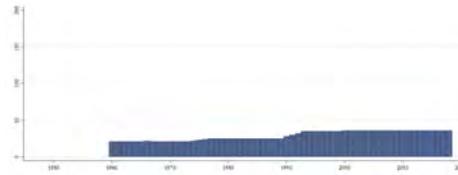
Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

#### 4.20.49 Voter turnout in election (cpds\_vt)

Voter turnout in election.



Min. Year:2017 Max. Year: 2017  
N: 36



Min. Year:1960 Max. Year: 2018  
N: 38 n: 1708  $\bar{N}$ : 29  $\bar{T}$ : 45

## 4.21 Fazekas and Kocsis

<https://opentender.eu/download>  
(Fazekas & Kocsis, 2017)  
(Data downloaded: 2020-11-09)

### Corruption Risks Indicators

Measuring high-level corruption is subject to extensive scholarly and policy interest, which has achieved moderate progress in the last decade. This dataset presents four objective proxy measures of high-level corruption in public procurement: single bidding in competitive markets, the share of contracts with “no published call for tender” red flag, the share of contracts with “non-open procedure” red flag, and share of contracts with “tax haven” red flag.

Using official government data on 4 million contracts in thirty-two European countries from 2011 to 2018, the authors directly operationalize a common definition of corruption: unjustified restriction of access to public contracts to favour a selected bidder.

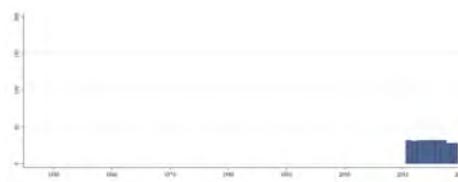
Corruption indicators are calculated at the contract level, but produce aggregate indices consistent with well-established country-level indicators, and are also validated by micro-level tests.

#### 4.21.1 Number of awarded contracts above EUR 130,000 (cri\_contr)

Number of successfully awarded contracts within tenders published on TED above 130k EUR threshold.



Min. Year:2017 Max. Year: 2017  
N: 32



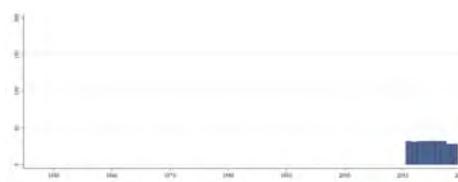
Min. Year:2011 Max. Year: 2019  
N: 32 n: 279  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.21.2 Final value of awarded tenders of over EUR 130,000 (cri\_cvalue)

Sum of the final value of successfully awarded tenders published on TED above 130k EUR threshold.



Min. Year:2017 Max. Year: 2017  
N: 32



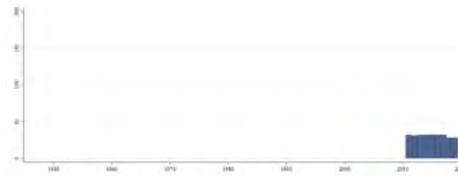
Min. Year:2011 Max. Year: 2019  
N: 32 n: 279  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.21.3 Share of contracts with no published call for tender red flag (cri\_nocall)

Share of contracts with “no published call for tender” red flag. Contract is considered to have “no call for tender” red flag if two conditions are met: i) sum of prior information notices and contract notices equals 0 and ii) country of a buyer is not on the list of countries in which “no call for tender publication” is not a risk factor. These countries are BG, DK, EE, ES, LT.



Min. Year:2017 Max. Year: 2017  
N: 32



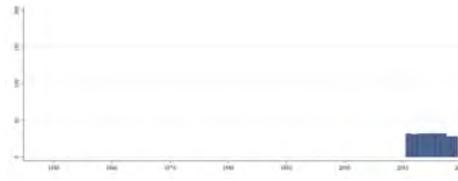
Min. Year:2011 Max. Year: 2019  
N: 32 n: 279  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.21.4 Share of contracts with non-open procedure red flag (cri\_nonopen)

Share of contracts with “non-open procedure” red flag. Whether procedure is considered non-open depends on procedure type as well as specific country regulation. Please refer to the “Non-open procedure details” sheet to search for country-procedure combinations.



Min. Year:2017 Max. Year: 2017  
N: 32



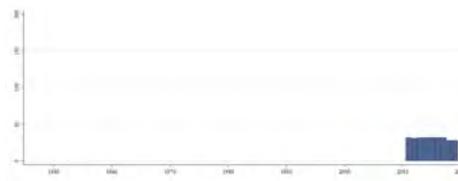
Min. Year:2011 Max. Year: 2019  
N: 32 n: 279  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.21.5 Share of contracts with only one bid in total (cri\_singleb)

Share of contracts with only one bid in total.



Min. Year:2017 Max. Year: 2017  
N: 32



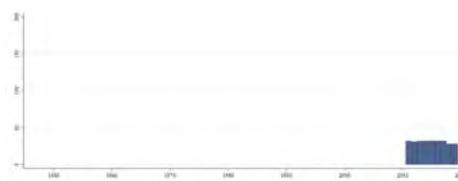
Min. Year:2011 Max. Year: 2019  
N: 32 n: 279  $\bar{N}$ : 31  $\bar{T}$ : 9

#### 4.21.6 Share of contracts with tax haven red flag (cri\_taxhav)

Share of contracts with “tax haven” red flag. Contract has “tax haven” red flag in case two conditions are met: i) buyer and supplier are from different countries and ii) according to Financial Secrecy Index (<https://fsi.taxjustice.net/en/>) supplier country was classified as tax haven.



Min. Year:2017 Max. Year: 2017  
N: 32



Min. Year:2011 Max. Year: 2019  
N: 32 n: 279  $\bar{N}$ : 31  $\bar{T}$ : 9

## 4.22 Comparative Study of Electoral Systems

<http://www.cses.org/>

(The Comparative Study of Electoral Systems, 2015a) (The Comparative Study of Electoral Systems, 2015b) (The Comparative Study of Electoral Systems, 2015c) (The Comparative Study of Electoral Systems, 2018) (The Comparative Study of Electoral Systems, 2020)  
(Data downloaded: 2020-10-06)

### CSES datasets

CSES (CSES1, CSES2, CSES3, CSES4 and CSES5) is a collaborative program of research among election study teams from around the world. Participating countries include a common module of survey questions in their post-election studies. The resulting data are deposited along with voting, demographic, district and macro variables. The studies are then merged into a single, free, public dataset for use in comparative study and cross-level analysis. The research agenda, questionnaires, and study design are developed by an international committee of leading scholars of electoral politics and political science. The design is implemented in each country by their foremost social scientists.

Note: Portugal 2002 from the initial data Module 1 was excluded, as this module provide data until 2001, therefore these observations are coded incorrectly.

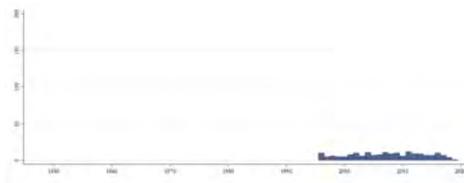
#### 4.22.1 Close to Political Party (cses\_pc)

Do you usually think of yourself as close to any particular party? Share of the population who answered Yes.

Note: Refused to answer, Don't know and similar answers were coded as missing, and the average are based on the remaining answers.



Min. Year:2014 Max. Year: 2019  
N: 32



Min. Year:1996 Max. Year: 2019  
N: 53 n: 183  $\bar{N}$ : 8  $\bar{T}$ : 3

#### 4.22.2 Satisfaction with Democracy (cses\_sd)

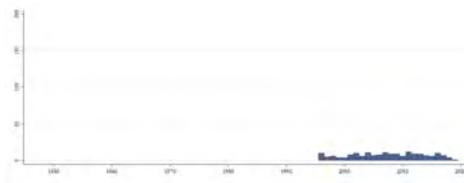
On the whole, are you very satisfied, fairly satisfied, not very satisfied, or not at all satisfied with the way democracy works in [COUNTRY]?

1. Not at all satisfied.
2. Not very satisfied.
3. Fairly satisfied.
4. Very satisfied.

Note: Refused to answer, Don't know and similar answers were coded as missing, and the average are based on the remaining answers.



Min. Year:2014 Max. Year: 2019  
N: 31



Min. Year:1996 Max. Year: 2019  
N: 52 n: 179  $\bar{N}$ : 7  $\bar{T}$ : 3

## 4.23 Center of Systemic Peace

<http://www.systemicpeace.org/inscrdata.html>

(Marshall & Elzinga-Marshall, 2017)

(Data downloaded: 2020-09-09)

### State Fragility Index and Matrix

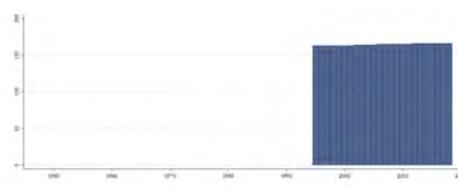
The State Fragility Index and Matrix provides annual state fragility, effectiveness, and legitimacy indices and the eight component indicators for the world's 167 countries with populations greater than 500,000 in 2018.

#### 4.23.1 State Fragility Index (cspf\_sfi)

A country's fragility is closely associated with its state capacity to manage conflict; make and implement public policy; and deliver essential services and its systemic resilience in maintaining system coherence, cohesion, and quality of life; responding effectively to challenges and crises, and sustaining progressive development. State Fragility = Effectiveness Score + Legitimacy Score (25 points possible).



Min. Year:2017 Max. Year: 2017  
N: 166



Min. Year:1995 Max. Year: 2018  
N: 168 n: 3949  $\bar{N}$ : 165  $\bar{T}$ : 24

## 4.24 Vincenzo Emanuele

<http://www.vincenzoemanuele.com/dataset-of-electoral-volatility.html>

(Emanuele, 2015)

(Data downloaded: 2020-09-10)

### Dataset of Electoral Volatility in Western Europe

This dataset provides data on electoral volatility and its internal components in parliamentary elections (lower house) in 20 countries of Western Europe for the period 1945-2020. It covers the entire universe of Western European elections held after World War II under democratic regimes. Data for Greece, Portugal and Spain have been collected after their democratizations in the 1970s. Altogether, a total of 347 elections (or, more precisely, electoral periods) are included.

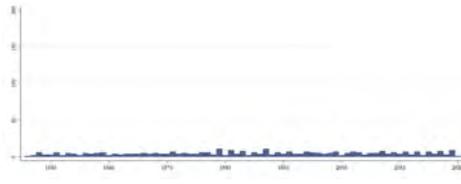
When several elections were held in a single year, the data for the last election is included in the QoG dataset.

#### 4.24.1 Electoral Volatility - Parties above 1% (dev\_altv1)

Electoral volatility caused by vote switching between existing parties, namely parties receiving at least 1% of the national share in both elections under scrutiny.



Min. Year:2016 Max. Year: 2019  
N: 20



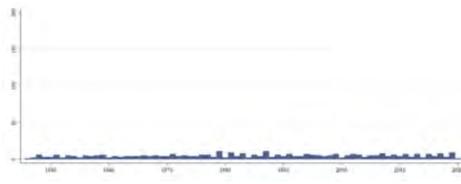
Min. Year:1946 Max. Year: 2020  
N: 22 n: 361  $\bar{N}$ : 5  $\bar{T}$ : 16

#### 4.24.2 Electoral Volatility - Parties below 1% (dev\_othv1)

Electoral volatility caused by vote switching between parties falling below 1% of the national share in both the elections at time  $t$  and  $t+1$ . It is important to clarify that this category is not computed by aggregating the scores of each party falling below 1% and then comparing the overall sum at time  $t$  and  $t+1$ . Conversely, each party's volatility is counted separately - up to a specification of 0.1% - and then added to the calculation of dev\_othv. This choice has been made to avoid underestimation of Total Volatility but at the same time to maintain a distinction between parties above 1% and parties below 1% for the calculation of the two components of dev\_regv and dev\_altv.



Min. Year:2016 Max. Year: 2019  
N: 20



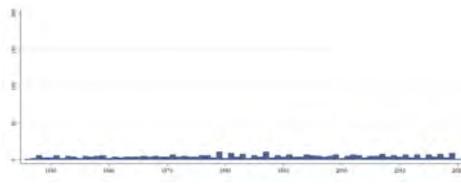
Min. Year:1946 Max. Year: 2020  
N: 22 n: 361  $\bar{N}$ : 5  $\bar{T}$ : 16

#### 4.24.3 Electoral Volatility - Parties entering/exiting party system (dev\_regv1)

Electoral volatility caused by vote switching between parties that enter or exit from the party system. A party is considered as entering the party system where it receives at least 1% of the national share in election at time  $t+1$  (while it received less than 1% in election at time  $t$ ). Conversely, a party is considered as exiting the party system where it receives less than 1% in election at time  $t+1$  (while it received at least 1% in election at time  $t$ ).



Min. Year:2016 Max. Year: 2019  
N: 20



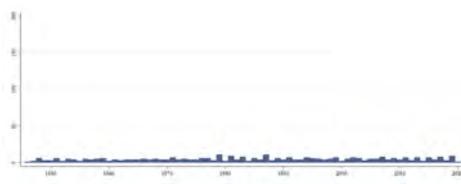
Min. Year:1946 Max. Year: 2020  
N: 22 n: 361  $\bar{N}$ : 5  $\bar{T}$ : 16

#### 4.24.4 Electoral Volatility - Total (dev\_tv1)

Total electoral volatility in the party system, given by the sum of the previous measures: dev\_regv + dev\_altv + dev\_othv = dev\_tv.



Min. Year:2016 Max. Year: 2019  
N: 20



Min. Year:1946 Max. Year: 2020  
N: 22 n: 361  $\bar{N}$ : 5  $\bar{T}$ : 16

## 4.25 Andrew Williams

<https://andrewwilliamsecon.wordpress.com/datasets/>  
(Williams, 2015)  
(Data downloaded: 2020-09-21)

### Dataset for Information and Accountability Transparency (2014)

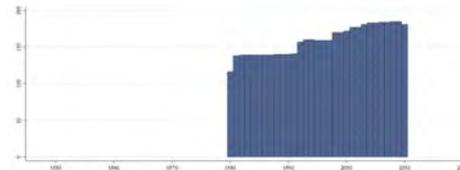
The article “A global index of information transparency and accountability” (Williams, 2015) uses a relatively new methodology, similar to Transparency International’s Corruption Perceptions Index, to construct composite indicators of Informational Transparency, and Accountability. These new indicators use data from 29 sources, with scores being derived annually between 1980 and 2010 across more than 190 countries.

#### 4.25.1 Accountability Transparency (diat\_ati)

Accountability Transparency. Author has 16 separate indicators for the Accountability Transparency Index (six for the measurement of a free media, four for fiscal transparency, and six for political constraints). 1980 is considered to be the base year. The Accountability Transparency Index has 115 countries in 1980, but rising to up to 189 countries towards the end of the period.

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



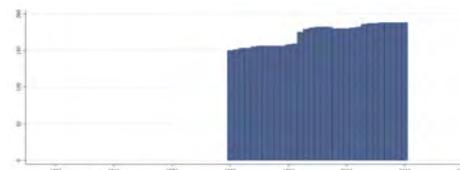
Min. Year:1980 Max. Year: 2010  
N: 191 n: 4935  $\bar{N}$ : 159  $\bar{T}$ : 26

#### 4.25.2 Information Transparency (diat\_iti)

Information Transparency. Sub-indicators are constructed to reflect the nuances of this type of transparency. Specifically, three sub-components are constructed: (1) the existence of a free and independent media; (2) fiscal (budgetary) transparency; (3) political constraints. The author has 13 separate indicators for the Information Transparency Index (six for the quantity of information, four for the processes that generate that information, and three for the infrastructure required to disseminate that information). 1980 is considered to be the base year. The Information Transparency Index (ITI) has scores for initially 153 countries in 1980, increasing over time to 191 by the year 2010.

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



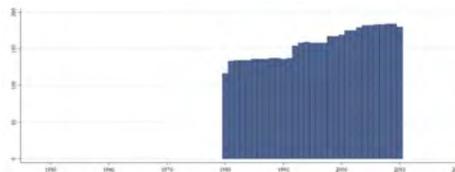
Min. Year:1980 Max. Year: 2010  
N: 191 n: 5343  $\bar{N}$ : 172  $\bar{T}$ : 28

#### 4.25.3 Transparency Index (diat\_ti)

Transparency Index. Combined index of Information Transparency Index and Accountability Transparency Index.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1980 Max. Year: 2010  
N: 188 n: 4861  $\bar{N}$ : 157  $\bar{T}$ : 26

### 4.26 ETH Zurich

<http://globalization.kof.ethz.ch/>  
(Gygli et al., 2019) (Dreher, 2006)  
(Data downloaded: 2021-01-22)

#### KOF Index of Globalization

KOF Index of Globalization. All indexes below range between 0 and 100, where higher values indicate a higher degree of globalization.

The KOF Globalization Index measures the economic, social and political dimension to globalization. It is used in order to monitor changes in the level of globalization of different countries over extended periods of time. The current KOF Globalization Index is available for 185 countries and covers the period from 1970 until 2018. A distinction is drawn between de facto and de jure for the Index as a whole, as well as within the economic, social and political components.

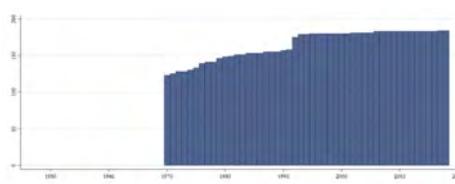
The Index measures globalization on a scale of 1 to 100. The figures for the constituent variables are expressed as percentiles. This means that outliers are smoothed and ensures that fluctuations over time are lower. Due to the new methodology, the current Index is only to a limited extent comparable to the old KOF Globalization Index.

##### 4.26.1 Economic Globalization (dr\_eg)

Economic globalisation (scale of 1 to 100) covers both trade flows as well as financial flows. De facto trade is determined with reference to the trade in goods and services. De jure trade covers customs duties, taxes and restrictions on trade.



Min. Year:2017 Max. Year: 2017  
N: 184



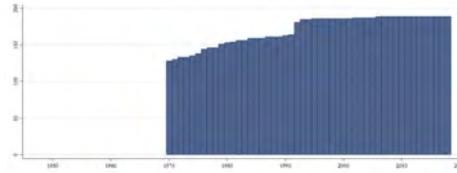
Min. Year:1970 Max. Year: 2018  
N: 189 n: 8070  $\bar{N}$ : 165  $\bar{T}$ : 43

##### 4.26.2 Index of Globalization (dr\_ig)

The overall index of globalization (scale of 1 to 100) is the weighted average of the following variables: economic globalization, social globalization and political globalization (dr\_eg, dr\_sg and dr\_pg). Most weight has been given to economic followed by social globalization.



Min. Year:2017 Max. Year: 2017  
N: 189



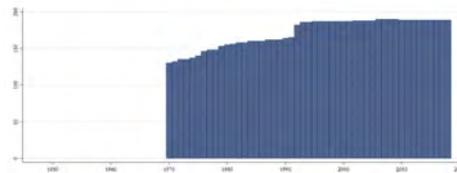
Min. Year:1970 Max. Year: 2018  
N: 194 n: 8348  $\bar{N}$ : 170  $\bar{T}$ : 43

#### 4.26.3 Political Globalization (dr\_pg)

Political globalisation (scale of 1 to 100) regards the de facto segment measured with reference to the number of embassies and international non-governmental organisations (NGOs), along with participation in UN peacekeeping missions. The de jure segment contains variables focussing on membership of international organisations and international treaties.



Min. Year:2017 Max. Year: 2017  
N: 189



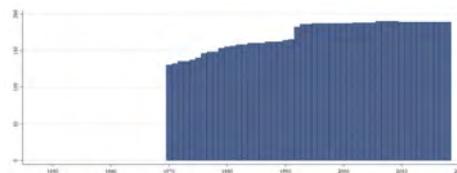
Min. Year:1970 Max. Year: 2018  
N: 195 n: 8402  $\bar{N}$ : 171  $\bar{T}$ : 43

#### 4.26.4 Social Globalization (dr\_sg)

Social globalization (scale of 1 to 100) is comprised of three segments, each with its own de facto and de jure segment. Interpersonal contact is measured within the de facto segment with reference to international telephone connections, tourist numbers and migration. Within the de jure segment, it is measured with reference to telephone subscriptions, international airports and visa restrictions. Flows of information are determined within the de facto segment with reference to international patent applications, international students and trade in high technology goods. The de jure segment measures access to TV and the internet, freedom of the press and international internet connections. Cultural proximity is measured in the de facto segment from trade in cultural goods, international trade mark registrations and the number of McDonald's restaurants and IKEA stores. The de jure area focuses on civil rights (freedom of citizens), gender equality and public spending on school education.



Min. Year:2017 Max. Year: 2017  
N: 189



Min. Year:1970 Max. Year: 2018  
N: 195 n: 8402  $\bar{N}$ : 171  $\bar{T}$ : 43

### 4.27 Global Footprint Network

[http://www.footprintnetwork.org/en/index.php/GFN/page/footprint\\_data\\_and\\_results/](http://www.footprintnetwork.org/en/index.php/GFN/page/footprint_data_and_results/)  
(Global Footprint Network, 2018)  
(Data downloaded: 2020-10-21)

## Global Footprint Data

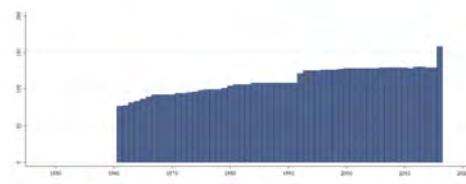
The National Footprint Accounts (NFAs) measure the ecological resource use and resource capacity of nations over time. Based on approximately 6,000 data points per country per year, the Accounts calculate the Footprints of 232 countries, territories, and regions from 1961 to the present, providing the core data needed for all Ecological Footprint analysis worldwide. This Data Package contains Ecological Footprint and biocapacity as well as Human Development and population data to give a first approximation of the biological resource situation of the featured countries.

### 4.27.1 Built-up land footprint- Ecological Footprint of Consumption (GHA per person) (ef\_bul)

Built-up Land - Ecological footprint in consumption. The built-up land Footprint is calculated based on the area of land covered by human infrastructure: transportation, housing, and industrial structures. Built-up land may occupy what would previously have been cropland. Measured in Global Hectares (GHA) per person.



Min. Year:2016 Max. Year: 2016  
N: 158



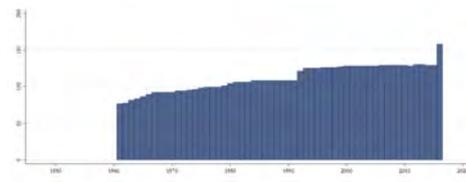
Min. Year:1961 Max. Year: 2016  
N: 168 n: 6244  $\bar{N}$ : 112  $\bar{T}$ : 37

### 4.27.2 Carbon footprint - Ecological Footprint of Consumption (GHA per person) (ef\_carb)

Carbon - Ecological footprint in consumption. The carbon Footprint, which represents the carbon dioxide emissions from burning fossil fuels in addition to the embodied carbon in imported goods. The carbon Footprint component is represented by the area of forest land required to sequester these carbon emissions. Currently, the carbon Footprint is the largest portion of humanity's Footprint.



Min. Year:2016 Max. Year: 2016  
N: 158



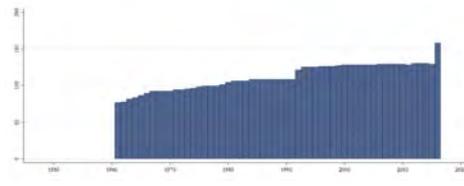
Min. Year:1961 Max. Year: 2016  
N: 168 n: 6244  $\bar{N}$ : 112  $\bar{T}$ : 37

### 4.27.3 Cropland footprint - Ecological Footprint of Consumption (GHA per person) (ef\_crop)

Cropland - Ecological footprint in consumption. Cropland is the most bioproductive of all the land-use types and consists of areas used to produce food and fibre for human consumption, feed for livestock, oil crops, and rubber. The cropland Footprint includes crop products allocated to livestock and aquaculture feed mixes, and those used for fibres and materials. Due to lack of globally consistent data sets, current cropland Footprint calculations do not yet take into account the extent to which farming techniques or unsustainable agricultural practices may cause long-term degradation of soil.



Min. Year:2014 Max. Year: 2016  
N: 159



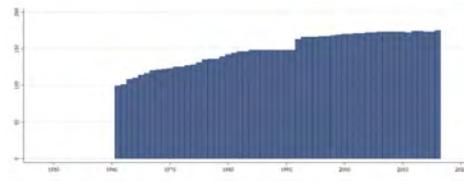
Min. Year:1961 Max. Year: 2016  
N: 168 n: 6245  $\bar{N}$ : 112  $\bar{T}$ : 37

#### 4.27.4 Total Ecological Footprint of Consumption (GHA per person) (ef\_ef)

Total - Ecological footprint in consumption. Measured in Global Hectares (GHA) per person.



Min. Year:2016 Max. Year: 2016  
N: 175



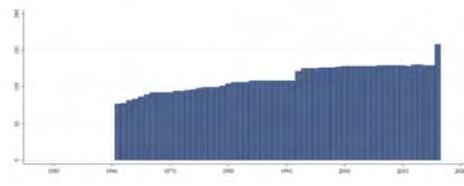
Min. Year:1961 Max. Year: 2016  
N: 189 n: 8342  $\bar{N}$ : 149  $\bar{T}$ : 44

#### 4.27.5 Fish footprint - Ecological Footprint of Consumption (GHA per person) (ef\_fg)

Fishing Ground - Ecological footprint in consumption. The fishing grounds Footprint is calculated based on estimates of the maximum sustainable catch for a variety of fish species. These sustainable catch estimates are converted into an equivalent mass of primary production based on the various species' trophic levels. This estimate of maximum harvestable primary production is then divided amongst the continental shelf areas of the world. Fish caught and used in aquaculture feed mixes are included. Measured in Global Hectares (GHA) per person.



Min. Year:2016 Max. Year: 2016  
N: 158



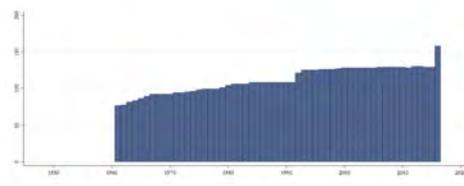
Min. Year:1961 Max. Year: 2016  
N: 168 n: 6244  $\bar{N}$ : 112  $\bar{T}$ : 37

#### 4.27.6 Forest product footprint - Ecological Footprint of Consumption (GHA per person) (ef\_for)

Forest Production - Ecological footprint in consumption. The forest product Footprint, which is calculated based on the amount of lumber, pulp, timber products, and fuel wood consumed by a population on a yearly basis. Measured in Global Hectares (GHA) per person.



Min. Year:2016 Max. Year: 2016  
N: 158



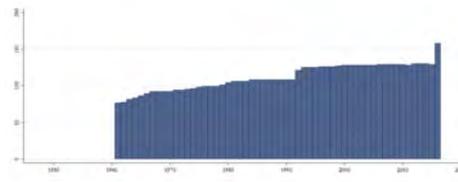
Min. Year:1961 Max. Year: 2016  
N: 168 n: 6244  $\bar{N}$ : 112  $\bar{T}$ : 37

#### 4.27.7 Grazing footprint - Ecological Footprint of Consumption (GHA per person) (ef\_gl)

Grazing - Ecological footprint in consumption. Grazing land is used to raise livestock for meat, dairy, hide, and wool products. The grazing land Footprint is calculated by comparing the amount of livestock feed available in a country with the amount of feed required for all livestock in that year, with the remainder of feed demand assumed to come from grazing land. Measured in Global Hectares (GHA) per person.



Min. Year:2014 Max. Year: 2016  
N: 159



Min. Year:1961 Max. Year: 2016  
N: 168 n: 6245  $\bar{N}$ : 112  $\bar{T}$ : 37

### 4.28 UN Department of Economic and Social Affairs

<https://publicadministration.un.org/egovkb/en-us/Overview>

(Department of Economic and Social Affairs, 2020)

(Data downloaded: 2020-10-21)

#### UN E-Government Knowledgebase

The E-Government Development Index presents the state of E-Government Development of the United Nations Member States. Along with an assessment of the website development patterns in a country, the E-Government Development index incorporates the access characteristics, such as the infrastructure and educational levels, to reflect how a country is using information technologies to promote access and inclusion of its people. The EGDI is a composite measure of three important dimensions of e-government, namely: provision of online services, telecommunication connectivity and human capacity.

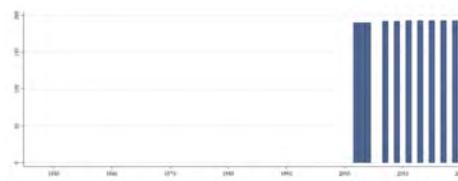
The EGDI is not designed to capture e-government development in an absolute sense; rather, it aims to give a performance rating of national governments relative to one another.

#### 4.28.1 E-Government Index (egov\_egov)

The E-Government Development Index (EGDI) is a weighted average of normalised scores on the three most important dimensions of e-government, namely: scope and quality of online services (Online Service Index, OSI), status of the development of telecommunication infrastructure (Telecommunication Infrastructure Index, TII) and inherent human capital (Human Capital Index, HCI). Each of these sets of indices is in itself a composite measure that can be extracted and analysed independently.



Min. Year:2017 Max. Year: 2017  
N: 193



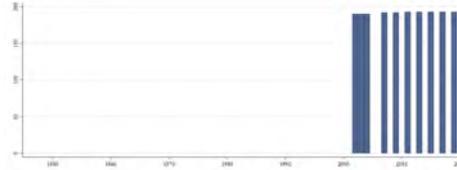
Min. Year:2002 Max. Year: 2019  
N: 194 n: 1919  $\bar{N}$ : 107  $\bar{T}$ : 10

#### 4.28.2 E-Participation Index (egov\_epar)

The E-Participation Index (EPI) is derived as a supplementary index to the UN E-Government Survey. It extends the dimension of the Survey by focusing on the use of online services to facilitate provision of information by governments to citizens (e-information sharing), interaction with stakeholders (e-consultation) and engagement in decision-making processes.



Min. Year:2017 Max. Year: 2017  
N: 193



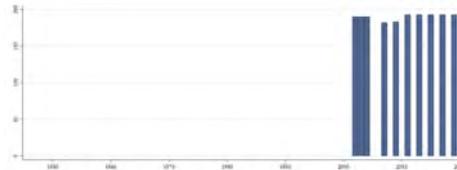
Min. Year:2002 Max. Year: 2019  
N: 194 n: 1919  $\bar{N}$ : 107  $\bar{T}$ : 10

#### 4.28.3 Human Capital Index (egov\_hci)

The Human Capital Index (HCI) consists of four components, namely: (i) adult literacy rate; (ii) the combined primary, secondary and tertiary gross enrolment ratio; (iii) expected years of schooling; and (iv) average years of schooling.



Min. Year:2017 Max. Year: 2017  
N: 193



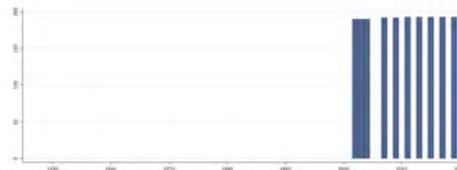
Min. Year:2002 Max. Year: 2019  
N: 194 n: 1900  $\bar{N}$ : 106  $\bar{T}$ : 10

#### 4.28.4 Online Service Index (egov\_osi)

The Online Service Index (OSI) values for 2016 were constructed by 111 researchers, including UN experts and online United Nations Volunteers (UNVs) from over 60 countries with coverage of 66 languages assessed each country's national website in the native language, including the national portal, e-services portal and e-participation portal, as well as the websites of the related ministries of education, labour, social services, health, finance and environment as applicable. The UNVs included qualified graduate students and volunteers from universities in the field of public administration.



Min. Year:2017 Max. Year: 2017  
N: 193



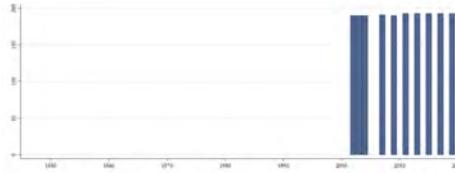
Min. Year:2002 Max. Year: 2019  
N: 194 n: 1919  $\bar{N}$ : 107  $\bar{T}$ : 10

#### 4.28.5 Telecommunication Infrastructure Index (egov\_tii)

The Telecommunication Infrastructure Index (TII) is an arithmetic average composite of five indicators: (i) estimated internet users per 100 inhabitants; (ii) number of main fixed telephone lines per 100 inhabitants; (iii) number of mobile subscribers per 100 inhabitants; (iv) number of wireless broadband subscriptions per 100 inhabitants; and (v) number of fixed broadband subscriptions per 100 inhabitants. The International Telecommunication Union is the primary source of data in each case.



Min. Year:2017 Max. Year: 2017  
N: 193



Min. Year:2002 Max. Year: 2019  
N: 194 n: 1916  $\bar{N}$ : 106  $\bar{T}$ : 10

## 4.29 Ease of Doing Business Report

<http://www.doingbusiness.org/en/doingbusiness>

(The World Bank Group, 2020)

(Data downloaded: 2020-09-24)

### Ease of Doing Business - Historical Data

The Doing Business project provides objective measures of business regulations and their enforcement across 190 economies. This EOB 2020 report covers 11 indicator sets and 190 economies. Most indicator sets refer to a case scenario in the largest business city of each economy, except for 11 economies that have a population of more than 100 million as of 2013 (Bangladesh, Brazil, China, India, Indonesia, Japan, Mexico, Nigeria, Pakistan, the Russian Federation and the United States) where Doing Business, also collected data for the second largest business city.

The ease of doing business score captures the gap between an economy's performance and a measure of best practice across the entire sample of 41 indicators for 10 Doing Business topics (the labor market regulation indicators are excluded). For starting a business, for example, New Zealand and Georgia have the lowest number of procedures required (1). New Zealand also holds the shortest time to start a business (0.5 days), while Slovenia has the lowest cost (0.0).

Calculating the ease of doing business score for each economy involves two main steps. In the first step individual component indicators are normalized to a common unit where each of the 41 component indicators  $y$  (except for the total tax and contribution rate) is rescaled using the linear transformation  $(\text{worst} - y)/(\text{worst} - \text{best})$ . In this formulation, the highest score represents the best regulatory performance on the indicator across all economies since 2005 or the third year in which data for the indicator were collected.

Both the best regulatory performance and the worst regulatory performance are established every five years based on the Doing Business data for the year in which they are established and remain at that level for the five years regardless of any changes in data in interim years. Thus, an economy may establish the best regulatory performance for an indicator even though it may not have the highest score in a subsequent year. Conversely, an economy may score higher than the best regulatory performance if the economy reforms after the best regulatory performance is set. For example, the best regulatory performance for the time to get electricity is set at 18 days. In the Republic of Korea it now takes 13 days to get electricity while in the United Arab Emirates it takes just 10 days. Although the two economies have different times, both economies score 100 on the time to get electricity because they have exceeded the threshold of 18 days.

For scores such as those on the strength of legal rights index or the quality of land administration index, the best regulatory performance is set at the highest possible value (although no economy has yet reached that value in the case of the latter).

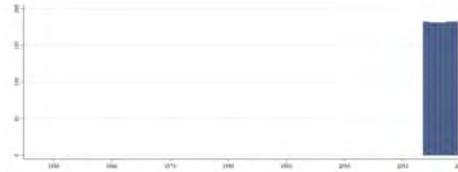
Due to the changes in methodologies, some variables are presented separately, given that they are not comparable given these said changes.

#### 4.29.1 Building quality control index (0-15)(DB16-20 methodology) (eob\_bqci)

The building Quality control index (0-15) (DB16-20 methodology) index ranges from 0 to 15 and is calculated on the basis of the following six indices: (i) quality of building regulations, (ii) quality control before construction, (iii) quality control during construction, (iv) quality control after construction, (v) liability and insurance regimes, and (vi) professional certifications.



Min. Year:2015 Max. Year: 2018  
N: 183



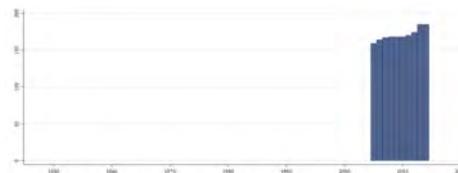
Min. Year:2014 Max. Year: 2019  
N: 183 n: 1089  $\bar{N}$ : 182  $\bar{T}$ : 6

#### 4.29.2 Dealing with construction permits (DB06-15 methodology) (eob\_dcp06)

Score-Dealing with Construction Permits (DB06-15 methodology) measures the gap between an economy's performance and the regulatory best practice on the Dealing with Construction permits indicator components. It is calculated as the simple average of the scores for Procedures (number), Time (days), and Cost (a percentage of the warehouse value). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2014 Max. Year: 2014  
N: 185



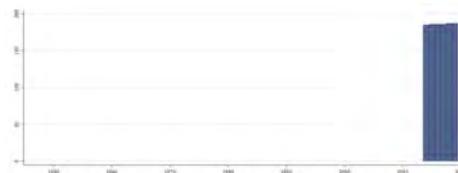
Min. Year:2005 Max. Year: 2014  
N: 186 n: 1708  $\bar{N}$ : 171  $\bar{T}$ : 9

#### 4.29.3 Dealing with construction permits (DB16-20 methodology) (eob\_dcp16)

Score-Dealing with Construction Permits (DB16-20 methodology) measures the gap between an economy's performance and the regulatory best practice on the Dealing with Construction permits indicator components. It is calculated as the simple average of the scores for Procedures (number), Time (days), Cost (a percentage of the warehouse value), and the Building Quality Control Index. The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



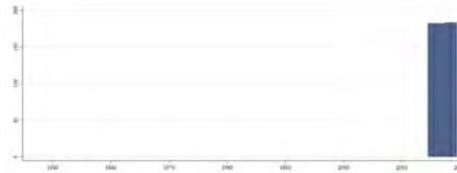
Min. Year:2014 Max. Year: 2019  
N: 187 n: 1117  $\bar{N}$ : 186  $\bar{T}$ : 6

#### 4.29.4 Equal access to property rights index (-2-0)(DB17-20 methodology) (eob\_eapr)

Equal access to property rights index (-2 - 0) (DB17-20 methodology) evaluates whether married or unmarried women have equal access to property rights. Equal access to property rights can help to increase the competitiveness of an economy, or increase its labor force.



Min. Year:2017 Max. Year: 2018  
N: 183



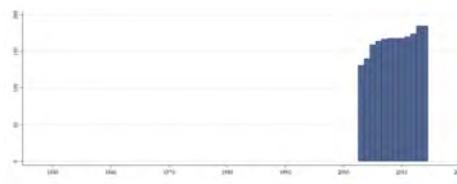
Min. Year:2015 Max. Year: 2019  
N: 183 n: 912  $\bar{N}$ : 182  $\bar{T}$ : 5

#### 4.29.5 Enforcing contracts (DB04-15 methodology) (eob\_ec04)

Score-Enforcing contracts (DB04-15 methodology) measures the gap between an economy's performance and the regulatory best practice on the Enforcing Contracts indicator components. It is calculated as the simple average of the scores for Time (days), Cost (% of claim value) and Procedures (number). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2014 Max. Year: 2014  
N: 185



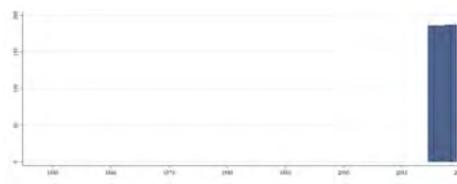
Min. Year:2003 Max. Year: 2014  
N: 186 n: 1979  $\bar{N}$ : 165  $\bar{T}$ : 11

#### 4.29.6 Enforcing contracts (DB17-20 methodology) (eob\_ec17)

Score-Enforcing contracts (DB17-20 methodology) measures the gap between an economy's performance and the regulatory best practice on the Enforcing Contracts indicator components. It is calculated as the simple average of the scores for Time (days), Cost (% of claim value) and Quality of judicial processes index. The Quality of judicial processes index is expanded to measure whether a woman's testimony carries the same evidentiary weight in court as a man's. The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



Min. Year:2015 Max. Year: 2019  
N: 187 n: 932  $\bar{N}$ : 186  $\bar{T}$ : 5

#### 4.29.7 Ease of doing business score (DB10-14 methodology) (eob\_eob14)

Ease of doing business score (DB10-14 methodology) captures the gap between an economy's performance and a measure of best practice across the entire sample of 41 indicators for 10 Doing Business topics. The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance. Calculating the ease of doing business score for each economy involves two main steps. In the first step individual component indicators are normalized to a common unit where each of the 41 component indicators  $y$  (except for the total tax and contribution rate) is rescaled using the linear transformation  $(\text{worst} - y)/(\text{worst} - \text{best})$ . In this formulation the highest score represents the best regulatory performance on the indicator across all economies since 2005 or the third year in which data for the indicator were collected. Both the best regulatory performance and the worst regulatory performance are established every five years based on the Doing Business data for the year in which they are established and remain at that level for the five years regardless of any changes in data in interim years. In the second step for calculating the ease of doing business score,

the scores obtained for individual indicators for each economy are aggregated through simple averaging into one score, first for each topic and then across all 10 topics. For the ease of doing business score (DB10-14 methodology), the specific topic scores used are: Score-Starting a business, Score-Dealing with construction permits (DB06-15 methodology), Score-Getting electricity (DB10-15 methodology), Score-Registering property (DB05-15 methodology), Score-Getting credit (DB05-14 methodology), Score-Protecting minority investors (DB06-14 methodology), Score-Paying taxes (DB06-16 methodology), Score-Trading across borders (DB06-15 methodology), Score-Enforcing contracts (DB04-15 methodology), Score-Resolving insolvency (DB04-14 methodology).

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 2009 Max. Year: 2013  
N: 186 n: 865  $\bar{N}$ : 173  $\bar{T}$ : 5

#### 4.29.8 Ease of doing business score (DB15 methodology) (eob\_eob15)

Ease of doing business score (DB15 methodology) captures the gap between an economy's performance and a measure of best practice across the entire sample of 41 indicators for 10 Doing Business topics. The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance. Calculating the ease of doing business score for each economy involves two main steps. In the first step individual component indicators are normalized to a common unit where each of the 41 component indicators  $y$  (except for the total tax and contribution rate) is rescaled using the linear transformation  $(\text{worst} - y)/(\text{worst} - \text{best})$ . In this formulation the highest score represents the best regulatory performance on the indicator across all economies since 2005 or the third year in which data for the indicator were collected. Both the best regulatory performance and the worst regulatory performance are established every five years based on the Doing Business data for the year in which they are established and remain at that level for the five years regardless of any changes in data in interim years. In the second step for calculating the ease of doing business score, the scores obtained for individual indicators for each economy are aggregated through simple averaging into one score, first for each topic and then across all 10 topics. For the ease of doing business score (DB15 methodology), the specific topic scores used are: Score-Starting a business, Score-Dealing with construction permits (DB06-15 methodology), Score-Getting electricity (DB10-15 methodology), Score-Registering property (DB05-15 methodology), Score-Getting credit (DB15-20 methodology), Score-Protecting minority investors (DB15-20 methodology), Score-Paying taxes (DB06-16 methodology), Score-Trading across borders (DB06-15 methodology), Score-Enforcing contracts (DB04-15 methodology), Score-Resolving insolvency (DB15-20 methodology).



Min. Year: 2014 Max. Year: 2014  
N: 185

**Variable not included  
in Time-Series Data**

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

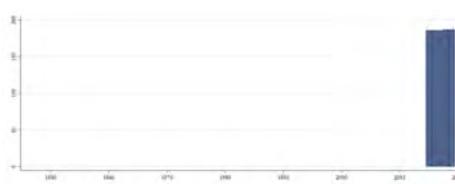
#### 4.29.9 Ease of doing business score (DB17-20 methodology) (eob\_eob17)

Ease of doing business score (DB17-20 methodology) captures the gap between an economy's performance and a measure of best practice across the entire sample of 41 indicators for 10 Doing Business topics. The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance. Calculating the ease of doing business score for each economy involves two main steps. In the first step individual component indicators are normalized to a common unit where each of the 41 component indicators  $y$  (except for the total tax and contribution rate) is rescaled using the linear transformation  $(\text{worst} - y)/(\text{worst} - \text{best})$ . In this formulation

the highest score represents the best regulatory performance on the indicator across all economies since 2005 or the third year in which data for the indicator were collected. Both the best regulatory performance and the worst regulatory performance are established every five years based on the Doing Business data for the year in which they are established and remain at that level for the five years regardless of any changes in data in interim years. In the second step for calculating the ease of doing business score, the scores obtained for individual indicators for each economy are aggregated through simple averaging into one score, first for each topic and then across all 10 topics. For the ease of doing business score (DB17-20 methodology), the specific topic scores used are: Score-Starting a business, Score-Dealing with construction permits (DB16-20 methodology), Score-Getting electricity (DB16-20 methodology), Score-Registering property (DB17-20 methodology), Score-Getting credit (DB15-20 methodology), Score-Protecting minority investors (DB15-20 methodology), Score-Paying taxes (DB17-20 methodology), Score-Trading across borders (DB16-20 methodology), Score-Enforcing contracts (DB17-20 methodology), Score-Resolving insolvency.



Min. Year:2017 Max. Year: 2018  
N: 187



Min. Year:2015 Max. Year: 2019  
N: 187 n: 932  $\bar{N}$ : 186  $\bar{T}$ : 5

#### 4.29.10 Getting credit (DB05-14 methodology) (eob\_gc05)

Score-Getting credit (DB05-14 methodology) measures the gap between an economy's performance and the regulatory best practice on the Getting Credit indicator components. The sub-indicators are weighted proportionally, according to their contribution to the total score, with a weight of 62.5% assigned to the strength of legal rights index and 37.5% to the depth of credit information index. The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



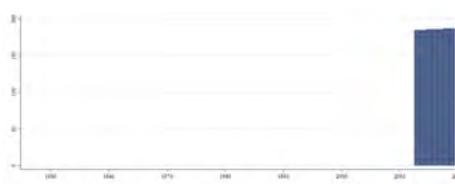
Min. Year:2004 Max. Year: 2013  
N: 186 n: 1663  $\bar{N}$ : 166  $\bar{T}$ : 9

#### 4.29.11 Getting credit (DB15-20 methodology) (eob\_gc15)

Score-Getting credit (DB15-20 methodology) measures the gap between an economy's performance and the regulatory best practice on the Getting Credit indicator components. The sub-indicators are weighted proportionally, according to their contribution to the total score, with a weight of 60% assigned to the strength of legal rights index and 40% to the depth of credit information index. The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



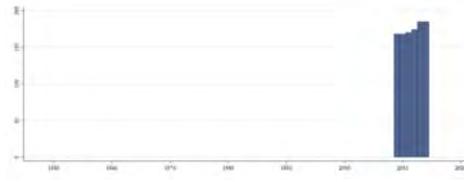
Min. Year:2013 Max. Year: 2019  
N: 187 n: 1302  $\bar{N}$ : 186  $\bar{T}$ : 7

#### 4.29.12 Getting electricity (DB10-15 methodology) (eob\_ge10)

Score-Getting electricity (DB10-15 methodology) measures the gap between an economy's performance and the regulatory best practice on the Getting Electricity indicator. It calculated as the simple average of the scores for Procedures (number), Time (days) and Cost (% of income per capita). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2014 Max. Year: 2014  
N: 185



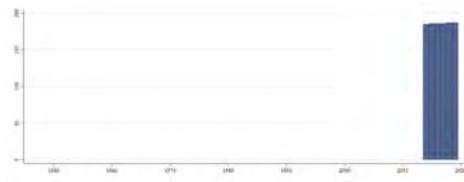
Min. Year:2009 Max. Year: 2014  
N: 186 n: 1050  $\bar{N}$ : 175  $\bar{T}$ : 6

#### 4.29.13 Getting electricity (DB16-20 methodology) (eob\_ge16)

Score-Getting electricity (DB16-20 methodology) measures the gap between an economy's performance and the regulatory best practice on the Getting Electricity indicator components. It is calculated as the simple average of the scores for Procedures (number), Time (days), Cost (% of income per capita), and Reliability of supply and transparency of tariff index. The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



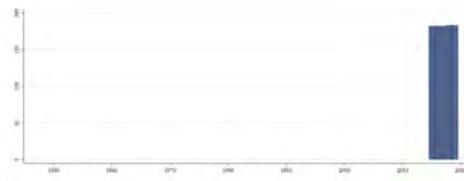
Min. Year:2014 Max. Year: 2019  
N: 187 n: 1117  $\bar{N}$ : 186  $\bar{T}$ : 6

#### 4.29.14 Land dispute resolution index (0-8) (DB17-20 methodology) (eob\_ldri)

Land dispute resolution index (0-8) (DB16-20 methodology) measures the accessibility of conflict resolution mechanisms and the extent of liability for entities or agents recording land transactions.



Min. Year:2017 Max. Year: 2018  
N: 183



Min. Year:2015 Max. Year: 2019  
N: 183 n: 912  $\bar{N}$ : 182  $\bar{T}$ : 5

#### 4.29.15 Protecting minority investors (DB06-14 methodology) (eob\_pmi06)

Score-Protecting minority investors (DB04-14 methodology) measures the gap between an economy's performance and the regulatory best practice on the Protecting Minority Investors indicator components. It is calculated as the simple average of the scores for Extent of disclosure index (0-10), Extent of director liability index (0-10) and Ease of shareholder suits index (0-10) (DB06-14 methodology). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



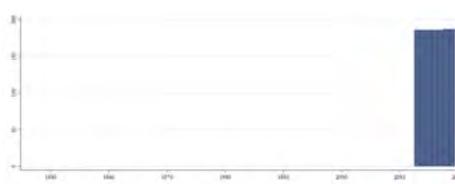
Min. Year:2005 Max. Year: 2013  
N: 187 n: 1666  $\bar{N}$ : 185  $\bar{T}$ : 9

### 4.29.16 Protecting minority investors (DB15-20 methodology) (eob\_pmi15)

Score-Protecting minority investors (DB15-20 methodology) measures the gap between an economy's performance and the regulatory best practice on the Protecting Minority Investors indicator components. It is calculated as the simple average of the scores for Extent of conflict of interest regulation index (0-10) (DB15-20 methodology) and Extent of shareholder governance index (0-10) (DB15-20 methodology). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



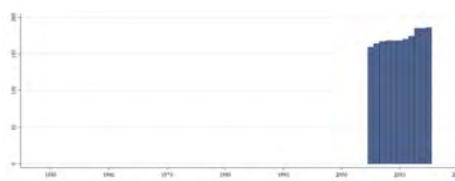
Min. Year:2013 Max. Year: 2019  
N: 187 n: 1304  $\bar{N}$ : 186  $\bar{T}$ : 7

### 4.29.17 Paying taxes (DB06-16 methodology) (eob\_pt06)

Score-Paying taxes (DB06-16 methodology) measures the gap between an economy's performance and the regulatory best practice on the Paying Taxes indicator components. It is calculated as the simple average of the scores for Payments (numbers per year), Time (hours per year), and the Total Tax and Contribution Rate (% of profit). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2015 Max. Year: 2015  
N: 186



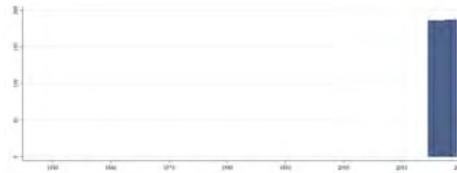
Min. Year:2005 Max. Year: 2015  
N: 187 n: 1894  $\bar{N}$ : 172  $\bar{T}$ : 10

### 4.29.18 Paying taxes (DB17-20 methodology) (eob\_pt17)

Score-Paying taxes (DB17-20 methodology) measures the gap between an economy's performance and the regulatory best practice on the Paying Taxes indicator components. It is calculated as the simple average of the scores for Payments (number per year), Time (hours), Total Tax and Contribution Rate (% of profits), and Postfiling index (0-100) (DB17-20 methodology). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



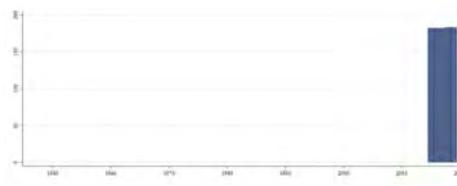
Min. Year:2015 Max. Year: 2019  
N: 187 n: 932  $\bar{N}$ : 186  $\bar{T}$ : 5

#### 4.29.19 Quality of land administration index (0-30) (DB17-20 methodology) (eob\_qla)

Quality of land administration index (0-30) (DB17-20 methodology). This index ranges from 0 to 30 points and is based on five other indices: (i) reliability of infrastructure (0-8), (ii) transparency of information (0-6), (iii) geographic coverage (0-4), (iv) land dispute resolution (0-8) and (v) equal access to property rights (-2 to 0)



Min. Year:2017 Max. Year: 2018  
N: 183



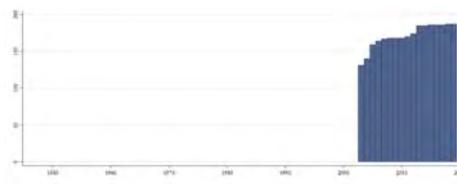
Min. Year:2015 Max. Year: 2019  
N: 183 n: 912  $\bar{N}$ : 182  $\bar{T}$ : 5

#### 4.29.20 Resolving insolvency (eob\_ri)

Score-Resolving insolvency measures the gap between an economy's performance and the regulatory best practice on the Resolving Insolvency indicator components. It is calculated as the simple average of the scores for the Recovery Rate (cents on the dollar) and the Strength of Insolvency Framework Index (0-16). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



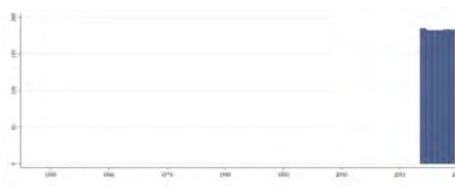
Min. Year:2003 Max. Year: 2019  
N: 188 n: 2911  $\bar{N}$ : 171  $\bar{T}$ : 15

#### 4.29.21 Reliability of supply and transparency of tariff index (0-8)(DB16-20 methodology) (eob\_roest)

Reliability of supply and transparency of tariff index (0-8) (DB16-20 methodology) This index ranges from 0 to 8 and is calculated on the basis of the following six components: (i)Duration and frequency of power outages (0-3); (ii) Tools to monitor power outages (0-1); (iii) Tools to restore power supply (0-1); (iv) Regulatory monitoring of utilities' performance (0-1); (v) Financial deterrents aimed at limiting outages (0-1); and (vi) Transparency and accessibility of tariffs (0-1). An economy is eligible to obtain a score on the reliability of supply and transparency of tariffs index only if (i) the utility collects data on all types of outages (average total duration of outages per customer and the average number of outages per customer), including planned and unplanned outages, as well as load shedding, with the minimum outage time of not more than 5 minutes; and (ii) the SAIDI value is below a threshold of 100 hours and the SAIFI value is under 100 outages.



Min. Year:2014 Max. Year: 2018  
N: 186



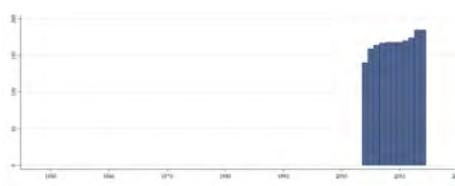
Min. Year:2014 Max. Year: 2019  
N: 186 n: 1097  $\bar{N}$ : 183  $\bar{T}$ : 6

#### 4.29.22 Registering property (DB05-15 methodology) (eob\_rp05)

Score-Registering Property (DB05-15 methodology) measures the gap between an economy's performance and the regulatory best practice on the Registering Property indicator components. It is calculated as the simple average of the scores for Procedures (number), Time (days), Cost (% of property value). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2014 Max. Year: 2014  
N: 185



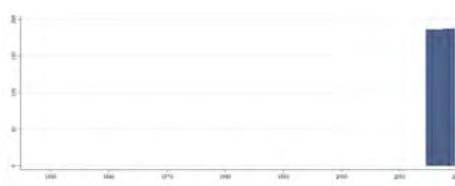
Min. Year:2004 Max. Year: 2014  
N: 186 n: 1848  $\bar{N}$ : 168  $\bar{T}$ : 10

#### 4.29.23 Registering property (DB17-20 methodology) (eob\_rp17)

Score-Registering Property (DB17-20 methodology) measures the gap between an economy's performance and the regulatory best practice on the Registering Property indicator components. It is calculated as the simple average of the scores for Procedures (number), Time (days), Cost (% of property value), and Quality land administration system (0-30) (DB17-20 methodology). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



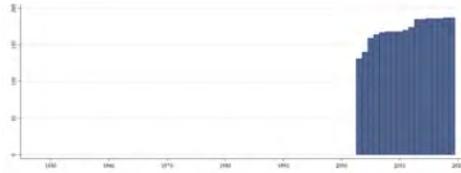
Min. Year:2015 Max. Year: 2019  
N: 187 n: 932  $\bar{N}$ : 186  $\bar{T}$ : 5

#### 4.29.24 Starting a business (eob\_sab)

Score-Starting a business measures the gap between an economy's performance and the regulatory best practice on the Starting a Business indicator components. It is calculated as the simple average of the scores for Procedures (number), Time (calendar days), Cost (% of income per capita), and Paid-in Minimum capital (% of income per capita). The scores for the following components are obtained as such: the score for Procedures (number) is calculated based on the average of scores for Procedures - Men (number) and Procedures - Women (number); the score for Time (calendar days) is calculated based on the average of scores for Time - Men (calendar days) and Time - Women (calendar days); and the score for Cost (% of income per capita) is calculated based on the average of scores for Cost - Men (% of income per capita) and Cost - Women (% of income per capita). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



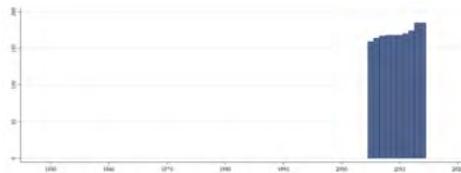
Min. Year:2003 Max. Year: 2019  
N: 188 n: 2911  $\bar{N}$ : 171  $\bar{T}$ : 15

#### 4.29.25 Trading across borders(DB06-15 methodology) (eob\_tab06)

Score-Trading across Borders (DB06-15 methodology) measures the gap between an economy's performance and the regulatory best practice on the Trading across Borders indicator. It is calculated as the simple average of the scores for Documents to export (number), Time to export (days), Cost to export (US dollar per container deflated), Documents to import (number), Time to import (days) and Cost to import (US dollar per container deflated). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2014 Max. Year: 2014  
N: 185



Min. Year:2005 Max. Year: 2014  
N: 186 n: 1708  $\bar{N}$ : 171  $\bar{T}$ : 9

#### 4.29.26 Trading across borders(DB16-20 methodology) (eob\_tab16)

Score-Trading across Borders (DB16-20 methodology) measures the gap between an economy's performance and the regulatory best practice on the Trading across Borders indicator components. It is calculated as the simple average of the scores for Time to export: Border compliance (hours), Cost to export: Border compliance (US dollar), Time to export: Documentary compliance (hours), Cost to export: Documentary compliance (US dollar), Time to import: Border compliance (hours), Cost to import: Border compliance (US dollar), Time to import: Documentary compliance (hours) and Cost to import: Documentary compliance (US dollar). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



Min. Year:2017 Max. Year: 2018  
N: 187



Min. Year:2014 Max. Year: 2019  
N: 187 n: 1117  $\bar{N}$ : 186  $\bar{T}$ : 6

### 4.30 Environmental Performance Index

<https://epi.envirocenter.yale.edu/epi-downloads>  
(Wendling et al., 2020)  
(Data downloaded: 2020-10-26)

#### Environmental Performance Index Data 2020

The Environmental Performance Index provides a ranking that shines light on how each country manages environmental issues. The Environmental Performance Index (EPI) ranks how well coun-

tries perform on high-priority environmental issues in two broad policy areas: protection of human health from environmental harm and protection of ecosystems. Within these two policy objectives the EPI scores country performance in ten issue areas comprised of 32 indicators. Indicators in the EPI measure how close countries are to meeting internationally established targets or, in the absence of agreed-upon targets, how they compare to the range of observed countries.

Note: In many cases the EPI variables lack actual observations and rely on imputation. Please refer to the original documentation on more information about this. Also, some values (usually the value 0) are very unlikely, please use your judgement whether to treat these as the value 0 or as “Data missing”.

#### 4.30.1 Agriculture (0-100) (epi\_agr)

Agriculture. It is constructed from the Sustainable Nitrogen Management Index, which measures the Euclidean distance from an ideal point with optimal nitrogen use efficiency (NUE) and crop yield.



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.2 Air Quality (0-100) (epi\_air)

Air Quality. It measures household air pollution (HAP) as the health risk posed by the incomplete combustion of solid fuels, using the number of age-standardized disability-adjusted life-years (DALYs) lost per 100,000 persons due to this risk. PM2.5 exposure: as a measure of chronic exposure, it uses the population-weighted average ambient concentration of PM2.5 in each country. PM2.5 exceedance: as a measure of acute exposure, it uses the proportion of the population in each year that is exposed to ambient PM2.5 concentrations that exceed World Health Organization (WHO) thresholds of 10, 15, 25, and 35 micrograms per meter cubed. These four proportions are averaged to produce a summary of the distribution of exposure levels in the country’s population.



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.3 Pollution Emissions (0-100) (epi\_ape)

Air Pollution. The Pollution Emissions issue category measures progress on managing the emissions of two primary air pollutants. It is composed of two indicators, adjusted emission growth rates for SO2 and NOX.



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.4 Biodiversity and Habitat (0-100) (epi\_bdh)

Biodiversity and Habitat. This indicator includes:

- 1 Terrestrial biome protection (national weights). The percentage of biomes in protected areas, weighted by national composition of biomes.
- 2 Terrestrial biome protection (global weights). The percentage of biomes in protected areas, weighted by global composition of biomes.
- 3 Marine protected areas. The percentage of marine protected areas (MPAs) within a country's exclusive economic zone (EEZ).
- 4 Species Protection Index. The average area of species' distributions in a country with protected areas.
- 5 Protected Area Representativeness Index. The extent to which terrestrial protected areas are ecologically representative.
- 6 Species Habitat Index. The proportion of habitat within a country remaining, relative to a baseline set in the year 2001.
- 7 Biodiversity Habitat Index. The effects of habitat loss, degradation, and fragmentation on the expected retention of terrestrial biodiversity.



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.5 Climate Change (0-100) (epi\_cch)

The Climate Change issue category measures progress to combat global climate change, which exacerbates all other environmental threats and imperils human health and safety. It is composed of eight indicators: adjusted emission growth rates for four greenhouse gases (CO<sub>2</sub>, CH<sub>4</sub>, F-gases, and N<sub>2</sub>O) and one climate pollutant (black carbon); growth rate in CO<sub>2</sub> emissions from land cover; greenhouse gas intensity growth rate; and greenhouse gas emissions per capita.



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.6 Ecosystem Services (0-100) (epi\_ecs)

The new Ecosystem Services issue category recognizes the important services ecosystems provide to human and environmental well-being, including carbon sequestration and storage, biodiversity habitat, nutrient cycling, and coastal protection. It consists of three indicators to evaluate the state of these ecosystems: tree cover loss (%90), along with two new pilot indicators for 2020 - grassland loss (%5) and wetland loss (%5).



Min. Year: 2020 Max. Year: 2020  
N: 168

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.7 Environmental Health (0-100) (epi\_eh)

The Environmental Health policy objective measures how well countries are protecting their populations from environmental health risks. It comprises 40% of the total EPI score and is made up of four issue categories: Air Quality (50%), Sanitation & Drinking Water (40%), Heavy Metals (5%), and Waste Management (5%).



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.8 Environmental Performance Index (0-100) (epi\_epi)

The 2020 Environmental Performance Index (EPI) scores 180 countries on 32 performance indicators across ten issue categories covering environmental health and ecosystem vitality. The 2020 EPI represents a composite index. The EPI researchers begin by gathering data on 32 individual metrics of environmental performance. These metrics are aggregated into a hierarchy beginning with eleven issue categories: Air Quality, Sanitation & Drinking Water, Heavy Metals, Waste Management, Biodiversity and Habitat, Ecosystem Services, Fisheries, Climate Change, Pollution Emissions, Water Resources, and Agriculture.

These issue categories are then combined into two policy objectives, Environmental Health and Ecosystem Vitality, and then finally consolidated into the overall EPI. To allow for meaningful comparisons, the EPI researchers construct scores for each of the 32 indicators, placing them onto a common scale where 0 indicates worst performance and 100 indicates best performance. How far a country is from achieving international targets of sustainability determines its placement on this scale.



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.9 Ecosystem Vitality (0-100) (epi\_ev)

The Ecosystem Vitality policy objective measures how well countries are preserving, protecting, and enhancing ecosystems and the services they provide. It comprises 60% of the total EPI score and is made up of seven issue categories: Biodiversity & Habitat (25%), Ecosystem Services (10%), Fisheries (10%), Climate Change (40%), Pollution Emissions (5%), Agriculture (5%), and Water Resources (5%).



Variable not included  
in Time-Series Data

Min. Year: 2020 Max. Year: 2020  
N: 180

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.10 Fisheries (0-100) (epi\_fsh)

The Fisheries issue category measures the health and sustainability of the world's fisheries. It is made up of three indicators: fish stock status, marine trophic index, and fish caught by trawling.



Variable not included  
in Time-Series Data

Min. Year: 2020 Max. Year: 2020  
N: 136

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.11 Sanitation and Drinking Water (0-100) (epi\_h2o)

Sanitation & Drinking Water. This indicator includes:

1 Unsafe sanitation. EPI researchers measure sanitation as the proportion of a country's population exposed to health risks from their access to sanitation, defined by the primary toilet type used by households.

2 Unsafe drinking water. EPI researchers measure drinking water as the proportion of a country's population exposed to health risks from their access to drinking water, defined by the primary water source used by households and the household water treatment, or the treatment that happens at the point of water collection.

Both sanitation and drinking water are measured using the number of age-standardized disability-adjusted life-years (DALYs) lost per 100,000 persons. Minimizing the health risks posed from unsafe sanitation and drinking water is a vital step in evaluating a country's ability to maintain clean water systems and minimize contact with dangerous bacteria and viruses.



Variable not included  
in Time-Series Data

Min. Year: 2020 Max. Year: 2020  
N: 180

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.12 Heavy Metals (0-100) (epi\_hmt)

Heavy Metals. It includes the indicator Lead Exposure. EPI researchers measure lead exposure using the number of age-standardized disability-adjusted life-years (DALYs) lost per 100,000 persons due to this risk.



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.13 Waste Management (0-100) (epi\_wmg)

The Waste Management issue category recognizes the threats of solid waste to human health. It is based on one indicator, controlled solid waste.



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.30.14 Water Resources (0-100) (epi\_wrs)

The Water Resources issue category measures the extent to which humans are mitigating our threats to aquatic ecosystems. It is based on one indicator: wastewater treatment.



Min. Year: 2020 Max. Year: 2020  
N: 180

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.31 European Social Survey

<http://www.europeansocialsurvey.org/data/round-index.html>

(NSD - Norwegian Centre for Research Data, 2018)

(Data downloaded: 2020-09-21)

#### European Social Survey - Wave 1-9

The European Social Survey (ESS) is an academically-driven multi-country survey, which has been administered in over 30 countries to date. Its three aims are, firstly - to monitor and interpret changing public attitudes and values within Europe and to investigate how they interact with Europe's changing institutions, secondly - to advance and consolidate improved methods of cross-national survey measurement in Europe and beyond, and thirdly - to develop a series of European social indicators, including attitudinal indicators.

##### 4.31.1 Subjective Happiness (ess\_happy)

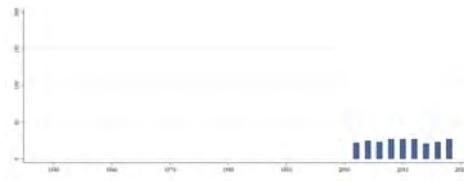
Taking all things together, how happy would you say you are?

0. Extremely Unhappy

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
10. Extremely Happy



Min. Year:2014 Max. Year: 2018  
N: 31



Min. Year:2002 Max. Year: 2018  
N: 35 n: 222  $\bar{N}$ : 13  $\bar{T}$ : 6

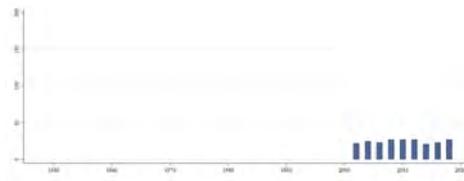
#### 4.31.2 Subjective Health (ess\_health)

How is your health in general? Would you say it is:

1. Very Good
2. Good
3. Fair
4. Bad
5. Very Bad



Min. Year:2014 Max. Year: 2018  
N: 31



Min. Year:2002 Max. Year: 2018  
N: 35 n: 222  $\bar{N}$ : 13  $\bar{T}$ : 6

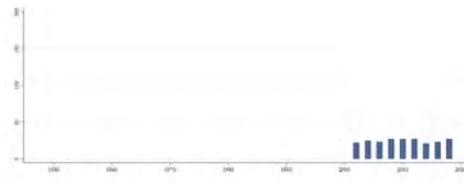
#### 4.31.3 Religiosity (ess\_relig)

Regardless of whether you belong to a particular religion, how religious would you say you are?

0. Not at all Religious
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
10. Very Religious



Min. Year:2014 Max. Year: 2018  
N: 31



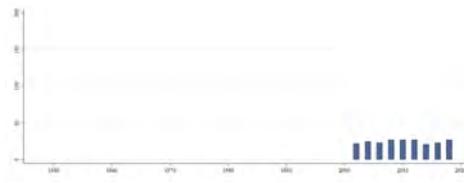
Min. Year:2002 Max. Year: 2018  
N: 35 n: 222  $\bar{N}$ : 13  $\bar{T}$ : 6

#### 4.31.4 Trust in Legal System (ess\_trlegal)

Please tell me on a score of 0-10 how much you personally trust each of the institutions I read out. 0 means you do not trust an institution at all, and 10 means you have complete trust. The Legal System.



Min. Year:2014 Max. Year: 2018  
N: 31



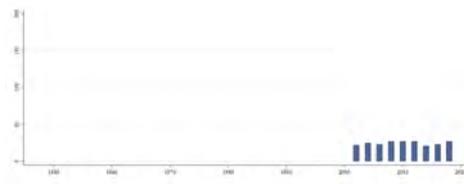
Min. Year:2002 Max. Year: 2018  
N: 35 n: 222  $\bar{N}$ : 13  $\bar{T}$ : 6

#### 4.31.5 Trust in Parliament (ess\_trparl)

Please tell me on a score of 0-10 how much you personally trust each of the institutions I read out. 0 means you do not trust an institution at all, and 10 means you have complete trust. The Parliament.



Min. Year:2014 Max. Year: 2018  
N: 31



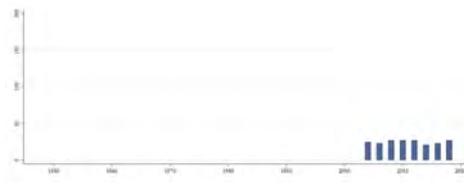
Min. Year:2002 Max. Year: 2018  
N: 35 n: 222  $\bar{N}$ : 13  $\bar{T}$ : 6

#### 4.31.6 Trust in Political Parties (ess\_trpart)

Please tell me on a score of 0-10 how much you personally trust each of the institutions I read out. 0 means you do not trust an institution at all, and 10 means you have complete trust. The Political Parties.



Min. Year:2014 Max. Year: 2018  
N: 31



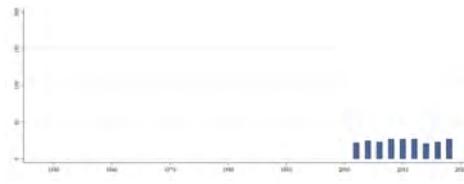
Min. Year:2004 Max. Year: 2018  
N: 35 n: 200  $\bar{N}$ : 13  $\bar{T}$ : 6

#### 4.31.7 Trust in Other People (ess\_trpeople)

Generally speaking, would you say that most people can be trusted, or that you can't be too careful in dealing with people? Please tell me on a score of 0 to 10, where 0 means you can't be too careful and 10 means that most people can be trusted.



Min. Year:2014 Max. Year: 2018  
N: 31



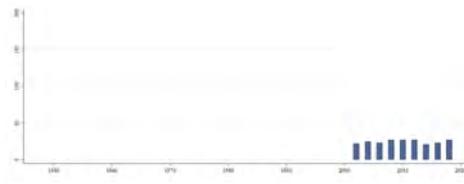
Min. Year:2002 Max. Year: 2018  
N: 35 n: 222  $\bar{N}$ : 13  $\bar{T}$ : 6

#### 4.31.8 Trust in Police (ess\_trpolice)

Please tell me on a score of 0-10 how much you personally trust each of the institutions I read out. 0 means you do not trust an institution at all, and 10 means you have complete trust. The Police.



Min. Year:2014 Max. Year: 2018  
N: 31



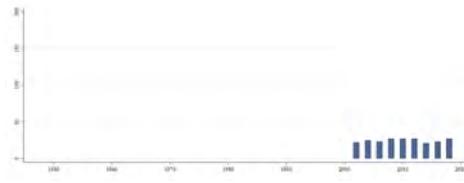
Min. Year:2002 Max. Year: 2018  
N: 35 n: 222  $\bar{N}$ : 13  $\bar{T}$ : 6

#### 4.31.9 Trust in Politicians (ess\_trpolit)

Please tell me on a score of 0-10 how much you personally trust each of the institutions I read out. 0 means you do not trust an institution at all, and 10 means you have complete trust. The Politicians.



Min. Year:2014 Max. Year: 2018  
N: 31



Min. Year:2002 Max. Year: 2018  
N: 35 n: 222  $\bar{N}$ : 13  $\bar{T}$ : 6

### 4.32 Eurostat

<http://ec.europa.eu/eurostat/data/database>  
(European Commission, 2021)  
(Data downloaded: 2021-01-27)

#### Eurostat Datasets

Eurostat is the statistical office of the European Union situated in Luxembourg. Its mission is to provide high quality statistics for Europe. Its key task is to provide the European Union with statistics at European level that enable comparisons between countries and regions. Eurostat offers a whole range of important and interesting data that governments, businesses, the education sector, journalists and the public can use for their work and daily life.

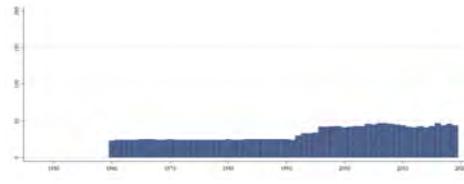
Note: Observations which are flagged as "break in time series", "low reliability" and "not applicable by Eurostat" are replaced by missing values.

#### 4.32.1 Net migration plus statistical adjusted (eu\_demcnmigratn)

Net migration plus statistical adjusted



Min. Year:2017 Max. Year: 2018  
N: 47



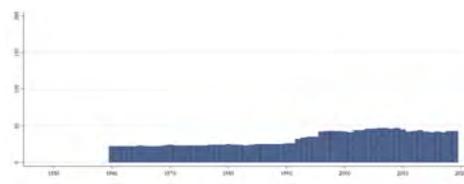
Min. Year:1960 Max. Year: 2019  
N: 50 n: 1960  $\bar{N}$ : 33  $\bar{T}$ : 39

#### 4.32.2 Population at 1st January, female (eu\_demd2janf)

Population at 1st January, female



Min. Year:2014 Max. Year: 2019  
N: 46



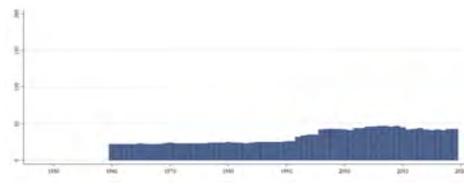
Min. Year:1960 Max. Year: 2019  
N: 50 n: 1936  $\bar{N}$ : 32  $\bar{T}$ : 39

#### 4.32.3 Population at 1st January, male (eu\_demd2janm)

Population at 1st January, male



Min. Year:2014 Max. Year: 2019  
N: 46



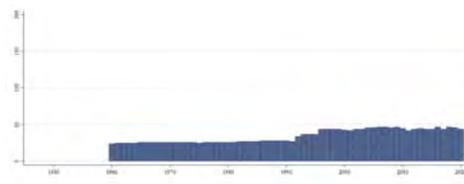
Min. Year:1960 Max. Year: 2019  
N: 50 n: 1936  $\bar{N}$ : 32  $\bar{T}$ : 39

#### 4.32.4 Population at 1st January, total (eu\_demd2jant)

Population at 1st January, total



Min. Year:2014 Max. Year: 2018  
N: 48



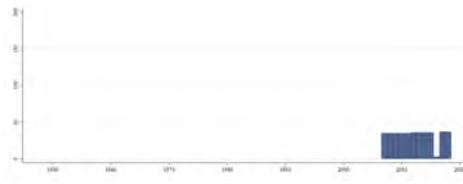
Min. Year:1960 Max. Year: 2020  
N: 50 n: 2105  $\bar{N}$ : 35  $\bar{T}$ : 42

#### 4.32.5 Population density, average population per square km (eu\_demd3dens)

Population density, average population per square km



Min. Year:2017 Max. Year: 2017  
N: 37



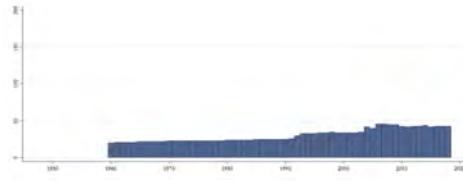
Min. Year:2007 Max. Year: 2018  
N: 37 n: 396  $\bar{N}$ : 33  $\bar{T}$ : 11

#### 4.32.6 Deaths - females (eu\_demdeathdf)

Deaths - females



Min. Year:2014 Max. Year: 2018  
N: 46



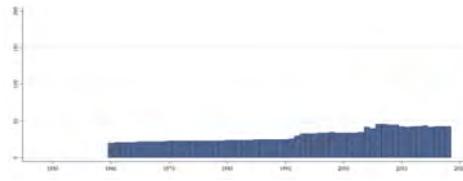
Min. Year:1960 Max. Year: 2018  
N: 49 n: 1793  $\bar{N}$ : 30  $\bar{T}$ : 37

#### 4.32.7 Deaths - males (eu\_demdeathdm)

Deaths - males



Min. Year:2014 Max. Year: 2018  
N: 46



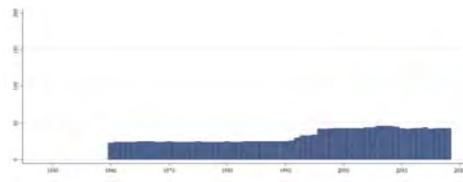
Min. Year:1960 Max. Year: 2018  
N: 49 n: 1793  $\bar{N}$ : 30  $\bar{T}$ : 37

#### 4.32.8 Deaths - total (eu\_demdeathdt)

Deaths - total



Min. Year:2014 Max. Year: 2018  
N: 46



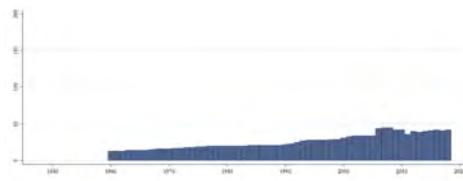
Min. Year:1960 Max. Year: 2018  
N: 49 n: 1912  $\bar{N}$ : 32  $\bar{T}$ : 39

#### 4.32.9 Fertility rate, total (eu\_demfrate2)

Fertility rate, total



Min. Year:2017 Max. Year: 2018  
N: 42



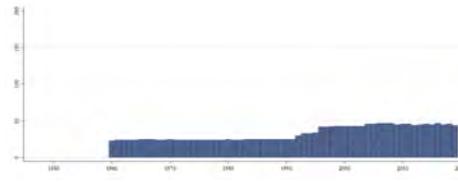
Min. Year:1960 Max. Year: 2018  
N: 46 n: 1538  $\bar{N}$ : 26  $\bar{T}$ : 33

#### 4.32.10 Natural change of population (eu\_demgrowwnat)

Natural change of population



Min. Year:2014 Max. Year: 2018  
N: 48



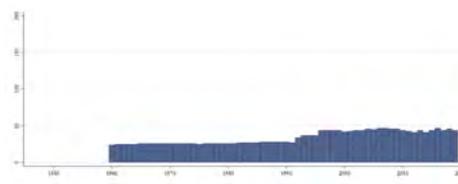
Min. Year:1960 Max. Year: 2019  
N: 50 n: 1985  $\bar{N}$ : 33  $\bar{T}$ : 40

#### 4.32.11 Total population change (eu\_demgrowt)

Total population change



Min. Year:2017 Max. Year: 2018  
N: 47



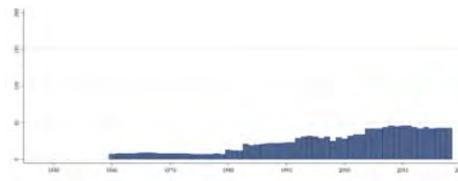
Min. Year:1960 Max. Year: 2019  
N: 50 n: 2049  $\bar{N}$ : 34  $\bar{T}$ : 41

#### 4.32.12 Live births - females (eu\_demlbirthlf)

Live births - females



Min. Year:2014 Max. Year: 2018  
N: 46



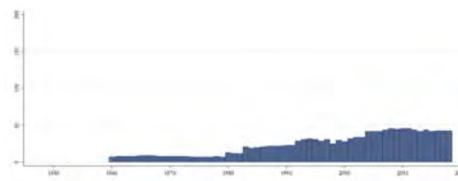
Min. Year:1960 Max. Year: 2018  
N: 50 n: 1407  $\bar{N}$ : 24  $\bar{T}$ : 28

#### 4.32.13 Live births - males (eu\_demlbirthlm)

Live births - males



Min. Year:2014 Max. Year: 2018  
N: 46



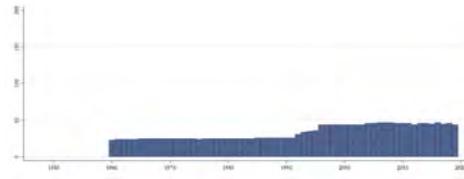
Min. Year:1960 Max. Year: 2018  
N: 50 n: 1407  $\bar{N}$ : 24  $\bar{T}$ : 28

#### 4.32.14 Live births - total (eu\_demlbirthlt)

Live births - total



Min. Year:2014 Max. Year: 2018  
N: 48



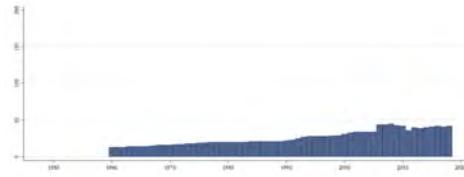
Min. Year:1960 Max. Year: 2019  
N: 50 n: 2022  $\bar{N}$ : 34  $\bar{T}$ : 40

#### 4.32.15 Mean age of woman at childbirth (eu\_demwawc)

Mean age of woman at childbirth



Min. Year:2017 Max. Year: 2018  
N: 42



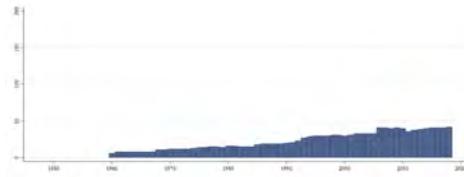
Min. Year:1960 Max. Year: 2018  
N: 46 n: 1538  $\bar{N}$ : 26  $\bar{T}$ : 33

#### 4.32.16 Life expectancy in age < 1year, female (eu\_demmlifexpf)

Life expectancy in age < 1year, female



Min. Year:2017 Max. Year: 2018  
N: 42



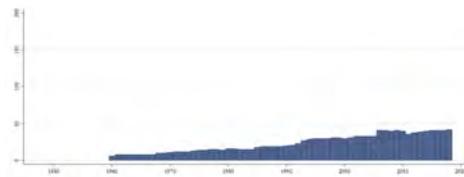
Min. Year:1960 Max. Year: 2018  
N: 46 n: 1374  $\bar{N}$ : 23  $\bar{T}$ : 30

#### 4.32.17 Life expectancy in age < 1year, male (eu\_demmlifexpm)

Life expectancy in age < 1year, male



Min. Year:2017 Max. Year: 2018  
N: 42



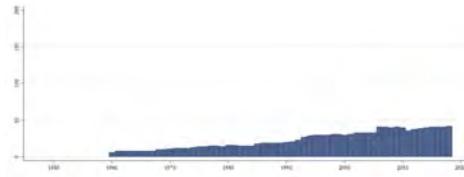
Min. Year:1960 Max. Year: 2018  
N: 46 n: 1371  $\bar{N}$ : 23  $\bar{T}$ : 30

#### 4.32.18 Life expectancy in age < 1year, total (eu\_demmlifexpt)

Life expectancy in age < 1year, total



Min. Year:2017 Max. Year: 2018  
N: 42



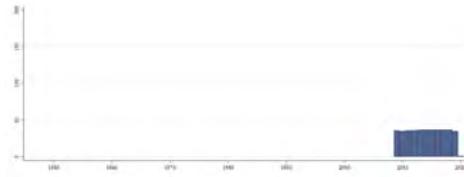
Min. Year:1960 Max. Year: 2018  
N: 46 n: 1371  $\bar{N}$ : 23  $\bar{T}$ : 30

#### 4.32.19 GDP at current market prices, Euro per inhabitant (eu\_eco2gdpeurhab)

GDP at current market prices, Euro per inhabitant



Min. Year:2017 Max. Year: 2017  
N: 37



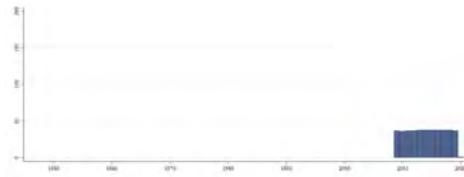
Min. Year:2009 Max. Year: 2020  
N: 37 n: 401  $\bar{N}$ : 33  $\bar{T}$ : 11

#### 4.32.20 GDP at current market prices, Million euro (eu\_eco2gdpmioeur)

GDP at current market prices, Million euro



Min. Year:2017 Max. Year: 2017  
N: 38



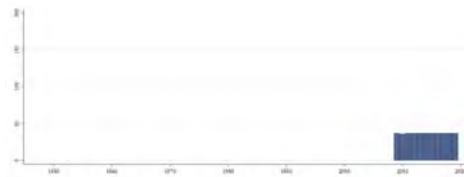
Min. Year:2009 Max. Year: 2020  
N: 38 n: 413  $\bar{N}$ : 34  $\bar{T}$ : 11

#### 4.32.21 GDP at current market prices, Million PPS (eu\_eco2gdpmiopps)

GDP at current market prices, Million PPS



Min. Year:2017 Max. Year: 2017  
N: 37



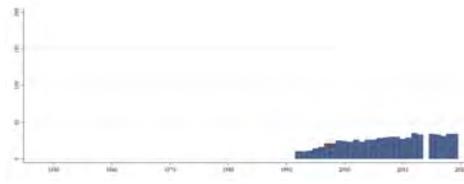
Min. Year:2009 Max. Year: 2019  
N: 37 n: 406  $\bar{N}$ : 37  $\bar{T}$ : 11

#### 4.32.22 Educational Attainment, 26-64 y, Level 0-2 (Female). % of population. (eu\_edued256402f)

Educational Attainment, 26-64 years, Level 0-2 (Female). Percentage of the population.



Min. Year:2017 Max. Year: 2018  
N: 35



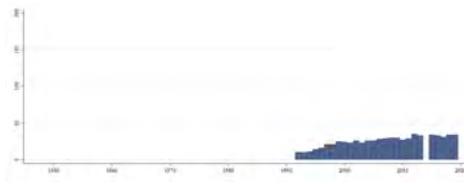
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.23 Educational Attainment, 26-64 y, Level 0-2 (Male). % of population. (eu\_educated256402m)**

Educational Attainment, 26-64 years, Level 0-2 (Male). Percentage of the population.



Min. Year:2017 Max. Year: 2018  
N: 35



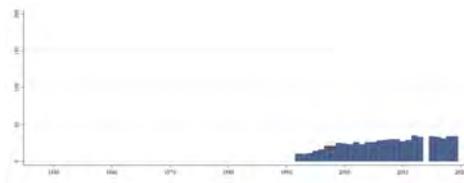
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.24 Educational Attainment, 26-64 y, Level 0-2 (Total). % of population. (eu\_educated256402t)**

Educational Attainment, 26-64 years, Level 0-2 (Total). Percentage of the population.



Min. Year:2017 Max. Year: 2018  
N: 35



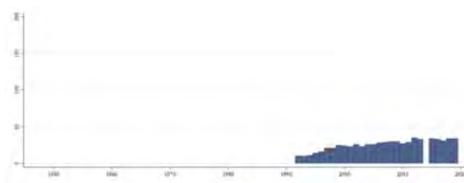
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.25 Educational Attainment, 26-64 years, Level 3-4 (Female) (eu\_educated256434f)**

Educational Attainment, 26-64 years, Level 3-4 (Female)



Min. Year:2017 Max. Year: 2018  
N: 35



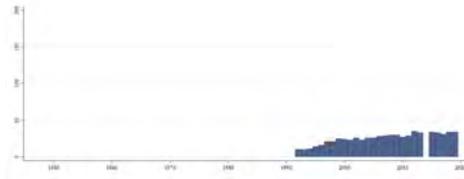
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.26 Educational Attainment, 26-64 years, Level 3-4 (Male) (eu\_educated256434m)**

Educational Attainment, 26-64 years, Level 3-4 (Male)



Min. Year:2017 Max. Year: 2018  
N: 35



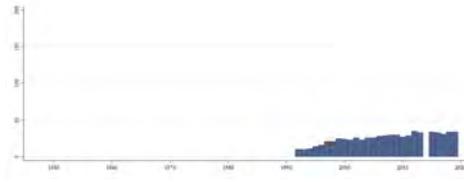
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.27 Educational Attainment, 26-64 years, Level 3-4 (Total) (eu\_edued256434t)**

Educational Attainment, 26-64 years, Level 3-4 (Total)



Min. Year:2017 Max. Year: 2018  
N: 35



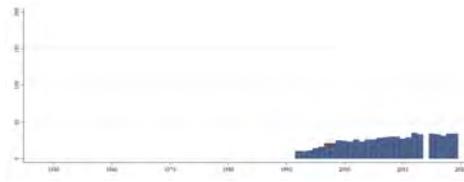
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.28 Educational Attainment, 26-64 years, Level 3-8 (Female) (eu\_edued256438f)**

Educational Attainment, 26-64 years, Level 3-8 (Female)



Min. Year:2017 Max. Year: 2018  
N: 35



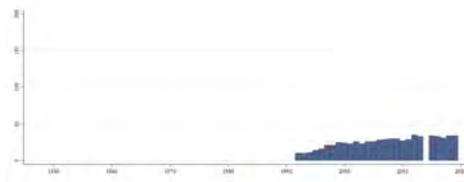
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.29 Educational Attainment, 26-64 years, Level 3-8 (Male) (eu\_edued256438m)**

Educational Attainment, 26-64 years, Level 3-8 (Male)



Min. Year:2017 Max. Year: 2018  
N: 35



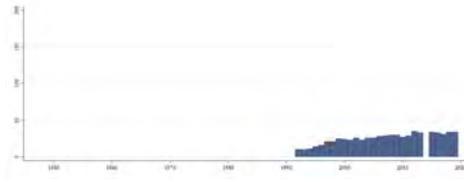
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.30 Educational Attainment, 26-64 years, Level 3-8 (Total) (eu\_edued256438t)**

Educational Attainment, 26-64 years, Level 3-8 (Total)



Min. Year:2017 Max. Year: 2018  
N: 35



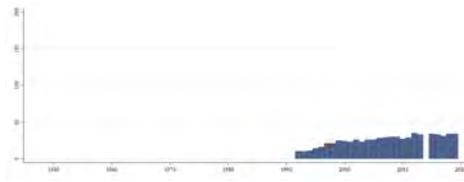
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

#### 4.32.31 Educational Attainment, 26-64 years, Level 5-8 (Female) (eu\_edued256458f)

Educational Attainment, 26-64 years, Level 5-8 (Female)



Min. Year:2017 Max. Year: 2018  
N: 35



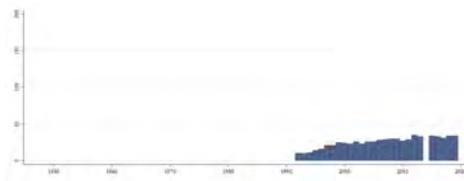
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

#### 4.32.32 Educational Attainment, 26-64 years, Level 5-8 (Male) (eu\_edued256458m)

Educational Attainment, 26-64 years, Level 5-8 (Male)



Min. Year:2017 Max. Year: 2018  
N: 35



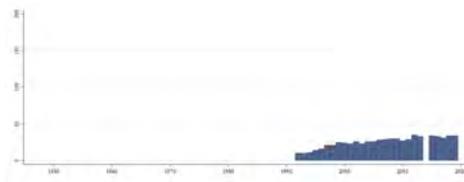
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

#### 4.32.33 Educational Attainment, 26-64 years, Level 5-8 (Total) (eu\_edued256458t)

Educational Attainment, 26-64 years, Level 5-8 (Total)



Min. Year:2017 Max. Year: 2018  
N: 35



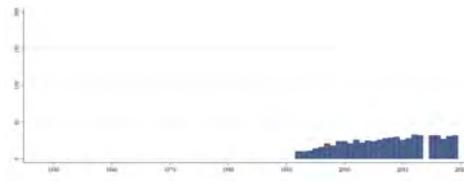
Min. Year:1992 Max. Year: 2019  
N: 35 n: 683  $\bar{N}$ : 24  $\bar{T}$ : 20

#### 4.32.34 Educational Attainment, 30-34 years old, Level 0-2 (Female) (eu\_edued303402f)

Educational Attainment, 30-34 years old, Level 0-2 (Female)



Min. Year:2016 Max. Year: 2018  
N: 34



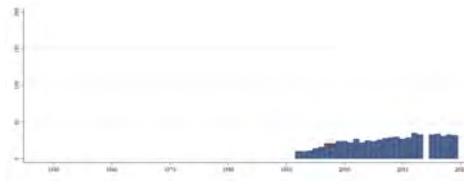
Min. Year:1992 Max. Year: 2019  
N: 35 n: 652  $\bar{N}$ : 23  $\bar{T}$ : 19

**4.32.35 Educational Attainment, 30-34 years old, Level 0-2 (Male) (eu\_edued303402m)**

Educational Attainment, 30-34 years old, Level 0-2 (Male)



Min. Year:2017 Max. Year: 2018  
N: 35



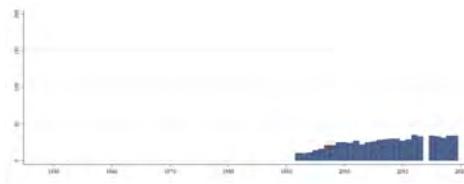
Min. Year:1992 Max. Year: 2019  
N: 35 n: 671  $\bar{N}$ : 24  $\bar{T}$ : 19

**4.32.36 Educational Attainment, 30-34 years old, Level 0-2 (Total) (eu\_edued303402t)**

Educational Attainment, 30-34 years old, Level 0-2 (Total)



Min. Year:2017 Max. Year: 2018  
N: 35



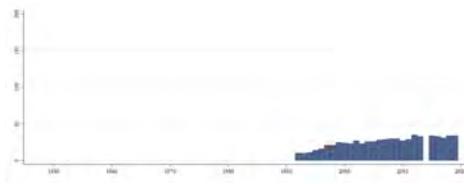
Min. Year:1992 Max. Year: 2019  
N: 35 n: 684  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.37 Educational Attainment, 30-34 years old, Level 3-4 (Female) (eu\_edued303434f)**

Educational Attainment, 30-34 years old, Level 3-4 (Female)



Min. Year:2017 Max. Year: 2018  
N: 35



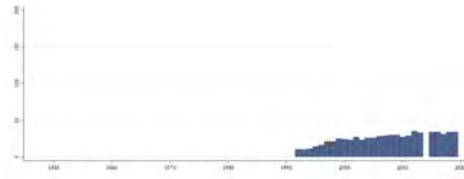
Min. Year:1992 Max. Year: 2019  
N: 35 n: 684  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.38 Educational Attainment, 30-34 years old, Level 3-4 (Male) (eu\_edued303434m)**

Educational Attainment, 30-34 years old, Level 3-4 (Male)



Min. Year:2017 Max. Year: 2018  
N: 35



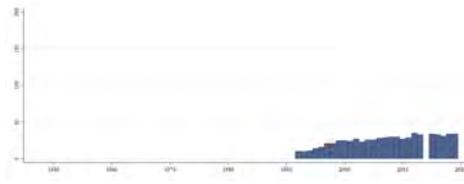
Min. Year:1992 Max. Year: 2019  
N: 35 n: 685  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.39 Educational Attainment, 30-34 years old, Level 3-4 (Total) (eu\_edued303434t)**

Educational Attainment, 30-34 years old, Level 3-4 (Total)



Min. Year:2017 Max. Year: 2018  
N: 35



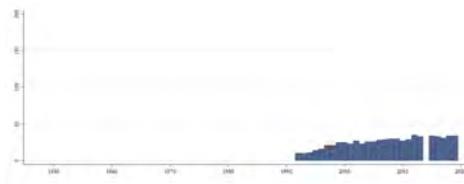
Min. Year:1992 Max. Year: 2019  
N: 35 n: 686  $\bar{N}$ : 25  $\bar{T}$ : 20

**4.32.40 Educational Attainment, 30-34 years old, Level 3-8 (Female) (eu\_edued303438f)**

Educational Attainment, 30-34 years old, Level 3-8 (Female)



Min. Year:2017 Max. Year: 2018  
N: 35



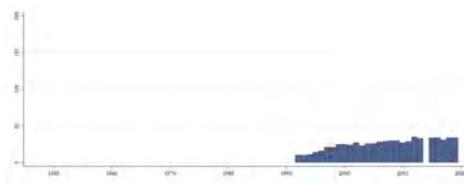
Min. Year:1992 Max. Year: 2019  
N: 35 n: 685  $\bar{N}$ : 24  $\bar{T}$ : 20

**4.32.41 Educational Attainment, 30-34 years old, Level 3-8 (Male) (eu\_edued303438m)**

Educational Attainment, 30-34 years old, Level 3-8 (Male)



Min. Year:2017 Max. Year: 2018  
N: 35



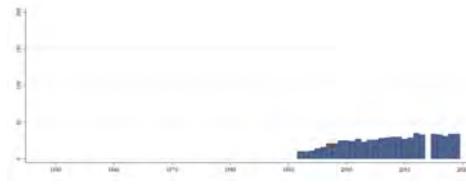
Min. Year:1992 Max. Year: 2019  
N: 35 n: 687  $\bar{N}$ : 25  $\bar{T}$ : 20

**4.32.42 Educational Attainment, 30-34 years old, Level 3-8 (Total) (eu\_edued303438t)**

Educational Attainment, 30-34 years old, Level 3-8 (Total)



Min. Year:2017 Max. Year: 2018  
N: 35



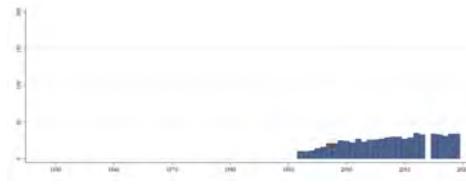
Min. Year:1992 Max. Year: 2019  
N: 35 n: 686  $\bar{N}$ : 25  $\bar{T}$ : 20

#### 4.32.43 Educational Attainment, 30-34 years old, Level 5-8 (Female) (eu\_edued303458f)

Educational Attainment, 30-34 years old, Level 5-8 (Female)



Min. Year:2017 Max. Year: 2018  
N: 35



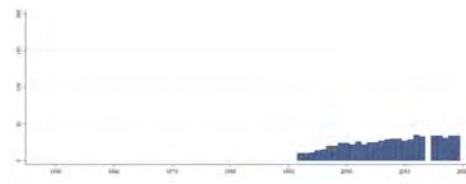
Min. Year:1992 Max. Year: 2019  
N: 35 n: 682  $\bar{N}$ : 24  $\bar{T}$ : 19

#### 4.32.44 Educational Attainment, 30-34 years old, Level 5-8 (Male) (eu\_edued303458m)

Educational Attainment, 30-34 years old, Level 5-8 (Male)



Min. Year:2017 Max. Year: 2018  
N: 35



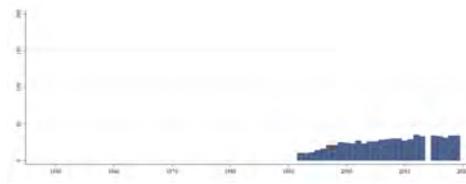
Min. Year:1992 Max. Year: 2019  
N: 35 n: 675  $\bar{N}$ : 24  $\bar{T}$ : 19

#### 4.32.45 Educational Attainment, 30-34 years old, Level 5-8 (Total) (eu\_edued303458t)

Educational Attainment, 30-34 years old, Level 5-8 (Total)



Min. Year:2017 Max. Year: 2018  
N: 35



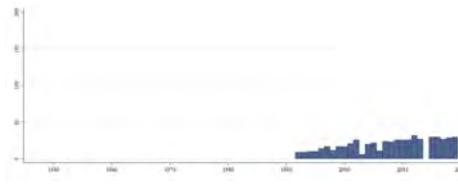
Min. Year:1992 Max. Year: 2019  
N: 35 n: 684  $\bar{N}$ : 24  $\bar{T}$ : 20

#### 4.32.46 Early leavers from education and training, 18-24 years old (Female) (eu\_edueleavf)

Early leavers from education and training, 18-24 years old (Female)



Min. Year:2016 Max. Year: 2018  
N: 33



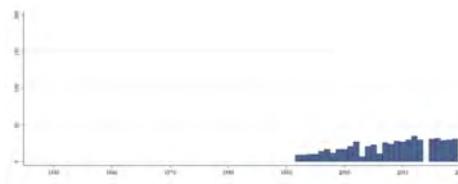
Min. Year:1992 Max. Year: 2019  
N: 34 n: 551  $\bar{N}$ : 20  $\bar{T}$ : 16

#### 4.32.47 Early leavers from education and training, 18-24 years old (Male) (eu\_educleavm)

Early leavers from education and training, 18-24 years old (Male)



Min. Year:2017 Max. Year: 2018  
N: 33



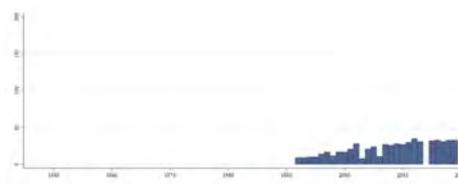
Min. Year:1992 Max. Year: 2019  
N: 35 n: 578  $\bar{N}$ : 21  $\bar{T}$ : 17

#### 4.32.48 Early leavers from education and training, 18-24 years old (Total) (eu\_educleavt)

Early leavers from education and training, 18-24 years old (Total)



Min. Year:2017 Max. Year: 2018  
N: 35



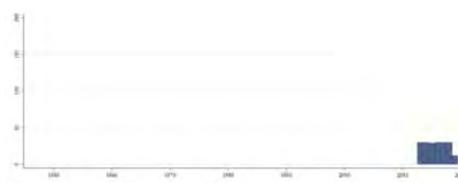
Min. Year:1992 Max. Year: 2019  
N: 35 n: 594  $\bar{N}$ : 21  $\bar{T}$ : 17

#### 4.32.49 Ratio of students to teachers and academic staff in ISCED levels 1 to 3 (eu\_edupttr13)

Ratio of pupils and students to teachers and academic staff in ISCED levels 1 to 3



Min. Year:2014 Max. Year: 2018  
N: 33



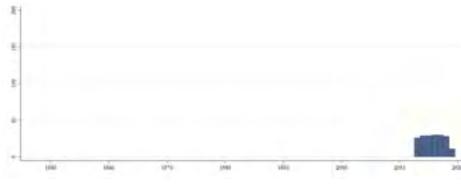
Min. Year:2013 Max. Year: 2019  
N: 34 n: 191  $\bar{N}$ : 27  $\bar{T}$ : 6

#### 4.32.50 Ratio of students to teachers and academic staff in ISCED levels 5 to 8 (eu\_edupttr58)

Ratio of pupils and students to teachers and academic staff in ISCED levels 5 to 8



Min. Year:2015 Max. Year: 2018  
N: 32



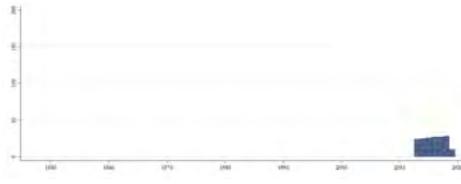
Min. Year:2013 Max. Year: 2019  
N: 32 n: 183  $\bar{N}$ : 26  $\bar{T}$ : 6

**4.32.51 Ratio of students to teachers and staff in early childhood ed. (eu\_edupttrearly)**

Ratio of pupils and students to teachers and academic staff in early childhood education



Min. Year:2014 Max. Year: 2018  
N: 32



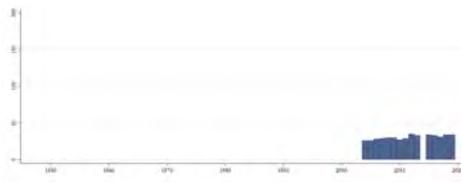
Min. Year:2013 Max. Year: 2019  
N: 32 n: 167  $\bar{N}$ : 24  $\bar{T}$ : 5

**4.32.52 Population 15-64 with ISCED level 0-2 as % of total pop (female) (eu\_edursterISCED02f)**

Population 15 to 64 years with ISCED levels 0-2 as a percentage of total population (female)



Min. Year:2017 Max. Year: 2018  
N: 35



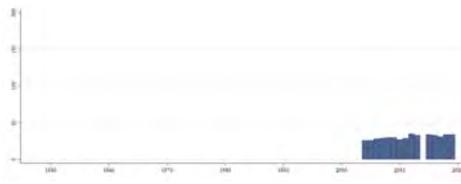
Min. Year:2004 Max. Year: 2019  
N: 35 n: 459  $\bar{N}$ : 29  $\bar{T}$ : 13

**4.32.53 Population 15-64 with ISCED level 0-2 as % of total pop (male) (eu\_edursterISCED02m)**

Population 15 to 64 years with ISCED levels 0-2 as a percentage of total population (male)



Min. Year:2017 Max. Year: 2018  
N: 35



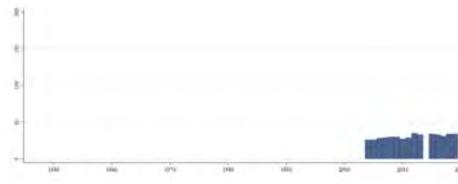
Min. Year:2004 Max. Year: 2019  
N: 35 n: 459  $\bar{N}$ : 29  $\bar{T}$ : 13

**4.32.54 Population 15-64 with ISCED level 0-2 as % of total pop (total) (eu\_edursterISCED02t)**

Population 15 to 64 years with ISCED levels 0-2 as a percentage of total population (total)



Min. Year:2017 Max. Year: 2018  
N: 35



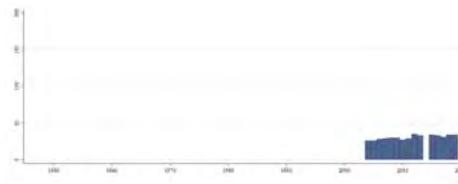
Min. Year:2004 Max. Year: 2019  
N: 35 n: 459  $\bar{N}$ : 29  $\bar{T}$ : 13

#### 4.32.55 Population 15-64 with ISCED level 3-4 as % of total pop (female) (eu\_edursterISCED34f)

Population 15 to 64 years with ISCED levels 3-4 as a percentage of total population (female)



Min. Year:2017 Max. Year: 2018  
N: 35



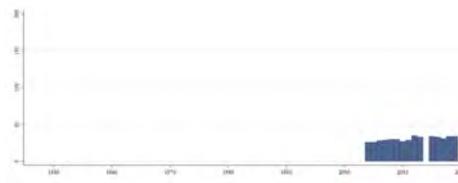
Min. Year:2004 Max. Year: 2019  
N: 35 n: 459  $\bar{N}$ : 29  $\bar{T}$ : 13

#### 4.32.56 Population 15-64 with ISCED level 3-4 as % of total pop (male) (eu\_edursterISCED34m)

Population 15 to 64 years with ISCED levels 3-4 as a percentage of total population (male)



Min. Year:2017 Max. Year: 2018  
N: 35



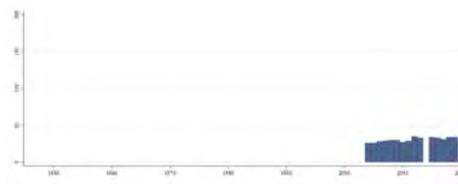
Min. Year:2004 Max. Year: 2019  
N: 35 n: 459  $\bar{N}$ : 29  $\bar{T}$ : 13

#### 4.32.57 Population 15-64 with ISCED level 3-4 as % of total pop (total) (eu\_edursterISCED34t)

Population 15 to 64 years with ISCED levels 3-4 as a percentage of total population (total)



Min. Year:2017 Max. Year: 2018  
N: 35



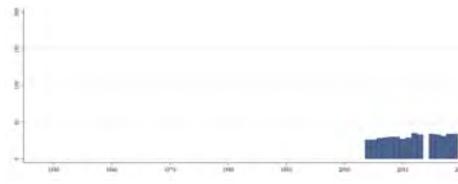
Min. Year:2004 Max. Year: 2019  
N: 35 n: 459  $\bar{N}$ : 29  $\bar{T}$ : 13

#### 4.32.58 Population 15-64 with ISCED level 5-8 as % of total pop (female) (eu\_edursterISCED58f)

Population 15 to 64 years with ISCED levels 5-8 as a percentage of total population (female)



Min. Year:2017 Max. Year: 2018  
N: 35



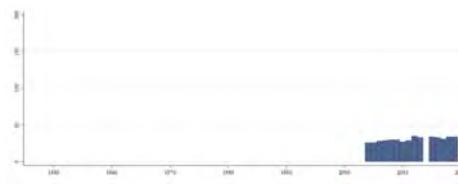
Min. Year:2004 Max. Year: 2019  
N: 35 n: 459  $\bar{N}$ : 29  $\bar{T}$ : 13

**4.32.59 Population 15-64 with ISCED level 5-8 as % of total pop (male) (eu\_edurst-terISCED58m)**

Population 15 to 64 years with ISCED levels 5-8 as a percentage of total population (male)



Min. Year:2017 Max. Year: 2018  
N: 35



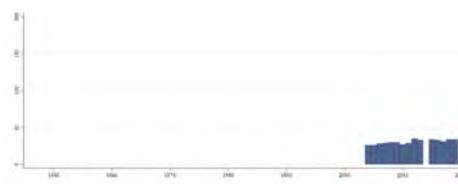
Min. Year:2004 Max. Year: 2019  
N: 35 n: 459  $\bar{N}$ : 29  $\bar{T}$ : 13

**4.32.60 Population 15-64 with ISCED level 5-8 as % of total pop (total) (eu\_edurst-terISCED58t)**

Population 15 to 64 years with ISCED levels 5-8 as a percentage of total population (total)



Min. Year:2017 Max. Year: 2018  
N: 35



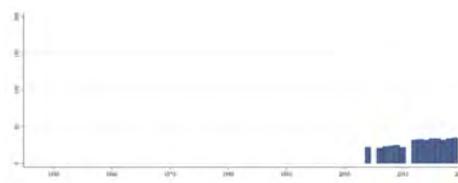
Min. Year:2004 Max. Year: 2019  
N: 35 n: 459  $\bar{N}$ : 29  $\bar{T}$ : 13

**4.32.61 Employed ICT specialists (% of total employment) (eu\_empict)**

Employed ICT specialists (% of total employment)



Min. Year:2017 Max. Year: 2018  
N: 35



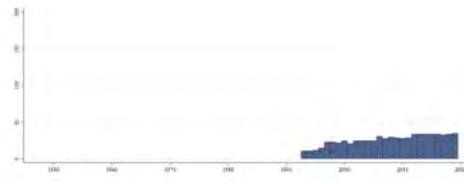
Min. Year:2004 Max. Year: 2019  
N: 35 n: 403  $\bar{N}$ : 25  $\bar{T}$ : 12

**4.32.62 Employment rates: 15-24 Years, Female (percentage of active population) (eu\_emy1524f)**

Employment rates: 15-24 Years, Female (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



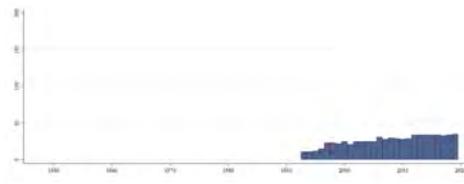
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.63 Employment rates: 15-24 Years, Male (percentage of active population) (eu\_ - empy1524m)**

Employment rates: 15-24 Years, Male (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



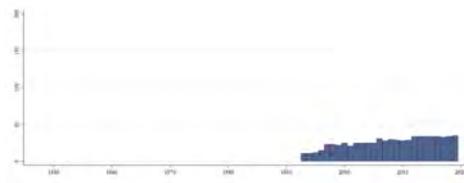
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.64 Employment rates: 15-24 Years, Total (percentage of active population) (eu\_ - empy1524t)**

Employment rates: 15-24 Years, Total (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



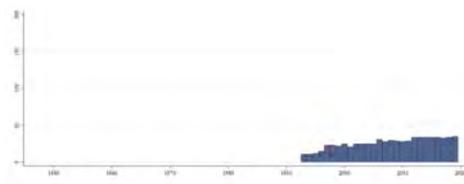
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.65 Employment rates: 15-64 Years, Female (percentage of active population) (eu\_ empy1564f)**

Employment rates: 15-64 Years, Female (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



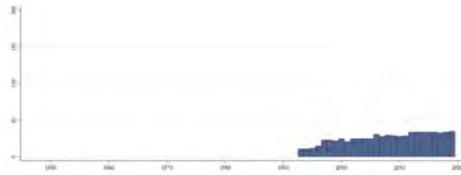
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.66 Employment rates: 15-64 Years, Male (percentage of active population) (eu\_ - empy1564m)**

Employment rates: 15-64 Years, Male (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



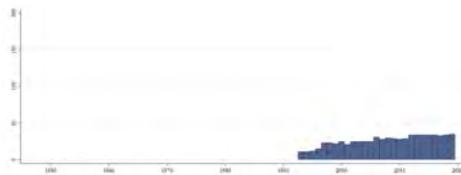
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.67 Employment rates: 15-64 Years, Total (percentage of active population) (eu\_ - empy1564t)**

Employment rates: 15-64 Years, Total (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



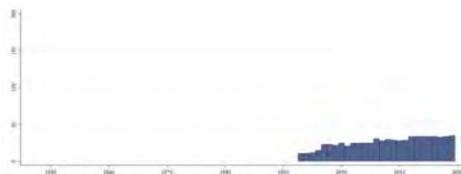
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.68 Employment rates: 20-64 Years, Female (percentage of active population) (eu\_ - empy2064f)**

Employment rates: 20-64 Years, Female (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



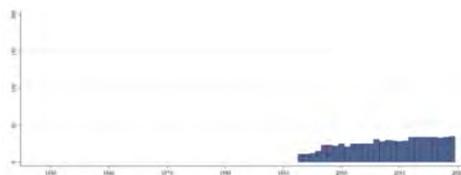
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.69 Employment rates: 20-64 Years, Male (percentage of active population) (eu\_ - empy2064m)**

Employment rates: 20-64 Years, Male (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



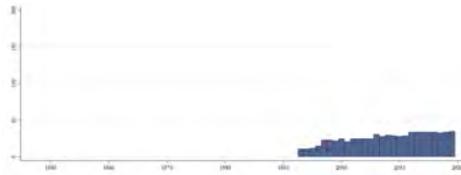
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.70 Employment rates: 20-64 Years, Total (percentage of active population) (eu\_ - empy2064t)**

Employment rates: 20-64 Years, Total (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



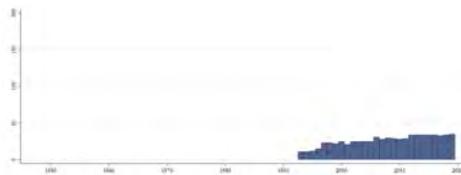
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.71 Employment rates: 25-34 Years, Female (percentage of active population) (eu\_empy2554f)**

Employment rates: 25-34 Years, Female (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



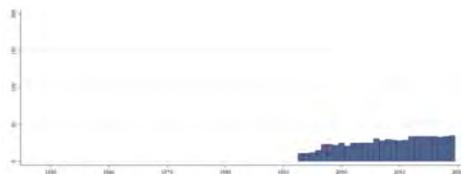
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.72 Employment rates: 25-34 Years, Male (percentage of active population) (eu\_empy2554m)**

Employment rates: 25-34 Years, Male (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



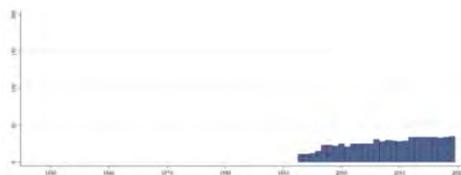
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.73 Employment rates: 25-34 Years, Total (percentage of active population) (eu\_empy2554t)**

Employment rates: 25-34 Years, Total (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



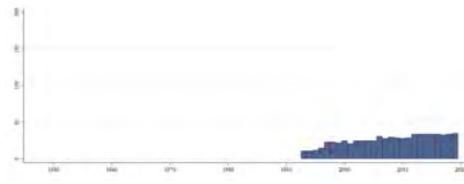
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.74 Employment rates: 55-64 Years, Female (percentage of active population) (eu\_empy5564f)**

Employment rates: 55-64 Years, Female (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



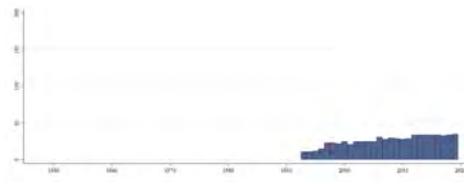
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.75 Employment rates: 55-64 Years, Male (percentage of active population) (eu\_ - empy5564m)**

Employment rates: 55-64 Years, Male (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



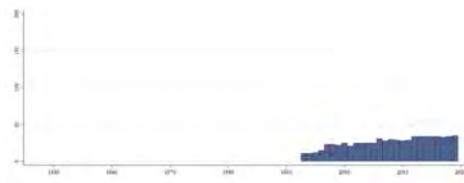
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.76 Employment rates: 55-64 Years, Total (percentage of active population) (eu\_ - empy5564t)**

Employment rates: 55-64 Years, Total (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



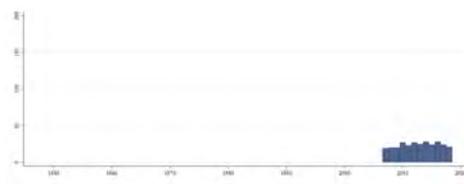
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.77 Resident population % not connected to urban and wastewater treatment plants (eu\_ envnc)**

Percentage of resident population not connected to urban and other wastewater treatment plants



Min. Year:2016 Max. Year: 2018  
N: 30



Min. Year:2007 Max. Year: 2018  
N: 33 n: 286  $\bar{N}$ : 24  $\bar{T}$ : 9

**4.32.78 Percentage reporting drinking every day (eu\_ heaalcday)**

Percentage reporting drinking every day



Min. Year:2014 Max. Year: 2014  
N: 28

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.32.79 Percentage reporting drinking every month (eu\_healcmon)**

Percentage reporting drinking every month



Min. Year:2014 Max. Year: 2014  
N: 28

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.32.80 Percentage reporting drinking never or not in last 12 months (eu\_healcnv)**

Percentage reporting drinking never or not in last 12 months



Min. Year:2014 Max. Year: 2014  
N: 28

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.32.81 Percentage reporting drinking every week (eu\_healcwk)**

Percentage reporting drinking every week



Min. Year:2014 Max. Year: 2014  
N: 28

Variable not included  
in Time-Series Data

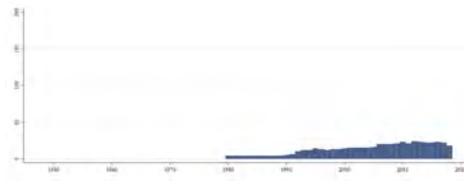
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.32.82 Dentists, per hundred thousand inhabitants (eu\_headenthhab)**

Dentists, Per hundred thousand inhabitants. Professionally active.



Min. Year:2014 Max. Year: 2017  
N: 24



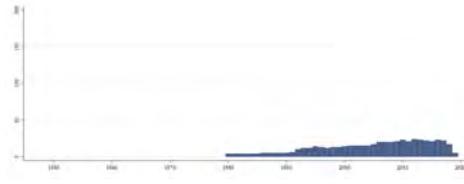
Min. Year:1980 Max. Year: 2018  
N: 24 n: 519  $\bar{N}$ : 13  $\bar{T}$ : 22

**4.32.83 Dentists, number (eu\_headentnr)**

Dentists, Number. Professionally active.



Min. Year:2014 Max. Year: 2017  
N: 24



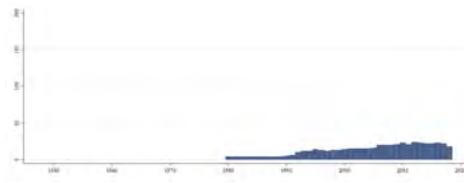
Min. Year:1980 Max. Year: 2019  
N: 24 n: 527  $\bar{N}$ : 13  $\bar{T}$ : 22

**4.32.84 Dentists, inhabitants per dentist (eu\_headentp)**

Dentists, Inhabitants per dentist. Professionally active.



Min. Year:2014 Max. Year: 2017  
N: 24



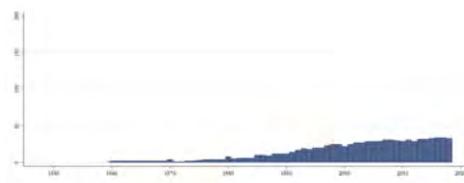
Min. Year:1980 Max. Year: 2018  
N: 24 n: 519  $\bar{N}$ : 13  $\bar{T}$ : 22

**4.32.85 Curative care beds in hospitals, Inhabitants per curative care beds (eu\_heahbedcurhabp)**

Curative care beds in hospitals, Inhabitants per curative care beds



Min. Year:2017 Max. Year: 2018  
N: 35



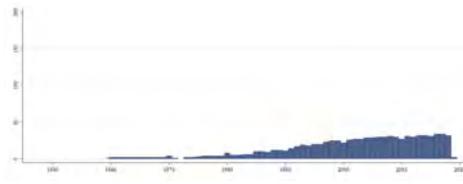
Min. Year:1960 Max. Year: 2018  
N: 35 n: 893  $\bar{N}$ : 15  $\bar{T}$ : 26

**4.32.86 Curative care beds in hospitals, Number (eu\_heahbedcurnr)**

Curative care beds in hospitals, Number



Min. Year:2017 Max. Year: 2018  
N: 35



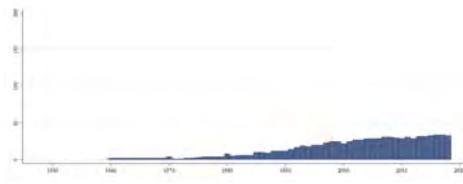
Min. Year:1960 Max. Year: 2019  
N: 35 n: 889  $\bar{N}$ : 15  $\bar{T}$ : 25

**4.32.87 Curative care beds in hospitals, Per hundred thousand inhabitants (eu\_heahbed-curphthab)**

Curative care beds in hospitals, Per hundred thousand inhabitants



Min. Year:2017 Max. Year: 2018  
N: 35



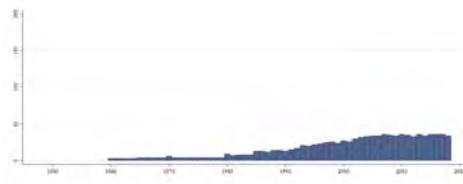
Min. Year:1960 Max. Year: 2018  
N: 35 n: 893  $\bar{N}$ : 15  $\bar{T}$ : 26

**4.32.88 Available beds in hospitals, Inhabitants per bed (eu\_heahbedhabp)**

Available beds in hospitals, Inhabitants per bed



Min. Year:2017 Max. Year: 2017  
N: 36



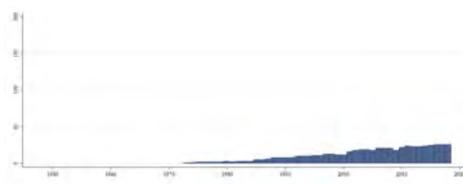
Min. Year:1960 Max. Year: 2018  
N: 37 n: 1026  $\bar{N}$ : 17  $\bar{T}$ : 28

**4.32.89 Long-term care beds (no psychiatric) in hospitals, Inhabitant per bed (eu\_heahbedlthabp)**

Long-term care beds (except psychiatric) in hospitals, Inhabitants per bed



Min. Year:2017 Max. Year: 2018  
N: 27



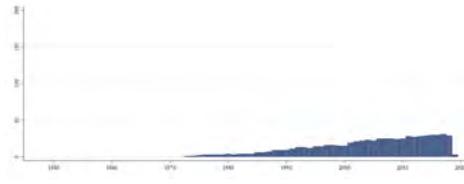
Min. Year:1973 Max. Year: 2018  
N: 29 n: 566  $\bar{N}$ : 12  $\bar{T}$ : 20

**4.32.90 Long-term care beds (no psychiatric) in hospitals, Number (eu\_heahbedltnr)**

Long-term care beds (except psychiatric) in hospitals, Number



Min. Year:2017 Max. Year: 2018  
N: 32



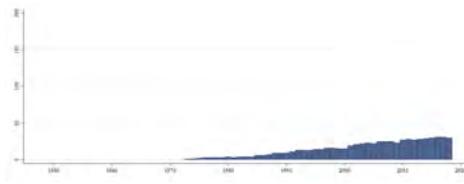
Min. Year:1973 Max. Year: 2019  
N: 33 n: 686  $\bar{N}$ : 15  $\bar{T}$ : 21

**4.32.91 Long-term care beds (no psychiatric)in hospitals per 100,000 inhab. (eu\_heahbedltpphab)**

Long-term care beds (except psychiatric)in hospit, Per 100 thousand inhabitants



Min. Year:2017 Max. Year: 2018  
N: 32



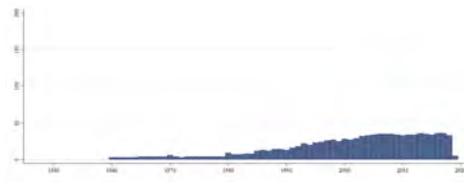
Min. Year:1973 Max. Year: 2018  
N: 33 n: 687  $\bar{N}$ : 15  $\bar{T}$ : 21

**4.32.92 Available beds in hospitals, Number (eu\_heahbednr)**

Available beds in hospitals, Number



Min. Year:2017 Max. Year: 2017  
N: 36



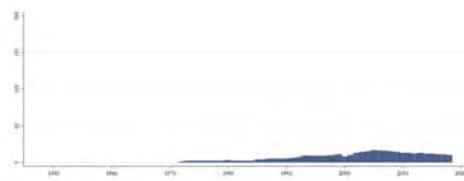
Min. Year:1960 Max. Year: 2019  
N: 37 n: 1032  $\bar{N}$ : 17  $\bar{T}$ : 28

**4.32.93 Other beds in hospitals, Inhabitants per bed (eu\_heahbedothhabp)**

Other beds in hospitals, Inhabitants per bed

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



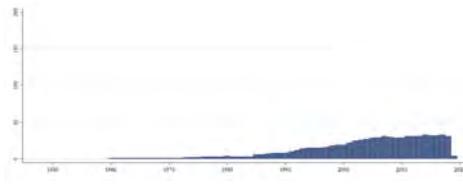
Min. Year:1972 Max. Year: 2018  
N: 20 n: 378  $\bar{N}$ : 8  $\bar{T}$ : 19

**4.32.94 Other beds in hospitals, Number (eu\_heahbedothnr)**

Other beds in hospitals, Number



Min. Year:2017 Max. Year: 2017  
N: 33



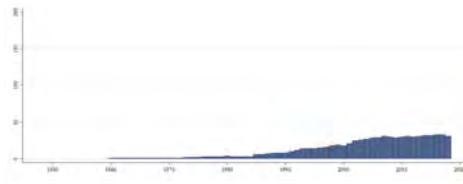
Min. Year:1960 Max. Year: 2019  
N: 33 n: 778  $\bar{N}$ : 13  $\bar{T}$ : 24

**4.32.95 Other beds in hospitals, per 100,000 inhabitants (eu\_heahbedothphthab)**

Other beds in hospitals, Per hundred thousand inhabitants



Min. Year:2017 Max. Year: 2017  
N: 33



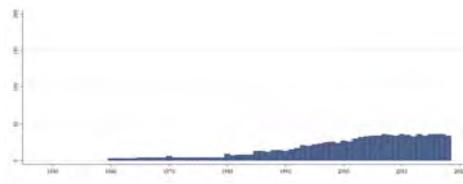
Min. Year:1960 Max. Year: 2018  
N: 33 n: 770  $\bar{N}$ : 13  $\bar{T}$ : 23

**4.32.96 Available beds in hospitals, Per hundred thousand inhabitants (eu\_heahbed-phthab)**

Available beds in hospitals, Per hundred thousand inhabitants



Min. Year:2017 Max. Year: 2017  
N: 36



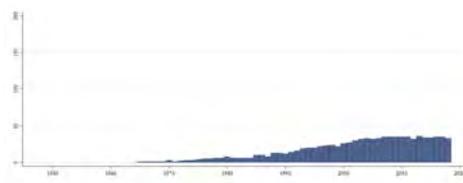
Min. Year:1960 Max. Year: 2018  
N: 37 n: 1026  $\bar{N}$ : 17  $\bar{T}$ : 28

**4.32.97 Psychiatric care beds in hospitals, Inhabitants per bed (eu\_heahbedpsyhabp)**

Psychiatric care beds in hospitals, Inhabitants per bed



Min. Year:2017 Max. Year: 2017  
N: 35



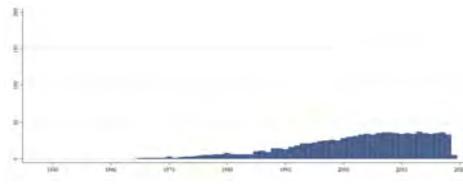
Min. Year:1965 Max. Year: 2018  
N: 36 n: 948  $\bar{N}$ : 18  $\bar{T}$ : 26

**4.32.98 Psychiatric care beds in hospitals, Number (eu\_heahbedpsynr)**

Psychiatric care beds in hospitals, Number



Min. Year:2017 Max. Year: 2017  
N: 36



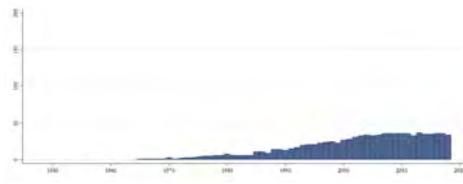
Min. Year:1965 Max. Year: 2019  
N: 37 n: 993  $\bar{N}$ : 18  $\bar{T}$ : 27

**4.32.99 Psychiatric care beds in hospitals, per 100,000 inhabitants (eu\_heahbedpsyphthab)**

Psychiatric care beds in hospitals, Per hundred thousand inhabitants



Min. Year:2017 Max. Year: 2017  
N: 36



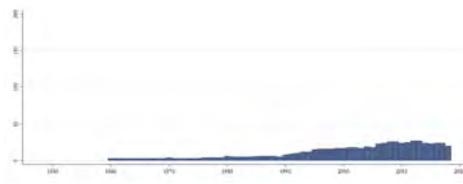
Min. Year:1965 Max. Year: 2018  
N: 37 n: 982  $\bar{N}$ : 18  $\bar{T}$ : 27

**4.32.100 Medical doctors, per 100,000 inhabitants (eu\_heamdochthab)**

Medical doctors, Per hundred thousand inhabitants. Professionally active.



Min. Year:2015 Max. Year: 2017  
N: 25



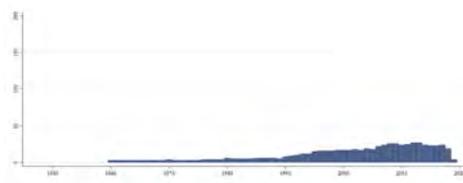
Min. Year:1960 Max. Year: 2018  
N: 27 n: 675  $\bar{N}$ : 11  $\bar{T}$ : 25

**4.32.101 Medical doctors, number. (eu\_heamdocnr)**

Medical doctors, Number. Professionally active.



Min. Year:2015 Max. Year: 2017  
N: 25



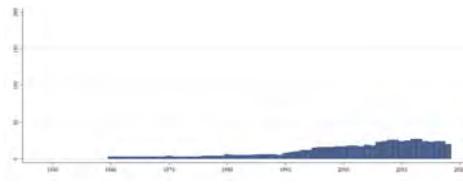
Min. Year:1960 Max. Year: 2019  
N: 27 n: 675  $\bar{N}$ : 11  $\bar{T}$ : 25

**4.32.102 Medical doctors, inhabitants per doctor (eu\_heamdocp)**

Medical doctors, Inhabitants per doctor. Professionally active.



Min. Year:2015 Max. Year: 2017  
N: 25



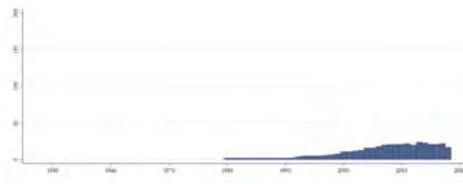
Min. Year:1960 Max. Year: 2018  
N: 27 n: 675  $\bar{N}$ : 11  $\bar{T}$ : 25

**4.32.103 Professionally active nurses and midwives, per 100,000 inhabitants (eu\_heanurshtab)**

Professionally active nurses and midwives, Per hundred thousand inhabitants



Min. Year:2014 Max. Year: 2017  
N: 23



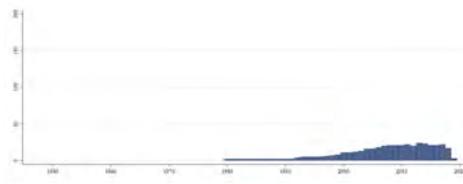
Min. Year:1980 Max. Year: 2018  
N: 25 n: 419  $\bar{N}$ : 11  $\bar{T}$ : 17

**4.32.104 Professionally active nurses and midwives, Number (eu\_heanursnr)**

Professionally active nurses and midwives, Number



Min. Year:2014 Max. Year: 2017  
N: 23



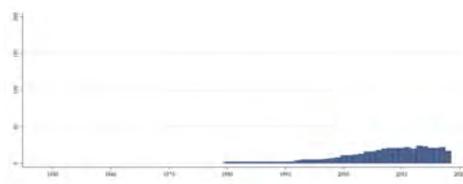
Min. Year:1980 Max. Year: 2019  
N: 25 n: 422  $\bar{N}$ : 11  $\bar{T}$ : 17

**4.32.105 Professionally active nurses and midwives, Inhabitants per nurse/midwife (eu\_heanursp)**

Professionally active nurses and midwives, Inhabitants per nurse/midwife



Min. Year:2014 Max. Year: 2017  
N: 23



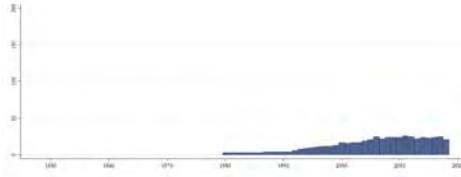
Min. Year:1980 Max. Year: 2018  
N: 25 n: 419  $\bar{N}$ : 11  $\bar{T}$ : 17

**4.32.106 Pharmacists, per 100,000 inhabitants (eu\_heapharmhthab)**

Pharmacists, Per hundred thousand inhabitants. Professionally active.



Min. Year:2014 Max. Year: 2017  
N: 26



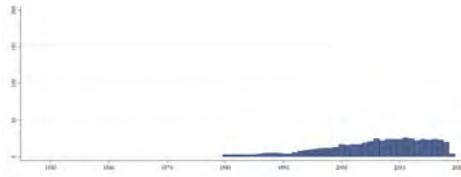
Min. Year:1980 Max. Year: 2018  
N: 27 n: 538  $\bar{N}$ : 14  $\bar{T}$ : 20

#### 4.32.107 Pharmacists, number (eu\_heapharmnr)

Pharmacists, Number. Professionally active.



Min. Year:2014 Max. Year: 2018  
N: 26



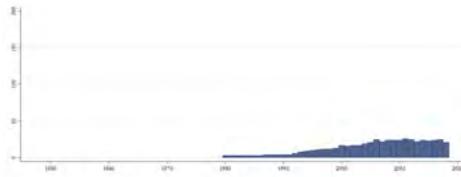
Min. Year:1980 Max. Year: 2019  
N: 27 n: 543  $\bar{N}$ : 14  $\bar{T}$ : 20

#### 4.32.108 Pharmacists, inhabitants per pharmacist (eu\_heapharmp)

Pharmacists, Inhabitants per pharmacist. Professionally active.



Min. Year:2014 Max. Year: 2017  
N: 26



Min. Year:1980 Max. Year: 2018  
N: 27 n: 538  $\bar{N}$ : 14  $\bar{T}$ : 20

#### 4.32.109 Percentage of current smokers and daily smokers (eu\_heasmok)

Percentage of current smokers and daily smokers



Min. Year:2014 Max. Year: 2014  
N: 30

Variable not included  
in Time-Series Data

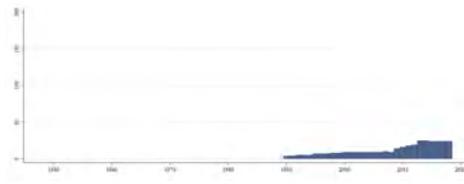
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.32.110 Number of immigrants aged less than 18, female (eu\_imm118f)

Number of immigrants aged less than 18, female



Min. Year:2015 Max. Year: 2017  
N: 25



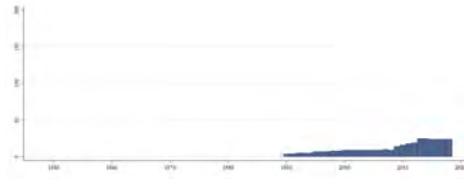
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

#### 4.32.111 Number of immigrants aged less than 18, male (eu\_imm118m)

Number of immigrants aged less than 18, male



Min. Year:2015 Max. Year: 2017  
N: 25



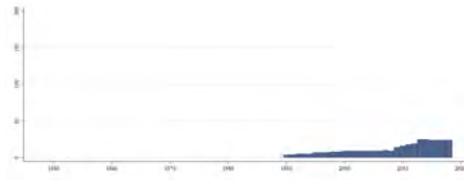
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

#### 4.32.112 Number of immigrants aged less than 18, total (eu\_imm118t)

Number of immigrants aged less than 18, total



Min. Year:2015 Max. Year: 2017  
N: 25



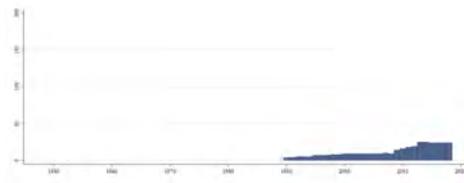
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

#### 4.32.113 Number of immigrants aged 18 to 24, female (eu\_imm1824f)

Number of immigrants aged 18 to 24, female



Min. Year:2015 Max. Year: 2017  
N: 25



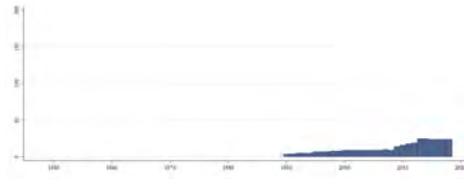
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

#### 4.32.114 Number of immigrants aged 18 to 24, male (eu\_imm1824m)

Number of immigrants aged 18 to 24, male



Min. Year:2015 Max. Year: 2017  
N: 25



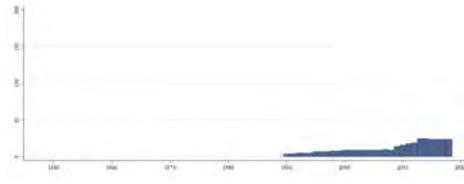
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.115 Number of immigrants aged 18 to 24, total (eu\_imm1824t)**

Number of immigrants aged 18 to 24, total



Min. Year:2015 Max. Year: 2017  
N: 25



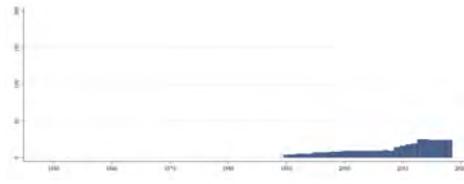
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.116 Number of immigrants aged 25 to 34, female (eu\_imm2534f)**

Number of immigrants aged 25 to 34, female



Min. Year:2015 Max. Year: 2017  
N: 25



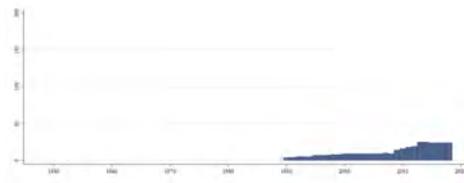
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.117 Number of immigrants aged 25 to 34, male (eu\_imm2534m)**

Number of immigrants aged 25 to 34, male



Min. Year:2015 Max. Year: 2017  
N: 25



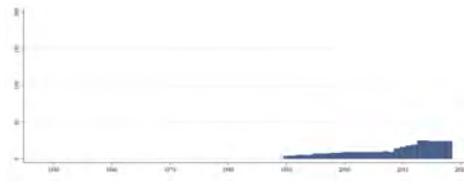
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.118 Number of immigrants aged 25 to 34, total (eu\_imm2534t)**

Number of immigrants aged 25 to 34, total



Min. Year:2015 Max. Year: 2017  
N: 25



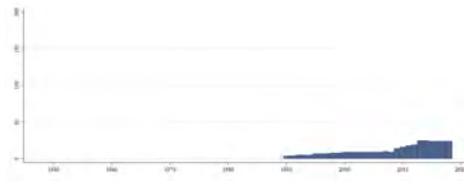
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.119 Number of immigrants aged 35 to 64, female (eu\_imm3564f)**

Number of immigrants aged 35 to 64, female



Min. Year:2015 Max. Year: 2017  
N: 25



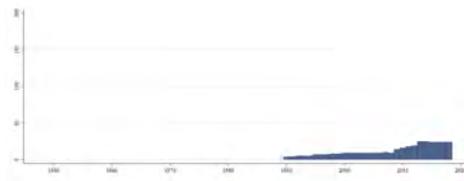
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.120 Number of immigrants aged 35 to 64, male (eu\_imm3564m)**

Number of immigrants aged 35 to 64, male



Min. Year:2015 Max. Year: 2017  
N: 25



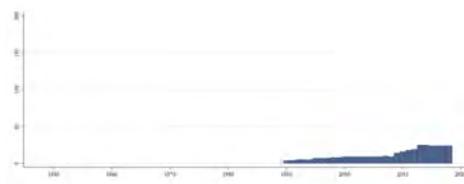
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.121 Number of immigrants aged 35 to 64, total (eu\_imm3564t)**

Number of immigrants aged 35 to 64, total



Min. Year:2015 Max. Year: 2017  
N: 25



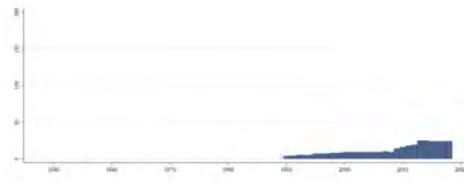
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.122 Number of immigrants aged more than 65, female (eu\_imm65f)**

Number of immigrants aged more than 65, female



Min. Year:2015 Max. Year: 2017  
N: 25



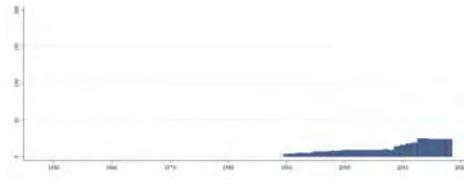
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.123 Number of immigrants aged more than 65, male (eu\_imm65m)**

Number of immigrants aged more than 65, male



Min. Year:2015 Max. Year: 2017  
N: 25



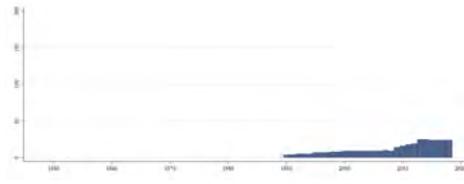
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.124 Number of immigrants aged more than 65, total (eu\_imm65t)**

Number of immigrants aged more than 65, total



Min. Year:2015 Max. Year: 2017  
N: 25



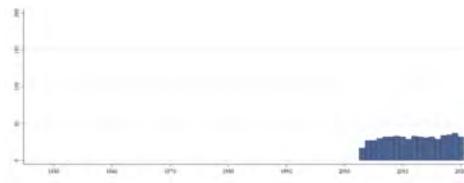
Min. Year:1990 Max. Year: 2018  
N: 25 n: 355  $\bar{N}$ : 12  $\bar{T}$ : 14

**4.32.125 Internet use: internet banking (eu\_isiubk)**

Internet use: internet banking as percentage of all individuals



Min. Year:2017 Max. Year: 2019  
N: 37



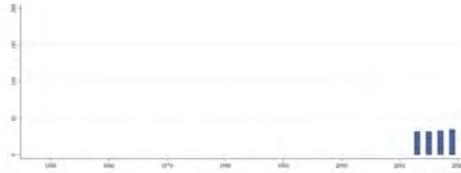
Min. Year:2003 Max. Year: 2020  
N: 41 n: 554  $\bar{N}$ : 31  $\bar{T}$ : 14

**4.32.126 Internet use: civic or political participation (eu\_isiucpp)**

Internet use: civic or political participation as percentage of all individuals



Min. Year:2017 Max. Year: 2019  
N: 37



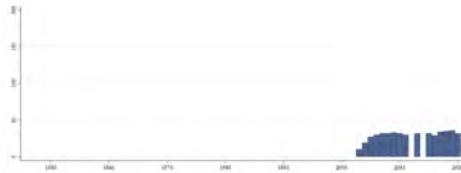
Min. Year:2013 Max. Year: 2019  
N: 37 n: 132  $\bar{N}$ : 19  $\bar{T}$ : 4

**4.32.127 Internet use: seeking health information (eu\_isiuhlt)**

Internet use: seeking health information as percentage of all individuals



Min. Year:2017 Max. Year: 2019  
N: 37



Min. Year:2003 Max. Year: 2020  
N: 38 n: 475  $\bar{N}$ : 26  $\bar{T}$ : 13

**4.32.128 Internet use: participating in social networks (eu\_isiunet)**

Internet use: participating in social networks as percentage of all individuals



Min. Year:2017 Max. Year: 2019  
N: 37



Min. Year:2011 Max. Year: 2020  
N: 37 n: 290  $\bar{N}$ : 29  $\bar{T}$ : 8

**4.32.129 Internet use: selling goods or services (eu\_isiusell)**

Internet use: selling goods or services as percentage of all individuals



Min. Year:2017 Max. Year: 2019  
N: 37



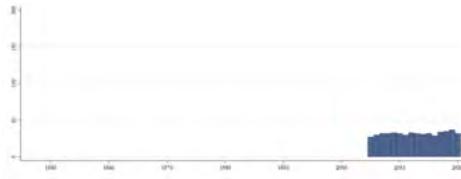
Min. Year:2002 Max. Year: 2020  
N: 37 n: 545  $\bar{N}$ : 29  $\bar{T}$ : 15

**4.32.130 Internet use: never (eu\_isiux)**

Internet use: never as a percentage of all individuals



Min. Year:2017 Max. Year: 2019  
N: 37



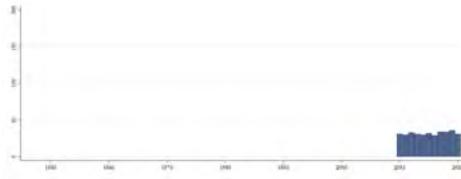
Min. Year:2005 Max. Year: 2020  
N: 37 n: 511  $\bar{N}$ : 32  $\bar{T}$ : 14

#### 4.32.131 Households with broadband access (% of households with Internet access) (eu\_ispchhiacc)

Households with broadband access (% of households with Internet access)



Min. Year:2017 Max. Year: 2019  
N: 37



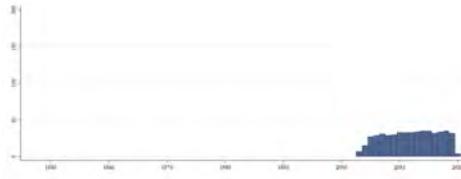
Min. Year:2010 Max. Year: 2020  
N: 37 n: 351  $\bar{N}$ : 32  $\bar{T}$ : 9

#### 4.32.132 Severe material deprivation rate (total) (eu\_povmatdepr)

Severe material deprivation rate (Total)



Min. Year:2017 Max. Year: 2018  
N: 35



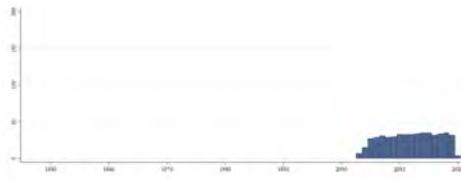
Min. Year:2003 Max. Year: 2020  
N: 35 n: 508  $\bar{N}$ : 28  $\bar{T}$ : 15

#### 4.32.133 Severe material deprivation rate (female) (eu\_povmatdeprf)

Severe material deprivation rate (Female)



Min. Year:2017 Max. Year: 2018  
N: 35



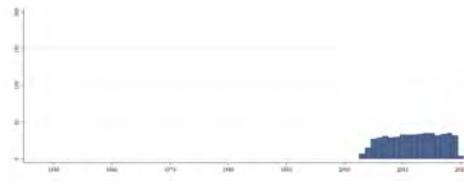
Min. Year:2003 Max. Year: 2020  
N: 35 n: 508  $\bar{N}$ : 28  $\bar{T}$ : 15

#### 4.32.134 Severe material deprivation rate (male) (eu\_povmatdeprm)

Severe material deprivation rate (Male)



Min. Year:2017 Max. Year: 2018  
N: 35



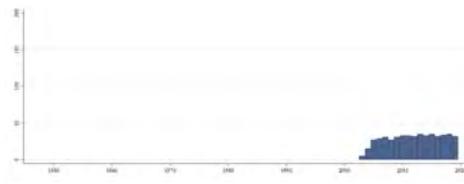
Min. Year:2003 Max. Year: 2020  
N: 35 n: 508  $\bar{N}$ : 28  $\bar{T}$ : 15

**4.32.135 % of people under 60(y) living in households w. very low work intensity (eu\_povpoplwoin)**

Percentage of people under 60 years old living in households with very low work intensity



Min. Year:2017 Max. Year: 2018  
N: 35



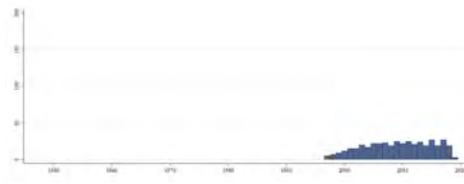
Min. Year:2003 Max. Year: 2019  
N: 35 n: 499  $\bar{N}$ : 29  $\bar{T}$ : 14

**4.32.136 Researchers in all sectors % tot. employment - full-time (female) (eu\_resallf)**

Researchers in all sectors % tot. employment - full-time equivalent (female)



Min. Year:2015 Max. Year: 2017  
N: 28



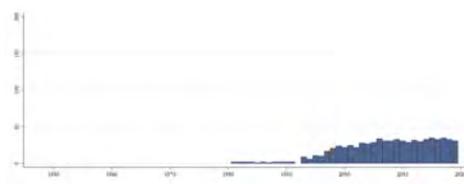
Min. Year:1997 Max. Year: 2019  
N: 31 n: 417  $\bar{N}$ : 18  $\bar{T}$ : 13

**4.32.137 Researchers in all sectors % tot. employment - full-time (total) (eu\_resallt)**

Researchers in all sectors % tot. employment - full-time equivalent (total)



Min. Year:2017 Max. Year: 2017  
N: 35



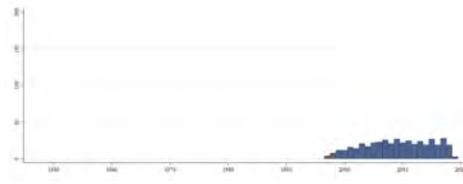
Min. Year:1981 Max. Year: 2019  
N: 39 n: 722  $\bar{N}$ : 19  $\bar{T}$ : 19

**4.32.138 Researchers in Business Sector % tot. employment - full-time (female) (eu\_resbusf)**

Researchers in Business Sector % tot. employment - full-time equivalent (female)



Min. Year:2017 Max. Year: 2017  
N: 28



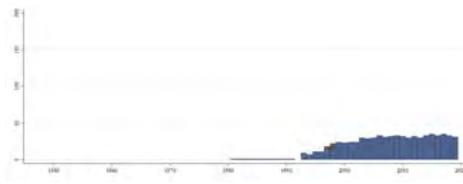
Min. Year:1997 Max. Year: 2019  
N: 31 n: 429  $\bar{N}$ : 19  $\bar{T}$ : 14

**4.32.139 Researchers in Business Sector % tot. employment - full-time (total) (eu\_resbust)**

Researchers in Business Sector % tot. employment - full-time equivalent (total)



Min. Year:2017 Max. Year: 2017  
N: 35



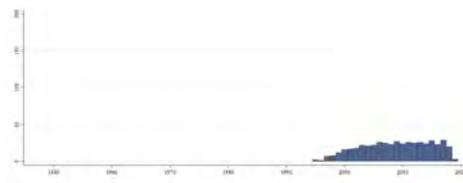
Min. Year:1981 Max. Year: 2019  
N: 38 n: 726  $\bar{N}$ : 19  $\bar{T}$ : 19

**4.32.140 Researchers in Higher Education % tot. employment - full-time (female) (eu\_reseduf)**

Researchers in Higher Education % tot. employment - full-time equivalent (female)



Min. Year:2017 Max. Year: 2017  
N: 29



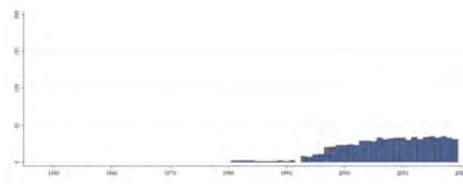
Min. Year:1995 Max. Year: 2019  
N: 32 n: 475  $\bar{N}$ : 19  $\bar{T}$ : 15

**4.32.141 Researchers in Higher Education % tot. employment - full-time (total) (eu\_resedut)**

Researchers in Higher Education % tot. employment - full-time equivalent (total)



Min. Year:2017 Max. Year: 2017  
N: 35



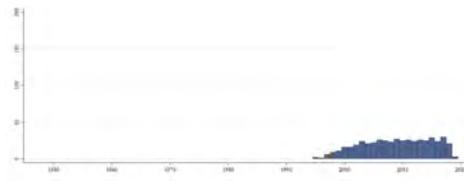
Min. Year:1981 Max. Year: 2019  
N: 39 n: 731  $\bar{N}$ : 19  $\bar{T}$ : 19

**4.32.142 Researchers in Government % tot. employment - full-time (female) (eu\_resgovf)**

Researchers in Government % tot. employment - full-time equivalent (female)



Min. Year:2017 Max. Year: 2017  
N: 30



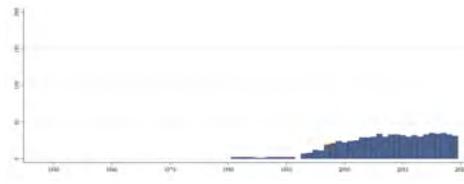
Min. Year:1995 Max. Year: 2019  
N: 33 n: 481  $\bar{N}$ : 19  $\bar{T}$ : 15

**4.32.143 Researchers in Government % tot. employment - full-time (total) (eu\_resgovt)**

Researchers in Government % tot. employment - full-time equivalent (total)



Min. Year:2017 Max. Year: 2017  
N: 35



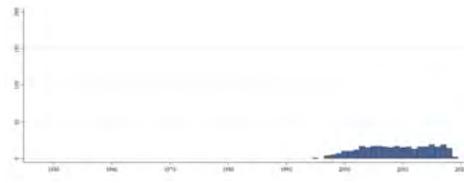
Min. Year:1981 Max. Year: 2019  
N: 39 n: 736  $\bar{N}$ : 19  $\bar{T}$ : 19

**4.32.144 Researchers in Non-profits % tot. employment - full-time (female) (eu\_resnonpf)**

Researchers in Non-profits % tot. employment - full-time equivalent (female)



Min. Year:2015 Max. Year: 2017  
N: 20



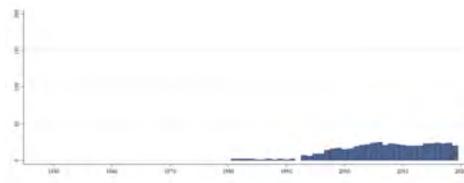
Min. Year:1995 Max. Year: 2019  
N: 25 n: 309  $\bar{N}$ : 12  $\bar{T}$ : 12

**4.32.145 Researchers in Non-profits % tot. employment - full-time (total) (eu\_resnonpt)**

Researchers in Non-profits % tot. employment - full-time equivalent (total)



Min. Year:2017 Max. Year: 2018  
N: 24



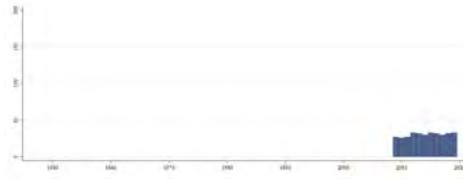
Min. Year:1981 Max. Year: 2019  
N: 34 n: 522  $\bar{N}$ : 13  $\bar{T}$ : 15

**4.32.146 Employment in Agriculture, Forestry, Fishing, Mining, Quarry (Female) %tot (eu\_sctabf)**

Employment in Agriculture, Forestry, Fishing, Mining, Quarrying (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 33



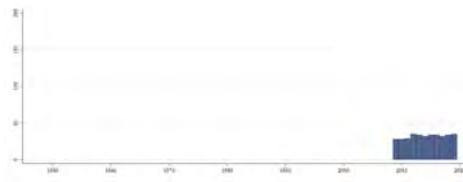
Min. Year:2009 Max. Year: 2019  
N: 33 n: 335  $\bar{N}$ : 30  $\bar{T}$ : 10

**4.32.147 Employment in Agriculture, Forestry, Fishing, Mining, Quarry (Male) % tot (eu\_sctabm)**

Employment in Agriculture, Forestry, Fishing, Mining, Quarrying (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



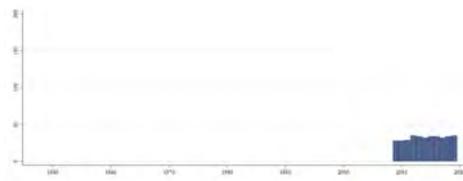
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.148 Employment in Agriculture, Forestry, Fishing, Mining, Quarry (Total) % tot (eu\_sctabt)**

Employment in Agriculture, Forestry, Fishing, Mining, Quarrying (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



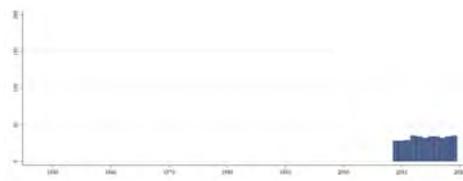
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.149 Employment in Manufacturing (Female) % total employment (eu\_sctcff)**

Employment in Manufacturing (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



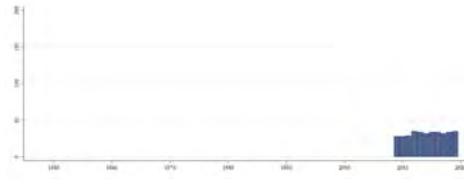
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.150 Employment in Manufacturing (Male) % total employment (eu\_sctcfm)**

Employment in Manufacturing (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



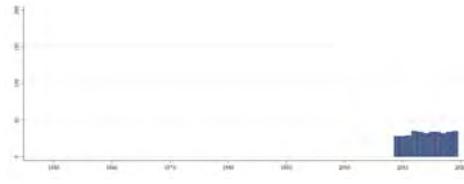
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.151 Employment in Manufacturing (Total) % total employment (eu\_sctcft)**

Employment in Manufacturing (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



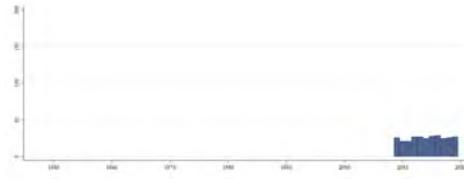
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.152 Employment in high-tech manufacturing (Female) % total employment (eu\_sctchtcf)**

Employment in high-tech manufacturing (Female) % total employment



Min. Year:2016 Max. Year: 2018  
N: 30



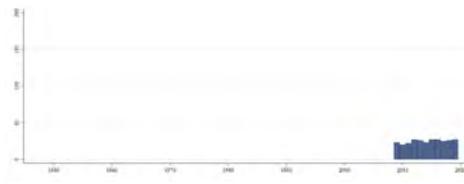
Min. Year:2009 Max. Year: 2019  
N: 30 n: 282  $\bar{N}$ : 26  $\bar{T}$ : 9

**4.32.153 Employment in high-tech manufacturing (Male) % total employment (eu\_sctchtcm)**

Employment in high-tech manufacturing (Male) % total employment



Min. Year:2016 Max. Year: 2018  
N: 29



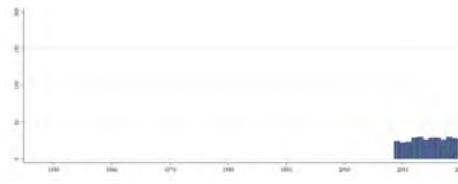
Min. Year:2009 Max. Year: 2019  
N: 29 n: 273  $\bar{N}$ : 25  $\bar{T}$ : 9

**4.32.154 Employment in Medium high-tech manufacturing (Female) % total employment (eu\_scthtcmf)**

Employment in Medium high-tech manufacturing (Female) % total employment



Min. Year:2016 Max. Year: 2018  
N: 32



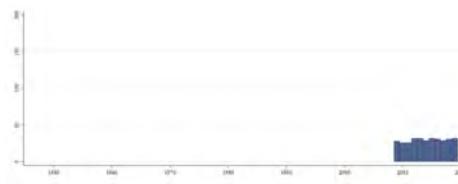
Min. Year:2009 Max. Year: 2019  
N: 32 n: 296  $\bar{N}$ : 27  $\bar{T}$ : 9

**4.32.155 Employment in High and medium high-tech manufacturing (Female) % total (eu\_sctchtmhf)**

Employment in High and medium high-tech manufacturing (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 32



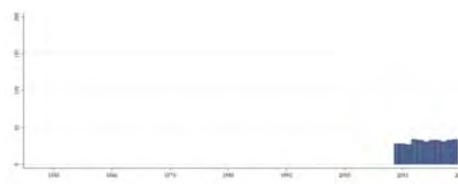
Min. Year:2009 Max. Year: 2019  
N: 33 n: 328  $\bar{N}$ : 30  $\bar{T}$ : 10

**4.32.156 Employment in High and medium high-tech manufacturing (Male) % total (eu\_sctchtmhm)**

Employment in High and medium high-tech manufacturing (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 34



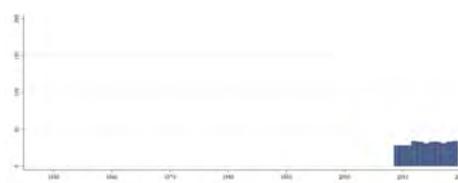
Min. Year:2009 Max. Year: 2019  
N: 34 n: 345  $\bar{N}$ : 31  $\bar{T}$ : 10

**4.32.157 Employment in High and medium high-tech manufacturing (Total) % total (eu\_sctchtmht)**

Employment in High and medium high-tech manufacturing (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 34



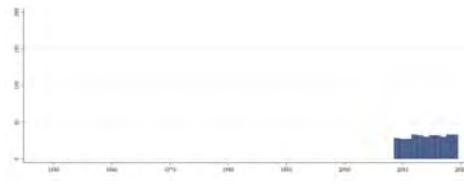
Min. Year:2009 Max. Year: 2019  
N: 34 n: 346  $\bar{N}$ : 31  $\bar{T}$ : 10

**4.32.158 Employment in Medium high-tech manufacturing (Male) % total employment (eu\_sctchtmhm)**

Employment in Medium high-tech manufacturing (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 34



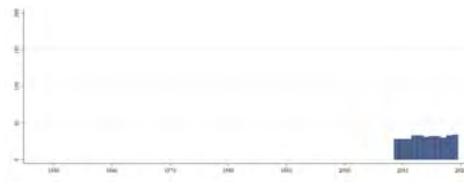
Min. Year:2009 Max. Year: 2019  
N: 34 n: 337  $\bar{N}$ : 31  $\bar{T}$ : 10

**4.32.159 Employment in Medium high-tech manufacturing (Total) % total employment (eu\_scthtcmt)**

Employment in Medium high-tech manufacturing (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 34



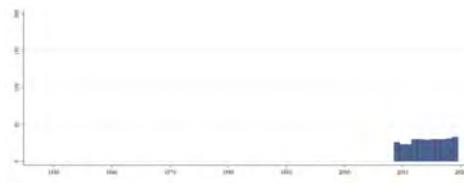
Min. Year:2009 Max. Year: 2019  
N: 34 n: 342  $\bar{N}$ : 31  $\bar{T}$ : 10

**4.32.160 Employment in high-tech manufacturing (Total) % total employment (eu\_scthtct)**

Employment in high-tech manufacturing (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 33



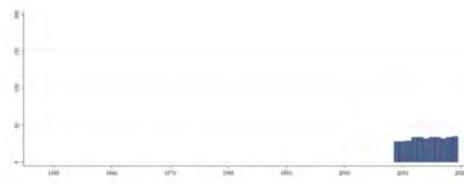
Min. Year:2009 Max. Year: 2019  
N: 33 n: 315  $\bar{N}$ : 29  $\bar{T}$ : 10

**4.32.161 Employment in Low-technology manufacturing (Female) % total employment (eu\_sctltcf)**

Employment in Low-technology manufacturing (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



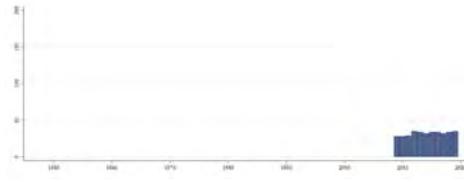
Min. Year:2009 Max. Year: 2019  
N: 35 n: 354  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.162 Employment in Low and medium low-tech manufacturing (Female) % total (eu\_sctltclmf)**

Employment in Low and medium low-tech manufacturing (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



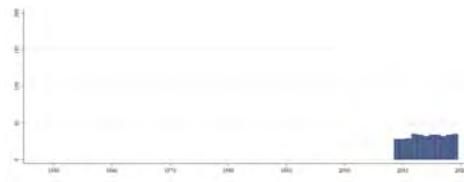
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.163 Employment in Low and medium low-tech manufacturing (Male) % total (eu\_sctcltclmm)**

Employment in Low and medium low-technology manufacturing (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



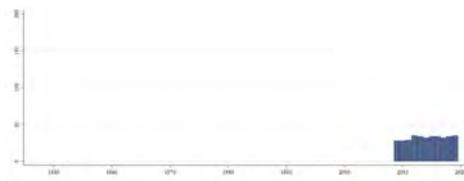
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.164 Employment in Low and medium low-tech manufacturing (Total) % total (eu\_sctcltclmt)**

Employment in Low and medium low-technology manufacturing (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



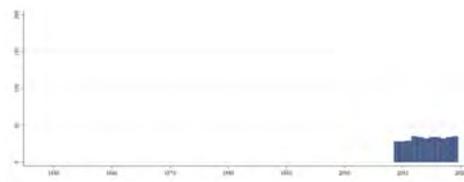
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.165 Employment in Low-tech manufacturing (Male) % total employment (eu\_sctcltcm)**

Employment in Low-technology manufacturing (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



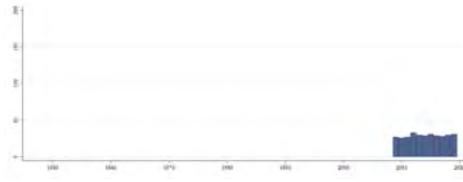
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.166 Employment in Medium low-tech manufacturing (Female) % total employ. (eu\_sctcltcmf)**

Employment in Medium low-technology manufacturing (Female) % total employment



Min. Year:2015 Max. Year: 2019  
N: 34



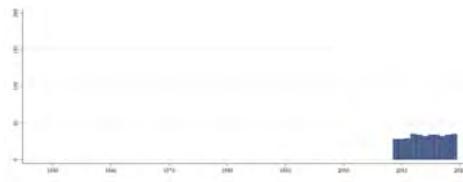
Min. Year:2009 Max. Year: 2019  
N: 34 n: 321  $\bar{N}$ : 29  $\bar{T}$ : 9

**4.32.167 Employment in Medium low-tech manufacturing (Male) % total employ. (eu\_sctltcmm)**

Employment in Medium low-technology manufacturing (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



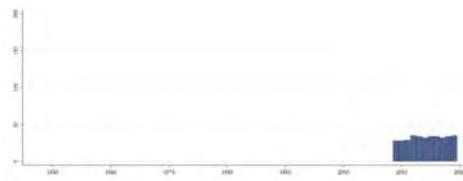
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.168 Employment in Medium low-tech manufacturing (Total) % total employ. (eu\_sctltcmt)**

Employment in Medium low-technology manufacturing (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



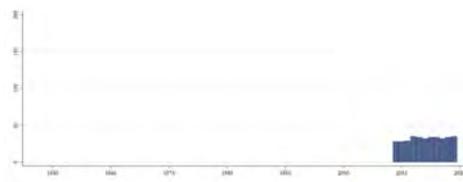
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.169 Employment in Low-tech manufacturing (Total) % total employment (eu\_sctltct)**

Employment in Low-technology manufacturing (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



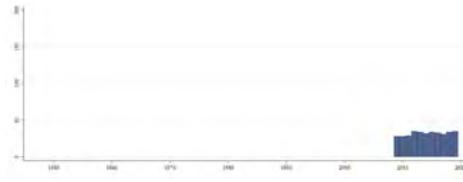
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.170 Employment in Electricity, Gas, Steam, Air Con. supply (Female) % tot (eu\_sctdff)**

Employment in Electricity, Gas, Steam, Air conditioning supply (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



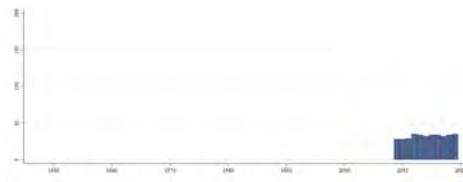
Min. Year:2009 Max. Year: 2019  
N: 35 n: 353  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.171 Employment in Electricity, Gas, Steam, Air Con. supply (Male) % tot (eu\_sctdfm)**

Employment in Electricity, Gas, Steam, Air conditioning supply (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



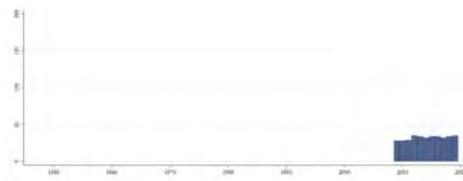
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.172 Employment in Electricity, Gas, Steam, Air Con. supply (Total) % tot (eu\_sctdft)**

Employment in Electricity, Gas, Steam, Air conditioning supply (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



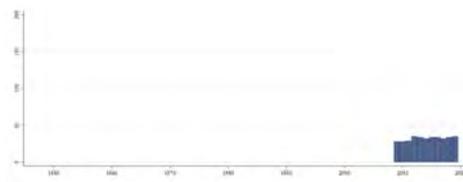
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.173 Employment in Wholesale, Retail trade, Food service activ. (Female) %tot (eu\_sctgitf)**

Employment in Wholesale, Retail trade, Food service activities (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



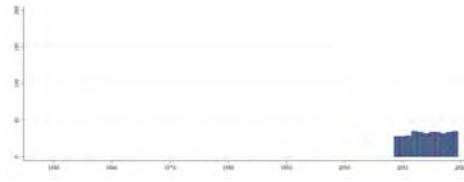
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.174 Employment in Wholesale, Retail trade, Food service activ. (Male) % tot (eu\_sctgitm)**

Employment in Wholesale, Retail trade, Food service activities (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



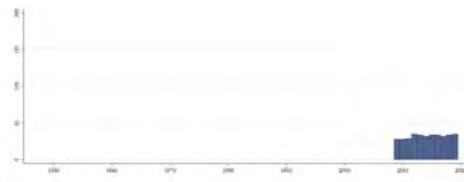
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.175 Employment in Wholesale, Retail trade, Food service activ. (Total) % tot (eu\_sctgitt)**

Employment in Wholesale, Retail trade, Food service activities (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



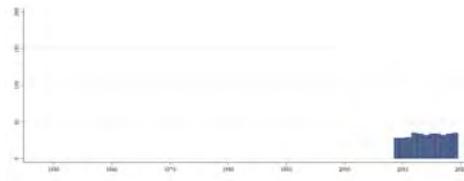
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.176 Employment in Services (Female) % total employment (eu\_sctguf)**

Employment in Services (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



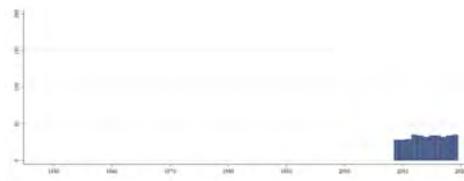
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.177 Employment in Services (Male) % total employment (eu\_sctgum)**

Employment in Services (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



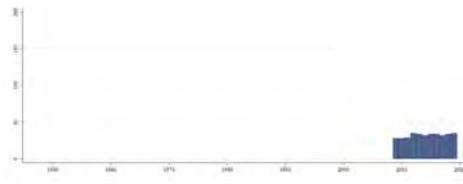
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.178 Employment in Services (Total) % total employment (eu\_sctgut)**

Employment in Services (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



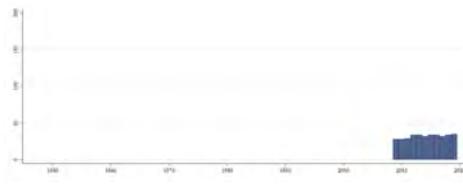
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.179 Employment in Land, Water, Air transport, Warehouse Female % tot employ. (eu\_scth52n79f)**

Employment in Land, Water, Air transport, Warehouse (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



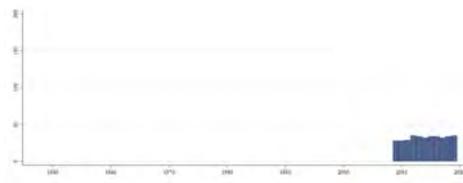
Min. Year:2009 Max. Year: 2019  
N: 35 n: 354  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.180 Employment in Land, Water, Air transport, Warehouse Male % tot employ. (eu\_scth52n79m)**

Employment in Land, Water, Air transport, Warehouse (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



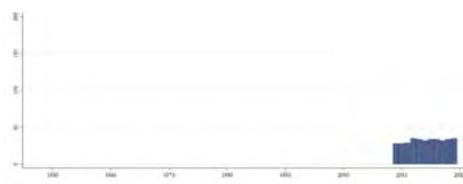
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.181 Employment in Land, Water, Air transport, Warehouse Total % tot employ. (eu\_scth52n79t)**

Employment in Land, Water, Air transport, Warehouse (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



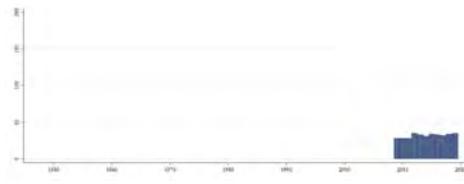
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.182 Employment in high-tech sectors (Female) % total employment (eu\_scthtcf)**

Employment in high-tech sectors (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



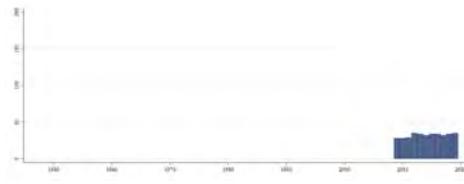
Min. Year:2009 Max. Year: 2019  
N: 35 n: 351  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.183 Employment in high-tech sectors (Male) % total employment (eu\_scthtcm)**

Employment in high-tech sectors (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



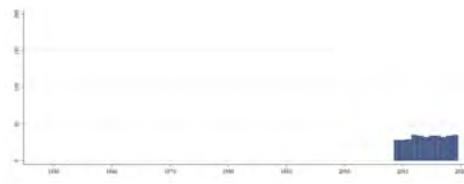
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.184 Employment in high-tech sectors (Total) % total employment (eu\_scthtct)**

Employment in high-tech sectors (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



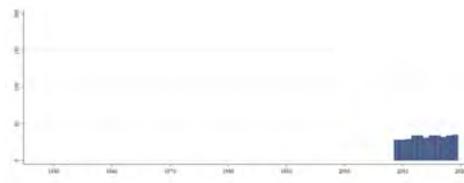
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.185 Employment in Information and communication (Female) % total employment (eu\_sctjf)**

Employment in Information and communication (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



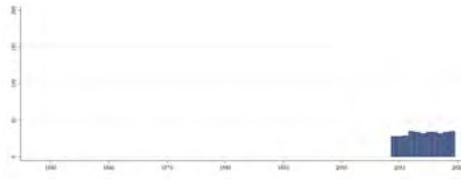
Min. Year:2009 Max. Year: 2019  
N: 35 n: 353  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.186 Employment in Information and communication (Male) % total employment (eu\_sctjm)**

Employment in Information and communication (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



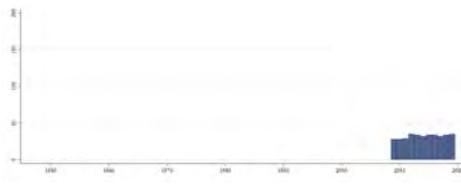
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.187 Employment in Information and communication (Total) % total employment (eu\_sctjt)**

Employment in Information and communication (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



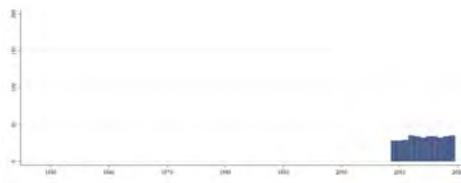
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.188 Employment in Financial and insurance activities (Female) % total employment (eu\_sctkf)**

Employment in Financial and insurance activities (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



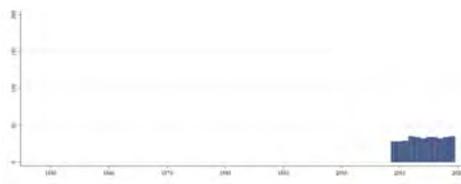
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.189 Employment in Knowledge-intensive services (Female) % total employment (eu\_sctkisf)**

Employment in Knowledge-intensive services (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



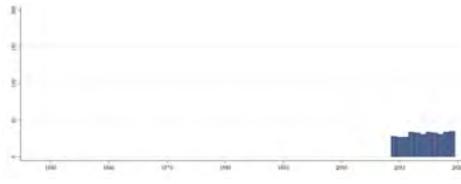
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.190 Employment in Knowledge-intensive high-tech serv. (Female) % total employ. (eu\_sctkishtcf)**

Employment in Knowledge-intensive high-tech services (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



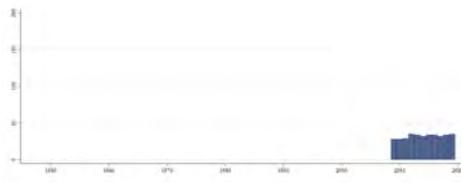
Min. Year:2009 Max. Year: 2019  
N: 35 n: 347  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.191 Employment in Knowledge-intensive high-tech serv. (Male) % total employ. (eu\_sctkishtcm)**

Employment in Knowledge-intensive high-tech services (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



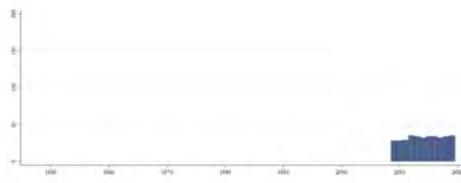
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.192 Employment in Knowledge-intensive high-tech serv. (Total) % total employ. (eu\_sctkishtct)**

Employment in Knowledge-intensive high-tech services (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



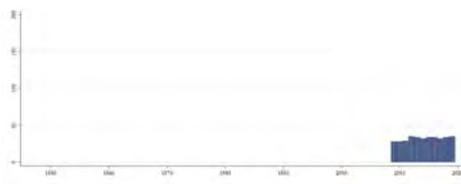
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.193 Employment in Knowledge-intensive services (Male) % total employment (eu\_sctkism)**

Employment in Knowledge-intensive services (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



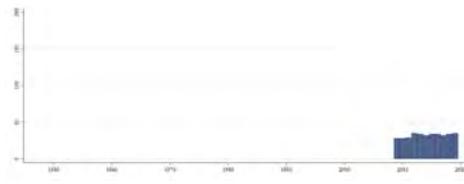
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.194 Employment in Knowledge-intensive market serv. (Female) % tot employ. (eu\_sctkismktothf)**

Employment in Knowledge-intensive market services (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



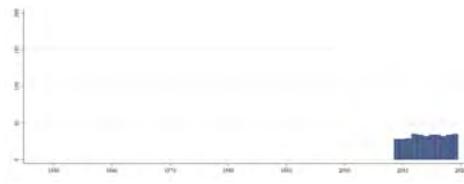
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.195 Employment in Knowledge-intensive market serv. (Male) % tot employ. (eu\_sctkismktothm)**

Employment in Knowledge-intensive market services (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



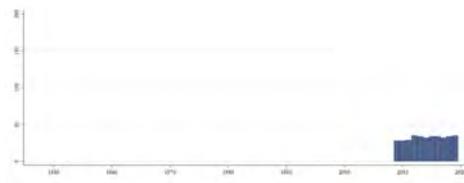
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.196 Employment in Knowledge-intensive market serv. (Total) % tot employ. (eu\_sctkismktoht)**

Employment in Knowledge-intensive market services (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



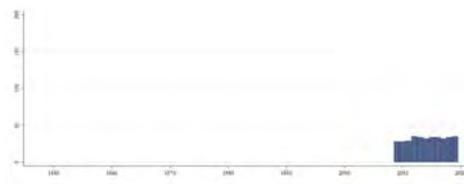
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.197 Employment in Other knowledge-intensive serv. (Female) % tot employment (eu\_sctkisothf)**

Employment in Other knowledge-intensive services (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



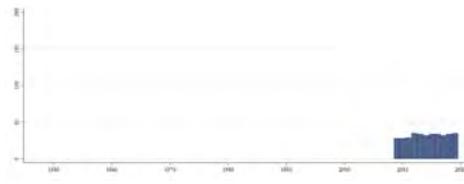
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.198 Employment in Other knowledge-intensive serv. (Male) % tot employment (eu\_sctkisothm)**

Employment in Other knowledge-intensive services (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



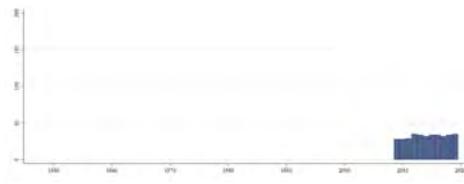
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.199 Employment in Other knowledge-intensive serv. (Total) % tot employment (eu\_sctkisoht)**

Employment in Other knowledge-intensive services (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



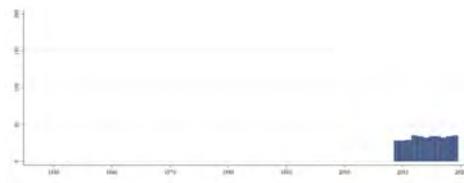
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.200 Employment in Knowledge-intensive services (Total) % tot employment (eu\_sctkist)**

Employment in Knowledge-intensive services (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



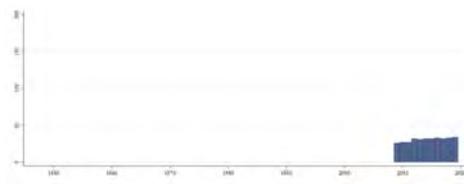
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.201 Employment in Financial and insurance activities (Male) % total employment (eu\_sctkm)**

Employment in Financial and insurance activities (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



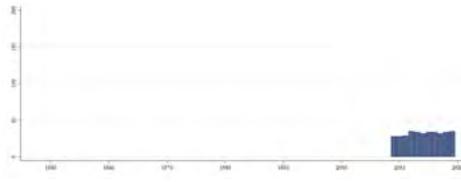
Min. Year:2009 Max. Year: 2019  
N: 35 n: 339  $\bar{N}$ : 31  $\bar{T}$ : 10

**4.32.202 Employment in Financial and insurance activities (Total) % total employment (eu\_sctkt)**

Employment in Financial and insurance activities (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



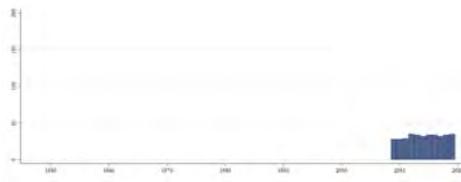
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.203 Employment in Less knowledge-intensive services (Female) % tot employment (eu\_sctlkisf)**

Employment in Less knowledge-intensive services (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



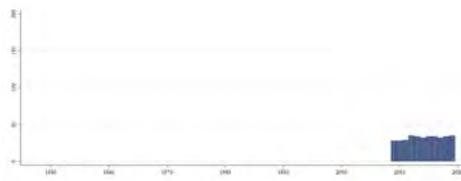
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.204 Employment in Less knowledge-intensive services (Male) % tot employment (eu\_sctlkism)**

Employment in Less knowledge-intensive services (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



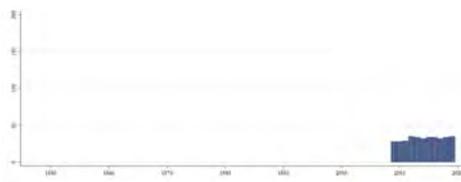
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.205 Employment in Less knowledge-intensive market serv. (Female) % tot emp. (eu\_sctlkismktf)**

Employment in Less knowledge-intensive market services (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



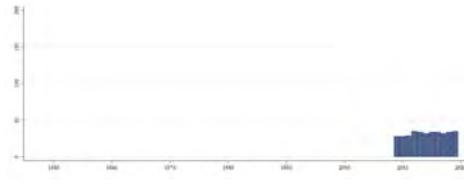
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.206 Employment in Less knowledge-intensive market serv. (Male) % tot emp. (eu\_sctlkismktm)**

Employment in Less knowledge-intensive market services (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



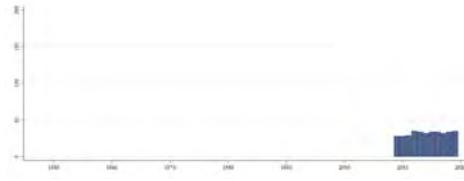
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.207 Employment in Less knowledge-intensive market serv. (Total) % tot emp. (eu\_sctlkismktt)**

Employment in Less knowledge-intensive market services (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



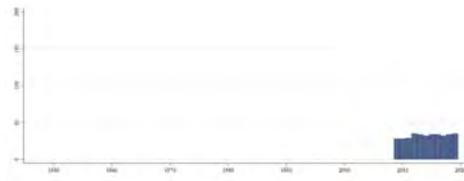
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.208 Employment in Other less knowledge-intensive serv. (Female) % tot emp. (eu\_sctlkisothf)**

Employment in Other less knowledge-intensive services (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



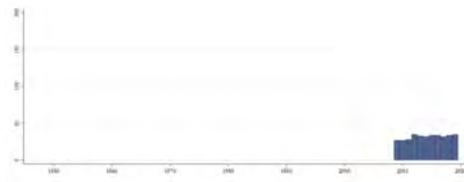
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.209 Employment in Other less knowledge-intensive serv. (Male) % tot emp. (eu\_sctlkisothm)**

Employment in Other less knowledge-intensive services (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



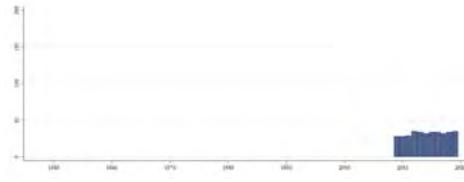
Min. Year:2009 Max. Year: 2019  
N: 35 n: 351  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.210 Employment in Other less knowledge-intensive serv. (Total) % tot emp. (eu\_sctlkisoht)**

Employment in Other less knowledge-intensive services (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



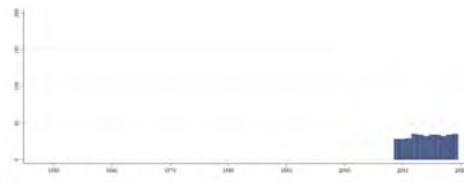
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.211 Employment in Less knowledge-intensive services (Total) % total employment (eu\_sctlkist)**

Employment in Less knowledge-intensive services (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



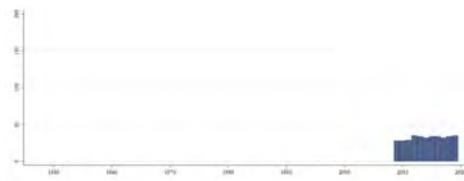
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.212 Employment in Professional, scientific and tech activ. (Female) % total emp. (eu\_sctmf)**

Employment in Professional, scientific and tech activities (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



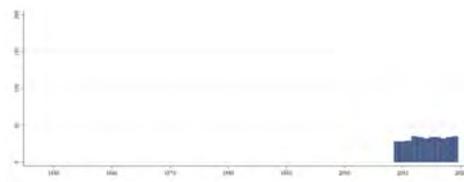
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.213 Employment in Professional, scientific and tech activ. (Male) % total emp. (eu\_sctmm)**

Employment in Professional, scientific and tech activities (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



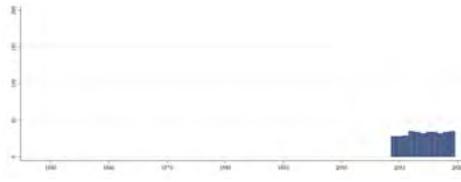
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.214 Employment in Professional, scientific and tech activ. (Total) % total emp. (eu\_sctmt)**

Employment in Professional, scientific and tech activities (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



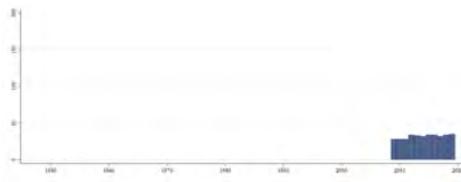
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.215 Employment in Administrative and support service activ. (Female) % total emp. (eu\_sctnf)**

Employment in Administrative and support service activities (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



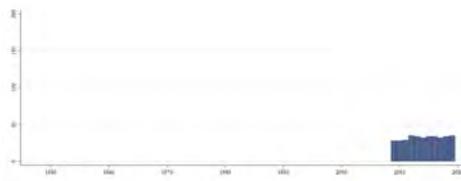
Min. Year:2009 Max. Year: 2019  
N: 35 n: 352  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.216 Employment in Administrative and support service activ. (Male) % total emp. (eu\_sctnm)**

Employment in Administrative and support service activities (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



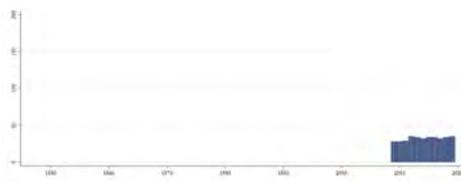
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.217 Employment in Administrative and support service activ. (Total) % total emp. (eu\_sctnt)**

Employment in Administrative and support service activities (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



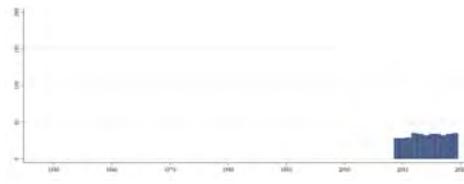
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.218 Employment in Education (Female) % total employment (eu\_sctpaf)**

Employment in Public administration; activities of extraterritorial organisations and bodies (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



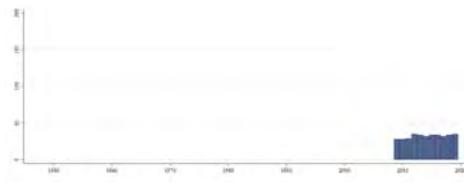
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.219 Employment in Education (Male) % total employment (eu\_sctpam)**

Employment in Public administration; activities of extraterritorial organisations and bodies (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



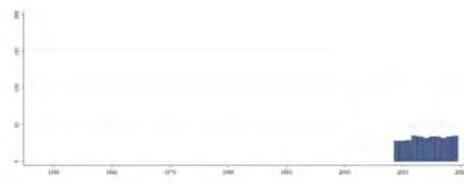
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.220 Employment in Education (Total) % total employment (eu\_sctpat)**

Employment in Public administration; activities of extraterritorial organisations and bodies (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



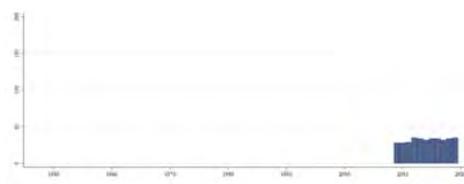
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.221 Employment in Education (Female) % total employment (eu\_sctpf)**

Employment in Education (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



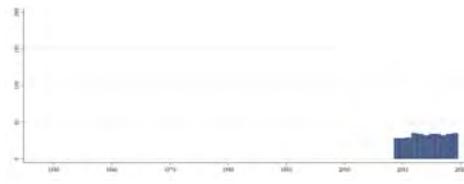
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.222 Employment in Education (Male) % total employment (eu\_sctpm)**

Employment in Education (Male) % total employment



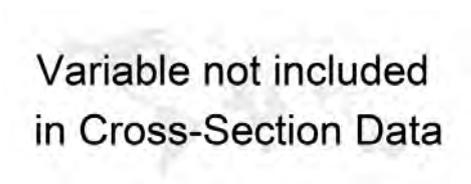
Min. Year:2017 Max. Year: 2018  
N: 35



Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

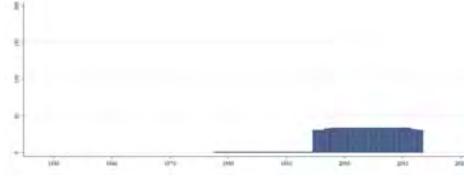
**4.32.223 Patent applications to the EPO, Purchasing Power Standard per inhabitant (eu\_sctppspop)**

Patent applications to the EPO, Purchasing Power Standard per inhabitant



Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



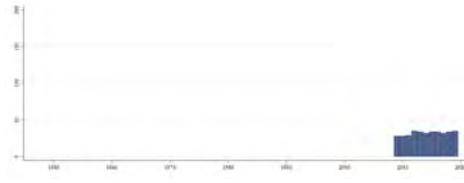
Min. Year:1978 Max. Year: 2013  
N: 34 n: 651  $\bar{N}$ : 18  $\bar{T}$ : 19

**4.32.224 Employment in Education (Total) % total employment (eu\_sctpt)**

Employment in Education (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



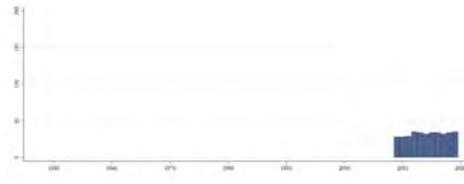
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.225 Employment in Human health and social work activities (Female) % total employ. (eu\_sctqf)**

Employment in Human health and social work activities (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



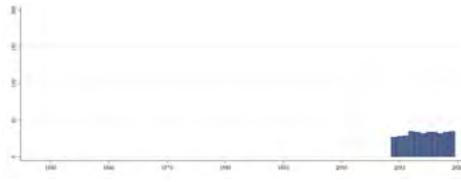
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.226 Employment in Human health and social work activities (Male) % tot employ. (eu\_sctqm)**

Employment in Human health and social work activities (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



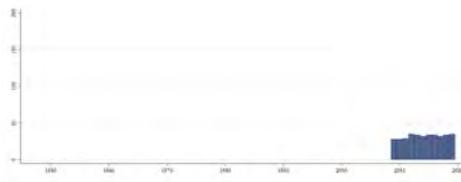
Min. Year:2009 Max. Year: 2019  
N: 35 n: 354  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.227 Employment in Human health and social work activities (Total) % tot employ. (eu\_sctqt)**

Employment in Human health and social work activities (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



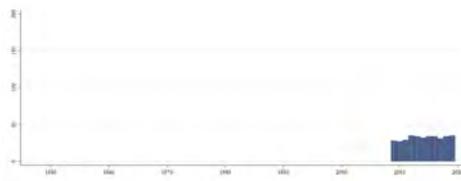
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.228 Employment in Arts, entertainment and recreation (Female) % total employment (eu\_sctrf)**

Employment in Arts, entertainment and recreation (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



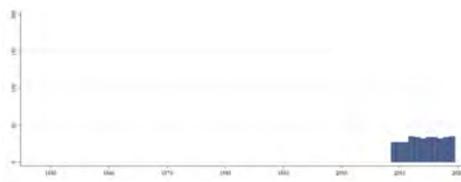
Min. Year:2009 Max. Year: 2019  
N: 35 n: 353  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.229 Employment in Arts, entertainment and recreation (Male) % total employment (eu\_sctrm)**

Employment in Arts, entertainment and recreation (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



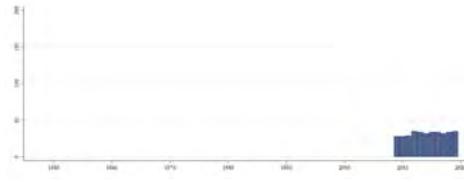
Min. Year:2009 Max. Year: 2019  
N: 35 n: 351  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.230 Employment in Arts, entertainment and recreation (Total) % total employment (eu\_sctrt)**

Employment in Arts, entertainment and recreation (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



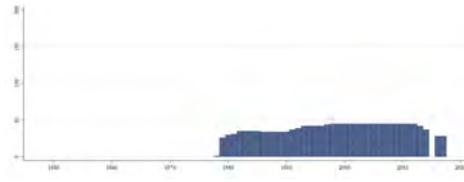
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

#### 4.32.231 Patent applications to the EPO, Per million inhabitants (eu\_sctrtotpmin)

Patent applications to the EPO, Per million inhabitants



Min. Year:2014 Max. Year: 2017  
N: 37



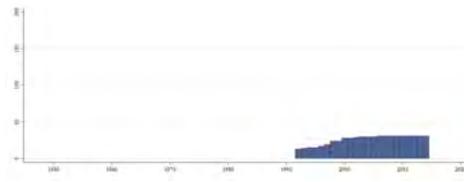
Min. Year:1978 Max. Year: 2017  
N: 46 n: 1496  $\bar{N}$ : 37  $\bar{T}$ : 33

#### 4.32.232 Patent applications to the EPO, Per million of active population (eu\_sctrtotpminapop)

Patent applications to the EPO, Per million of active population



Min. Year:2014 Max. Year: 2014  
N: 31



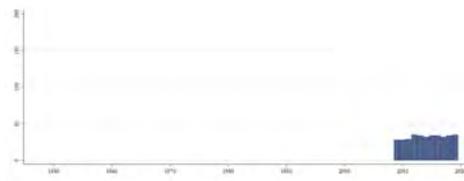
Min. Year:1992 Max. Year: 2014  
N: 31 n: 595  $\bar{N}$ : 26  $\bar{T}$ : 19

#### 4.32.233 Employment in Other service activities (Female) % total employment (eu\_sctsf)

Employment in Other service activities (Female) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



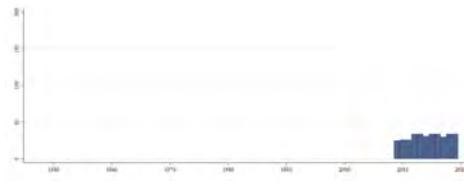
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

#### 4.32.234 Employment in Other service activities (Male) % total employment (eu\_sctsm)

Employment in Other service activities (Male) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



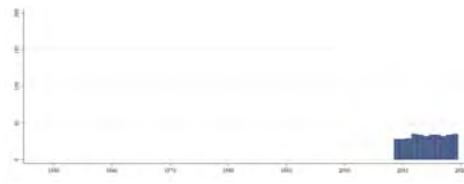
Min. Year:2009 Max. Year: 2019  
N: 35 n: 342  $\bar{N}$ : 31  $\bar{T}$ : 10

**4.32.235 Employment in Other service activities (Total) % total employment (eu\_sctst)**

Employment in Other service activities (Total) % total employment



Min. Year:2017 Max. Year: 2018  
N: 35



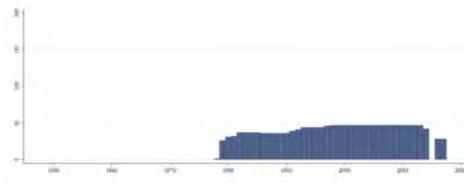
Min. Year:2009 Max. Year: 2019  
N: 35 n: 355  $\bar{N}$ : 32  $\bar{T}$ : 10

**4.32.236 Patent applications to the EPO, number (eu\_scttotn)**

Patent applications to the EPO, number



Min. Year:2014 Max. Year: 2017  
N: 45



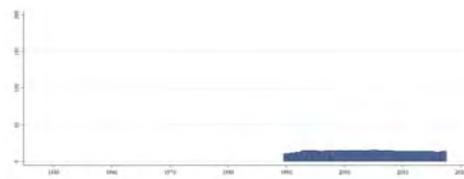
Min. Year:1978 Max. Year: 2017  
N: 48 n: 1570  $\bar{N}$ : 39  $\bar{T}$ : 33

**4.32.237 Navigable canals (kilometre) (eu\_trcnlkm)**

Navigable canals (kilometre)

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



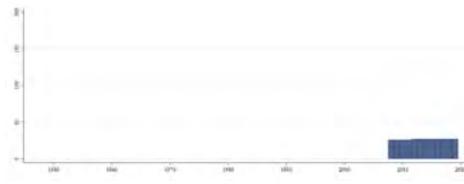
Min. Year:1990 Max. Year: 2017  
N: 17 n: 401  $\bar{N}$ : 14  $\bar{T}$ : 24

**4.32.238 Maritime transport, freight loaded and unloaded (1000's tonnes) (eu\_trfrldnld)**

Maritime transport, freight loaded and unloaded (1000's tonnes)



Min. Year:2017 Max. Year: 2017  
N: 27



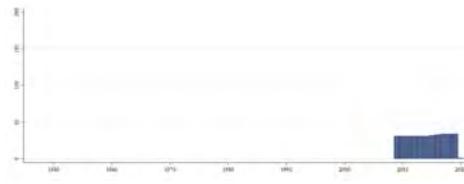
Min. Year:2008 Max. Year: 2019  
N: 27 n: 320  $\bar{N}$ : 27  $\bar{T}$ : 12

#### 4.32.239 Air transport, freight and mail loaded and unloaded (tonnes) (eu\_trldnld)

Air transport, freight and mail loaded and unloaded (tonnes)



Min. Year:2017 Max. Year: 2017  
N: 34



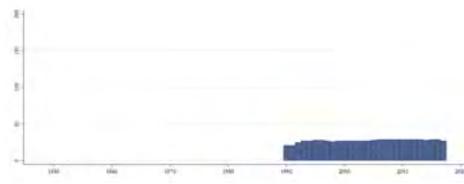
Min. Year:2009 Max. Year: 2020  
N: 34 n: 354  $\bar{N}$ : 30  $\bar{T}$ : 10

#### 4.32.240 Motorways (kilometre) (eu\_trmwaykm)

Motorways (kilometre)



Min. Year:2016 Max. Year: 2017  
N: 29



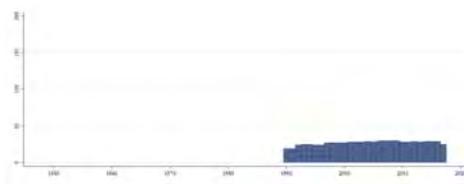
Min. Year:1990 Max. Year: 2017  
N: 31 n: 765  $\bar{N}$ : 27  $\bar{T}$ : 25

#### 4.32.241 Other roads (kilometre) (eu\_trrdothkm)

Other roads (kilometre)



Min. Year:2016 Max. Year: 2017  
N: 29



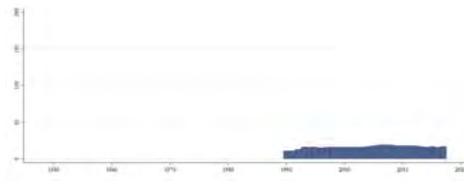
Min. Year:1990 Max. Year: 2017  
N: 33 n: 754  $\bar{N}$ : 27  $\bar{T}$ : 23

#### 4.32.242 Navigable rivers (kilometre) (eu\_trrivkm)

Navigable rivers (kilometre)



Min. Year:2017 Max. Year: 2017  
N: 17



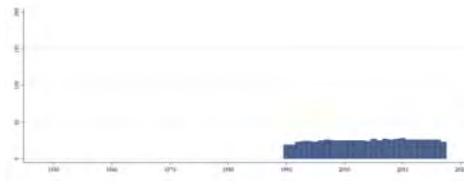
Min. Year:1990 Max. Year: 2017  
N: 21 n: 457  $\bar{N}$ : 16  $\bar{T}$ : 22

**4.32.243 Electrified railway lines (kilometre) (eu\_trrlelckm)**

Electrified railway lines (kilometre)



Min. Year:2016 Max. Year: 2017  
N: 26



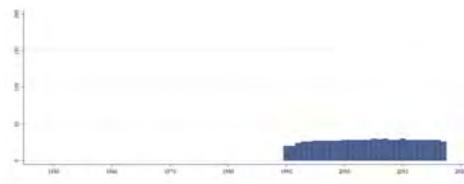
Min. Year:1990 Max. Year: 2017  
N: 31 n: 696  $\bar{N}$ : 25  $\bar{T}$ : 22

**4.32.244 Total railway lines (kilometre) (eu\_trrlkm)**

Total railway lines (kilometre)



Min. Year:2016 Max. Year: 2017  
N: 28



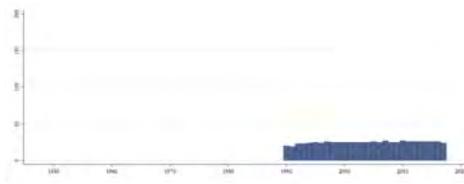
Min. Year:1990 Max. Year: 2017  
N: 32 n: 760  $\bar{N}$ : 27  $\bar{T}$ : 24

**4.32.245 Railway lines with double and more tracks (kilometre) (eu\_trrltge2km)**

Railway lines with double and more tracks (kilometre)



Min. Year:2016 Max. Year: 2017  
N: 26



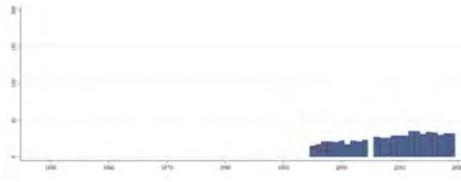
Min. Year:1990 Max. Year: 2017  
N: 31 n: 694  $\bar{N}$ : 25  $\bar{T}$ : 22

**4.32.246 Long-term unemployment 25+ years, female (% of unemployment) (eu\_un-emppcunef)**

Long-term unemployment 25+ years, female (% of unemployment)



Min. Year:2015 Max. Year: 2018  
N: 35



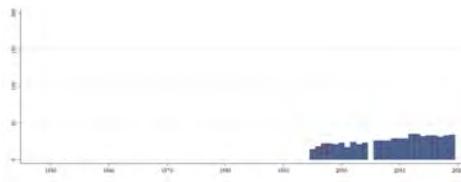
Min. Year:1995 Max. Year: 2019  
N: 35 n: 627  $\bar{N}$ : 25  $\bar{T}$ : 18

**4.32.247 Long-term unemployment 25+ years, male (% of unemployment) (eu\_unemppcunem)**

Long-term unemployment 25+ years, male (% of unemployment)



Min. Year:2014 Max. Year: 2018  
N: 35



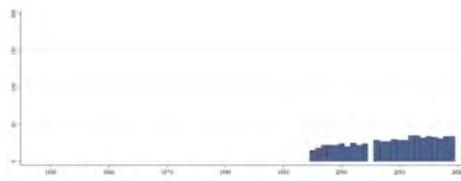
Min. Year:1995 Max. Year: 2019  
N: 35 n: 636  $\bar{N}$ : 25  $\bar{T}$ : 18

**4.32.248 Long-term unemployment 25+ years, total (% of unemployment) (eu\_unemppcunet)**

Long-term unemployment 25+ years, total (% of unemployment)



Min. Year:2017 Max. Year: 2018  
N: 35



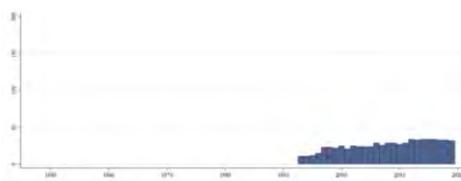
Min. Year:1995 Max. Year: 2019  
N: 35 n: 653  $\bar{N}$ : 26  $\bar{T}$ : 19

**4.32.249 Unemployment rates: 15-24 Years, Female (% of active population) (eu\_unempy1524f)**

Unemployment rates: 15 to 24 Years, Female (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



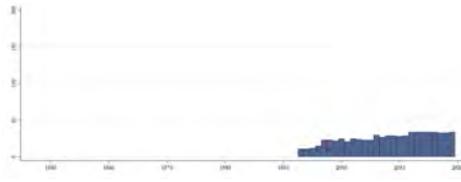
Min. Year:1993 Max. Year: 2019  
N: 35 n: 696  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.250 Unemployment rates: 15-24 Years, Male (% of active population) (eu\_unempy1524m)**

Unemployment rates: 15 to 24 Years, Male (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



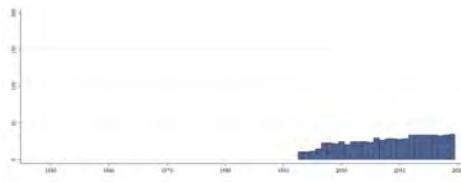
Min. Year:1993 Max. Year: 2019  
N: 35 n: 700  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.251 Unemployment rates: 15-24 Years, Total (% of active population) (eu\_unempy1524t)**

Unemployment rates: 15 to 24 Years, Total (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



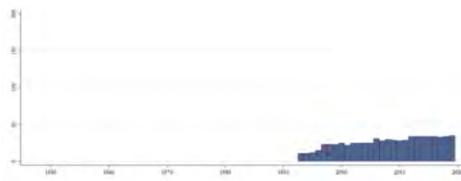
Min. Year:1993 Max. Year: 2019  
N: 35 n: 706  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.252 Unemployment rates: 25-74 Years, Female (% of active population) (eu\_unempy2574f)**

Unemployment rates: 25-74 Years, Female (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



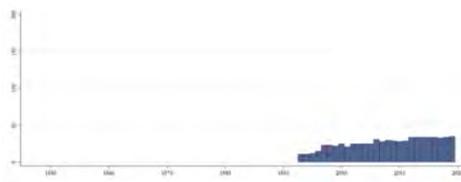
Min. Year:1993 Max. Year: 2019  
N: 35 n: 712  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.253 Unemployment rates: 25-74 Years, Male (% of active population) (eu\_unempy2574m)**

Unemployment rates: 25-74 Years, Male (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



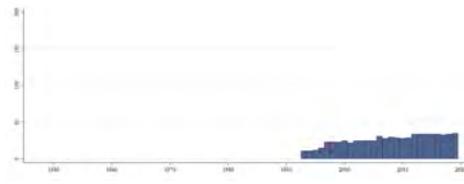
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.254 Unemployment rates: 25-74 Years, Total (% of active population) (eu\_unempy2574t)**

Unemployment rates: 25-74 Years, Total (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



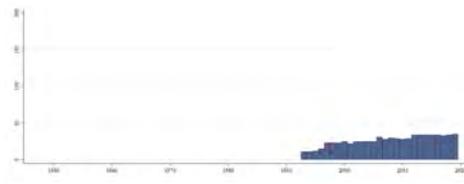
Min. Year:1993 Max. Year: 2019  
N: 35 n: 712  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.255 Unemployment rates: Total, Female (percentage of active population) (eu\_unempytotf)**

Unemployment rates: 15 to 74 Years, Female (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



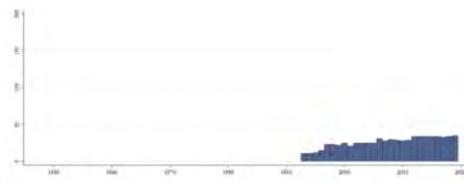
Min. Year:1993 Max. Year: 2019  
N: 35 n: 712  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.256 Unemployment rates: Total, Male (percentage of active population) (eu\_unempytotm)**

Unemployment rates: 15 to 74 Years, Male (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



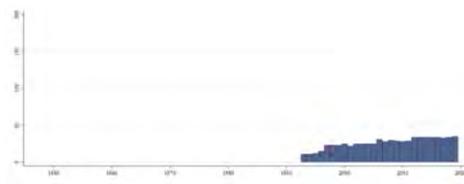
Min. Year:1993 Max. Year: 2019  
N: 35 n: 710  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.32.257 Unemployment rates: Total, Total (percentage of active population) (eu\_unempytott)**

Unemployment rates: 15 to 74 Years, Total (percentage of active population)



Min. Year:2017 Max. Year: 2018  
N: 35



Min. Year:1993 Max. Year: 2019  
N: 35 n: 712  $\bar{N}$ : 26  $\bar{T}$ : 20

**4.33 Emanuele, Angelucci, Marino, Puleo and Vegetti**

<http://www.vincenzoemanuele.com/dataset-of-electoral-volatility-in-ep-elections.html>  
(Emanuele et al., 2020)

(Data downloaded: 2020-11-26)

## Dataset of Electoral Volatility in the European Parliament elections since 1979

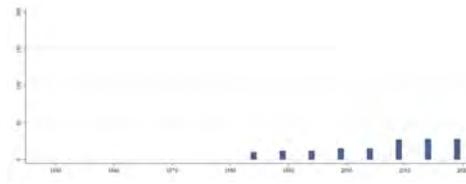
This dataset provides data on electoral volatility and its internal components in the elections for the European Parliament (EP) in all European Union (EU) countries since 1979 or the date of their accession to the Union. It also provides data about electoral volatility for both the class bloc and the demarcation bloc. This dataset will be regularly updated so as to include the next rounds of the European Parliament elections.

### 4.33.1 Electoral Volatility in the EP - Parties above 1% (evep\_altv)

Electoral volatility in the European Parliament, caused by vote switching between parties that enter or exit from the party system caused by vote switching between existing parties, namely parties receiving at least 1% of the national share in both elections under scrutiny.



Min. Year:2019 Max. Year: 2019  
N: 28



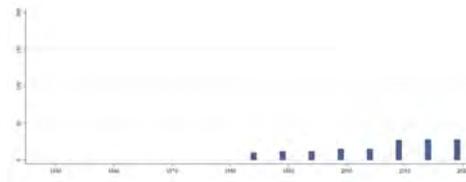
Min. Year:1984 Max. Year: 2019  
N: 29 n: 147  $\bar{N}$ : 4  $\bar{T}$ : 5

### 4.33.2 Net change in the agg. vote share for all parties in Class Bloc (EP) (evep\_classbloc)

Net change in the aggregate vote share for all parties included in the Class Bloc. For the definition of the class bloc and the identification of parties included in such bloc, the author relies on Bartolini and Mair (1990) and Bartolini (1983; 2000). This includes 'those parties which are the historical product of the structuring of the working-class movement' (Bartolini and Mair 1990 [2007], 46). Full list of parties in the class bloc can be found in the original codebook.



Min. Year:2019 Max. Year: 2019  
N: 28



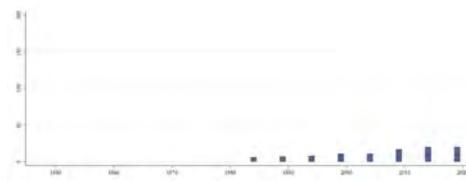
Min. Year:1984 Max. Year: 2019  
N: 29 n: 147  $\bar{N}$ : 4  $\bar{T}$ : 5

### 4.33.3 Net change in the agg. vote share for all parties in Demarcation Bloc (EP) (evep\_dembloc)

Net change in the aggregate vote share for all parties included in the Demarcation Bloc. Those political parties that defend anti-EU, anti-immigration and economically protectionist policies are included in the demarcation bloc. Full list of parties in the demarcation bloc can be found in the original codebook.



Min. Year:2019 Max. Year: 2019  
N: 20



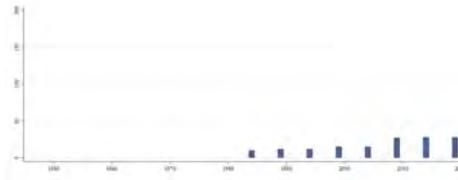
Min. Year:1984 Max. Year: 2019  
N: 20 n: 100  $\bar{N}$ : 3  $\bar{T}$ : 5

#### 4.33.4 Electoral Volatility in the EP - Parties below 1% (evep\_othv)

Electoral volatility in the European Parliament, caused by vote switching between parties falling below 1% of the national share in both the elections at time  $t$  and  $t+1$ . It is important to clarify that this category is not computed by aggregating the scores of each party falling below 1% and then comparing the overall sum at time  $t$  and  $t+1$ . Conversely, each party's volatility is counted separately - up to a specification of 0.1% - and then added to the calculation of evep\_othv. This choice has been made to avoid underestimation of Total Volatility but at the same time to maintain a distinction between parties above 1% and parties below 1% for the calculation of the two components of evep\_regv and evep\_altv.



Min. Year:2019 Max. Year: 2019  
N: 28



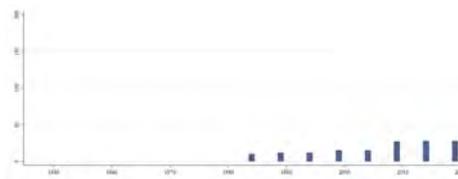
Min. Year:1984 Max. Year: 2019  
N: 29 n: 147  $\bar{N}$ : 4  $\bar{T}$ : 5

#### 4.33.5 Electoral Volatility in the EP - Parties entering/exiting party system (evep\_regv)

Electoral volatility in the European Parliament, caused by vote switching between parties that enter or exit from the party system. A party is considered as entering the party system where it receives at least 1% of the national share in election at time  $t+1$  (while it received less than 1% in election at time  $t$ ). Conversely, a party is considered as exiting the party system where it receives less than 1% in election at time  $t+1$  (while it received at least 1% in election at time  $t$ ).



Min. Year:2019 Max. Year: 2019  
N: 28



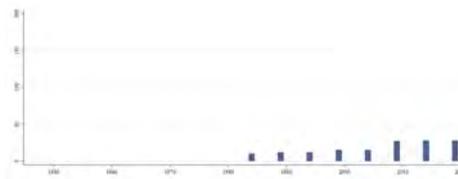
Min. Year:1984 Max. Year: 2019  
N: 29 n: 147  $\bar{N}$ : 4  $\bar{T}$ : 5

#### 4.33.6 Electoral Volatility in the EP - Total (evep\_tv)

Total electoral volatility in the party system, given by the sum of the previous measures:  $evep\_regv + evep\_altv + evep\_othv = evep\_tv$ .



Min. Year:2019 Max. Year: 2019  
N: 28



Min. Year:1984 Max. Year: 2019  
N: 29 n: 147  $\bar{N}$ : 4  $\bar{T}$ : 5

### 4.34 Food and Agricultural Organization of the United Nations

<http://www.fao.org/faostat/en/#home>

(Food and Agricultural Organization of the United Nations, 2020) (Food and Agricultural Organization of the United Nations, 2016)

(Data downloaded: 2020-10-26)

### Environmental Land Use Data

The FAOSTAT Land Use domain contains data on forty-seven categories of land use, irrigation and agricultural practices, relevant to monitor agriculture, forestry and fisheries activities at national, regional and global level.

Data are available by country and year, with global coverage and annual updates.

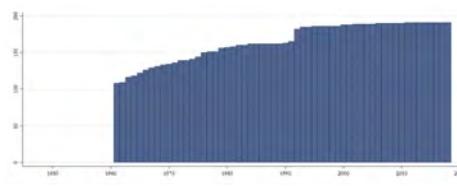
Note: Micronesia has been dropped due to duplicate cases.

#### 4.34.1 Agricultural land (% of Land area) (fao\_luagr)

Agricultural land (% of Land area)



Min. Year:2017 Max. Year: 2017  
N: 191



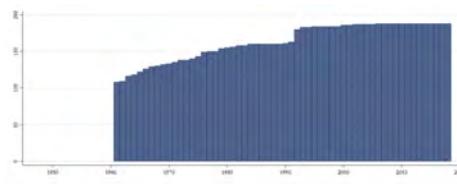
Min. Year:1961 Max. Year: 2018  
N: 204 n: 9560  $\bar{N}$ : 165  $\bar{T}$ : 47

#### 4.34.2 Arable Land (% of Agricultural land) (fao\_luagrara)

Arable Land (% of Agricultural land)



Min. Year:2017 Max. Year: 2017  
N: 188



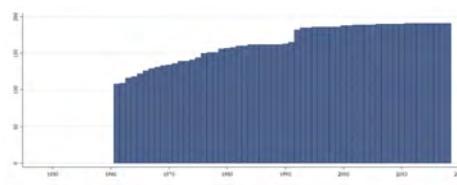
Min. Year:1961 Max. Year: 2018  
N: 201 n: 9461  $\bar{N}$ : 163  $\bar{T}$ : 47

#### 4.34.3 Cropland (% of Agricultural land) (fao\_luagrcrop)

Cropland (% of Agricultural land)



Min. Year:2017 Max. Year: 2017  
N: 191



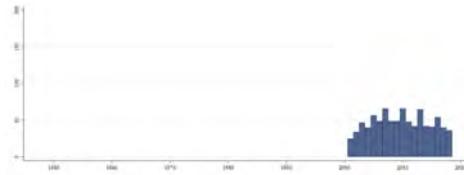
Min. Year:1961 Max. Year: 2018  
N: 204 n: 9560  $\bar{N}$ : 165  $\bar{T}$ : 47

#### 4.34.4 Agriculture area actually irrigated (% of Agricultural land) (fao\_luagrirrac)

Agriculture area actually irrigated (% of Agricultural land)



Min. Year:2014 Max. Year: 2018  
N: 69



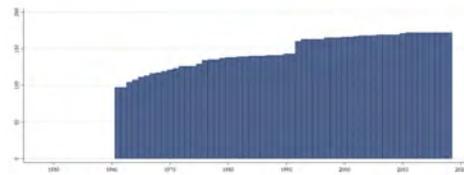
Min. Year:2001 Max. Year: 2018  
N: 110 n: 850  $\bar{N}$ : 47  $\bar{T}$ : 8

#### 4.34.5 Land area equipped for irrigation (% of Agricultural land) (fao\_luagirreq)

Land area equipped for irrigation (% of Agricultural land)



Min. Year:2017 Max. Year: 2017  
N: 172



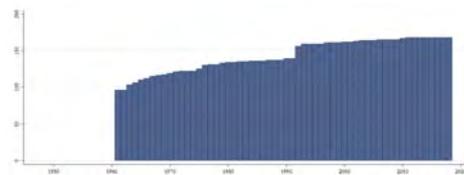
Min. Year:1961 Max. Year: 2018  
N: 185 n: 8489  $\bar{N}$ : 146  $\bar{T}$ : 46

#### 4.34.6 Land area equipped for irrigation (% of Cropland) (fao\_luagirreqcrop)

Land area equipped for irrigation (% of Cropland)



Min. Year:2017 Max. Year: 2017  
N: 168



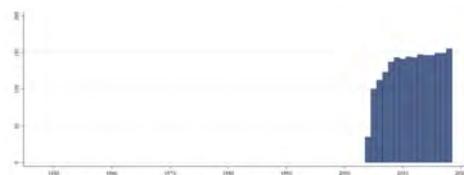
Min. Year:1961 Max. Year: 2018  
N: 181 n: 8287  $\bar{N}$ : 143  $\bar{T}$ : 46

#### 4.34.7 Agriculture area under organic agric. (% of Agricultural land) (fao\_luagrorg)

Agriculture area under organic agric. (% of Agricultural land)



Min. Year:2016 Max. Year: 2018  
N: 157



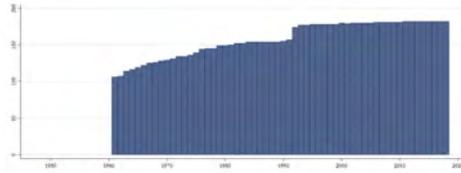
Min. Year:2004 Max. Year: 2018  
N: 161 n: 1970  $\bar{N}$ : 131  $\bar{T}$ : 12

#### 4.34.8 Land under perm meadows and pastures (% of Agricultural land) (fao\_luagrpas)

Land under perm meadows and pastures (% of Agricultural land)



Min. Year:2017 Max. Year: 2017  
N: 182



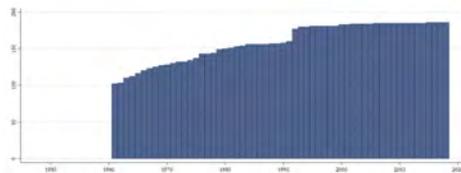
Min. Year:1961 Max. Year: 2018  
N: 196 n: 9146  $\bar{N}$ : 158  $\bar{T}$ : 47

#### 4.34.9 Land under Permanent Crops (% of Agricultural land) (fao\_luagrproc)

Land under Permanent Crops (% of Agricultural land)



Min. Year:2017 Max. Year: 2017  
N: 186



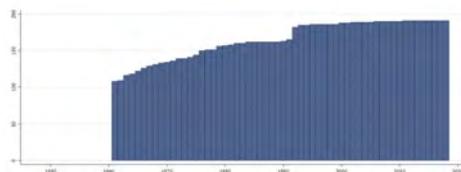
Min. Year:1961 Max. Year: 2018  
N: 199 n: 9227  $\bar{N}$ : 159  $\bar{T}$ : 46

#### 4.34.10 Cropland (% of Land area) (fao\_lucrop)

Cropland (% of Land area)



Min. Year:2017 Max. Year: 2017  
N: 191



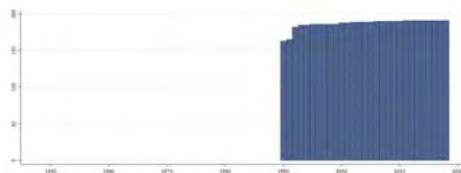
Min. Year:1961 Max. Year: 2018  
N: 204 n: 9560  $\bar{N}$ : 165  $\bar{T}$ : 47

#### 4.34.11 Forest land (% of Land area) (fao\_luforest)

Forest land (% of Land area)



Min. Year:2017 Max. Year: 2017  
N: 191



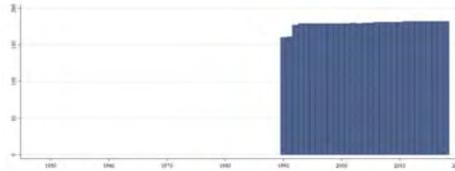
Min. Year:1990 Max. Year: 2018  
N: 198 n: 5420  $\bar{N}$ : 187  $\bar{T}$ : 27

#### 4.34.12 Planted Forest (% of Forest area) (fao\_luforplant)

Planted Forest (% of Forest area)



Min. Year:2017 Max. Year: 2017  
N: 182



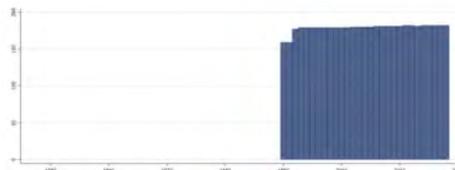
Min. Year:1990 Max. Year: 2018  
N: 189 n: 5189  $\bar{N}$ : 179  $\bar{T}$ : 27

#### 4.34.13 Other naturally regenerated forest (% of Forest area) (fao\_luforreg)

Other naturally regenerated forest (% of Forest area)



Min. Year:2017 Max. Year: 2017  
N: 182



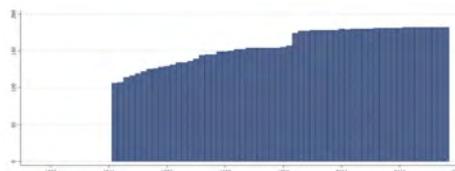
Min. Year:1990 Max. Year: 2018  
N: 189 n: 5186  $\bar{N}$ : 179  $\bar{T}$ : 27

#### 4.34.14 Land under perm meadows and pastures (% of Land area) (fao\_lupas)

Land under perm meadows and pastures (% of Land area)



Min. Year:2017 Max. Year: 2017  
N: 182



Min. Year:1961 Max. Year: 2018  
N: 196 n: 9146  $\bar{N}$ : 158  $\bar{T}$ : 47

### 4.35 James D. Fearon

<https://fearonresearch.stanford.edu/paperspublished/journal-articles-2/>

(Fearon, 2003)

(Data downloaded: 2020-09-02)

#### Ethnic and Cultural Diversity by Country

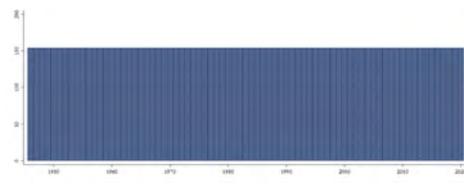
Used in the article Ethnic and Cultural Diversity by Country published in Journal of Economic Growth, containing data on 822 ethnic groups in 160 countries that made up at least 1 percent of the country population in the early 1990s. This data was last originally updated in 2003. For this compilation, QoG Data imputes the values from 2003 into 2019.

##### 4.35.1 Cultural Diversity (fe\_cultdiv)

This measure modifies fractionalization (fe\_etcra) so as to take some account of cultural distances between groups, measured as the structural distance between languages spoken by different groups in a country. If the groups in a country speak structurally unrelated languages, their cultural diversity index will be the same as their level of ethnic fractionalization (fe\_etcra). The more similar are the languages spoken by different ethnic groups, however, the more will this measure be reduced below the level of ethnic fractionalization for that country. The values are assumed to be constant for all years.



Min. Year:2017 Max. Year: 2017  
N: 153



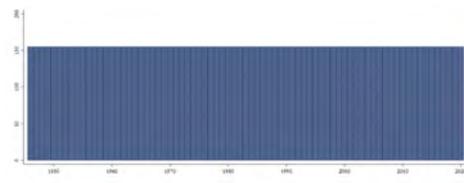
Min. Year:1946 Max. Year: 2020  
N: 154 n: 11550  $\bar{N}$ : 154  $\bar{T}$ : 75

#### 4.35.2 Ethnic Fractionalization (fe\_etfra)

Restricting attention to groups that had at least 1 percent of country population in the 1990s, Fearon identifies 822 ethnic and “ethnoreligious” groups in 160 countries. This variable reflects the probability that two randomly selected people from a given country will belong to different such groups. The variable thus ranges from 0 (perfectly homogeneous) to 1 (highly fragmented). The values are assumed to be constant for all years.



Min. Year:2017 Max. Year: 2017  
N: 154



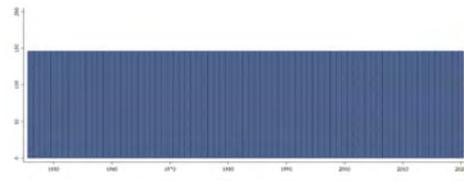
Min. Year:1946 Max. Year: 2020  
N: 155 n: 11625  $\bar{N}$ : 155  $\bar{T}$ : 75

#### 4.35.3 Largest Minority (fe\_lmin)

Based on the same set of groups, this variable reflects the population share of the second largest group (largest minority). The values are assumed to be constant for all years.



Min. Year:2017 Max. Year: 2017  
N: 145



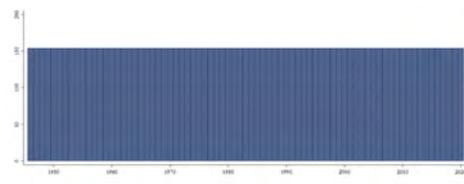
Min. Year:1946 Max. Year: 2020  
N: 146 n: 10950  $\bar{N}$ : 146  $\bar{T}$ : 75

#### 4.35.4 Plurality Group (fe\_plural)

Based on the same set of groups, this variable reflects the population share of the largest group (plurality group) in the country. The values are assumed to be constant for all years.



Min. Year:2017 Max. Year: 2017  
N: 153



Min. Year:1946 Max. Year: 2020  
N: 154 n: 11550  $\bar{N}$ : 154  $\bar{T}$ : 75

### 4.36 Fund for Peace

<https://fragilestatesindex.org/>  
(Haken et al., 2020)

(Data downloaded: 2020-09-23)

### Fragile States Index

The Fragile States Index (Failed States Index), produced by The Fund for Peace, is a critical tool in highlighting not only the normal pressures that all states experience, but also in identifying when those pressures are pushing a state towards the brink of failure. By highlighting pertinent issues in weak and failing states, the FSI - and the social science framework and software application upon which it is built - makes political risk assessment and early warning of conflict accessible to policy-makers and the public at large.

The strength of the FSI is its ability to distill millions of pieces of information into a form that is relevant as well as easily digestible and informative. Daily, The Fund for Peace collects thousands of reports and information from around the world, detailing the existing social, economic and political pressures faced by each of the 178 countries that we analyze.

The FSI is based on The Fund for Peace's proprietary Conflict Assessment Software Tool (CAST) analytical platform. Based on comprehensive social science methodology, data from three primary sources is triangulated and subjected to critical review to obtain final scores for the FSI. Millions of documents are analyzed every year. By applying highly specialized search parameters, scores are apportioned for every country based on twelve key political, social and economic indicators (which in turn include over 100 sub-indicators) that are the result of years of painstaking expert social science research. The Fund for Peace's software performs content analysis on this collected information.

Through sophisticated search parameters and algorithms, the CAST software separates the relevant data from the irrelevant. Guided by twelve primary social, economic and political indicators (each split into an average of 14 sub-indicators), the CAST software analyzes the collected information using specialized search terms that flag relevant items. Using various algorithms, this analysis is then converted into a score representing the significance of each of the various pressures for a given country. The content analysis is further triangulated with two other key aspects of the overall assessment process: quantitative analysis and qualitative inputs based on major events in the countries examined.

The scores produced by The Fund for Peace's software are then compared with a comprehensive set of vital statistics - as well as human analysis - to ensure that the software has not misinterpreted the raw data. Though the basic data underpinning the Failed States Index is already freely and widely available electronically, the strength of the analysis is in the methodological rigor and the systematic integration of a wide range of data sources.

Note: the principal of data timing was changed. Data from reports correspond to the situation from the previous year. The 2020 Fragile States Index, comprises data collected between January 1, 2019, and December 31, 2019. Therefore data from Report 2020 is recorded for 2019 and the same logic works for all other years.

#### 4.36.1 Demographic Pressure (ffp\_dp)

Demographic Pressure - Pressures on the population such as disease and natural disasters make it difficult for the government to protect its citizens or demonstrate a lack of capacity or will. Includes pressures and measures related to natural disasters, disease, environment, pollution, food scarcity, malnutrition, water scarcity, population growth, youth bulge, mortality.



Min. Year:2017 Max. Year: 2017  
N: 177



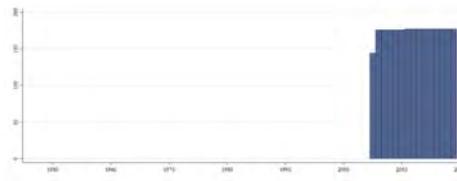
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.2 Economic Decline (ffp\_eco)

Economic Decline Indicator - It considers factors related to economic decline within a country. For example, the Indicator looks at patterns of progressive economic decline of the society as a whole as measured by per capita income, Gross National Product, unemployment rates, inflation, productivity, debt, poverty levels, or business failures. It also takes into account sudden drops in commodity prices, trade revenue, or foreign investment, and any collapse or devaluation of the national currency. The Economic Decline Indicator further considers the responses to economic conditions and their consequences, such as extreme social hardship imposed by economic austerity programs, or perceived increasing group inequalities. The Economic Decline Indicator is focused on the formal economy - as well as illicit trade, including the drug and human trafficking, and capital flight, or levels of corruption and illicit transactions such as money laundering or embezzlement.



Min. Year:2017 Max. Year: 2017  
N: 177



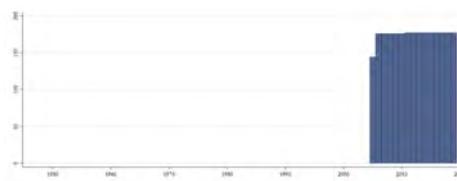
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.3 External Intervention (ffp\_ext)

External Intervention - When the state fails to meet its international or domestic obligations, external actors may intervene to provide services or to manipulate internal affairs. Includes pressures and measures related to foreign assistance, presence of peacekeepers, presence of UN missions, foreign military intervention, sanctions, credit rating.



Min. Year:2017 Max. Year: 2017  
N: 177



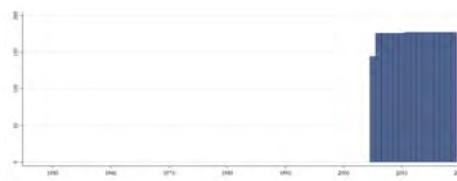
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.4 Factionalized Elites (ffp\_fe)

Factionalized Elites - When local and national leaders engage in deadlock and brinkmanship for political gain, this undermines the social contract. Includes pressures and measures related to power struggles, defectors, flawed elections, political competition.



Min. Year:2017 Max. Year: 2017  
N: 177



Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.5 Fragile States Index (ffp\_fsi)

Fragile States Index (The Failed States Index) includes an examination of the pressures on states, their vulnerability to internal conflict and societal deterioration. The country ratings are based on the total scores of 12 indicators:

#### Social Indicators

1. Mounting Demographic Pressures
2. Massive Movement of Refugees or Internally Displaced Persons creating Complex Humanitarian Emergencies
3. Legacy of Vengeance-Seeking Group Grievance or Group Paranoia
4. Chronic and Sustained Human Flight.

#### Economic Indicators

5. Uneven Economic Development along Group Lines
6. Sharp and/or Severe Economic Decline

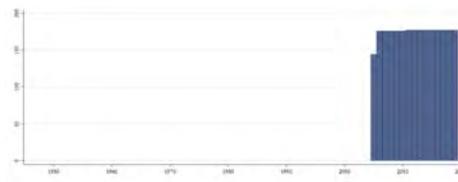
#### Political Indicators

7. Criminalization and/or Delegitimization of the State
8. Progressive Deterioration of Public Services
9. Suspension or Arbitrary Application of the Rule of Law and Widespread Violation of Human Rights
10. Security Apparatus Operates as a “State Within a State”
11. Rise of Factionalized Elites
12. Intervention of Other States or External Political Actors.

For each indicator, the ratings are placed on a scale of 0 to 10, with 0 being the lowest intensity (most stable) and 10 being the highest intensity (least stable). The total score is the sum of the 12 indicators and is on a scale of 0-120.



Min. Year:2017 Max. Year: 2017  
N: 177



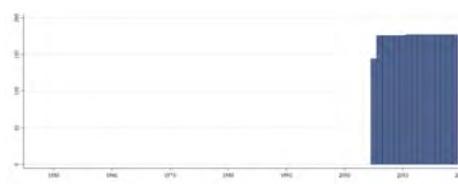
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.6 Group Grievance (ffp\_gg)

Group Grievance - When tension and violence exists between groups, the state’s ability to provide security is undermined and fear and further violence may ensue. Includes pressures and measures related to discrimination, powerlessness, ethnic violence, communal violence, sectarian violence, religious violence.



Min. Year:2017 Max. Year: 2017  
N: 177



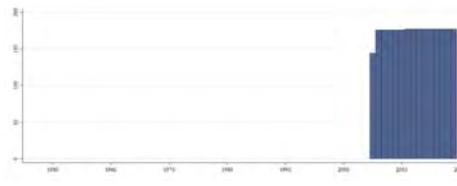
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.7 Human Flight and Brain Drain (ffp\_hf)

Human Flight and Brain Drain - When there is little opportunity, people migrate, leaving a vacuum of human capital. Those with resources also often leave before, or just as, conflicts erupts. Includes pressures and measures related to migration per capita, human capital, emigration of educated population.



Min. Year:2017 Max. Year: 2017  
N: 177



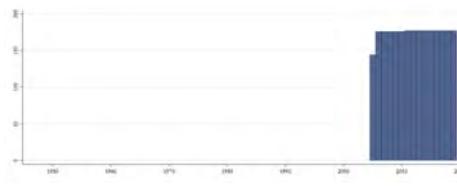
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.8 Human Rights and Rule of Law (ffp\_hr)

Human Rights and Rule of Law - When human rights are violated or unevenly protected, the state is failing in its ultimate responsibility. Includes pressures and measures related to press freedom, civil liberties, political freedoms, human trafficking, political prisoners, incarceration, religious persecution, torture, executions.



Min. Year:2017 Max. Year: 2017  
N: 177



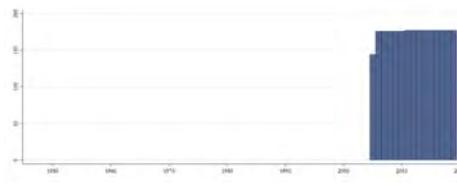
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.9 Public Services (ffp\_ps)

Public Services - The provision of health, education, and sanitation services, among others, are key roles of the state. Includes pressures and measures related to policing, criminality, education provision, literacy, water and sanitation, infrastructure, quality healthcare, telephony, internet access, energy reliability, roads.



Min. Year:2017 Max. Year: 2017  
N: 177



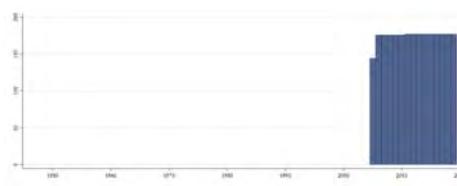
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.10 Refugees and IDPs (ffp\_ref)

Refugees and IDPs - Pressures associated with population displacement. This strains public services and has the potential to pose a security threat. Includes pressures and measures related to displacement, refugee camps, IDP camps, disease related to displacement, refugees per capita, IDPs per capita, absorption capacity.



Min. Year:2017 Max. Year: 2017  
N: 177



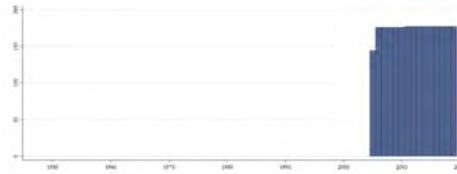
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.11 Security Apparatus (ffp\_sec)

Security Apparatus - The security apparatus should have monopoly on the use of legitimate force. The social contract is weakened where this is affected by competing groups. Includes pressures and measures related to internal conflict, small arms proliferation, riots and protests, fatalities from conflict, military coups, rebel activity, militancy, bombings, political prisoners.



Min. Year:2017 Max. Year: 2017  
N: 177



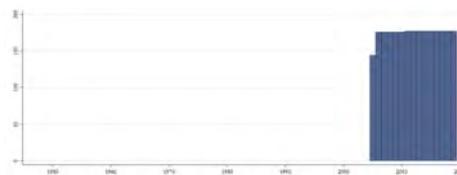
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.12 State Legitimacy (ffp\_sl)

State Legitimacy - Corruption and lack of representativeness in the government directly undermine the social contract. Includes pressures and measures related to corruption, government effectiveness, political participation, electoral process, level of democracy, illicit economy, drug trade, protests and demonstrations, power struggles.



Min. Year:2017 Max. Year: 2017  
N: 177



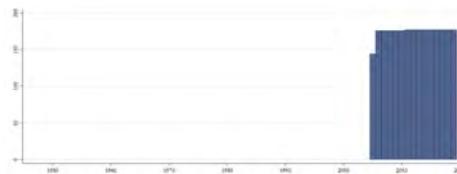
Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.36.13 Uneven Economic Development (ffp\_ued)

Uneven Economic Development - When there are ethnic, religious, or regional disparities, the governed tend to be uneven in their commitment to the social contract. Includes pressures and measures related to GINI coefficient, income share of highest 10%, income share of lowest 10%, urban-rural service distribution, access to improved services, slum population.



Min. Year:2017 Max. Year: 2017  
N: 177



Min. Year:2005 Max. Year: 2019  
N: 178 n: 2617  $\bar{N}$ : 174  $\bar{T}$ : 15

### 4.37 Fraser Institute

<https://www.fraserinstitute.org/economic-freedom/dataset>  
(Gwartney et al., 2020)  
(Data downloaded: 2020-09-24)

## Economic Freedom of the World Dataset

The index published in Economic Freedom of the World measures the degree to which the policies and institutions of countries are supportive of economic freedom. The cornerstones of economic freedom are personal choice, voluntary exchange, freedom to enter markets and compete, and security of the person and privately owned property. The EFW index now ranks 159 countries and territories. Data are available for approximately 100 nations and territories back to 1980, and many back to 1970. This data set makes it possible for scholars to analyze the impact of both cross-country differences in economic freedom and changes in that freedom across a time frame of three and a half decades.

For a consistent time-series for a particular country and/or longitudinal data for a panel of countries, the Fraser Institute previously developed and reported a chain-linked version of the index. One of the problems with the chain-linked index was that it was limited to just the 123 countries that were available in the chain-link's "base year" of 2000. With this year's report, the Institute is replacing the chain-linked index with the EFW Panel Dataset, which reports area and summary ratings for all countries for which we have a regular EFW index score in any given year.

The EFW Panel Dataset adjusts the regular EFW index in two ways. (1) From the most-recent year annually back to 2000, whenever possible, any missing data is estimated by autoregressively "backcasting" the data, meaning the actual values are used in later years to estimate the missing values for earlier years. For example, if a country is missing a data value for a particular component from 2000-2004, this method estimates the missing 2000-2004 values based on data available in 2005 and thereafter. This approach allows to have area and summary ratings for up to the entire 159 countries in the EFW index. (2) For 1970, 1975, 1980, 1985, 1990, and 1995, the index is chain-linked as described in previous editions. That is, using 2000 as the base year, changes in a country's scores backward in time are based only on changes in components that were present in adjoining years. It should be noted that the EFW Panel Dataset contains area and summary ratings only for those years in which the country received a regular EFW index rating.

### 4.37.1 Freedom to Trade Internationally (current) (fi\_ftradeint)

The index ranges from 0-10 where 0 corresponds to "increasing tax rate on international trade", "slow import or export process", "small trade sectors relative to the population and geographic size", "exchange rate controls are present and a black-market exists", and "restrictions on the freedom of citizens to engage in capital market exchange with foreigners" and 10 corresponds to "no specific taxes on international trade", "swift import or export process", "large trade sectors relative to the population and geographic size", "no black-market exchange rate", and "no restrictions on the freedom of citizens to engage in capital market exchange with foreigners". The index consists of the following indicators: Taxes on international trade, Regulatory trade barriers, Actual size of trade sector compared to expected size, Difference between official exchange rate and black market rate International capital market controls.



Min. Year:2017 Max. Year: 2017  
N: 161



Min. Year:1970 Max. Year: 2018  
N: 164 n: 3331  $\bar{N}$ : 68  $\bar{T}$ : 20

### 4.37.2 Freedom to Trade Internationally (panel data) (fi\_ftradeint\_pd)

The index ranges from 0-10 where 0 corresponds to "increasing tax rate on international trade", "slow import or export process", "small trade sectors relative to the population and geographic size", "exchange rate controls are present and a black-market exists", and "restrictions on the freedom of citizens to engage in capital market exchange with foreigners" and 10 corresponds to "no specific taxes on international trade", "swift import or export process", "large trade sectors relative to the population and geographic size", "no black-market exchange rate", and "no restrictions on the freedom of citizens

to engage in capital market exchange with foreigners”. The index consists of the following indicators: Taxes on international trade, Regulatory trade barriers, Actual size of trade sector compared to expected size, Difference between official exchange rate and black market rate International capital market controls. Panel-data adjusted.



Min. Year:2017 Max. Year: 2017  
N: 161



Min. Year:1970 Max. Year: 2018  
N: 164 n: 3300  $\bar{N}$ : 67  $\bar{T}$ : 20

#### 4.37.3 Economic Freedom of the World Index (current) (fi\_index)

The index is founded upon objective components that reflect the presence (or absence) of economic freedom. The index comprises 21 components designed to identify the consistency of institutional arrangements and policies with economic freedom in five major areas: size of government (fi\_sog), legal structure and security of property rights (fi\_legprop), access to sound money (fi\_sm), freedom to trade internationally (fi\_ftradeint), regulation of credit, labor and business (fi\_reg). The index ranges from 0-10 where 0 corresponds to “less economic freedom” and 10 to “more economic freedom”. This is the version of the index published at the current year of measurement, without taking methodological changes over time into account.



Min. Year:2017 Max. Year: 2017  
N: 161



Min. Year:1970 Max. Year: 2018  
N: 164 n: 3371  $\bar{N}$ : 69  $\bar{T}$ : 21

#### 4.37.4 Economic Freedom of the World Index (panel data) (fi\_index\_pd)

The index is founded upon objective components that reflect the presence (or absence) of economic freedom. The index ranges from 0-10 where 0 corresponds to “less economic freedom” and 10 to “more economic freedom”. Panel-data adjusted.



Min. Year:2017 Max. Year: 2017  
N: 161



Min. Year:1970 Max. Year: 2018  
N: 164 n: 3339  $\bar{N}$ : 68  $\bar{T}$ : 20

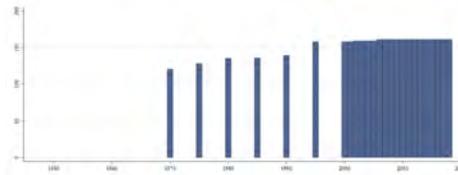
#### 4.37.5 Legal Structure and Security of Property Rights (current) (fi\_legprop)

The index ranges from 0-10 where 0 corresponds to “no judicial independence”, “no trusted legal framework exists”, “no protection of intellectual property”, “military interference in rule of law”, and “no integrity of the legal system” and 10 corresponds to “high judicial independence”, “trusted legal framework exists”, “protection of intellectual property”, “no military interference in rule of law”, and “integrity of the legal system”. The index consists of the following indicators: Judicial independence: The judiciary is independent and not subject to interference by the government or parties in dispute, Impartial courts: A trusted legal framework exists for private businesses to challenge the legality of

government actions or regulations, Protection of intellectual property, Military interference in rule of law and the political process, Integrity of the legal system.



Min. Year:2017 Max. Year: 2017  
N: 161



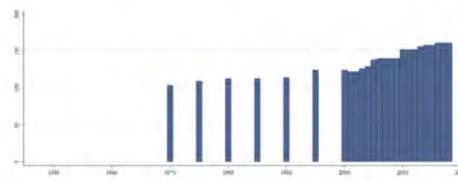
Min. Year:1970 Max. Year: 2018  
N: 166 n: 3861  $\bar{N}$ : 79  $\bar{T}$ : 23

#### 4.37.6 Legal Structure and Security of Property Rights (panel data) (fi\_legprop\_pd)

The index ranges from 0-10 where 0 corresponds to “no judicial independence”, “no trusted legal framework exists”, “no protection of intellectual property”, “military interference in rule of law”, and “no integrity of the legal system” and 10 corresponds to “high judicial independence”, “trusted legal framework exists”, “protection of intellectual property”, “no military interference in rule of law”, and “integrity of the legal system”. The index consists of the following indicators: Judicial independence: The judiciary is independent and not subject to interference by the government or parties in dispute, Impartial courts: A trusted legal framework exists for private businesses to challenge the legality of government actions or regulations, Protection of intellectual property, Military interference in rule of law and the political process, Integrity of the legal system. Panel-data adjusted.



Min. Year:2017 Max. Year: 2017  
N: 161



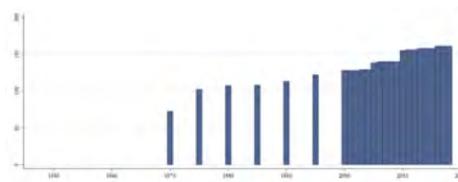
Min. Year:1970 Max. Year: 2018  
N: 164 n: 3406  $\bar{N}$ : 70  $\bar{T}$ : 21

#### 4.37.7 Regulation of Credit, Labor and Business (current) (fi\_reg)

The index ranges from 0-10 where 0 corresponds to “low percentage of deposits held in privately owned banks”, “high foreign bank license denial rate”, “private sector’s share of credit is close to the base-year-minimum”, “deposit and lending rates is fixed by the government and real rates is persistently negative”, “high impact of minimum wage”, “widespread use of price controls throughout various sectors of the economy”, and “starting a new business is generally complicated” and 10 corresponds to “high percentage of deposits held in privately owned banks”, “low foreign bank license denial rate”, “private sector’s share of credit is close to the base-year-maximum”, “interest rates is determined primarily by market forces and the real rates is positive”, “low impact of minimum wage”, “no price controls or marketing boards”, and “starting a new business is generally easy”. The index consists of the following indicators: Credit Market Regulations, Labor Market Regulations, Business Regulations.



Min. Year:2017 Max. Year: 2017  
N: 161



Min. Year:1970 Max. Year: 2018  
N: 164 n: 3389  $\bar{N}$ : 69  $\bar{T}$ : 21

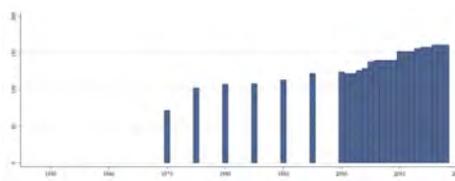
#### 4.37.8 Regulation of Credit, Labor and Business (panel data) (fi\_reg\_pd)

The index ranges from 0-10 where 0 corresponds to “low percentage of deposits held in privately owned banks”, “high foreign bank license denial rate”, “private sector’s share of credit is close to the base-

year-minimum”, “deposit and lending rates is fixed by the government and real rates is persistently negative”, “high impact of minimum wage”, “widespread use of price controls throughout various sectors of the economy”, and “starting a new business is generally complicated” and 10 corresponds to “high percentage of deposits held in privately owned banks”, “low foreign bank license denial rate”, “private sector’s share of credit is close to the base-year-maximum”, “interest rates is determined primarily by market forces and the real rates is positive”, “low impact of minimum wage”, “no price controls or marketing boards”, and “starting a new business is generally easy”. The index consists of the following indicators: Credit Market Regulations, Labor Market Regulations, Business Regulations. Panel-data adjusted.



Min. Year:2017 Max. Year: 2017  
N: 161



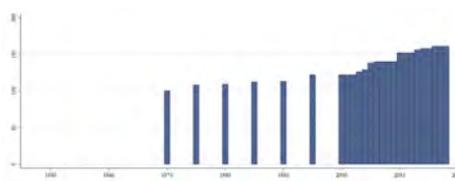
Min. Year:1970 Max. Year: 2018  
N: 164 n: 3356  $\bar{N}$ : 68  $\bar{T}$ : 20

#### 4.37.9 Access to Sound Money (current) (fi\_sm)

The index ranges from 0-10 where 0 corresponds to “high annual money growth”, “high variation in the annual rate of inflation”, “high inflation rate”, and “restricted foreign currency bank accounts” and 10 corresponds to “low annual money growth”, “low or no variation in the annual rate of inflation”, “low inflation rate”, and “foreign currency bank accounts are permissible without restrictions”. The index consists of the following indicators: Average annual growth of the money supply in the last five years minus average annual growth of real GDP in the last ten years, Standard inflation variability in the last five years, Recent inflation rate, Freedom to own foreign currency bank accounts domestically and abroad.



Min. Year:2017 Max. Year: 2017  
N: 161



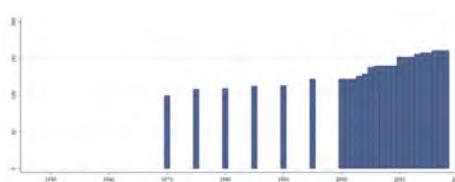
Min. Year:1970 Max. Year: 2018  
N: 164 n: 3394  $\bar{N}$ : 69  $\bar{T}$ : 21

#### 4.37.10 Access to Sound Money (chain\_linked) (fi\_sm\_pd)

The index ranges from 0-10 where 0 corresponds to “high annual money growth”, “high variation in the annual rate of inflation”, “high inflation rate”, and “restricted foreign currency bank accounts” and 10 corresponds to “low annual money growth”, “low or no variation in the annual rate of inflation”, “low inflation rate”, and “foreign currency bank accounts are permissible without restrictions”. The index consists of the following indicators: Average annual growth of the money supply in the last five years minus average annual growth of real GDP in the last ten years, Standard inflation variability in the last five years, Recent inflation rate, Freedom to own foreign currency bank accounts domestically and abroad. Panel-data adjusted.



Min. Year:2017 Max. Year: 2017  
N: 161



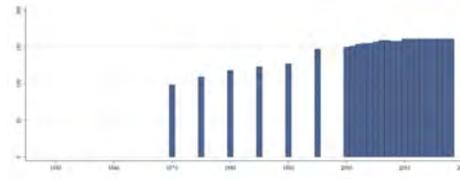
Min. Year:1970 Max. Year: 2018  
N: 164 n: 3393  $\bar{N}$ : 69  $\bar{T}$ : 21

#### 4.37.11 Size of Government: Expenditures, Taxes and Enterprises (current) (fi\_sog)

The index ranges from 0-10 where 0 corresponds to “large general government consumption”, “large transfer sector”, “many government enterprises”, and “high marginal tax rates and low income thresholds”, and 10 to “small general government consumption”, “small transfer sector”, “few government enterprises”, and “low marginal tax rates and high income thresholds”. The index consists of the following indicators: General government consumption spending as a percentage of total consumption, Transfers and subsidies as a percentage of GDP, Government enterprises and investment as a percentage of total investment, Top marginal tax rate (and income threshold to which it applies).



Min. Year:2017 Max. Year: 2017  
N: 161



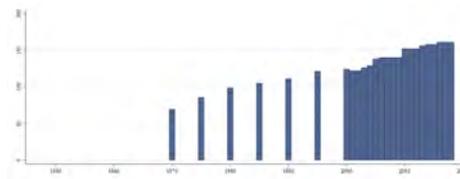
Min. Year:1970 Max. Year: 2018  
N: 166 n: 3727  $\bar{N}$ : 76  $\bar{T}$ : 22

#### 4.37.12 Size of Government: Expenditures, Taxes and Enterprises (panel data) (fi\_sog\_pd)

The index ranges from 0-10 where 0 corresponds to “large general government consumption”, “large transfer sector”, “many government enterprises”, and “high marginal tax rates and low income thresholds”, and 10 to “small general government consumption”, “small transfer sector”, “few government enterprises”, and “low marginal tax rates and high income thresholds”. The index consists of the following indicators: General government consumption spending as a percentage of total consumption, Transfers and subsidies as a percentage of GDP, Government enterprises and investment as a percentage of total investment, Top marginal tax rate (and income threshold to which it applies). Panel-data adjusted.



Min. Year:2017 Max. Year: 2017  
N: 161



Min. Year:1970 Max. Year: 2018  
N: 163 n: 3323  $\bar{N}$ : 68  $\bar{T}$ : 20

### 4.38 Guillén and Capron

<https://whartonmgmt.wufoo.com/forms/guillencapron-shareholder-protections-index/>  
(Guillen & Capron, 2016)  
(Data downloaded: 2020-09-30)

#### State Capacity, Minority Shareholder Protections, and Stock Market Development

A longitudinal dataset on the adoption of minority shareholders’ legal protections and the development of the stock market in 78 countries between 1970 and 2011.

##### 4.38.1 Minority Shareholder Rights (gc\_shr)

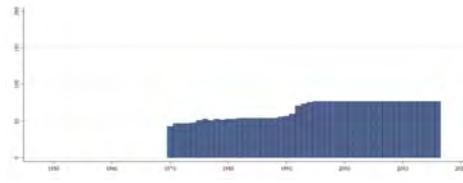
The ten key legal provisions identified as most relevant to the protection of minority shareholder rights are coded by a team of legal scholars coded between 0 and 1. The measures are not dichotomous because intermediate scores between 0 and 1 are possible. The sum of the scores for each of the ten legal provisions are the value of the variable, ranging from 0 to 10.

The ten legal provisions protecting the rights of minority shareholders:

1. Powers of the general meeting for de facto changes
2. Agenda-setting power
3. Anticipation of shareholder decision facilitated
4. Prohibition of multiple voting rights (super voting rights)
5. Independent board members
6. Feasibility of directors' dismissal
7. Private enforcement of directors' duties (derivative suit)
8. Shareholder action against resolutions of the general meeting
9. Mandatory bid
10. Disclosure of major share ownership



Min. Year:2016 Max. Year: 2016  
N: 77



Min. Year:1970 Max. Year: 2016  
N: 79 n: 3064  $\bar{N}$ : 65  $\bar{T}$ : 39

#### 4.39 Transparency International

<http://www.transparency.org/research/gcb/overview>  
(International, 2017)  
(Data downloaded: 2020-11-11)

##### Global Corruption Barometer

The Global Corruption Barometer is the only world wide public opinion survey about the views and experiences of corruption.

The Global Corruption Barometer asks for people's views on corruption in their country generally, how the level of corruption has changed and in which institution's the problem of corruption is most severe. It also provides a measure of people's experience of bribery in the past year across six different services. The survey asks people how well or badly they think their government has done at stopping corruption.

For the 2015-2017 version all the values have been assigned the year 2016.

Note: Only valid answers are used when calculating the averages, "Unknown", "Don't know" etc. are excluded.

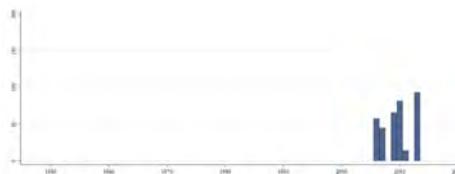
For the 2003-2013 version, the data for a country is marked as missing if there are less than 100 respondents per year, if there are 100 or more, the value corresponds to the mean of all answers.

##### 4.39.1 Paid Bribe: Education System (gcb\_bed)

In the past 12 months have you or anyone living in your household paid a bribe in any form to each of the following institutions/organizations? Education system. Share of population answering Yes.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:2006 Max. Year: 2013  
N: 121 n: 358  $\bar{N}$ : 45  $\bar{T}$ : 3

### 4.39.2 Paid Bribe: Medical Services (gcb\_bmed)

In the past 12 months have you or anyone living in your household paid a bribe in any form to each of the following institutions/organizations? Medical services. Share of population answering Yes.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:2006 Max. Year: 2013  
N: 121 n: 360  $\bar{N}$ : 45  $\bar{T}$ : 3

### 4.39.3 Paid Bribe: Registry and permit services (gcb\_bper)

In the past 12 months have you or anyone living in your household paid a bribe in any form to each of the following institutions/organizations? Registry and permit services. Share of population answering Yes.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:2006 Max. Year: 2013  
N: 120 n: 346  $\bar{N}$ : 43  $\bar{T}$ : 3

### 4.39.4 Paid Bribe: Police (gcb\_bpol)

In the past 12 months have you or anyone living in your household paid a bribe in any form to each of the following institutions/organizations? Police. Share of population answering Yes.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:2006 Max. Year: 2013  
N: 119 n: 321  $\bar{N}$ : 40  $\bar{T}$ : 3

### 4.39.5 Total bribery rate, total population (gcb\_br)

Total bribery rates by country. Total Bribery rate, total population. In percentage.



Min. Year:2016 Max. Year: 2016  
N: 108

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.39.6 Total bribery rate, contact rate (gcb\_br cr)

Total bribery rates by country. Total Contact Rate in percentage.



Min. Year:2016 Max. Year: 2016  
N: 106

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.39.7 Total bribery rate, no contact rate (gcb\_brnc)

Total bribery rates by country. Total Bribery Rate, excluding no contact in percentage.



Min. Year:2016 Max. Year: 2016  
N: 106

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.39.8 Paid Bribe: Tax Revenue (gcb\_bt ax)

In the past 12 months have you or anyone living in your household paid a bribe in any form to each of the following institutions/organizations? Tax revenue. Share of population answering Yes.

Variable not included  
in Cross-Section Data



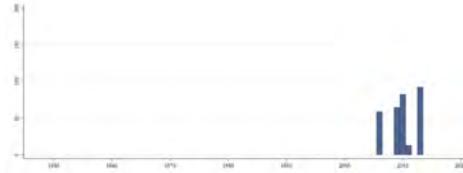
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2006 Max. Year: 2013  
N: 112 n: 319  $\bar{N}$ : 40  $\bar{T}$ : 3

#### 4.39.9 Paid Bribe: Utilities (gcb\_but il)

In the past 12 months have you or anyone living in your household paid a bribe in any form to each of the following institutions/organizations? Utilities. Share of population answering Yes.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 2006 Max. Year: 2013  
N: 120 n: 312  $\bar{N}$ : 39  $\bar{T}$ : 3

### 4.39.10 Fight against corruption: Badly (% respondents) (gcb\_fcbad)

Percentage of respondents who answered 'Badly' to the following question: How well or badly would you say the current government is handling the following matter: "fighting corruption in government"?



Min. Year: 2016 Max. Year: 2016  
N: 112

## Variable not included in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.39.11 Fight against corruption: Well (% respondents) (gcb\_fcwell)

Percentage of respondents who answered 'Well' to the following question: How well or badly would you say the current government is handling the following matter: "fighting corruption in government"?



Min. Year: 2016 Max. Year: 2016  
N: 112

## Variable not included in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.39.12 Feel personally obliged to report corruption: agree (% respondents) (gcb\_orcag)

Percentage of respondents who answered 'Agree' to the following question: Would you agree or disagree with the following statement: If I would witness an act of corruption, I would feel personally obliged to report it.



Min. Year: 2016 Max. Year: 2016  
N: 77

## Variable not included in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.39.13 Feel personally obliged to report corruption: disagree (% respondents) (gcb\_orcdis)

Percentage of respondents who answered 'Disagree' to the following question: Would you agree or disagree with the following statement: If I would witness an act of corruption, I would feel personally obliged to report it.



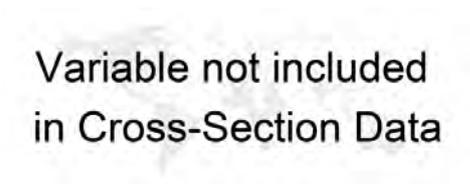
Variable not included  
in Time-Series Data

Min. Year: 2016 Max. Year: 2016  
N: 77

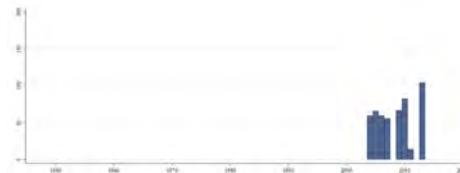
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.39.14 Corruption Perception: Business (gcb\_pb)

To what extent do you perceive the following categories in this country to be affected by corruption? Business. 1 (Not at all corrupt) - 5 (Extremely corrupt).



Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 2004 Max. Year: 2013  
N: 125 n: 510  $\bar{N}$ : 51  $\bar{T}$ : 4

#### 4.39.15 Corruption Perception-Business Executives: Most (% respondents) (gcb\_pcb-most)

Percentage of respondents who answered 'Most or All' to the following question about Business Executives: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Variable not included  
in Time-Series Data

Min. Year: 2016 Max. Year: 2016  
N: 114

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.39.16 Corruption Perception-Business Executives: Some (% respondents) (gcb\_pcb-some)

Percentage of respondents who answered 'Some or None' to the following question about Business Executives: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Variable not included  
in Time-Series Data

Min. Year: 2016 Max. Year: 2016  
N: 114

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.39.17 Corruption Perception-Gov Officials: Most (% respondents) (gcb\_pcgomost)

Percentage of respondents who answered 'Most or All' to the following question about Government Officials: How many of the following people do you think are involved in corruption, or haven't you

heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 114

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.18 Corruption Perception-Gov Officials: Some (% respondents) (gcb\_pcgosome)**

Percentage of respondents who answered 'Some or None' to the following question about Government Officials: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 114

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.19 Corruption Perception-Judges: Most (% respondents) (gcb\_pcjmost)**

Percentage of respondents who answered 'Most or All' to the following question about Judges and Magistrates: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 113

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.20 Corruption Perception-Judges: Some (% respondents) (gcb\_pcjsome)**

Percentage of respondents who answered 'Some or None' to the following question about Judges and Magistrates: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 113

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.21 Corruption Perception-Local Gov Council: Most (% respondents) (gcb\_pclg-most)**

Percentage of respondents who answered ‘Most or All’ to the following question about Local government councilors: How many of the following people do you think are involved in corruption, or haven’t you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 113

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.22 Corruption Perception-Local Gov Council: Some (% respondents) (gcb\_pclgc-some)**

Percentage of respondents who answered ‘Some or None’ to the following question about Local government councilors: How many of the following people do you think are involved in corruption, or haven’t you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 113

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.23 Corruption Perception-Legislature: Most (% respondents) (gcb\_pclmost)**

Percentage of respondents who answered ‘Most or All’ to the following question about the Members of Parliament or Senators: How many of the following people do you think are involved in corruption, or haven’t you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 114

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.24 Corruption Perception-Legislature: Some (% respondents) (gcb\_pclsome)**

Percentage of respondents who answered ‘Some or None’ to the following question about the Members of Parliament or Senators: How many of the following people do you think are involved in corruption, or haven’t you heard enough about them to say?



Min. Year:2016 Max. Year: 2016  
N: 114

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.25 Corruption Perception Change: Decrease (% respondents) (gcb\_pcord)**

Percentage of respondents who answered 'decreased' to the following question: In your opinion, over the past year, has the level of corruption in this country increased, decreased, or stayed the same?



Min. Year:2016 Max. Year: 2016  
N: 82

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.26 Corruption Perception Change: Increase (% respondents) (gcb\_pcori)**

Percentage of respondents who answered 'increased' to the following question: In your opinion, over the past year, has the level of corruption in this country increased, decreased, or stayed the same?



Min. Year:2016 Max. Year: 2016  
N: 82

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.27 Corruption Perception-Head of State: Most (% respondents) (gcb\_pcpmost)**

Percentage of respondents who answered 'Most or All' to the following question about the President or Prime Minister and Officials in his office: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Min. Year:2016 Max. Year: 2016  
N: 113

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.28 Corruption Perception-Police: Most (% respondents) (gcb\_pcpolmost)**

Percentage of respondents who answered 'Most or All' to the following question about the Police: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 114

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.29 Corruption Perception-Police: Some (% respondents) (gcb\_pcpolsome)**

Percentage of respondents who answered ‘Some or None’ to the following question about the Police: How many of the following people do you think are involved in corruption, or haven’t you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 114

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.30 Corruption Perception-Head of State: Some (% respondents) (gcb\_pcpsome)**

Percentage of respondents who answered ‘Some or None’ to the following question about the President or Prime Minister and Officials in his office: How many of the following people do you think are involved in corruption, or haven’t you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 113

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.31 Corruption Perception-Religious Leaders: Most (% respondents) (gcb\_pcr-most)**

Percentage of respondents who answered ‘Most or All’ to the following question about Religious Leaders: How many of the following people do you think are involved in corruption, or haven’t you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 113

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.32 Corruption Perception-Religious Leaders: Some (% respondents) (gcb\_pcrsome)**

Percentage of respondents who answered 'Some or None' to the following question about Religious Leaders: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 113

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.33 Corruption Perception-Tax officers: Most (% respondents) (gcb\_pctaxmost)**

Percentage of respondents who answered 'Most or All' to the following question about Tax Officials, like Ministry of Finance officials or Local Government tax collectors: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 114

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.34 Corruption Perception-Tax officers: Some (% respondents) (gcb\_pctaxsome)**

Percentage of respondents who answered 'Some or None' to the following question about Tax Officials, like Ministry of Finance officials or Local Government tax collectors: How many of the following people do you think are involved in corruption, or haven't you heard enough about them to say?



Min. Year: 2016 Max. Year: 2016  
N: 114

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.35 Corruption Perception: Education (gcb\_ped)**

To what extent do you perceive the following categories in this country to be affected by corruption? Education. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 2004 Max. Year: 2013  
N: 123 n: 442  $\bar{N}$ : 44  $\bar{T}$ : 4

**4.39.36 Can people fight against corruption: agree (% respondents) (gcb\_pfcaag)**

Percentage of respondents who answered 'Agree' to the following question: Would you agree or disagree with the following statement: Ordinary people can make a difference in the fight against corruption.



Min. Year: 2016 Max. Year: 2016  
N: 113

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.37 Can people fight against corruption: disagree (% respondents) (gcb\_pfcdis)**

Percentage of respondents who answered 'Disagree' to the following question: Would you agree or disagree with the following statement: Ordinary people can make a difference in the fight against corruption.



Min. Year: 2016 Max. Year: 2016  
N: 113

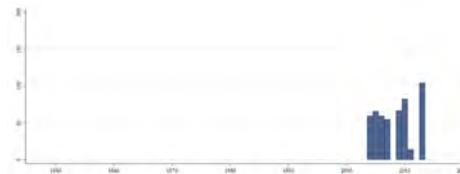
Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.38 Corruption Perception: Judiciary/Legal System (gcb\_pj)**

To what extent do you perceive the following categories in this country to be affected by corruption? Judiciary/Legal system. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



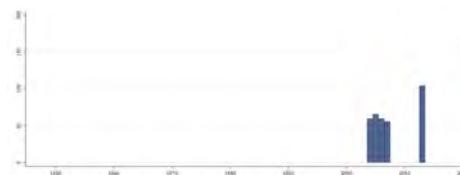
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 2004 Max. Year: 2013  
N: 125 n: 509  $\bar{N}$ : 51  $\bar{T}$ : 4

**4.39.39 Corruption Perception: Medical Services (gcb\_pmed)**

To what extent do you perceive the following categories in this country to be affected by corruption? Medical services. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



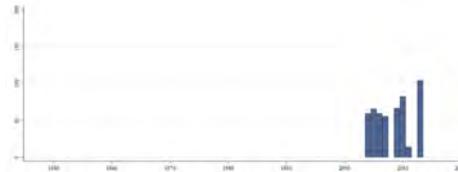
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 2004 Max. Year: 2013  
N: 120 n: 346  $\bar{N}$ : 35  $\bar{T}$ : 3

#### 4.39.40 Corruption Perception: Media (gcb\_pmedia)

To what extent do you perceive the following categories in this country to be affected by corruption?  
Media. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



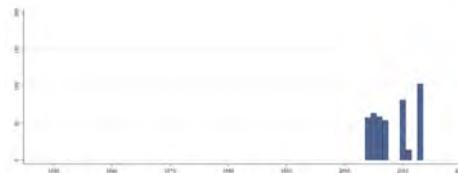
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2013  
N: 125 n: 510  $\bar{N}$ : 51  $\bar{T}$ : 4

#### 4.39.41 Corruption Perception: Military (gcb\_pmil)

To what extent do you perceive the following categories in this country to be affected by corruption?  
Military. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2013  
N: 121 n: 434  $\bar{N}$ : 43  $\bar{T}$ : 4

#### 4.39.42 Corruption Perception: NGOs (gcb\_pngo)

To what extent do you perceive the following categories in this country to be affected by corruption?  
NGOs. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2013  
N: 123 n: 443  $\bar{N}$ : 44  $\bar{T}$ : 4

#### 4.39.43 Corruption Perception: Political Parties (gcb\_ppa)

To what extent do you perceive the following categories in this country to be affected by corruption?  
Political parties. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



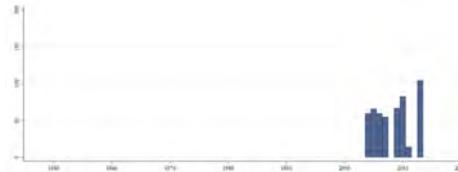
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2013  
N: 125 n: 509  $\bar{N}$ : 51  $\bar{T}$ : 4

#### 4.39.44 Corruption Perception: Parliament (gcb\_pparl)

To what extent do you perceive the following categories in this country to be affected by corruption? Parliament. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



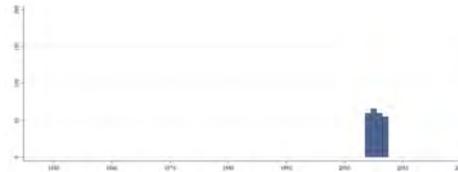
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2013  
N: 125 n: 509  $\bar{N}$ : 51  $\bar{T}$ : 4

#### 4.39.45 Corruption Perception: Registry and permit services (gcb\_pper)

To what extent do you perceive the following categories in this country to be affected by corruption? Registry and permit services. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



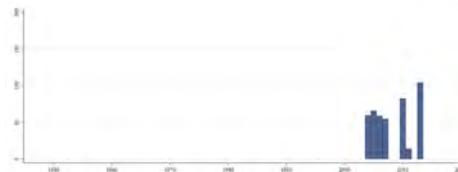
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2007  
N: 77 n: 241  $\bar{N}$ : 60  $\bar{T}$ : 3

#### 4.39.46 Corruption Perception: Police (gcb\_ppol)

To what extent do you perceive the following categories in this country to be affected by corruption? Police. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



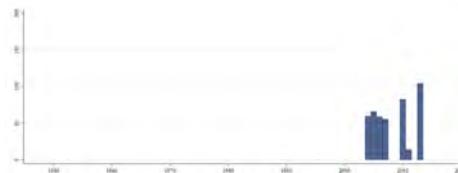
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2013  
N: 123 n: 441  $\bar{N}$ : 44  $\bar{T}$ : 4

#### 4.39.47 Corruption Perception: Religious Bodies (gcb\_prel)

To what extent do you perceive the following categories in this country to be affected by corruption? Religious bodies. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



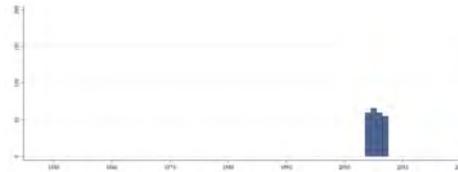
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2013  
N: 123 n: 442  $\bar{N}$ : 44  $\bar{T}$ : 4

#### 4.39.48 Corruption Perception: Tax Revenue (gcb\_ptax)

To what extent do you perceive the following categories in this country to be affected by corruption?  
Tax revenue. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



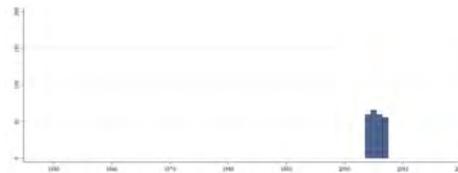
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2007  
N: 77 n: 241  $\bar{N}$ : 60  $\bar{T}$ : 3

#### 4.39.49 Corruption Perception: Utilities (gcb\_putil)

To what extent do you perceive the following categories in this country to be affected by corruption?  
Utilities. 1 (Not at all corrupt) - 5 (Extremely corrupt).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:2004 Max. Year: 2007  
N: 78 n: 242  $\bar{N}$ : 61  $\bar{T}$ : 3

#### 4.39.50 Is socially acceptable to report corruption: agree (% respondents) (gcb\_sarcag)

Percentage of respondents who answered 'Agree' to the following question: Would you agree or disagree with the following statement: In our society it is generally acceptable for people to report a case of corruption they witness.



Min. Year:2016 Max. Year: 2016  
N: 77

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.39.51 Is socially acceptable to report corruption: disagree (% respondents) (gcb\_sarcdis)

Percentage of respondents who answered 'Disagree' to the following question: Would you agree or disagree with the following statement: In our society it is generally acceptable for people to report a case of corruption they witness.



Min. Year:2016 Max. Year: 2016  
N: 77

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.52 Would spend a whole day in court to give evidence: agree (% respondents) (gcb\_wsdag)**

Percentage of respondents who answered 'Agree' to the following question: Would you agree or disagree with the following statement: I would report a case of corruption even if I would have to spend a day in court to give evidence.



Min. Year: 2016 Max. Year: 2016  
N: 77

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.39.53 Would spend a whole day in court to give evidence: disagree (% respondents) (gcb\_wsddis)**

Percentage of respondents who answered 'Disagree' to the following question: Would you agree or disagree with the following statement: I would report a case of corruption even if I would have to spend a day in court to give evidence.



Min. Year: 2016 Max. Year: 2016  
N: 77

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.40 The Political Terror Scale project**

<http://www.politicalterror scale.org/Data/Download.html>  
(Gibney et al., 2020)  
(Data downloaded: 2020-09-02)

**The Political Terror Scale**

The PTS measures violations of physical integrity rights carried out by states or their agents, covering some 200 countries or territories from 1976 to 2016. The PTS seeks to measure political terror. The authors define political terror as violations of basic human rights to the physical integrity of the person by agents of the state within the territorial boundaries of the state in question. It is important to note that political terror as defined by the PTS is not synonymous with terrorism or the use of violence and intimidation in pursuit of political aims. The concept is also distinguishable from terrorism as a tactic or from criminal acts.

**4.40.1 Political Terror Scale - Amnesty International (gd\_ptsa)**

Political Terror Scale Levels from the yearly country reports of Amnesty International:

1. Countries under a secure rule of law, people are not imprisoned for their view, and torture is rare or exceptional. Political murders are extremely rare.
2. There is a limited amount of imprisonment for nonviolent political activity. However, few persons are affected, torture and beatings are exceptional. Political murder is rare.
3. There is extensive political imprisonment, or a recent history of such imprisonment. Execution or

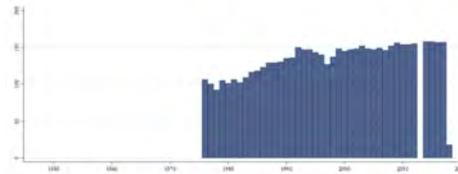
other political murders and brutality may be common. Unlimited detention, with or without a trial, for political views is accepted.

4. Civil and political rights violations have expanded to large numbers of the population. Murders, disappearances, and torture are a common part of life. In spite of its generality, on this level terror affects those who interest themselves in politics or ideas.

5. Terror has expanded to the whole population. The leaders of these societies place no limits on the means or thoroughness with which they pursue personal or ideological goals.



Min. Year:2014 Max. Year: 2017  
N: 163



Min. Year:1976 Max. Year: 2018  
N: 190 n: 5577  $\bar{N}$ : 130  $\bar{T}$ : 29

#### 4.40.2 Political Terror Scale - Human Rights Watch (gd\_ptsh)

Political Terror Scale Levels from the Human Rights Watch's World Reports:

1. Countries under a secure rule of law, people are not imprisoned for their view, and torture is rare or exceptional. Political murders are extremely rare.

2. There is a limited amount of imprisonment for nonviolent political activity. However, few persons are affected, torture and beatings are exceptional. Political murder is rare.

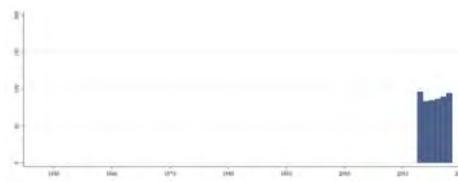
3. There is extensive political imprisonment, or a recent history of such imprisonment. Execution or other political murders and brutality may be common. Unlimited detention, with or without a trial, for political views is accepted.

4. Civil and political rights violations have expanded to large numbers of the population. Murders, disappearances, and torture are a common part of life. In spite of its generality, on this level terror affects those who interest themselves in politics or ideas.

5. Terror has expanded to the whole population. The leaders of these societies place no limits on the means or thoroughness with which they pursue personal or ideological goals.



Min. Year:2015 Max. Year: 2018  
N: 96



Min. Year:2013 Max. Year: 2018  
N: 108 n: 535  $\bar{N}$ : 89  $\bar{T}$ : 5

#### 4.40.3 Political Terror Scale - US State Department (gd\_ptss)

Political Terror Scale Levels from the the U.S. State Department Country Reports on Human Rights Practices:

1. Countries under a secure rule of law, people are not imprisoned for their view, and torture is rare or exceptional. Political murders are extremely rare.

2. There is a limited amount of imprisonment for nonviolent political activity. However, few persons are affected, torture and beatings are exceptional. Political murder is rare.

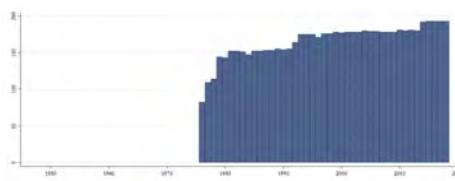
3. There is extensive political imprisonment, or a recent history of such imprisonment. Execution or other political murders and brutality may be common. Unlimited detention, with or without a trial, for political views is accepted.

4. Civil and political rights violations have expanded to large numbers of the population. Murders, disappearances, and torture are a common part of life. In spite of its generality, on this level terror affects those who interest themselves in politics or ideas.

5. Terror has expanded to the whole population. The leaders of these societies place no limits on the means or thoroughness with which they pursue personal or ideological goals.



Min. Year:2017 Max. Year: 2017  
N: 193



Min. Year:1976 Max. Year: 2018  
N: 204 n: 7128  $\bar{N}$ : 166  $\bar{T}$ : 35

#### 4.41 Institute for Health Metrics and Evaluation

<http://ghdx.healthdata.org/record/global-educational-attainment-1970-2015>

(Institute for Health Metrics and Evaluation (IHME), 2015)

(Data downloaded: 2020-09-24)

#### Global Educational Attainment 1970-2015

These are IHME results data from a global analysis of educational attainment spanning the last 50 years. These data are an update to earlier estimates (Educational Attainment and Child Mortality Estimates by Country 1970-2009) and inform the IHME policy report “A Hand Up: Global Progress Towards Universal Education”, as well as the Social Determinants of Health Visualization, which is supported by the Center for Health Trends and Forecasts at IHME.

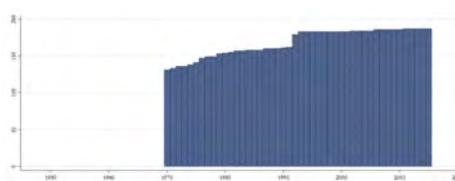
This data file provides estimates of average years of educational attainment per capita for people over the age of 15 for the years 1970-2015 by year, sex, and age group for 188 countries, 21 GBD regions, 7 GBD super regions, and the global aggregate. Age-standardized and population-weighted estimates are included for females 15-44 and for both sexes for the age group 25+.

##### 4.41.1 Educational Attainment (15-24 years, Female) (gea\_ea1524f)

Educational Attainment (15-24 years, Female). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



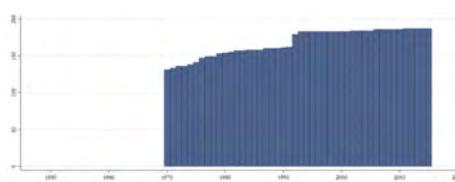
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

##### 4.41.2 Educational Attainment (15-24 years, Male) (gea\_ea1524m)

Educational Attainment (15-24 years, Male). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



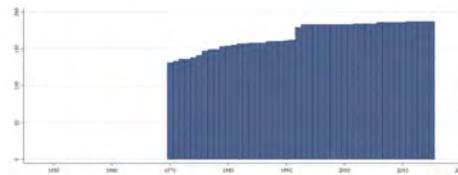
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.3 Educational Attainment (25-34 years, Female) (gea\_ea2534f)

Educational Attainment (25-34 years, Female). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



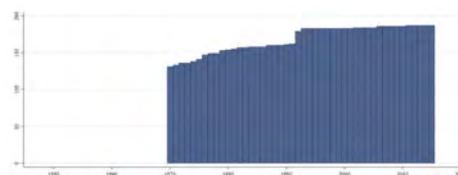
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.4 Educational Attainment (25-34 years, Male) (gea\_ea2534m)

Educational Attainment (25-34 years, Male). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



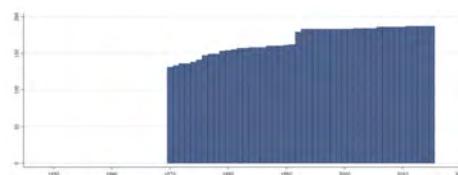
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.5 Educational Attainment (35-44 years, Female) (gea\_ea3544f)

Educational Attainment (35-44 years, Female). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



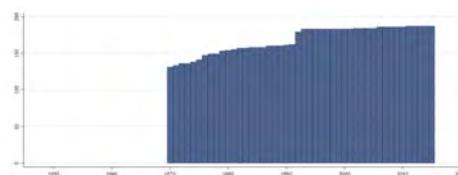
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.6 Educational Attainment (35-44 years, Male) (gea\_ea3544m)

Educational Attainment (35-44 years, Male). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



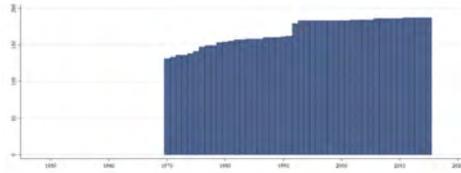
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.7 Educational Attainment (45-54 years, Female) (gea\_ea4554f)

Educational Attainment (45-54 years, Female). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



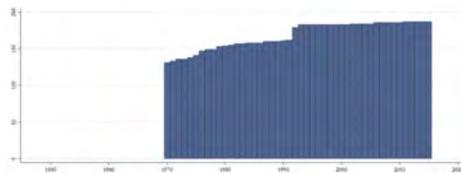
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.8 Educational Attainment (45-54 years, Male) (gea\_ea4554m)

Educational Attainment (45-54 years, Male). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



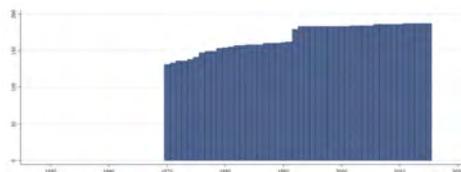
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.9 Educational Attainment (55-64 years, Female) (gea\_ea5564f)

Educational Attainment (55-64 years, Female). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



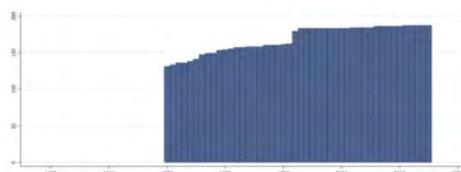
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.10 Educational Attainment (55-64 years, Male) (gea\_ea5564m)

Educational Attainment (55-64 years, Male). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



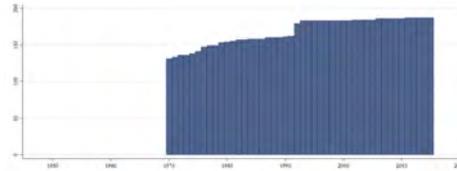
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.11 Educational Attainment (65+ years, Female) (gea\_ea65f)

Educational Attainment (65+ years, Female). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



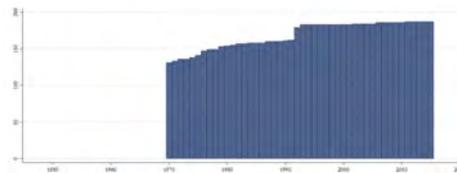
Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

#### 4.41.12 Educational Attainment (65+ years, Male) (gea\_ea65m)

Educational Attainment (65+ years, Male). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 187



Min. Year:1970 Max. Year: 2015  
N: 193 n: 7740  $\bar{N}$ : 168  $\bar{T}$ : 40

### 4.42 IMF Government Finance Statistics

<https://data.imf.org/?sk=388dfa60-1d26-4ade-b505-a05a558d9a42>  
(International Monetary Fund, 2019)  
(Data downloaded: 2020-12-15)

#### IMF GFS - Expenditure by Functions of Government (COFOG)

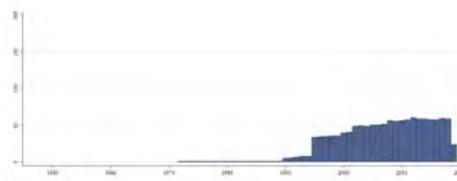
The IMF Government Finance Statistics (GFS) database contains fiscal data for all reporting countries in the framework of the Government Finance Statistics Manual 2014 (GFSM 2014). It includes detailed data on revenues, expenditures, transactions in financial assets and liabilities, and balance sheet data and includes data for the general government sector and its subsectors (e.g., central government, local government, state government and social security funds). GFS data are compiled by country authorities and reported to the IMF Statistics Department annually. The data reported in the QoG Datasets is retrieved from Expenditure by Function of Government (COFOG) dataset, as the percentage of total expenditure by general government.

##### 4.42.1 Expenditure on defense, as % of total gen. gov. exp. (gfs\_def)

Total expenditure on defense, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 63



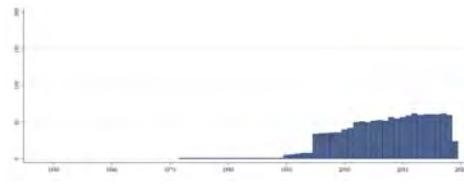
Min. Year:1972 Max. Year: 2019  
N: 72 n: 1277  $\bar{N}$ : 27  $\bar{T}$ : 18

##### 4.42.2 Expenditure on economic affairs, as % of total gen. gov. exp. (gfs\_ecaf)

Total expenditure on economic affairs, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 65



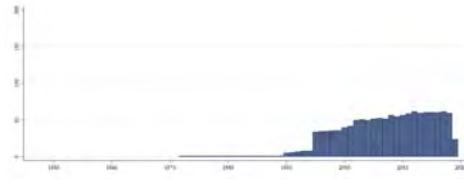
Min. Year:1972 Max. Year: 2019  
N: 75 n: 1297  $\bar{N}$ : 27  $\bar{T}$ : 17

#### 4.42.3 Expenditure on education, as % of total gen. gov. exp. (gfs\_educ)

Total expenditure on education, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 65



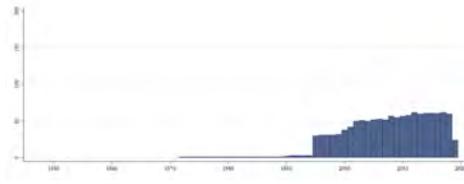
Min. Year:1972 Max. Year: 2019  
N: 75 n: 1297  $\bar{N}$ : 27  $\bar{T}$ : 17

#### 4.42.4 Expenditure on environment protection, as % of total gen. gov. exp. (gfs\_envr)

Total expenditure on environment protection, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 65



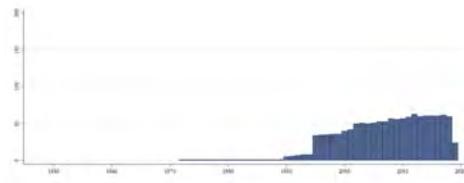
Min. Year:1972 Max. Year: 2019  
N: 75 n: 1253  $\bar{N}$ : 26  $\bar{T}$ : 17

#### 4.42.5 Expenditure on general public services, as % of total gen. gov. exp. (gfs\_gps)

Total expenditure on general public services, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 65



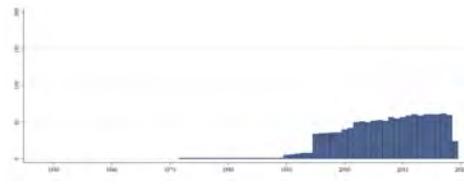
Min. Year:1972 Max. Year: 2019  
N: 75 n: 1299  $\bar{N}$ : 27  $\bar{T}$ : 17

#### 4.42.6 Expenditure on housing and comm. amenities, as % of total gen. gov. exp. (gfs\_hca)

Total expenditure on housing and community amenities, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 65



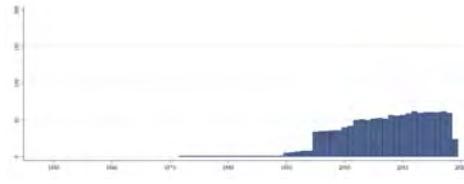
Min. Year:1972 Max. Year: 2019  
N: 75 n: 1295  $\bar{N}$ : 27  $\bar{T}$ : 17

#### 4.42.7 Expenditure on health, as % of total gen. gov. exp. (gfs\_heal)

Total expenditure on health, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 65



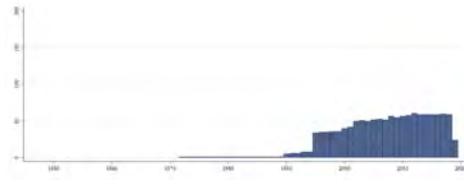
Min. Year:1972 Max. Year: 2019  
N: 75 n: 1298  $\bar{N}$ : 27  $\bar{T}$ : 17

#### 4.42.8 Expenditure on public order and safety, as % of total gen. gov. exp. (gfs\_pos)

Total expenditure on public order and safety, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 63



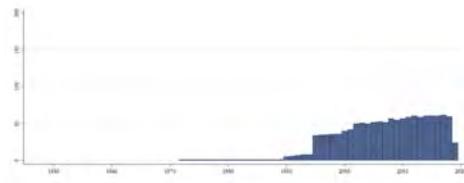
Min. Year:1972 Max. Year: 2019  
N: 73 n: 1284  $\bar{N}$ : 27  $\bar{T}$ : 18

#### 4.42.9 Expenditure on social protection, as % of total gen. gov. exp. (gfs\_rcr)

Total expenditure on social protection, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 65



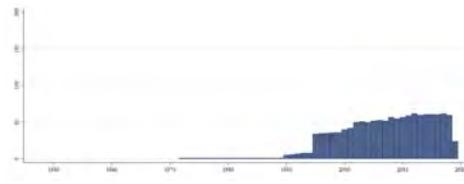
Min. Year:1972 Max. Year: 2019  
N: 75 n: 1295  $\bar{N}$ : 27  $\bar{T}$ : 17

#### 4.42.10 Expenditure on recreation, culture and religion, as % of total gen. gov. exp. (gfs\_sp)

Total expenditure on recreation, culture and religion, as the percentage of general government expenditure.



Min. Year:2015 Max. Year: 2018  
N: 65



Min. Year:1972 Max. Year: 2019  
N: 75 n: 1297  $\bar{N}$ : 27  $\bar{T}$ : 17

#### 4.43 World Economic Forum

<http://reports.weforum.org/global-gender-gap-report-2018/>  
(World Economic Forum, 2020)  
(Data downloaded: 2021-01-22)

##### The Global Gender Gap Index 2006-2019

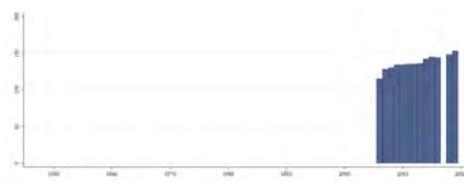
The Global Gender Gap Report benchmarks 153 countries on their progress towards gender parity across four thematic dimensions: Economic Participation and Opportunity, Educational Attainment, Health and Survival, and Political Empowerment.

##### 4.43.1 Global Gender Gap Educational Attainment Subindex (gggi\_eas)

Educational Attainment (0 to 1, where 1 indicates no gap). This subindex captures the gap between women's and men's current access to education through ratios of women to men in primary-, secondary- and tertiary-level education. A longer-term view of the country's ability to educate women and men in equal numbers is captured through the ratio of the female literacy rate to the male literacy rate.



Min. Year:2015 Max. Year: 2019  
N: 154



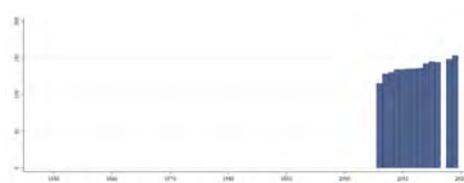
Min. Year:2006 Max. Year: 2019  
N: 155 n: 1779  $\bar{N}$ : 127  $\bar{T}$ : 11

##### 4.43.2 Overall Global Gender Gap Index (gggi\_ggi)

The Global Gender Gap Index (0 to 1, where 1 indicates no gap) examines the gap between men and women in four fundamental categories (subindexes): Economic Participation and Opportunity, Educational Attainment, Health and Survival and Political Empowerment.



Min. Year:2015 Max. Year: 2019  
N: 154



Min. Year:2006 Max. Year: 2019  
N: 155 n: 1779  $\bar{N}$ : 127  $\bar{T}$ : 11

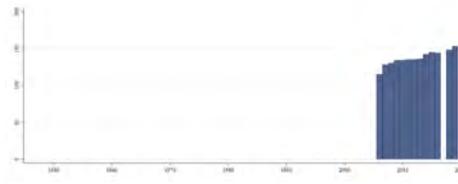
##### 4.43.3 Global Gender Gap Health and Survival Subindex (gggi\_hss)

Health and Survival (0 to 1, where 1 indicates no gap). This subindex provides an overview of the differences between women's and men's health through the use of two indicators. The first is the sex

ratio at birth, which aims specifically to capture the phenomenon of “missing women”, prevalent in many countries with a strong son preference. Second, we use the gap between women’s and men’s healthy life expectancy. This measure provides an estimate of the number of years that women and men can expect to live in good health by taking into account the years lost to violence, disease, malnutrition and other relevant factors.



Min. Year:2015 Max. Year: 2019  
N: 154



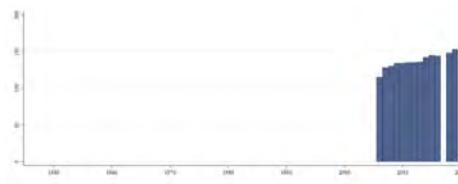
Min. Year:2006 Max. Year: 2019  
N: 155 n: 1779  $\bar{N}$ : 127  $\bar{T}$ : 11

#### 4.43.4 Global Gender Gap Political Empowerment subindex (gggi\_pes)

Political Empowerment (0 to 1, where 1 indicates no gap). This subindex measures the gap between men and women at the highest level of political decision-making through the ratio of women to men in ministerial positions and the ratio of women to men in parliamentary positions. In addition, we’ve included the ratio of women to men in terms of years in executive office (prime minister or president) for the last 50 years. A clear drawback in this category is the absence of any indicators capturing differences between the participation of women and men at local levels of government. Should such data become available at a globally comparative level in future years, it will be considered for inclusion in the Index.



Min. Year:2015 Max. Year: 2019  
N: 154



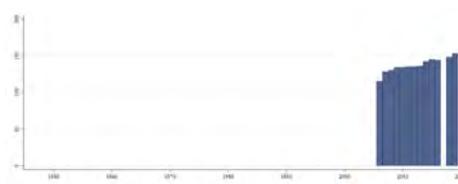
Min. Year:2006 Max. Year: 2019  
N: 155 n: 1779  $\bar{N}$ : 127  $\bar{T}$ : 11

#### 4.43.5 Global Gender Gap Economic Participation and Opportunity Subindex (gggi\_pos)

Economic Participation and Opportunity (0 to 1, where 1 indicates no gap). This subindex contains three concepts: the participation gap, the remuneration gap and the advancement gap. The participation gap is captured using the difference between women and men in labour force participation rates. The remuneration gap is captured through a hard data indicator (ratio of estimated female-to-male earned income) and a qualitative indicator gathered through the World Economic Forum’s annual Executive Opinion Survey (wage equality for similar work). Finally, the gap between the advancement of women and men is captured through two hard data statistics (the ratio of women to men among legislators, senior officials and managers, and the ratio of women to men among technical and professional workers).



Min. Year:2015 Max. Year: 2019  
N: 154



Min. Year:2006 Max. Year: 2019  
N: 155 n: 1779  $\bar{N}$ : 127  $\bar{T}$ : 11

## 4.44 United Nations Development Programme

<http://hdr.undp.org/en/data>  
(United Nations Development Program, 2020a)  
(Data downloaded: 2021-01-04)

### The Gender Inequality Index

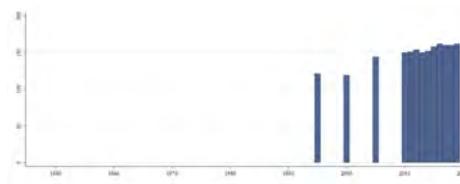
The Gender Inequality Index (GII) reflects gender-based disadvantage in three dimensions - reproductive health, empowerment and the labour market - for as many countries as data of reasonable quality allow. It shows the loss in potential human development due to inequality between female and male achievements in these dimensions. It ranges from 0, where women and men fare equally, to 1, where one gender fares as poorly as possible in all measured dimensions.

#### 4.44.1 Gender Inequality Index (0 to 1 higher disparity) (gii\_gii)

The GII is an inequality index. It measures gender inequalities in three important aspects of human development-reproductive health, measured by maternal mortality ratio and adolescent birth rates; empowerment, measured by proportion of parliamentary seats occupied by females and proportion of adult females and males aged 25 years and older with at least some secondary education; and economic status, expressed as labour market participation and measured by labour force participation rate of female and male populations aged 15 years and older. The GII is built on the same framework as the IHDI-to better expose differences in the distribution of achievements between women and men. It measures the human development costs of gender inequality. Thus the higher the GII value the more disparities between females and males and the more loss to human development.



Min. Year:2017 Max. Year: 2018  
N: 162



Min. Year:1995 Max. Year: 2019  
N: 163 n: 1943  $\bar{N}$ : 78  $\bar{T}$ : 12

## 4.45 Kristian S. Gleditsch

<http://ksgleditsch.com/exptradegdp.html>  
(K. S. Gleditsch, 2002) (K. Gleditsch & Ward, 1999)  
(Data downloaded: 2020-09-01)

### Expanded Trade and GDP Data

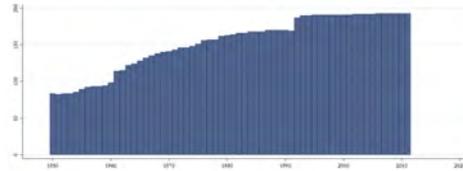
The dataset by Kristian Gleditsch provides estimates of trade flows between independent states (1948-2000) and GDP per capita of independent states (1950-2011). Version 6. In order to fill in gaps in the Penn World Table's mark 5.6 and 6.2 data (see: Heston, Summers & Aten), Gleditsch has imputed missing data by using an alternative source of data (the CIA World Fact Book), and through extrapolation beyond available time-series.

#### 4.45.1 GDP per Capita (Current Prices) (gle\_cgdpc)

GDP per capita (Current prices).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



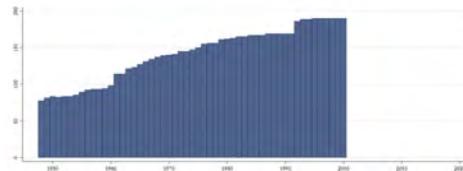
Min. Year:1950 Max. Year: 2011  
N: 208 n: 9477  $\bar{N}$ : 153  $\bar{T}$ : 46

### 4.45.2 Total Export (gle\_exp)

This amounts to the total export of a country, in millions of current year US dollars, estimated as the sum of all dyadic export figures to that country using the imputation technique described above.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



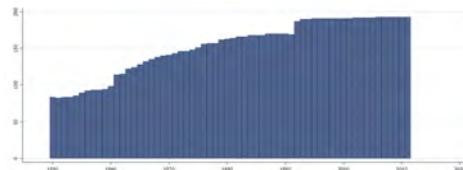
Min. Year:1948 Max. Year: 2000  
N: 204 n: 7481  $\bar{N}$ : 141  $\bar{T}$ : 37

### 4.45.3 Real GDP (2005) (gle\_gdp)

Real GDP (2005). This is Gleditsch's estimate of GDP per Capita in US dollars at current year international prices.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



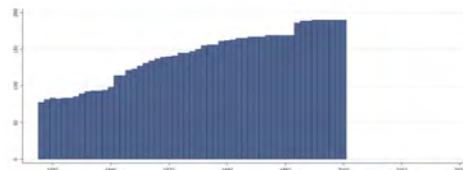
Min. Year:1950 Max. Year: 2011  
N: 208 n: 9477  $\bar{N}$ : 153  $\bar{T}$ : 46

### 4.45.4 Total Import (gle\_imp)

This amounts to the total import of a country, in millions of current year US dollars, estimated as the sum of all dyadic import figures to that country using the imputation technique described above.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



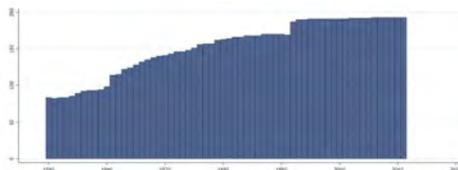
Min. Year:1948 Max. Year: 2000  
N: 204 n: 7481  $\bar{N}$ : 141  $\bar{T}$ : 37

### 4.45.5 Population (in the 1000's) (gle\_pop)

Size of the population in the years 1000's.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



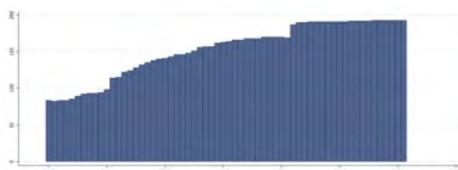
Min. Year:1950 Max. Year: 2011  
N: 208 n: 9477  $\bar{N}$ : 153  $\bar{T}$ : 46

### 4.45.6 Real GDP per Capita (2005) (gle\_rgdpc)

This is the estimate of real GDP per Capita in constant US dollars at base year 2000, based on the imputation technique described above.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



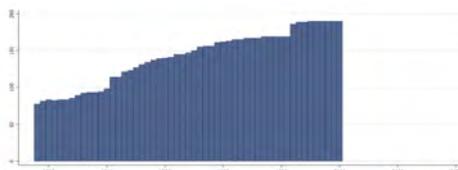
Min. Year:1950 Max. Year: 2011  
N: 208 n: 9477  $\bar{N}$ : 153  $\bar{T}$ : 46

### 4.45.7 Total Trade (gle\_trade)

This amounts to the sum of import and export of a country, in millions of current year US dollars, estimated as the sum of all dyadic import and export figures of that country using the imputation technique described above.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1948 Max. Year: 2000  
N: 204 n: 7481  $\bar{N}$ : 141  $\bar{T}$ : 37

## 4.46 Bormann and Golder

<http://mattgolder.com/elections>  
(Bormann & Golder, 2013)  
(Data downloaded: 2020-10-01)

### Democratic Electoral Systems Around the World 1946-2016

The data focus on national-level (lower house) legislative and presidential elections in democratic regimes. A regime is classified as a democracy at the time of an election if (i) the chief executive is elected, (ii) the legislature is elected, (iii) there is more than one party competing in elections, and (iv) an alternation under identical electoral rules has taken place. A regime is classified as a dictatorship at the time of an election if any of these four conditions do not hold (Przeworski et al., 2000; Cheibub, Gandhi and Vreeland, 2010).

Note: The original values of -99 (the information is missing but should theoretically be available) and -88 (there is no single value for this particular variable) have been recoded to "." (missing).

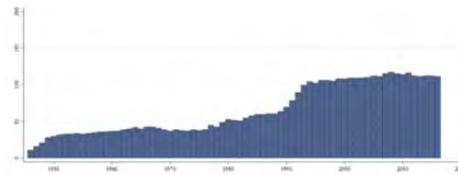
Note: The original data source is prepared in country-election format and data for interim years without elections has been filled using the latest election data, if an election was held in the last five years before the reference year.

#### 4.46.1 Average District Magnitude (gol\_adm)

Average district magnitude in an electoral tier. This is calculated as the total number of seats allocated in an electoral tier divided by the total number of districts in that tier.



Min. Year:2015 Max. Year: 2016  
N: 114



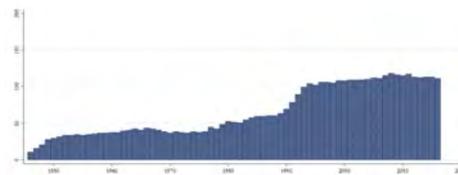
Min. Year:1946 Max. Year: 2016  
N: 133 n: 4663  $\bar{N}$ : 66  $\bar{T}$ : 35

#### 4.46.2 Districts (gol\_dist)

This is the number of electoral districts or constituencies in an electoral tier.



Min. Year:2015 Max. Year: 2016  
N: 114



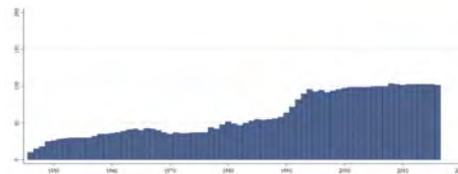
Min. Year:1946 Max. Year: 2016  
N: 133 n: 4686  $\bar{N}$ : 66  $\bar{T}$ : 35

#### 4.46.3 Effective Number of Electoral Parties (gol\_enep)

Effective Number of Electoral Parties.



Min. Year:2014 Max. Year: 2016  
N: 106



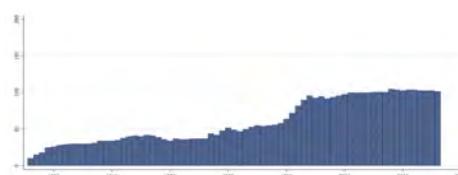
Min. Year:1946 Max. Year: 2016  
N: 124 n: 4258  $\bar{N}$ : 60  $\bar{T}$ : 34

#### 4.46.4 Effective Number of Electoral Parties 1 (gol\_enep1)

The effective number of electoral parties once the "other" category has been "corrected" by using the least component method of bounds.



Min. Year:2014 Max. Year: 2016  
N: 106



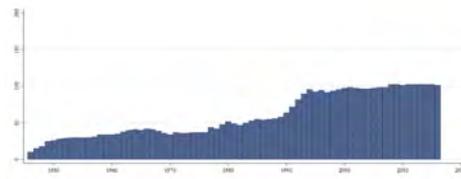
Min. Year:1946 Max. Year: 2016  
N: 124 n: 4255  $\bar{N}$ : 60  $\bar{T}$ : 34

#### 4.46.5 Effective Number of Electoral Parties (Others) (gol\_enepo)

The percentage of the vote going to parties that are collectively known as "others" in official election results.



Min. Year:2014 Max. Year: 2016  
N: 106



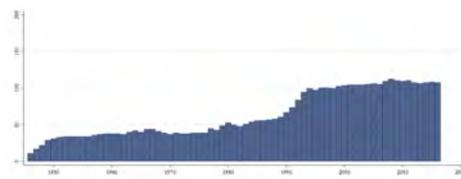
Min. Year:1946 Max. Year: 2016  
N: 124 n: 4233  $\bar{N}$ : 60  $\bar{T}$ : 34

#### 4.46.6 Effective Number of Parliamentary or Legislative Parties (gol\_enpp)

The effective number of parliamentary (legislative) parties.



Min. Year:2015 Max. Year: 2016  
N: 110



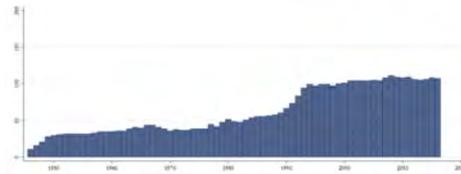
Min. Year:1946 Max. Year: 2016  
N: 130 n: 4509  $\bar{N}$ : 64  $\bar{T}$ : 35

#### 4.46.7 Effective Number of Parliamentary or Legislative Parties 1 (gol\_enpp1)

This is the effective number of parliamentary (legislative) parties once the "other" category has been "corrected" by using the least component method of bounds.



Min. Year:2015 Max. Year: 2016  
N: 110



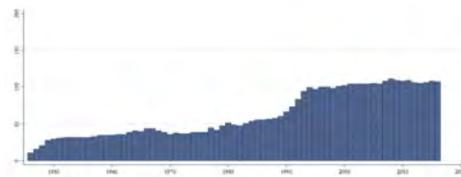
Min. Year:1946 Max. Year: 2016  
N: 129 n: 4450  $\bar{N}$ : 63  $\bar{T}$ : 34

#### 4.46.8 Effective Number of Parliamentary or Legislative Parties (Others) (gol\_enppo)

The percentage of seats won by parties that are collectively known as "others" in official election results.



Min. Year:2015 Max. Year: 2016  
N: 110



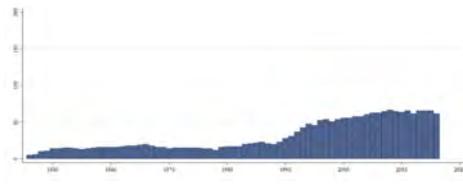
Min. Year:1946 Max. Year: 2016  
N: 129 n: 4455  $\bar{N}$ : 63  $\bar{T}$ : 35

#### 4.46.9 Effective Number of Presidential Candidates (gol\_enpres)

The effective number of presidential candidates.



Min. Year:2015 Max. Year: 2016  
N: 66



Min. Year:1946 Max. Year: 2016  
N: 72 n: 2207  $\bar{N}$ : 31  $\bar{T}$ : 31

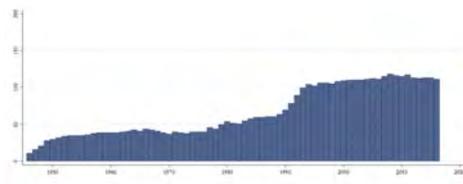
#### 4.46.10 Electoral System Type-3 classes (gol\_est)

This is a categorical variable that takes on one of three values indicating the basic type of electoral system used in the elections.

1. Majoritarian
2. Proportional
3. Mixed



Min. Year:2015 Max. Year: 2016  
N: 114



Min. Year:1946 Max. Year: 2016  
N: 134 n: 4713  $\bar{N}$ : 66  $\bar{T}$ : 35

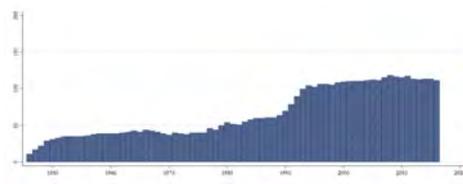
#### 4.46.11 Electoral System Type-11 classes (gol\_est\_spec)

This is a categorical variable that provides a more detailed indication of the type of electoral system used in the election.

1. Single-Member-District-Plurality (SMDP)
2. Two-Round System (TRS)
3. Alternative Vote (AV)
4. Borda Count (BC)
5. Block Vote (BV)
6. Party Block Vote (PBV)
7. Limited Vote (LV)
8. Single Nontransferable Vote (SNTV)
9. List Proportional Representation (List PR)
10. Single Transferable Vote (STV)
11. Mixed Dependent (or Mixed Member Proportional)
12. Mixed Independent (or Mixed Parallel)



Min. Year:2015 Max. Year: 2016  
N: 114



Min. Year:1946 Max. Year: 2016  
N: 134 n: 4719  $\bar{N}$ : 66  $\bar{T}$ : 35

#### 4.46.12 Institution (gol\_inst)

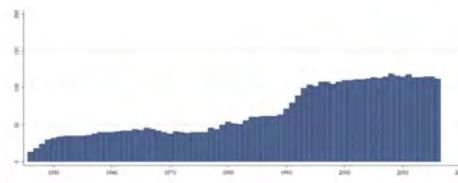
This is a categorical variable indicating a country's regime type at the end of a given year. The data for this variable come from Cheibub, Gandhi and Vreeland (2010), which we updated through 2011.

0. Parliamentary democracy
1. Semi-presidential democracy
2. Presidential democracy
3. Civilian dictatorship
4. Military dictatorship
5. Royal dictatorship

Not all elections that occur when a regime is classified as a dictatorship (regime = 4-6) are dictatorial. This apparent anomaly has to do with the fact that a country's regime type is coded based on its status at the end of a given year. Elections like those in Argentina 1962, Nicaragua 1983, Philippines 1965, and Thailand 1976 all preceded a democratic collapse in the same year. Although these countries are considered dictatorial at the end of these years, we code these particular elections as democratic and therefore include them in our data set. We should note that we code the 1997 elections in Kenya, the 1999 elections in Guinea Bissau, the 2005 elections in Liberia, the 2006 elections in Mauritania, and the 2008 elections in Bangladesh as democratic even though Cheibub, Gandhi and Vreeland (2010) do not code these countries as democratic until the following year. The reason for this is that these elections are the primary reason cited by Cheibub, Gandhi and Vreeland (2010) for their eventual recoding of these countries as democratic. As an example, Cheibub, Gandhi and Vreeland (2010) do not code Liberia as democratic until 2006 despite the fact that presidential elections took place in October 2005, because the winner of these elections, Ellen Johnson-Sirleaf, did not officially take office until January 2006. The bottom line is that there are a few observations in our data set of democratic elections where regime indicates that the country was a dictatorship by the end of the year.



Min. Year:2015 Max. Year: 2016  
N: 116



Min. Year:1946 Max. Year: 2016  
N: 134 n: 4781  $\bar{N}$ : 67  $\bar{T}$ : 36

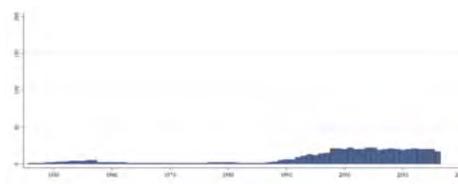
#### 4.46.13 Mixed Type (gol\_mix)

This is a categorical variable that indicates the precise type of mixed electoral system that is being used.

1. Coexistence
2. Superposition
3. Fusion
4. Correction
5. Conditional



Min. Year:2015 Max. Year: 2016  
N: 20



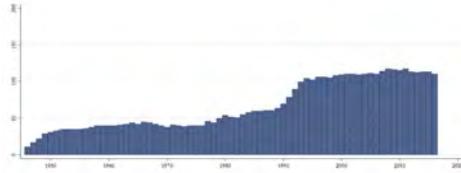
Min. Year:1946 Max. Year: 2016  
N: 35 n: 555  $\bar{N}$ : 8  $\bar{T}$ : 16

#### 4.46.14 Multi-Tier Type (gol\_mt)

This is a dichotomous variable that indicates whether different electoral tiers are linked (1) or not (0). Electoral tiers are linked if the unused votes from one electoral tier are used to allocate seats in another electoral tier, or if the allocation of seats in one electoral tier is conditional on the seats received in a different electoral tier.



Min. Year:2015 Max. Year: 2016  
N: 114



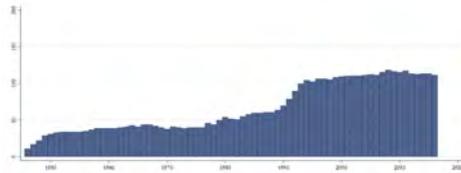
Min. Year:1946 Max. Year: 2016  
N: 134 n: 4728  $\bar{N}$ : 67  $\bar{T}$ : 35

#### 4.46.15 Number of Seats (gol\_nos)

This indicates the total number of seats in the lower house of the national legislature.



Min. Year:2015 Max. Year: 2016  
N: 114



Min. Year:1946 Max. Year: 2016  
N: 134 n: 4720  $\bar{N}$ : 66  $\bar{T}$ : 35

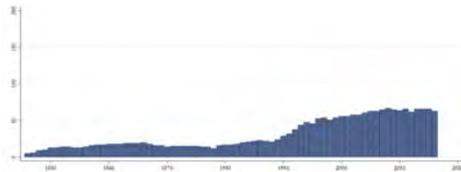
#### 4.46.16 Presidential Electoral System Type (gol\_pest)

This is a categorical variable that indicates the electoral formula used in the presidential election.

1. Plurality
2. Absolute Majority
3. Qualified Majority
4. Electoral College
5. Alternative Vote



Min. Year:2015 Max. Year: 2016  
N: 66



Min. Year:1946 Max. Year: 2016  
N: 71 n: 2219  $\bar{N}$ : 31  $\bar{T}$ : 31

#### 4.46.17 PR Type (gol\_pr)

This is a categorical variable that indicates the precise electoral formula used in an electoral tier.

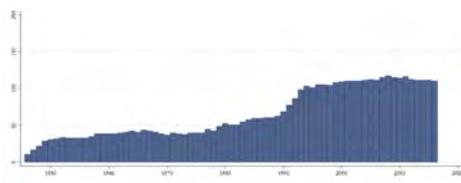
1. Single-Member-District-Plurality (SMDP)
2. Two Round Majority-Plurality
3. Two Round Qualified Majority
4. Two Round Majority Runoff
5. Alternative Vote (AV)
6. Borda Count (BC)
7. Modified Borda Count (mBC)
8. Block Vote (BV)
9. Party Block Vote (PBV)
10. Limited Vote (LV)
11. Single Nontransferable Vote (SNTV)
12. Hare quota
13. Hare quota with largest remainders
14. Hare quota with highest average remainders

15. Hagenbach-Bischoff quota
16. Hagenbach-Bischoff quota with largest remainders
17. Hagenbach-Bischoff quota with highest average remainders
18. Droop quota
19. Droop quota with largest remainders
20. Droop quota with highest average remainders
21. Imperiali quota
22. Imperiali quota with largest remainders
23. Imperiali quota with highest average remainders
24. Reinforced Imperiali quota
25. D'Hondt
26. Sainte-Laguë
27. Modified Sainte-Laguë
28. Single Transferable Vote.

Note: a detailed description of the difference between types you can find in the original codebook.



Min. Year:2015 Max. Year: 2016  
N: 113



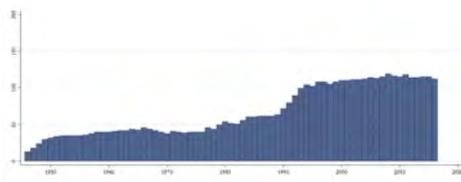
Min. Year:1946 Max. Year: 2016  
N: 134 n: 4678  $\bar{N}$ : 66  $\bar{T}$ : 35

#### 4.46.18 Presidential Election (gol\_preel)

This is a dichotomous variable that takes on the value 1 if the election is presidential and 0 if the election is legislative.



Min. Year:2015 Max. Year: 2016  
N: 116



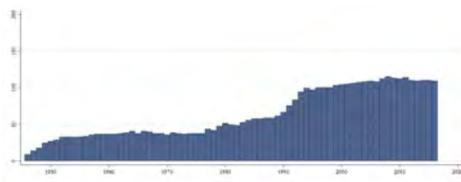
Min. Year:1946 Max. Year: 2016  
N: 134 n: 4781  $\bar{N}$ : 67  $\bar{T}$ : 36

#### 4.46.19 Upper Seats (gol\_upseat)

This indicates the number of legislative seats allocated in electoral districts above the lowest electoral tier.



Min. Year:2015 Max. Year: 2016  
N: 112



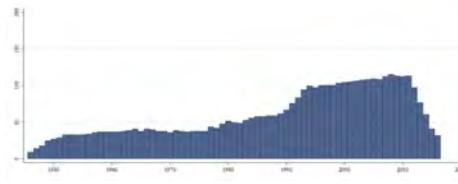
Min. Year:1946 Max. Year: 2016  
N: 132 n: 4520  $\bar{N}$ : 64  $\bar{T}$ : 34

#### 4.46.20 Upper Tier (gol\_uptier)

This indicates the percentage of all legislative seats allocated in electoral districts above the lowest electoral tier.



Min. Year:2014 Max. Year: 2016  
N: 62



Min. Year:1946 Max. Year: 2016  
N: 132 n: 4279  $\bar{N}$ : 60  $\bar{T}$ : 32

#### 4.47 Institute for Economics & Peace

<http://visionofhumanity.org/indexes/global-peace-index/>  
(Institute for Economics and Peace, 2020a)  
(Data downloaded: 2021-01-04)

##### Global Peace Index

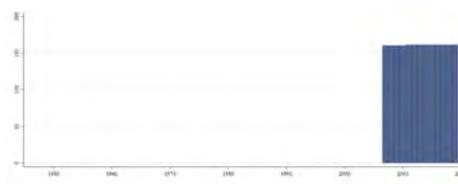
The Global Peace Index (GPI), which ranks 163 independent states and territories according to their level of peacefulness. Produced by the Institute for Economics and Peace (IEP), the GPI is the world's leading measure of global peacefulness. The complete version of the GPI covers 99.7 per cent of the world's population, using 23 qualitative and quantitative indicators from highly respected sources, and measures the state of peace using three thematic domains: the level of Societal Safety and Security; the extent of Ongoing Domestic and International Conflict; and the degree of Militarisation. Please refer to the original source to see all of the indicators.

##### 4.47.1 Ongoing Conflict (1-5 Higher intensity of conflict) (gpi\_conf)

Ongoing Domestic and International Conflict (1 to 5, 5 refers to higher intensity of conflict) is one of the three subdomains of the GPI. It , investigates the extent to which countries are involved in internal and external conflicts, as well as their role and duration of involvement in conflicts.



Min. Year:2017 Max. Year: 2017  
N: 161



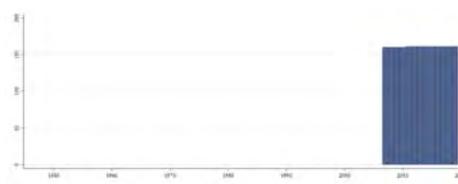
Min. Year:2007 Max. Year: 2019  
N: 162 n: 2089  $\bar{N}$ : 161  $\bar{T}$ : 13

##### 4.47.2 Displaced people (1-5 Higher displacement) (gpi\_dic)

Refugees by territory of origin (starting in 2010 this indicator also includes the number of internally displaced people by country) as percentage of the country's total population. Scaled 1 to 5, 5 being a higher percentage of internal displacement. Source: UNHCR Statistical Yearbook and Internal Displacement Monitoring Center.



Min. Year:2017 Max. Year: 2017  
N: 161



Min. Year:2007 Max. Year: 2019  
N: 162 n: 2089  $\bar{N}$ : 161  $\bar{T}$ : 13

#### 4.47.3 Global Peace Index (1-5 Less peaceful) (gpi\_gpi)

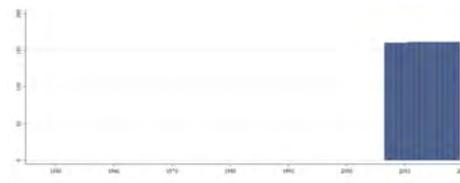
The GPI (Scaled 1 to 5, 5 being least peaceful) measures a country's level of Negative Peace using three domains of peacefulness. The first domain, Ongoing Domestic and International Conflict, investigates the extent to which countries are involved in internal and external conflicts, as well as their role and duration of involvement in conflicts.

The second domain evaluates the level of harmony or discord within a nation; ten indicators broadly assess what might be described as Societal Safety and Security. The assertion is that low crime rates, minimal terrorist activity and violent demonstrations, harmonious relations with neighbouring countries, a stable political scene and a small proportion of the population being internally displaced or made refugees can be equated with peacefulness.

Seven further indicators are related to a country's Militarisation-reflecting the link between a country's level of military build-up and access to weapons and its level of peacefulness, both domestically and internationally. Comparable data on military expenditure as a percentage of GDP and the number of armed service officers per head are gauged, as are financial contributions to UN peacekeeping missions.



Min. Year:2017 Max. Year: 2017  
N: 161



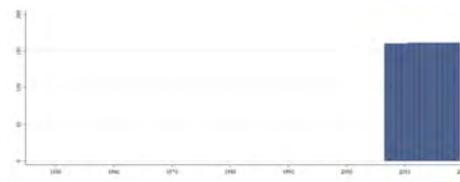
Min. Year:2007 Max. Year: 2019  
N: 162 n: 2089  $\bar{N}$ : 161  $\bar{T}$ : 13

#### 4.47.4 Incarceration (1-5 Higher incarceration) (gpi\_jail)

Prison population rates per 100,000 of the national population. Scaled 1 to 5, 5 having a higher incarceration rate. Source: International Centre for Prison Studies, King's College London, World Prison Population List.



Min. Year:2017 Max. Year: 2017  
N: 161



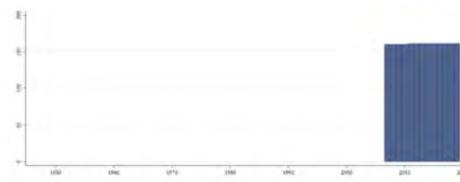
Min. Year:2007 Max. Year: 2019  
N: 162 n: 2089  $\bar{N}$ : 161  $\bar{T}$ : 13

#### 4.47.5 Militarisation (1-5 Higher militarisation) (gpi\_mil)

Militarisation (Scaled 1 to 5, 5 being more militarised) is one of the three subdomains of the GPI. It reflects the link between a country's level of military build-up and access to weapons and its level of peacefulness, both domestically and internationally.



Min. Year:2017 Max. Year: 2017  
N: 161



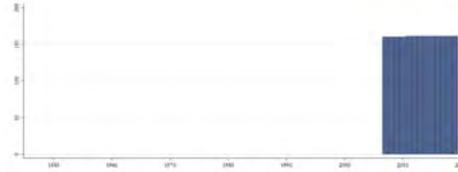
Min. Year:2007 Max. Year: 2019  
N: 162 n: 2089  $\bar{N}$ : 161  $\bar{T}$ : 13

#### 4.47.6 Safety and Security (1-5 Less secure) (gpi\_ss)

Societal Safety and Security (Scaled 1 to 5, 5 being less secure) is one of the three subdomains of the GPI. Low crime rates, minimal terrorist activity and violent demonstrations, harmonious relations with neighbouring countries, a stable political scene and a small proportion of the population being internally displaced or made refugees can be equated with peacefulness.



Min. Year: 2017 Max. Year: 2017  
N: 161



Min. Year: 2007 Max. Year: 2019  
N: 162 n: 2089  $\bar{N}$ : 161  $\bar{T}$ : 13

#### 4.48 Gerring, Thacker and Moreno

<http://www.bu.edu/sthacker/research/articles-and-data/>  
(Gerring et al., 2005)  
(Data downloaded: 2020-09-22)

##### Centripetal Democratic Governance

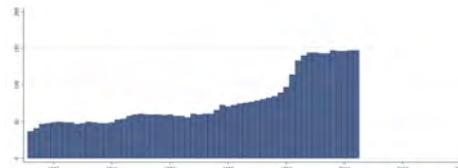
Data used in the book *A Centripetal Theory of Democratic Governance* (Gerring, John and Thacker, Strom C, 2008).

##### 4.48.1 Parliamentarism (gtm\_parl)

The parliamentary/presidential distinction is conceptualized as a continuum with two dimensions: (a) the degree of separation (independence) between president and parliament (unity = parliamentary, separation = presidential) and, if there is any separation at all, (b) the relative power of the two players (the more power the president possesses, the more presidential is the resulting system). This complex reality is captured with a three-part coding scheme:

0. Presidential
1. Semi-presidential
2. Parliamentary

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

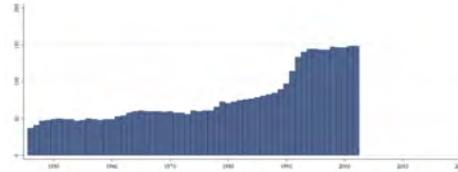
Min. Year: 1946 Max. Year: 2002  
N: 167 n: 4428  $\bar{N}$ : 78  $\bar{T}$ : 27

##### 4.48.2 Proportional Representation (gtm\_pr)

The centripetal theory of democratic governance emphasizes the following three features of an electoral system: (a) district magnitude (M), (b) seat allocation rules (majoritarian or proportional), and (c) candidate selection rules. The centripetal ideal type is defined by  $M > 1$ , proportional seat allocation rules, and party-controlled candidate selection. This is the closed-list-PR electoral system. Other systems are ranked lower in this coding according to their deviation from this ideal type. Thus, the coding for the list-PR variable is as follows:

0. Majoritarian or Preferential-vote
1. Mixed-member majority or Block vote.
2. Closed-list-PR

Variable not included  
in Cross-Section Data



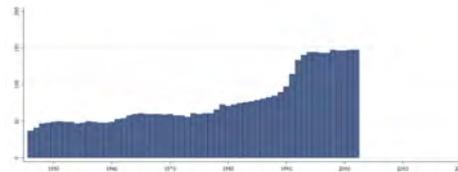
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2002  
N: 168 n: 4431  $\bar{N}$ : 78  $\bar{T}$ : 26

#### 4.48.3 Unitarism (gtm\_unit)

Average of Nonfederalism and Nonbicameralism: Nonfederalism is coded as 0 = federal (elective regional legislatures plus conditional recognition of subnational authority), 1 = semifederal (where there are elective legislatures at the regional level but in which constitutional sovereignty is reserved to the national government), or 2 = non-federal. Nonbicameralism is coded as 0 = strong bicameral (upper house has some effective veto power; the two houses are incongruent), 1 = weak bicameral (upper house has some effective veto power, though not necessarily a formal veto; the two houses are congruent), or 2 = unicameral (no upper house or weak upper house).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2002  
N: 167 n: 4428  $\bar{N}$ : 78  $\bar{T}$ : 27

#### 4.49 Andersson and Brambor

<https://www.perfandersson.com/data.html>  
(Andersson, Per F. and Thomas Brambor, 2019)  
(Data downloaded: 2020-12-02)

#### Financing the State: Government Tax Revenue from 1800 to 2012

The Financing the State: Government Tax Revenue from 1800 to 2012 dataset provides information on the size and composition of government tax revenues for 31 countries in Europe and the Americas for the period from 1800 (or independence) to 2012. It provides a comprehensive picture of the sources of government funding starting with the establishment or independence of modern nation states in the early 19th century. The original dataset contains further information on sub-categories of direct and indirect taxes, such as revenues received through property, income, excise, consumption and custom taxes.

##### 4.49.1 Share Direct Taxes (gtr\_centaxdir)

Share of total central government tax revenue from direct taxes. A direct tax is imposed directly upon an individual person (legal or natural) or property, in contrast to a tax imposed upon a transaction. Direct taxes include taxes on income, property, and other direct taxes.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2011  
N: 33 n: 1927  $\bar{N}$ : 29  $\bar{T}$ : 58

### 4.49.2 Share Direct Taxes in 1900 (gtr\_centaxdir1900)

Share of total central government tax revenue from direct taxes, in the year 1900. A direct tax is imposed directly upon an individual person (legal or natural) or property, in contrast to a tax imposed upon a transaction. Direct taxes include taxes on income, property, and other direct taxes.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 20 n: 1262  $\bar{N}$ : 19  $\bar{T}$ : 63

### 4.49.3 Share Government Revenue of GDP (gtr\_centaxgdp)

Total central government tax revenue as a share of GDP.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 33 n: 1997  $\bar{N}$ : 30  $\bar{T}$ : 61

### 4.49.4 Share Government Revenue of GDP in 1900 (gtr\_centaxgdp1900)

Total central government tax revenue as a share of GDP, in the year 1900.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 27 n: 1661  $\bar{N}$ : 25  $\bar{T}$ : 62

### 4.49.5 Share Indirect Taxes (gtr\_centaxind)

Share of total central government tax revenue from property taxes, most importantly levies on land and real estate. These include (i) recurrent taxes on immovable property, (ii) recurrent taxes on net wealth, (iii) estate, inheritance, and gift taxes, (iv) taxes in financial and capital transactions, (v) other taxes on property.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2011  
N: 33 n: 1924  $\bar{N}$ : 29  $\bar{T}$ : 58

### 4.49.6 Share Indirect Taxes in 1900 (gtr\_centaxind1900)

Share of total central government tax revenue from property taxes, most importantly levies on land and real estate, in the year 1900. These include (i) recurrent taxes on immovable property, (ii) recurrent taxes on net wealth, (iii) estate, inheritance, and gift taxes, (iv) taxes in financial and capital transactions, (v) other taxes on property.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 26 n: 1594  $\bar{N}$ : 24  $\bar{T}$ : 61

### 4.49.7 Total Central Govt Revenue (millions, local currency) (gtr\_centaxtot)

Total central government tax revenue (in millions of local currency). Taxes are defined as compulsory and unrequited levies by the government, following the Organisation for Economic Co-operation and Development (OECD). Excluded are social security contributions and non-tax revenues.

## Variable not included in Cross-Section Data



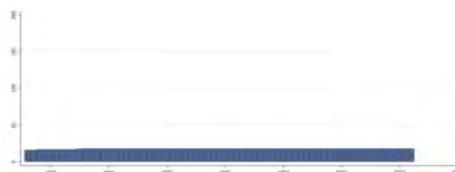
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2011  
N: 33 n: 2011  $\bar{N}$ : 30  $\bar{T}$ : 61

### 4.49.8 Total Central Govt Revenue in 1850 (millions, local currency) (gtr\_centaxtot1850)

Total central government tax revenue (in millions of local currency), in the year 1850. Taxes are defined as compulsory and unrequited levies by the government, following the Organisation for Economic Co-operation and Development (OECD). Excluded are social security contributions and non-tax revenues.

## Variable not included in Cross-Section Data



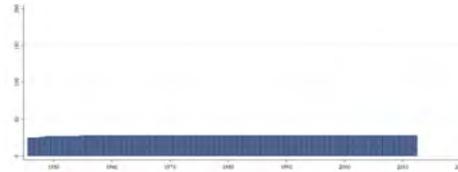
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 19 n: 1195  $\bar{N}$ : 18  $\bar{T}$ : 63

#### 4.49.9 Total Central Govt Revenue in 1900 (millions, local currency) (gtr\_centax-tot1900)

Total central government tax revenue (in millions of local currency), in the year 1900. Taxes are defined as compulsory and unrequited levies by the government, following the Organisation for Economic Co-operation and Development (OECD). Excluded are social security contributions and non-tax revenues.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 30 n: 1862  $\bar{N}$ : 28  $\bar{T}$ : 62

#### 4.50 Geddes, Wright and Frantz

<http://sites.psu.edu/dictators/>  
(Geddes et al., 2014)  
(Data downloaded: 2020-10-27)

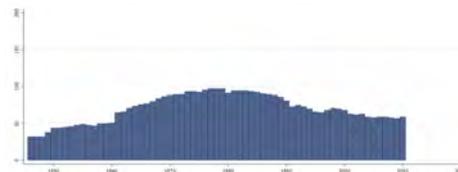
##### Autocratic Regime Data: Autocratic Regimes

When the leader of an autocratic regime loses power, one of three things happens. The incumbent leadership group is replaced by democratically elected leaders. Someone from the incumbent leadership group replaces them, and the regime persists. Or the incumbent leadership group loses control to a different group that replaces it with a new autocracy. The data set facilitates the investigation of all three kinds of transition. The data identify how regimes exit power, how much violence occurs during transitions, and whether the regimes that precede and succeed them are autocratic. The data identify autocratic regime breakdowns regardless of whether the country democratizes, which makes possible the investigation of why the ouster of dictators sometimes leads to democracy but often does not, and many other questions.

##### 4.50.1 Duration of Autocratic Regime (gwf\_duration)

Time-varying duration of autocratic regime up to time  $t$ .

Variable not included  
in Cross-Section Data



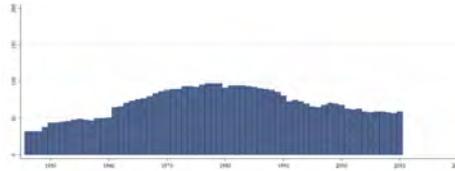
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2010  
N: 123 n: 4554  $\bar{N}$ : 70  $\bar{T}$ : 37

##### 4.50.2 Regime Failure (gwf\_fail)

Binary indicator of autocratic regime failure.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

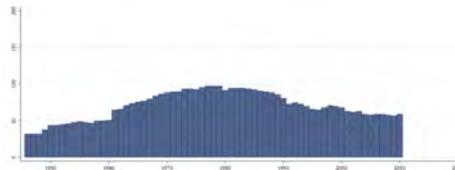
Min. Year:1946 Max. Year: 2010  
N: 123 n: 4554  $\bar{N}$ : 70  $\bar{T}$ : 37

### 4.50.3 Regime Failure - Subsequent Regime Type (gwf\_failsub)

Categorical variable marking the subsequent regime type:

0. No regime failure at duration time t and regime still in power December 31, 2010
1. Subsequent regime is democracy
2. Subsequent regime is autocratic
3. Subsequent regime is warlord, foreign-occupied or ceases to exist

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

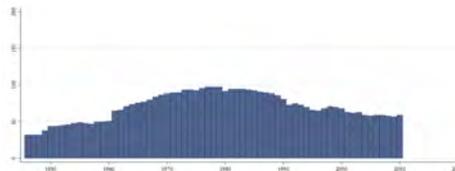
Min. Year:1946 Max. Year: 2010  
N: 123 n: 4554  $\bar{N}$ : 70  $\bar{T}$ : 37

### 4.50.4 Regime Failure - Ending Type (gwf\_failtype)

Categorical variable marking how the autocratic regime ends:

0. Regime still in power on December 31, 2010
1. Regime insiders change rules of regime
2. Incumbent loses elections
3. No incumbent runs in competitive election won by opponent
4. Popular uprising
5. Military coup
6. Insurgents, revolutionaries, or combatants fighting a civil war
7. Foreign imposition or invasion
8. New autocratic leader selected, changes rules, and remains in power
9. State ceases to exist, ends or government fails to control most of the country's territory

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2010  
N: 123 n: 4554  $\bar{N}$ : 70  $\bar{T}$ : 37

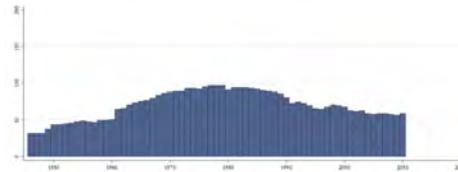
### 4.50.5 Regime Failure - Level of Violence (gwf\_failviolent)

Categorical variable marking the level of violence during the autocratic regime failure event:

- 0: Regime still in power on December 31, 2010
1. No deaths
2. 1-25 deaths

3. 26-1000 deaths
4. >1000

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

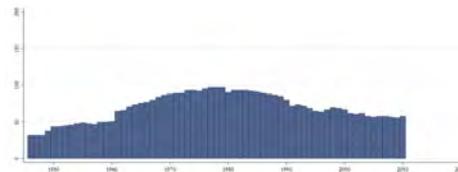
Min. Year:1946 Max. Year: 2010  
N: 123 n: 4554  $\bar{N}$ : 70  $\bar{T}$ : 37

#### 4.50.6 Regime Type (gwf\_regimetype)

Autocratic regime type:

1. Monarchy
2. Personal
3. Military
4. Party
5. Party-Personal
6. Party-Military
7. Military-Personal
8. Party-Personal-Military
9. Oligarchy
10. Indirect Military

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2010  
N: 123 n: 4523  $\bar{N}$ : 70  $\bar{T}$ : 37

#### 4.51 Witold Henisz

<https://mgmt.wharton.upenn.edu/profile/1327>  
(Henisz, 2017)  
(Data downloaded: 2020-10-05)

#### Political Constraint Index (POLCON) Dataset

The measure of political constraints employed estimates the feasibility of policy change (the extent to which a change in the preferences of any one actor may lead to a change in government policy) using the following methodology. First, extracting data from political science databases, it identifies the number of independent branches of government (executive, lower and upper legislative chambers) with veto power over policy change. The preferences of each of these branches and the status quo policy are then assumed to be independently and identically drawn from a uniform, unidimensional policy space. This assumption allows for the derivation of a quantitative measure of institutional hazards using a simple spatial model of political interaction.

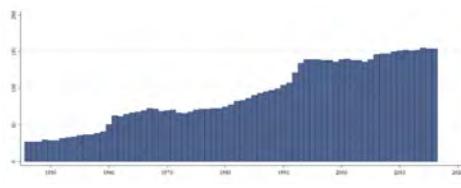
##### 4.51.1 Alignment Executive/Legislative Chamber (lower) (h\_alignl1)

Dummy variable indicating alignment between the executive and the lower legislative chamber, coded 1 when the party controlling the executive branch is either the largest party in the lower legislative

chamber or is a member of a ruling coalition in that chamber.



Min. Year:2015 Max. Year: 2016  
N: 155



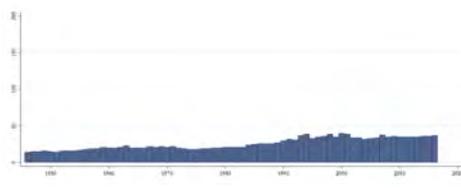
Min. Year:1946 Max. Year: 2016  
N: 178 n: 6486  $\bar{N}$ : 91  $\bar{T}$ : 36

#### 4.51.2 Alignment Lower/Upper Legislative Chamber (h\_align112)

Dummy variable indicating alignment between the legislative chambers, coded 1 when the same party or a coalition of parties (when available) control a majority in both legislative chambers.



Min. Year:2016 Max. Year: 2016  
N: 37



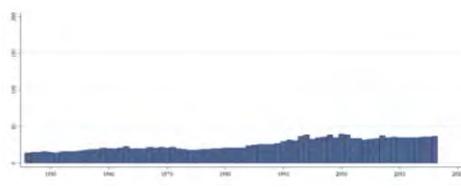
Min. Year:1946 Max. Year: 2016  
N: 66 n: 1825  $\bar{N}$ : 26  $\bar{T}$ : 28

#### 4.51.3 Alignment Executive/Legislative Chamber (upper) (h\_align12)

Dummy variable indicating alignment between the executive and the upper legislative chamber, coded 1 when the party controlling the executive branch is either the largest party in the upper legislative chamber or is a member of a ruling coalition in that chamber.



Min. Year:2016 Max. Year: 2016  
N: 37



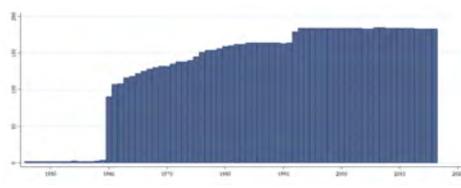
Min. Year:1946 Max. Year: 2016  
N: 66 n: 1825  $\bar{N}$ : 26  $\bar{T}$ : 28

#### 4.51.4 Independent Sub-Federal Unit (h\_f)

Dummy variable coded 1 if there are independent sub-federal units (states, provinces, regions etc.) that impose substantive constraints on national fiscal policy.



Min. Year:2016 Max. Year: 2016  
N: 183



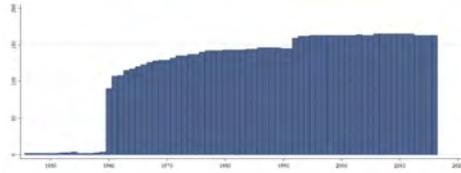
Min. Year:1946 Max. Year: 2016  
N: 200 n: 9196  $\bar{N}$ : 130  $\bar{T}$ : 46

#### 4.51.5 Independent Judiciary (h\_j)

Dummy variable coded 1 if there is an independent judiciary (based on information from Polity's Executive Constraints, p\_xconst) and - where available - on ICRG's index of Law & Order.



Min. Year:2016 Max. Year: 2016  
N: 163



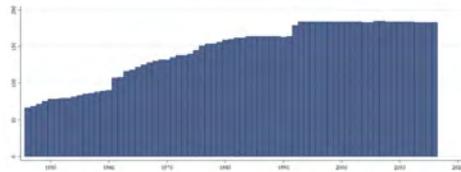
Min. Year:1946 Max. Year: 2016  
N: 183 n: 8387  $\bar{N}$ : 118  $\bar{T}$ : 46

#### 4.51.6 Legislative Chamber (h<sub>11</sub>)

Dummy variable coded 1 if there is an effective legislative chamber (based on information from Polity's Executive Constraints, p\_xconst).



Min. Year:2016 Max. Year: 2016  
N: 183



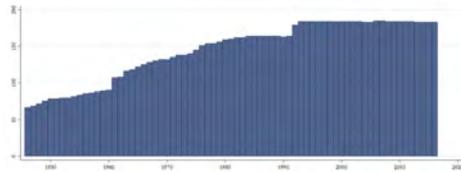
Min. Year:1946 Max. Year: 2016  
N: 200 n: 10282  $\bar{N}$ : 145  $\bar{T}$ : 51

#### 4.51.7 2nd Legislative Chamber (h<sub>12</sub>)

Dummy variable coded 1 if there is an effective second legislative chamber, namely, where h<sub>11</sub>=1 and records on the composition of a second chamber exist - where that chamber is elected under a distinct electoral system and has a substantive (not merely delaying) role in the implementation of fiscal policy.



Min. Year:2016 Max. Year: 2016  
N: 183



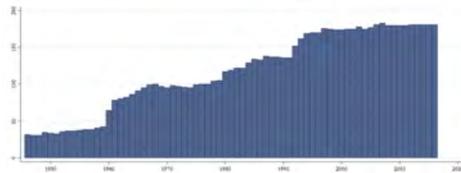
Min. Year:1946 Max. Year: 2016  
N: 200 n: 10282  $\bar{N}$ : 145  $\bar{T}$ : 51

#### 4.51.8 Legislative Fractionalization (lower) (h<sub>lflo</sub>)

Legislative fractionalization is approximately the probability that two random draws from the lower legislative chamber will be from different parties.



Min. Year:2016 Max. Year: 2016  
N: 181



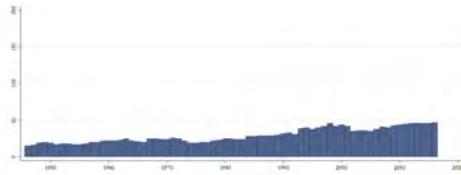
Min. Year:1946 Max. Year: 2016  
N: 195 n: 8323  $\bar{N}$ : 117  $\bar{T}$ : 43

#### 4.51.9 Legislative Fractionalization (upper) (h<sub>lfup</sub>)

Legislative fractionalization is approximately the probability that two random draws from the upper legislative chamber will be from different parties.



Min. Year:2016 Max. Year: 2016  
N: 47



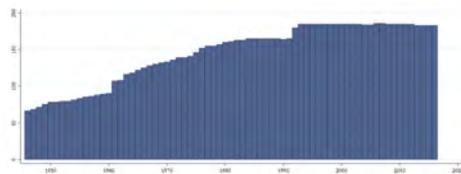
Min. Year:1946 Max. Year: 2016  
N: 75 n: 2069  $\bar{N}$ : 29  $\bar{T}$ : 28

#### 4.51.10 Political Constraints Index III (h\_polcon3)

This index measures the feasibility of policy change, i.e. the extent to which a change in the preferences of any one political actor may lead to a change in government policy. The index is composed from the following information: the number of independent branches of government with veto power over policy change, counting the executive and the presence of an effective lower and upper house in the legislature (more branches leading to more constraint); the extent of party alignment across branches of government, measured as the extent to which the same party or coalition of parties control each branch (decreasing the level of constraint); and the extent of preference heterogeneity within each legislative branch, measured as legislative fractionalization in the relevant house (increasing constraint for aligned executives, decreasing it for opposed executives). The index scores are derived from a simple spatial model and theoretically ranges from 0 to 1, with higher scores indicating more political constraint and thus less feasibility of policy change. Note that the coding reflects information as of January 1 in any given year. Henisz (2002) uses this index to demonstrate that political environments that limit the feasibility of policy change are an important determinant of investment in infrastructure.



Min. Year:2016 Max. Year: 2016  
N: 183



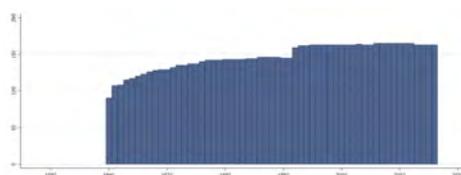
Min. Year:1946 Max. Year: 2016  
N: 201 n: 10325  $\bar{N}$ : 145  $\bar{T}$ : 51

#### 4.51.11 Political Constraints Index V (h\_polcon5)

This index follows the same logic as Political Constraints Index III (h\_polcon3) but also includes two additional veto points: the judiciary and sub-federal entities. Note that the coding reflects information as of January 1 in any given year. Henisz (2000) uses this index to measure the impact on cross-national growth rates of a government's ability to provide credible commitment.



Min. Year:2016 Max. Year: 2016  
N: 163



Min. Year:1960 Max. Year: 2016  
N: 183 n: 8352  $\bar{N}$ : 147  $\bar{T}$ : 46

## 4.52 Heritage Foundation

<http://www.heritage.org/index/explore>  
(Miller et al., 2020)  
(Data downloaded: 2020-10-27)

## Index of Economic Freedom

The Index of Economic Freedom covers 10 freedoms - from property rights to entrepreneurship - in 186 countries.

Note: For the 2015, most data covers the second half of 2013 through the first half of 2014. To the extent possible, the information considered for each factor was current as of June 30, 2014. It is important to understand that some factors are based on historical information. For example, the monetary policy factor is a 3-year weighted average rate of inflation from January 1, 2011, to December 31, 2013.

### 4.52.1 Business Freedom (hf\_business)

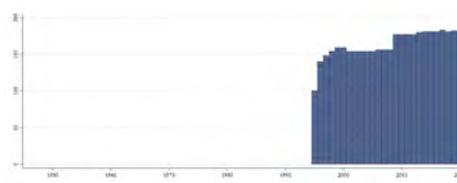
The business freedom score encompasses 10 components, all weighted equally, based on objective data from the World Bank's Doing Business study (in 2005-2006; previously other data sources were being used):

- Starting a business - procedures (number)
- Starting a business - time (days)
- Starting a business - cost (% of income per capita)
- Starting a business - minimum capital (% of income per capita)
- Obtaining a license - procedures (number)
- Obtaining a license - time (days)
- Obtaining a license - cost (% of income per capita)
- Closing a business - time (years)
- Closing a business - cost (% of estate)
- Closing a business - recovery rate (cents on the dollar)

Each of these raw components is converted into a scale graded from 0 to 100, where 100 represents the maximum degree of business freedom.



Min. Year:2017 Max. Year: 2017  
N: 183



Min. Year:1995 Max. Year: 2020  
N: 184 n: 4257  $\bar{N}$ : 164  $\bar{T}$ : 23

### 4.52.2 Economic Freedom Index (hf\_efiscore)

The Economic Freedom index uses 10 specific freedoms, some as composites of even further detailed and quantifiable components:

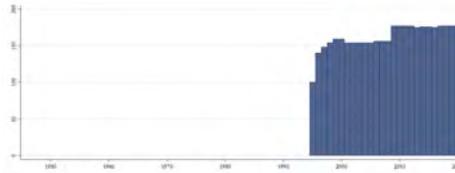
- Business freedom (hf\_business)
- Trade freedom (hf\_trade)
- Fiscal freedom (hf\_fiscal)
- Freedom from government (hf\_govt)
- Monetary freedom (hf\_monetary)
- Investment freedom (hf\_invest)
- Financial freedom (hf\_financ)
- Property rights (hf\_prights)
- Freedom from corruption (hf\_corrupt)
- Labor freedom (hf\_labor).

Each of these freedoms is weighted equally and turned into an index ranging from 0 to 100, where 100 represents the maximum economic freedom. Although changes in methodology have been undertaken throughout the measurement period, continuous backtracking has been used to maximize

comparability over time.



Min. Year:2015 Max. Year: 2017  
N: 178



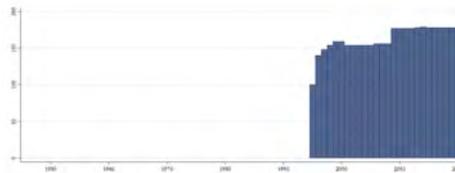
Min. Year:1995 Max. Year: 2020  
N: 182 n: 4216  $\bar{N}$ : 162  $\bar{T}$ : 23

#### 4.52.3 Financial Freedom (hf\_financ)

The financial freedom factor measures the relative openness of each country’s banking and financial system by determining: the extent of government regulation of financial services; the extent of state intervention in banks and other financial services; the difficulty of opening and operating financial services firms (for both domestic and foreign individuals); and government influence on the allocation of credit. The country’s financial climate is measured as an overall score between 0 and 100, where 100 represent the maximum degree of financial freedom.



Min. Year:2014 Max. Year: 2017  
N: 181



Min. Year:1995 Max. Year: 2020  
N: 183 n: 4231  $\bar{N}$ : 163  $\bar{T}$ : 23

#### 4.52.4 Fiscal Health (hf\_fishealth)

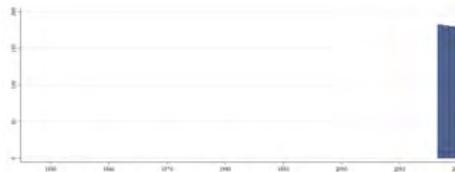
The score for the fiscal health component is based on two sub-factors, which are weighted as follows in calculating the overall component score:

- Average deficits as a percentage of GDP for the most recent three years (80 percent of score)
- Debt as a percentage of GDP (20 percent of score)

In most cases, the Index uses general government deficit and debt data that include all levels of government such as federal, state, and local. In cases where such general government data are not available, data on central government expenditures are used instead. For a number of countries, particularly developing countries, statistics related to budget balance as a percentage of GDP are subject to frequent revisions by data sources such as the IMF.



Min. Year:2017 Max. Year: 2017  
N: 182



Min. Year:2017 Max. Year: 2020  
N: 182 n: 722  $\bar{N}$ : 181  $\bar{T}$ : 4

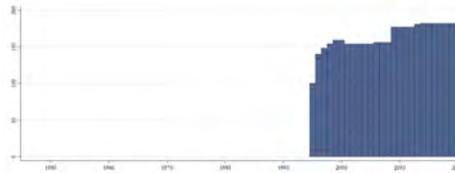
#### 4.52.5 Government Integrity (hf\_govint)

Scale from 0 to 100, where 100 indicates very little corruption.

Corruption erodes economic freedom by introducing insecurity and uncertainty into economic relationships. The score for this component is derived primarily from Transparency International’s Corruption Perceptions Index (CPI) for 2011, which measures the level of corruption in 183 countries.



Min. Year:2017 Max. Year: 2017  
N: 182



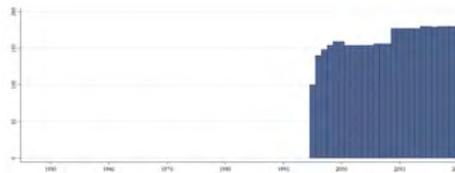
Min. Year:1995 Max. Year: 2020  
N: 183 n: 4261  $\bar{N}$ : 164  $\bar{T}$ : 23

#### 4.52.6 Freedom from Government (hf\_govt)

Scoring of the freedom from government factor is based on two components: Government expenditure as a percentage of GDP, Revenues generated by state-owned enterprises (SOEs) and property as a percentage of total government revenue. Government expenditure as a percentage of GDP is weighted as two-thirds of the freedom from government factor score, and revenue from SOEs is weighted as one-third. In cases where SOE data does not exist, the data is excluded from the factor score. The country's freedom from government ranges between 0 and 100, where 100 represents the maximum degree of freedom from government.



Min. Year:2017 Max. Year: 2017  
N: 180



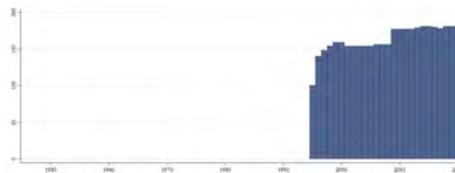
Min. Year:1995 Max. Year: 2020  
N: 182 n: 4242  $\bar{N}$ : 163  $\bar{T}$ : 23

#### 4.52.7 Investment Freedom (hf\_invest)

This factor scrutinizes each country's policies toward foreign investment, as well as its policies toward capital flows internally, in order to determine its overall investment climate. The country's investment freedom ranges between 0 and 100, where 100 represent the maximum degree of investment freedom.



Min. Year:2017 Max. Year: 2018  
N: 181



Min. Year:1995 Max. Year: 2020  
N: 183 n: 4248  $\bar{N}$ : 163  $\bar{T}$ : 23

#### 4.52.8 Judicial Effectiveness (hf\_judeffect)

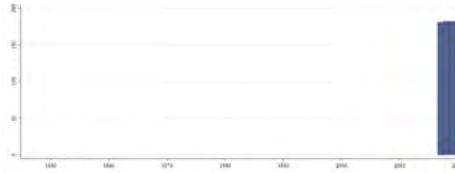
The score for the judicial effectiveness component is derived by averaging scores for the following three sub-factors, all of which are weighted equally:

- Judicial independence
- Quality of the judicial process
- Favoritism in obtaining judicial decisions.

Each of these sub-factors is derived from numerical data sets that are normalized for comparative purposes. For a few countries, comparable data were not available for every sub-factor. In each of these cases, a score was computed for the missing sub-factor based on the country's relative percentile ranking on the other sub-factors.



Min. Year:2017 Max. Year: 2018  
N: 182



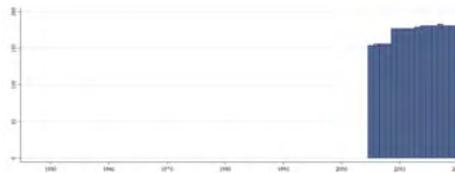
Min. Year:2017 Max. Year: 2020  
N: 182 n: 727  $\bar{N}$ : 182  $\bar{T}$ : 4

#### 4.52.9 Labor Freedom (hf\_labor)

The new labor freedom factor is a quantitative factor based on objective data from the World Bank's Doing Business study. It provides reliable cross-country data on regulations concerning minimum wages, laws inhibiting layoffs, severance requirements, and measurable regulatory burdens on hiring, hours, and so on. Specifically, four quantitative components are equally weighted as 25 percent of the labor freedom factor: Minimum wage, Rigidity of hours, Difficulty of firing redundant employees, Cost of firing redundant employees. The country's labor freedom score ranges from 0 to 100, where 100 represent the maximum degree of labor freedom.



Min. Year:2017 Max. Year: 2017  
N: 183



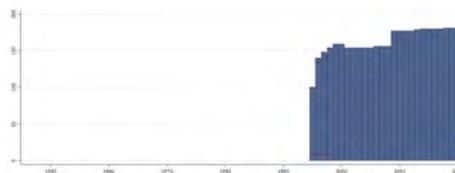
Min. Year:2005 Max. Year: 2020  
N: 183 n: 2778  $\bar{N}$ : 174  $\bar{T}$ : 15

#### 4.52.10 Monetary Freedom (hf\_monetary)

The score for the monetary freedom factor is based on two components: The weighted average inflation rate for the three most recent years, Price controls. The weighted average inflation (WAI) rate for the three most recent years serves as the primary input into an equation that generates the base score for monetary freedom (MF). The extent of price controls is then assessed as a penalty of up to 20 percent subtracted from the base score. The country's monetary freedom ranges between 0 and 100, where 100 represents the maximum degree of monetary freedom.



Min. Year:2017 Max. Year: 2018  
N: 181



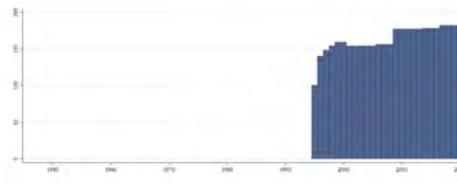
Min. Year:1995 Max. Year: 2020  
N: 182 n: 4248  $\bar{N}$ : 163  $\bar{T}$ : 23

#### 4.52.11 Property Rights (hf\_prights)

This factor scores the degree to which a country's laws protect private property rights and the degree to which its government enforces those laws. It also accounts for the possibility that private property will be expropriated. In addition, it analyzes the independence of the judiciary, the existence of corruption within the judiciary, and the ability of individuals and businesses to enforce contracts. The less certain the legal protection of property is and the greater the chances of government expropriation of property are, the higher a country's score is. The country's property rights score ranges from 0 and 100, where 100 represents the maximum degree of protection of property rights.



Min. Year:2017 Max. Year: 2017  
N: 182



Min. Year:1995 Max. Year: 2020  
N: 183 n: 4245  $\bar{N}$ : 163  $\bar{T}$ : 23

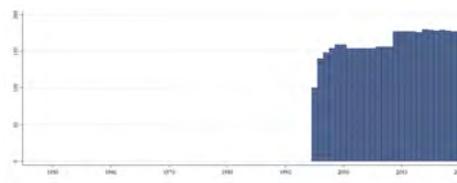
#### 4.52.12 Tax Burden (hf\_taxbur)

Tax burden is a composite measure that reflects marginal tax rates on both personal and corporate income and the overall level of taxation (including direct and indirect taxes imposed by all levels of government) as a percentage of gross domestic product (GDP).

With an equal weighting system, it allows a country to achieve a score as high as 67 percent based on two of the components even if it receives a score of 0 percent on the third. The country's fiscal freedom ranges between 0 and 100, where 100 represent the maximum degree of fiscal freedom.



Min. Year:2014 Max. Year: 2017  
N: 181



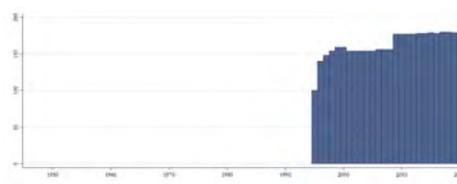
Min. Year:1995 Max. Year: 2020  
N: 183 n: 4230  $\bar{N}$ : 163  $\bar{T}$ : 23

#### 4.52.13 Trade Freedom (hf\_trade)

The trade freedom score is based on two inputs: The trade-weighted average tariff rate, Non-tariff barriers (NTBs). Weighted average tariffs is a purely quantitative measure and accounts for the basic calculation of the score. The presence of NTBs in a country affects its trade freedom score by incurring a penalty of up to 20 percentage points, or one-fifth of the maximum score. The country's trade freedom ranges between 0 and 100, where 100 represents the maximum degree of trade freedom.



Min. Year:2017 Max. Year: 2019  
N: 181



Min. Year:1995 Max. Year: 2020  
N: 183 n: 4237  $\bar{N}$ : 163  $\bar{T}$ : 23

### 4.53 Hollyer, Rosendorff and Vreeland

<http://hrvtransparency.org/>

(Hollyer et al., 2014)

(Data downloaded: 2020-09-10)

#### HRV Transparency Project

The HRV Transparency project examines the causes and consequences of government transparency both through theoretical and empirical approaches with the measure of government transparency or HRV Index. The HRV index contrasts with other measurements because it relies on a precise and narrow conception of transparency: the disclosure of policy-relevant information by the government

to the public.

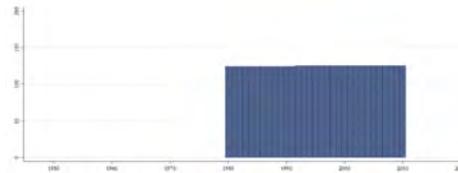
The HRV Index focuses on the availability of credible aggregate economic data. It does so by examining patterns of missing data and treating transparency as the latent term which best reflects the tendency to disclose. This measure provides observations for 125 countries from 1980-2010 and can be used to measure relationships between transparency and other issues such as democracy, accountability, or political instability. Transparency encompasses many dimensions. The HRV index measures a specific aspect of government transparency: reporting national data to international organizations. Rather than rely on expert but subjective judgments, the measure is based on objective criteria. The HRV team uses “Item Response Theory” a highly sophisticated and computationally intense method to estimate transparency. This method assigns different weights for reporting distinct measures of the economy, based on how many other countries actually reported data on the measure, and how much a country distinguishes itself from other countries by reporting data on a given measure. (Technically, the model estimates “difficulty” and “discrimination” parameters for each economic variable.)

The model analyzes 240 measures of the economy consistently collected by the World Bank’s World Development Indicators. Since the World Bank obtains its data from other international agencies that, in turn, obtain their data from national statistical offices, the HRV measure is a valid indicator of governments’ efforts to collect and disseminate economically relevant information. Moreover, because the World Bank omits data considered “questionable”, this index reflects the collection and dissemination of generally credible information about a country’s national economy.

#### 4.53.1 HRV Index (hrv\_index)

The point estimate of the HRV index. The HRV transparency index measures the availability of credible aggregate economic data that a country discloses to the public.

Variable not included  
in Cross-Section Data



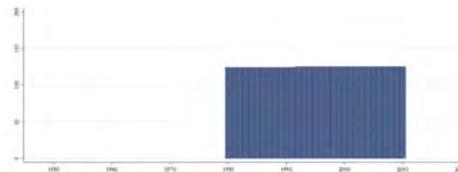
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1980 Max. Year: 2010  
N: 126 n: 3863  $\bar{N}$ : 125  $\bar{T}$ : 31

#### 4.53.2 HRV Index: Lower bound of point estimate (hrv\_lb)

The estimated lower bound of HRV index.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

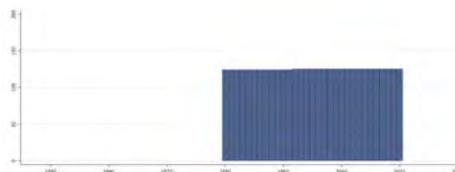
Min. Year:1980 Max. Year: 2010  
N: 126 n: 3863  $\bar{N}$ : 125  $\bar{T}$ : 31

#### 4.53.3 HRV Index: Standard deviation of point estimate (hrv\_sd)

The standard deviation of the HRV index.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



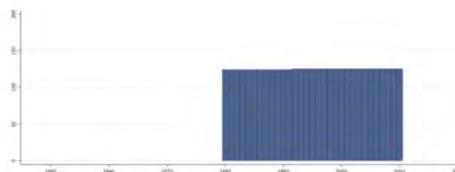
Min. Year:1980 Max. Year: 2010  
N: 126 n: 3863  $\bar{N}$ : 125  $\bar{T}$ : 31

### 4.53.4 HRV Index: Upper bound of point estimate (hrv\_ub)

The estimated upper bound of the HRV index.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1980 Max. Year: 2010  
N: 126 n: 3863  $\bar{N}$ : 125  $\bar{T}$ : 31

## 4.54 Wahman, Teorell and Hadenius

<https://sites.google.com/site/authoritarianregimedataset/data>

(Wahman et al., 2013) (Hadenius & Teorell, 2007) (Teorell & Wahman, 2018)

(Data downloaded: 2020-09-07)

### The Authoritarian Regime Dataset

The Authoritarian Regimes Dataset version 6.0 covers the time period 1972-2014 and includes all 192 nations recognized as members of the UN except the four micro states of Europe (Andorra, Liechtenstein, Monaco and San Marino) and two micro states in the Pacific that are not members of the World Bank (Nauru and Tuvalu).

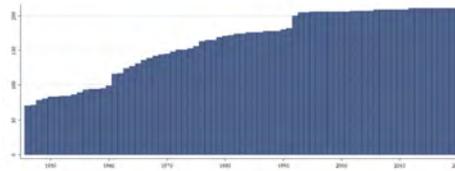
#### 4.54.1 Colonial Origin (ht\_colonial)

This is a tenfold classification of the former colonial ruler of the country. Following Bernard et al. (2004), we have excluded the British settler colonies (the US, Canada, Australia, Israel and New Zealand), and exclusively focused on “Western overseas” colonialism. This implies that only Western colonizers (e.g. excluding Japanese colonialism), and only countries located in the non-Western hemisphere “overseas” (e.g. excluding Ireland & Malta), have been coded. Each country that has been colonized since 1700 is coded. In cases of several colonial powers, the last one is counted, if it lasted for 10 years or longer. The categories are the following:

0. Never colonized by a Western overseas colonial power
1. Dutch
2. Spanish
3. Italian
4. US
5. British
6. French
7. Portuguese
8. Belgian
9. British-French
10. Australian



Min. Year:2017 Max. Year: 2017  
N: 194

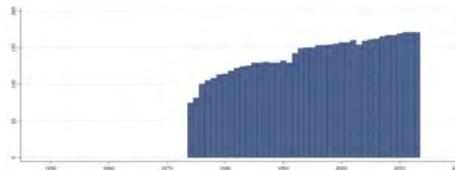


Min. Year:1946 Max. Year: 2020  
N: 211 n: 12183  $\bar{N}$ : 162  $\bar{T}$ : 58

#### 4.54.2 Size of Largest Party in Legislature (in Fractions) (ht\_partsz)

Counts the largest parties' number of seats divided by the legislative assemblies' total number of seats expressed in fractions. In countries with a two-chamber parliament the lower house is counted.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1974 Max. Year: 2013  
N: 184 n: 5590  $\bar{N}$ : 140  $\bar{T}$ : 30

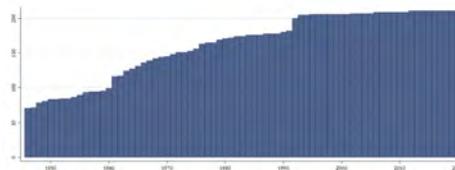
#### 4.54.3 The Region of the Country (ht\_region)

This is a tenfold politico-geographic classification of world regions, based on a mixture of two considerations: geographical proximity (with the partial exception of category 5 below) and demarcation by area specialists having contributed to a regional understanding of democratization. The categories are as follow:

1. Eastern Europe and post Soviet Union (including Central Asia)
2. Latin America (including Cuba, Haiti & the Dominican Republic)
3. North Africa & the Middle East (including Israel, Turkey & Cyprus)
4. Sub-Saharan Africa
5. Western Europe and North America (including Australia & New Zealand)
6. East Asia (including Japan & Mongolia)
7. South-East Asia
8. South Asia
9. The Pacific (excluding Australia & New Zealand)
10. The Caribbean (including Belize, Guyana & Suriname, but excluding Cuba, Haiti & the Dominican Republic)



Min. Year:2017 Max. Year: 2017  
N: 194



Min. Year:1946 Max. Year: 2020  
N: 211 n: 12183  $\bar{N}$ : 162  $\bar{T}$ : 58

#### 4.54.4 Regime Type (ht\_regtype)

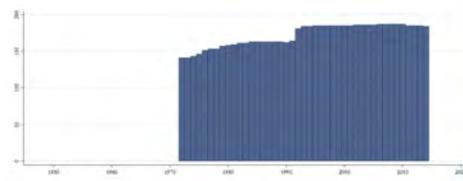
This typology of authoritarian regimes is based on a distinction between three modes of political power maintenance (probably the three most widely used throughout history): hereditary succession (lineage), corresponding to monarchies; the actual or threatened use of military force, corresponding to military regimes; and popular elections, designating electoral regimes. Among the latter we distinguish among no-party regimes (where all parties are prohibited), one-party regimes (where all but one party is prohibited), and limited multiparty regimes (where multiple parties are allowed but the system still does not pass as democratic); a subtype of these regimes where no parties are present,

although not being prohibited, are coded as “partyless” regimes. A subtype of military regimes are coded “rebel regimes”, where a rebel movement has taken power by military means. We also code hybrids (or amalgams) combining elements from more than one regime type, as well as several minor types of regimes: “theocracies”, “transitional” regimes, “civil war”, foreign “occupation”, and a residual “other” category. Using the mean of the Freedom House and Polity scales (fh\_ipolity2), the line between democracies and autocracies is drawn at 7.5. This threshold value was chosen by estimating the mean cutoff point separating democracy from autocracy in five well-known categorical measures of democracy: those of Przeworski et al. (2000), Mainwaring et al. (2001), and Reich (2002), together with Freedom House’s and Polity’s own categorical thresholds for democracy.

1. Limited Multiparty
2. Partyless
3. No-Party
4. Military
5. Military No-Party
6. Military Multiparty
7. Military One-party
8. One-Party
9. Other
16. One-Party Monarchy
17. Monarchy
18. Rebel Regime
19. Civil War
20. Occupation
21. Theocracy
22. Transitional Regime
23. No-Party Monarchy
24. Multiparty Monarchy
25. Multiparty-Occupied
100. Democracy



Min. Year:2014 Max. Year: 2014  
N: 184



Min. Year:1972 Max. Year: 2014  
N: 199 n: 7390  $\bar{N}$ : 172  $\bar{T}$ : 37

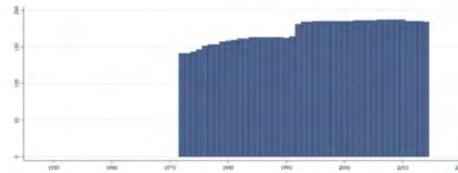
#### 4.54.5 Regime Type (simplified) (ht\_regtype1)

A simplified, collapsed version of ht\_regtype, where all monarchical regimes with amalgams [ht\_regtype =16, 17, 23 or 24] are treated as monarchies, all military regimes with sub-types and amalgams [ht\_regtype=4, 5, 6, 7 or 18] are treated as military regimes, and multiparty regimes with sub-types are treated as multiparty regimes [ht\_regtype=1 or 2]. Only pure noparty [ht\_regtype=3] and one-party [ht\_regtype=8] regimes are treated as no-party and one-party regimes, respectively. The minor types [ht\_regtype=9, 19, 20, 21, 22 or 25] are treated as other.

1. Monarchy
2. Military
3. One party
4. Multi-party
9. No-party
99. Other
100. Democracy



Min. Year:2014 Max. Year: 2014  
N: 184



Min. Year:1972 Max. Year: 2014  
N: 199 n: 7390  $\bar{N}$ : 172  $\bar{T}$ : 37

## 4.55 Institutions and Elections Project

<https://hvardhegre.net/iaep/>

(Wig et al., 2015)

(Data downloaded: 2020-11-13)

### Institutions and Elections Project Data

Institutions and Elections Project Data (version 2.0). The objective of the data from the Institutions and Elections Project (IAEP) is to describe the formal institutions that are in place, even if practice does not comport with those formal rules. The data refers to the situation January 1st each year. Note: According to the documentation of the data many of the cases “have more than one executive; [...] the executive referred to may be any one of the executives established in a country”. We urge users to refer to the documentation at the IAEP web site for information about which executive each particular case refers to.

Note: Changes from the original version: The dataset has two types of missing values, logical missing values and actual missing values. In the QoG data, logical missing values were recoded to actual missing values. To access data with logical missing values please use original dataset.

Source: IAEP (Wig et al, 2015).

Find the article at <http://journals.sagepub.com/doi/abs/10.1177/2053168015579120>

#### 4.55.1 Appointment of Executive (iaep\_ae)

Is there an executive appointed either by a PM (that is, an executive who is also a member of the legislature) or a president (an independently selected executive)?

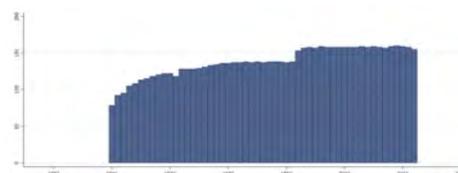
0. No

1. Yes

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 7317  $\bar{N}$ : 138  $\bar{T}$ : 42

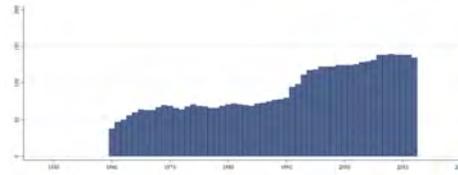
#### 4.55.2 Appointments/Elections to Constitutional Court (iaep\_aecc)

Are members of this court (see iaep\_cc) appointed or elected? “Elected” here refers to a popular election. Elections by legislative bodies are considered appointments.

1. Appointed
2. Elected

Source: IAEP (Wig et al, 2015)

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 156 n: 4814  $\bar{N}$ : 91  $\bar{T}$ : 31

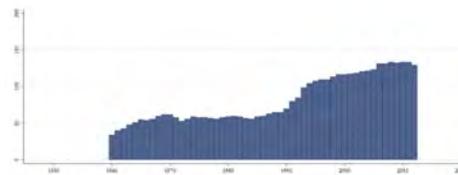
#### 4.55.3 Appointment for Life to Constitutional Court (iaep\_alcc)

Are members of the court are appointed for life?

0. No
1. Yes

Source: IAEP (Wig et al, 2015)

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 149 n: 4309  $\bar{N}$ : 81  $\bar{T}$ : 29

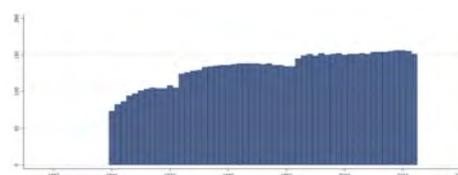
#### 4.55.4 Appointment of Regional Representatives (iaep\_arr)

This variable examine the relationship between the central and regional governments, those which are immediately below the central government. We focus exclusively on states or provincial levels of government, municipalities are not coded. In practice, do regions or provinces:

1. Appoint, elect or otherwise choose their own representatives autonomous from decisions by the central government
2. Have their administrators appointed by the central government
3. No regional/provincial governments

Source: IAEP (Wig et al, 2015)

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 7039  $\bar{N}$ : 133  $\bar{T}$ : 40

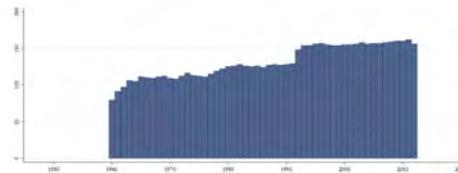
#### 4.55.5 Banning of Anti-System Parties (iaep\_basp)

Does an anti-system platform determine the banning of parties?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 6969  $\bar{N}$ : 131  $\bar{T}$ : 40

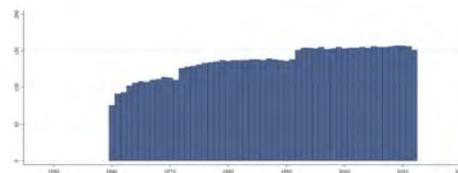
#### 4.55.6 Banned Parties (iaep\_bp)

Are there banned parties?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 174 n: 7182  $\bar{N}$ : 136  $\bar{T}$ : 41

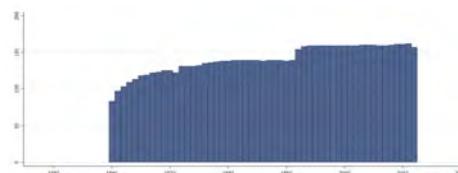
#### 4.55.7 Some other executive have the power to call elections (iaep\_callo)

Does some other executive have the power to call elections?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 7438  $\bar{N}$ : 140  $\bar{T}$ : 43

#### 4.55.8 Constitutional Court (iaep\_cc)

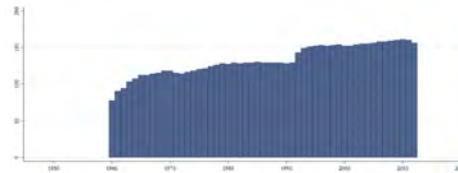
According to the constitution, does the country have a national constitutional court? In some cases, a council with the powers of a constitutional court may exist, though it may not be part of the formal judiciary. In such cases, this non-judicial council with the powers of a constitutional court is coded as the constitutional court.

- 0. No

1. Yes

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 7031  $\bar{N}$ : 133  $\bar{T}$ : 40

#### 4.55.9 Constitutional Court Rules on Executive Actions (iaep\_ccrea)

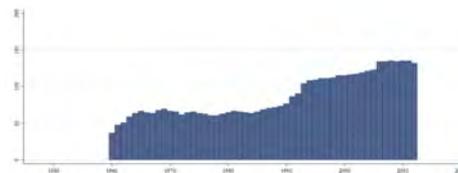
Can the court rule on executive actions?

0. No

1. Yes

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 151 n: 4584  $\bar{N}$ : 86  $\bar{T}$ : 30

#### 4.55.10 Constitutional Court Rules on Legislative Actions (iaep\_ccrla)

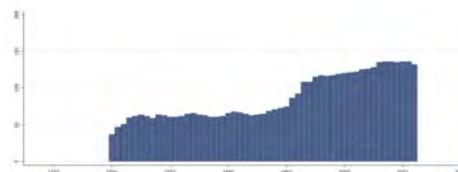
Can the court rule on legislative actions?

0. No

1. Yes

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 153 n: 4608  $\bar{N}$ : 87  $\bar{T}$ : 30

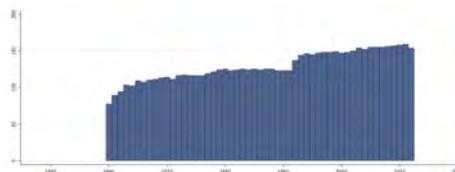
#### 4.55.11 The Age of the Constitution (years) (iaep\_const)

How long has the current constitution existed (years since the constitution was established)?

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 173 n: 6839  $\bar{N}$ : 129  $\bar{T}$ : 40

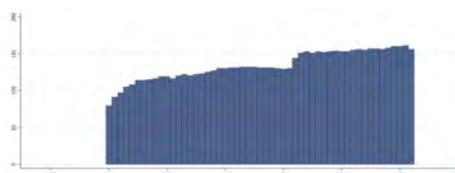
### 4.55.12 The Time the Constitution has been in Effect (years) (iaep\_constin)

How long has the current constitution been in effect (in years)?

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 7101  $\bar{N}$ : 134  $\bar{T}$ : 41

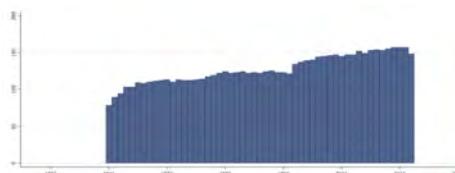
### 4.55.13 The Time since the Last Amendment of Constitution (years) (iaep\_constlam)

How many years since the last amendment (in years)?

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 174 n: 6745  $\bar{N}$ : 127  $\bar{T}$ : 39

### 4.55.14 Ethnicity Based Banning of Parties (iaep\_ebbp)

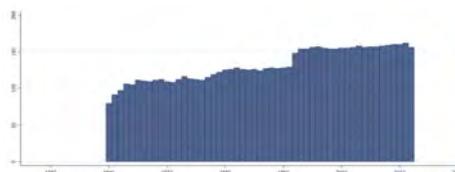
Does ethnic makeup determine the banning of parties?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 6969  $\bar{N}$ : 131  $\bar{T}$ : 40

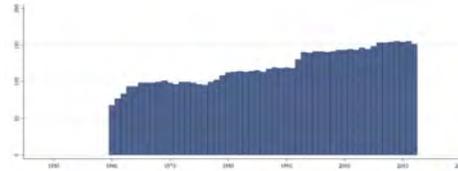
#### 4.55.15 Executive Can Change Domestic Taxes (iaep\_eccdt)

Can an executive change domestic taxes (excluding import/export tariffs) without legislative approval?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 6342  $\bar{N}$ : 120  $\bar{T}$ : 36

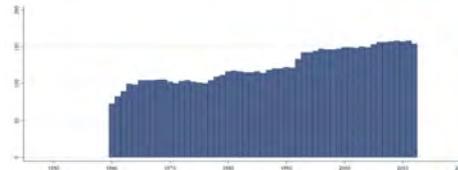
#### 4.55.16 Executive Can Dissolve Legislature (iaep\_ecdl)

According to the constitution, can an executive dissolve the legislature?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 6551  $\bar{N}$ : 124  $\bar{T}$ : 37

#### 4.55.17 Election of the Executive (iaep\_ee)

Is the executive elected by:

- 1. Directly elected by public vote
- 2. Elected through legislative action by members of the legislature
- 3. Chosen through party process strictly by a party
- 4. Indirect public vote
- 5. Appointed

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 152 n: 5466  $\bar{N}$ : 103  $\bar{T}$ : 36

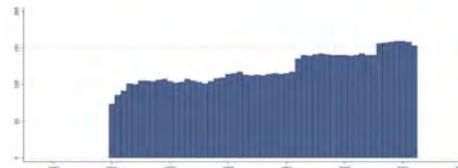
#### 4.55.18 Executive is Member of Legislature (iaep\_ eml)

Is there an executive who is also a member of the legislature (like a prime minister, for example)? We consider membership in the legislature if either an explicit rule exists which requires an executive to maintain a seat in the legislature, or if practice and/or convention determines membership.

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 173 n: 6455  $\bar{N}$ : 122  $\bar{T}$ : 37

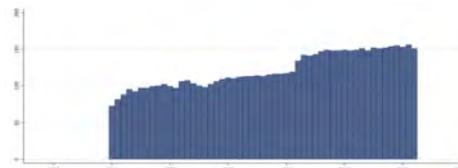
#### 4.55.19 Executive Nomination of Legislature Candidates (iaep\_ enlc)

Does executive nomination establish how the field of candidates who stand for legislative elections is determined?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 173 n: 6442  $\bar{N}$ : 122  $\bar{T}$ : 37

#### 4.55.20 Executive Power over Military Force (iaep\_ epmf)

Does an executive have the power to use military force abroad without legislative approval?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 174 n: 6397  $\bar{N}$ : 121  $\bar{T}$ : 37

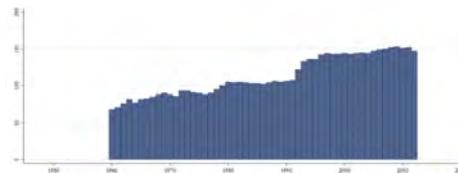
#### 4.55.21 Electoral System (iaep\_es)

What is the type of electoral system for legislative elections?

1. Plurality (First past the post)
2. Majority
3. Proportional representation
4. Mixed systems (combination of PR and either plurality or majority). This option includes situations in which a single chamber contains seats selected by different methods, or situations in which all of the seats in a chamber are chosen with the same method, but each chamber is selected through different methods.

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A  
Min. Year:1960 Max. Year: 2012  
N: 169 n: 5990  $\bar{N}$ : 113  $\bar{T}$ : 35

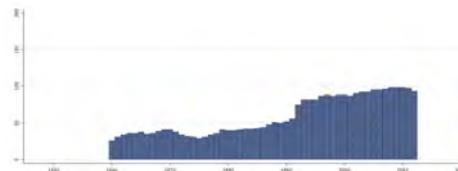
#### 4.55.22 Electoral System for the Executive (iaep\_ese)

Election rules governing the determination of electoral outcomes for the executive: we record data on the electoral requirements for winning executive elections, specifically, the sorts of vote thresholds required for winners. If the executive is appointed or otherwise comes to power via non-electoral processes, we code this as missing.

1. Majority rule (50% + 1) Where run-offs are held, "majority rule" is selected, as the intention of a run-off election is to have one candidate receive a majority of the votes.
2. Plurality
3. No official, explicit, rule governing the outcome
4. Party leader of majority party/coalition in legislature automatically selected without additional process

Source: IAEP (Wig et al, 2015)

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A  
Min. Year:1960 Max. Year: 2012  
N: 111 n: 3138  $\bar{N}$ : 59  $\bar{T}$ : 28

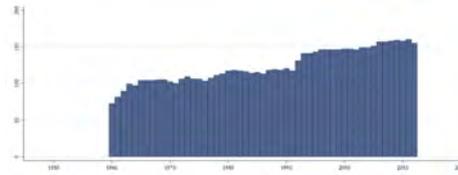
#### 4.55.23 Executive Veto Power (iaep\_evp)

Does an executive have constitutional veto power over laws passed by the legislature?

0. No
1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 6560  $\bar{N}$ : 124  $\bar{T}$ : 37

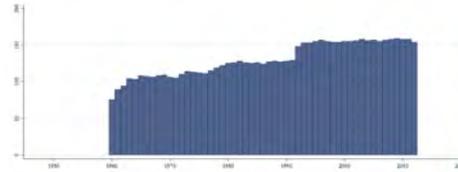
### 4.55.24 Independence of Selection of Executive (iaep\_ise)

Is there an executive chosen independently of the legislature (like a president, for example)? If these processes that select the executive is distinct from that which selects the legislature, then we consider the two to be independent. The selection processes, moreover, can involve different - albeit competing or complimentary - forms of selection.

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 6915  $\bar{N}$ : 130  $\bar{T}$ : 40

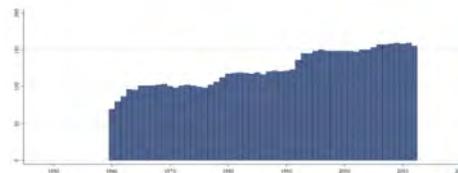
### 4.55.25 Legislature Approves Budget (iaep\_lap)

Does an executive have to secure legislative approval for the budget?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 174 n: 6551  $\bar{N}$ : 124  $\bar{T}$ : 38

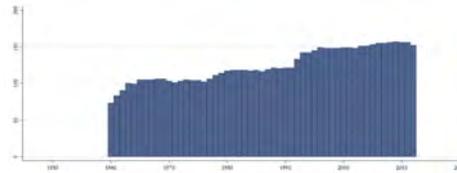
### 4.55.26 Legislature Can Remove Executive (iaep\_lcre)

According to the constitution, can the legislature remove an executive from office?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 6594  $\bar{N}$ : 124  $\bar{T}$ : 38

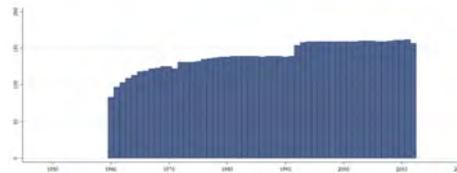
### 4.55.27 Some other executive have the power to introduce legislation (iaep\_lego)

Does some other executive have the power to introduce legislation in the legislature?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 7438  $\bar{N}$ : 140  $\bar{T}$ : 43

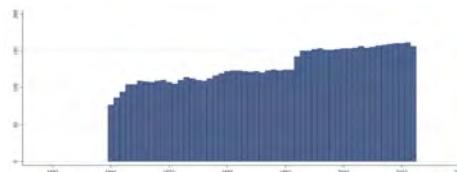
### 4.55.28 Legislature's Ratification of International Treaties (iaep\_lrit)

Does the legislature have the constitutional authority to ratify international treaties negotiated by an executive?

- 0. No authority
- 1. One chamber approval necessary
- 2. Both chambers' approval necessary.

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 6831  $\bar{N}$ : 129  $\bar{T}$ : 39

### 4.55.29 Legislature Veto Power (iaep\_lvp)

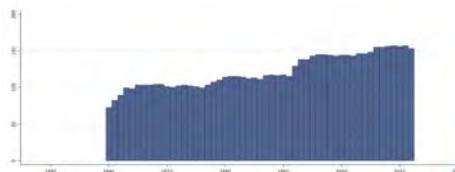
Does the legislature have the constitutional power to stop executive action, in effect a legislative veto?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 6447  $\bar{N}$ : 122  $\bar{T}$ : 37

### 4.55.30 Some other executive have the power to use force abroad (iaep\_milo)

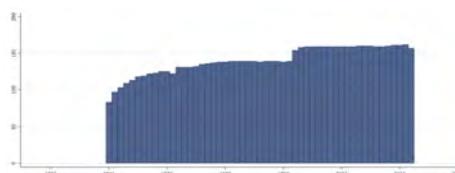
Is the power to use military force vested in some other executive?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 7438  $\bar{N}$ : 140  $\bar{T}$ : 43

### 4.55.31 National Elections for an Executive (iaep\_nee)

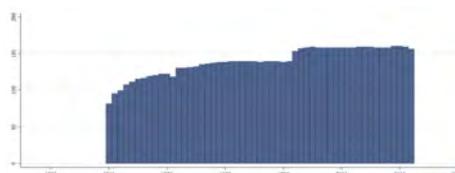
Does the country hold national elections for an executive? We consider national elections to involve subjecting the executive to some form of popular plebiscite. This electoral process may or may not bear any relationship to the ultimate appointment of the executive. Executive council elections that select an executive are not considered national elections.

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 7379  $\bar{N}$ : 139  $\bar{T}$ : 42

### 4.55.32 National Elections for the Legislature (iaep\_nel)

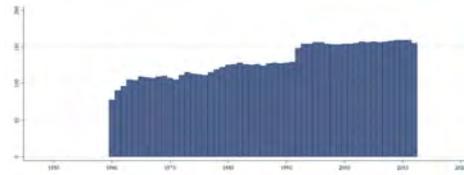
Does the country hold national elections for the legislature? We consider national elections to involve subjecting the members of the legislature to some form of popular plebiscite. While seats may be divided into districts, we consider national elections to occur when district-wide elections are organized at the national level.

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 6929  $\bar{N}$ : 131  $\bar{T}$ : 40

### 4.55.33 No Parties Allowed (iaep\_npa)

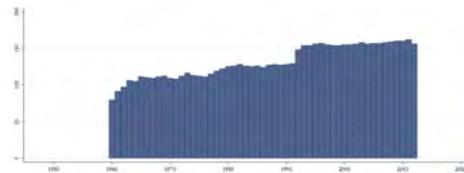
Are no parties allowed?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 6969  $\bar{N}$ : 131  $\bar{T}$ : 40

### 4.55.34 National Referendums (iaep\_nr)

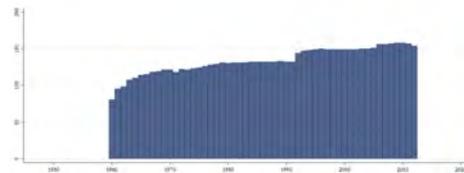
Does the country hold national elections on referendum items?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 7080  $\bar{N}$ : 134  $\bar{T}$ : 40

### 4.55.35 Official State Party (iaep\_osp)

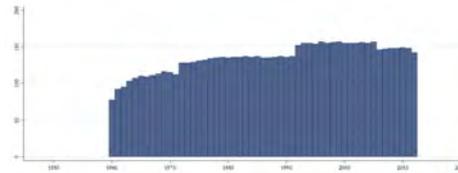
Is there an official state party?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 174 n: 7149  $\bar{N}$ : 135  $\bar{T}$ : 41

### 4.55.36 Parties with More than 5 Percent (iaep\_pm5p)

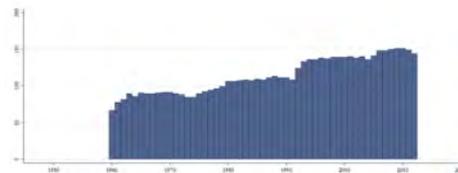
How many parties hold at least 5% of seats in the legislature?

1. One
2. Two
3. More than two

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 167 n: 6021  $\bar{N}$ : 114  $\bar{T}$ : 36

### 4.55.37 Party Nomination of Executive Candidates (iaep\_pnec)

Does party nomination (party list, convention, etc.) establish how the field of candidates who stand for executive elections is determined.

0. No
1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 122 n: 3450  $\bar{N}$ : 65  $\bar{T}$ : 28

### 4.55.38 Party Nomination of Legislature Candidates (iaep\_pnlc)

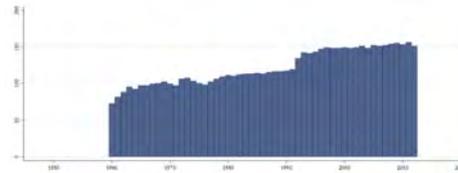
Does party nomination (party list, convention, etc.) establish how the field of candidates who stand for legislative elections is determined?

0. No
1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 173 n: 6442  $\bar{N}$ : 122  $\bar{T}$ : 37

### 4.55.39 Petition Signatures Establish Executive Candidates (iaep\_pseec)

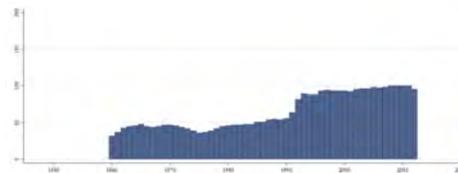
Do petition signatures establish how the field of candidates who stand for executive elections is determined?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 122 n: 3450  $\bar{N}$ : 65  $\bar{T}$ : 28

### 4.55.40 Petition Signatures Establish Legislature Candidates (iaep\_pselc)

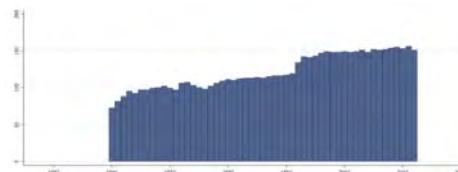
Do petition signatures establish how the field of candidates who stand for legislative elections is determined?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 173 n: 6442  $\bar{N}$ : 122  $\bar{T}$ : 37

### 4.55.41 Party Vote Establish Executive Candidates (iaep\_pveec)

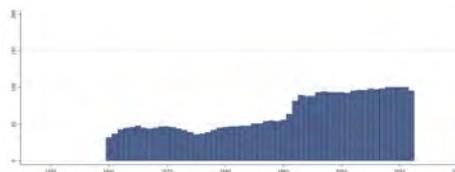
Do members of party vote (primary) establish how the field of candidates who stand for executive elections is determined?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 122 n: 3450  $\bar{N}$ : 65  $\bar{T}$ : 28

### 4.55.42 Party Vote Establish Legislature Candidates (iaep\_pvelc)

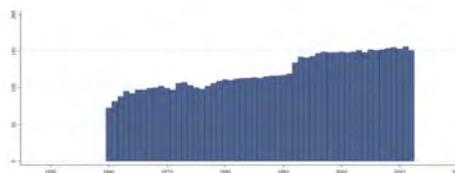
Do members of party vote (primary) establish how the field of candidates who stand for legislative elections is determined?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 173 n: 6442  $\bar{N}$ : 122  $\bar{T}$ : 37

### 4.55.43 Religion Based Banning of Parties (iaep\_rbbp)

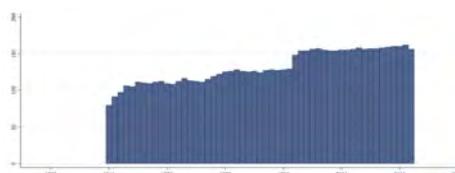
Does religious affiliation determine the banning of parties?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 175 n: 6969  $\bar{N}$ : 131  $\bar{T}$ : 40

### 4.55.44 Removal of Members of Constitutional Court (iaep\_rmcc)

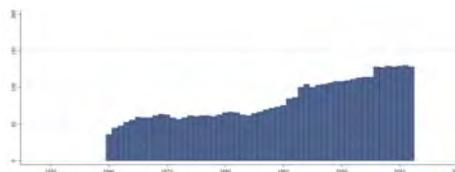
Can members of this court (see iaep\_cc) be removed?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 152 n: 4364  $\bar{N}$ : 82  $\bar{T}$ : 29

### 4.55.45 Self-Nomination of Executive Candidates (iaep\_sneq)

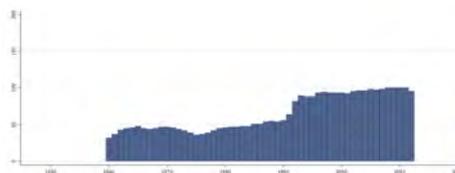
Does self-nomination establish how the field of candidates who stand for executive elections is determined?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 122 n: 3450  $\bar{N}$ : 65  $\bar{T}$ : 28

### 4.55.46 Self-Nomination of Legislature Candidates (iaep\_snlc)

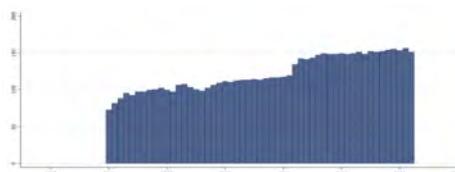
Does self-nomination establish how the field of candidates who stand for legislative elections is determined?

- 0. No
- 1. Yes

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 2012  
N: 173 n: 6442  $\bar{N}$ : 122  $\bar{T}$ : 37

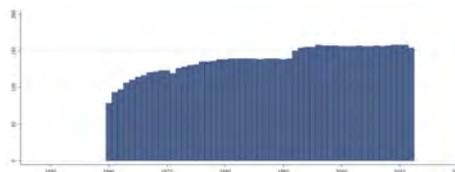
### 4.55.47 Unitary or Federal State (iaep\_ufs)

This variable examine the relationship between the central and regional governments, those which are immediately below the central government. We focus exclusively on states or provincial levels of government, municipalities are not coded. Is the government structure a:

- 1. Unitary system
- 2. Confederation
- 3. Federal system

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 175 n: 7323  $\bar{N}$ : 138  $\bar{T}$ : 42

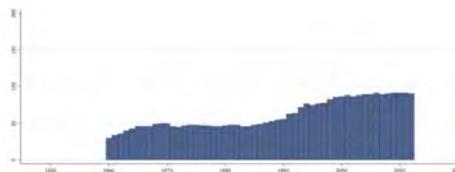
### 4.55.48 Who Removes Members of Constitutional Court (iaep\_wrmcc)

If members of the court can be removed, by whom? Here, the term "court itself" may refer to another court in the judiciary, not necessarily the constitutional court itself.

1. Legislature
2. Executive
3. Requires both legislature and executive action
4. Vote of general public
5. Court itself

Source: IAEP (Wig et al, 2015)

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 2012  
N: 132 n: 3273  $\bar{N}$ : 62  $\bar{T}$ : 25

### 4.56 International Budget Partnership

<https://www.internationalbudget.org/opening-budgets/open-budget-initiative/open-budget-survey/>

(International Budget Partnership, 2019)

(Data downloaded: 2020-10-14)

#### Open Budget Survey Data

The Open Budget Survey is a comprehensive analysis and survey that evaluates whether governments give the public access to budget information and opportunities to participate in the budget process at the national level. The Survey also assess the capacity and independence of formal oversight institutions. The IBP works with civil society partners in 100 countries to collect the data for the survey.

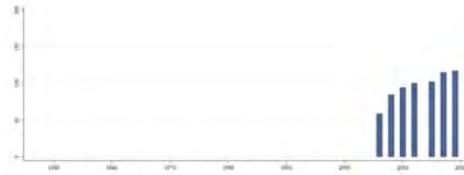
These materials were developed by the International Budget Partnership. IBP has given us permission to use the materials solely for noncommercial, educational purposes.

#### 4.56.1 Open Budget Index (ibp\_obi)

The Open Budget Index (OBI) is a comparative measure of central government budget transparency. The OBI assigns countries covered by the Open Budget Survey a transparency score on a 100-point scale using 109 of the 140 questions on the Survey. These questions focus specifically on whether the government provides the public with timely access to comprehensive information contained in eight key budget documents in accordance with international good practice standards.



Min. Year:2017 Max. Year: 2019  
N: 117



Min. Year:2006 Max. Year: 2019  
N: 118 n: 672  $\bar{N}$ : 48  $\bar{T}$ : 6

## 4.57 Brambor, Goenega, Lindvall and Teorell

<http://www.stanceatlund.org/information-capacity-dataset.html>

(Brambor et al., 2020)

(Data downloaded: 2020-11-26)

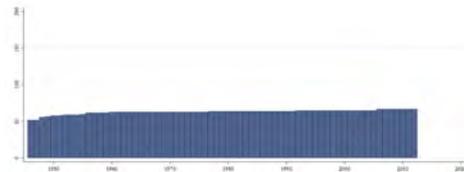
### Information Capacity Dataset

The original Information Capacity Dataset offers numerical data on five institutions and policies that modern states use to collect information about their populations and territories: (1) the regular implementation of a reliable census, (2) the regular release of statistical yearbooks, the operation of (3) civil and (4) population registers, and (5) the establishment of a government agency tasked with processing statistical information. Based on these five indicators, an overall index of “information capacity” is calculated for 85 polities from 1750 to 2015.

#### 4.57.1 Information Capacity (year 1750) (icd\_infcapirt)

The aggregate index of information capacity. It is based on a hybrid two-parameter and graded Item Response Model (IRT) that is based on five component indicators - when the country first established a statistical agency, whether the country had in place a civil register and a population register, and the graded indexes of census ability and yearbook ability.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

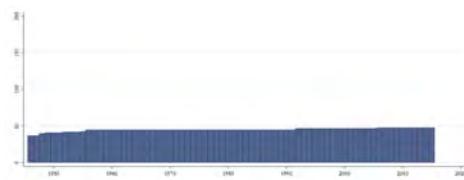
Min. Year:1946 Max. Year: 2012  
N: 72 n: 4228  $\bar{N}$ : 63  $\bar{T}$ : 59

#### 4.57.2 Information Capacity (year 1750) (icd\_infcapirt1750)

The aggregate index score of information capacity for the year of 1750. It is based on a hybrid two-parameter and graded Item Response Model (IRT) that is based on five component indicators - when the country first established a statistical agency, whether the country had in place a civil register and a population register, and the graded indexes of census ability and yearbook ability.



Min. Year:2015 Max. Year: 2015  
N: 48



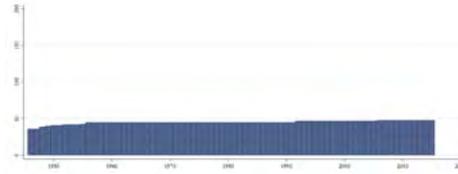
Min. Year:1946 Max. Year: 2015  
N: 52 n: 3164  $\bar{N}$ : 45  $\bar{T}$ : 61

#### 4.57.3 Information Capacity (year 1800) (icd\_infcapirt1800)

The aggregate index score of information capacity for the year of 1800. It is based on a hybrid two-parameter and graded Item Response Model (IRT) that is based on five component indicators - when the country first established a statistical agency, whether the country had in place a civil register and a population register, and the graded indexes of census ability and yearbook ability.



Min. Year:2015 Max. Year: 2015  
N: 48



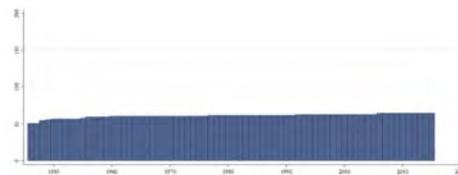
Min. Year:1946 Max. Year: 2015  
N: 52 n: 3160  $\bar{N}$ : 45  $\bar{T}$ : 61

#### 4.57.4 Information Capacity (year 1850) (icd\_infcapirt1850)

The aggregate index score of information capacity for the year of 1850. It is based on a hybrid two-parameter and graded Item Response Model (IRT) that is based on five component indicators - when the country first established a statistical agency, whether the country had in place a civil register and a population register, and the graded indexes of census ability and yearbook ability.



Min. Year:2015 Max. Year: 2015  
N: 65



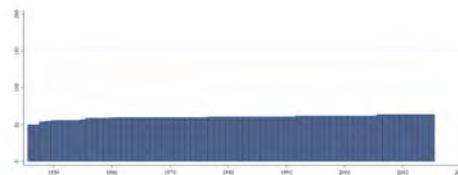
Min. Year:1946 Max. Year: 2015  
N: 70 n: 4295  $\bar{N}$ : 61  $\bar{T}$ : 61

#### 4.57.5 Information Capacity (year 1900) (icd\_infcapirt1900)

The aggregate index score of information capacity for the year of 1900. It is based on a hybrid two-parameter and graded Item Response Model (IRT) that is based on five component indicators - when the country first established a statistical agency, whether the country had in place a civil register and a population register, and the graded indexes of census ability and yearbook ability.



Min. Year:2015 Max. Year: 2015  
N: 64



Min. Year:1946 Max. Year: 2015  
N: 68 n: 4225  $\bar{N}$ : 60  $\bar{T}$ : 62

### 4.58 International Country Risk Guide - The PRS Group

<https://www.prsgroup.com/about-us/our-two-methodologies/icrg>

(PRS Group et al., 2021)

(Data downloaded: 2020-01-27)

#### ICRG Indicator of Quality of Government

ICRG collects political information and financial and economic data, converting these into risk points.

#### 4.58.1 ICRG Indicator of Quality of Government (icrg\_qog)

The mean value of the ICRG variables “Corruption”, “Law and Order” and “Bureaucracy Quality”, scaled 0-1. Higher values indicate higher quality of government.

##### Corruption (originally 6 points)

This is an assessment of corruption within the political system . Such corruption is a threat to foreign investment for several reasons: it distorts the economic and financial environment; it reduces the efficiency of government and business by enabling people to assume positions of power through patronage rather than ability; and, last but not least, it introduces an inherent instability into the political process. The most common form of corruption met directly by business is financial corruption in the form of demands for special payments and bribes connected with import and export licenses, exchange controls, tax assessments, police protection, or loans. Such corruption can make it difficult to conduct business effectively, and in some cases may force the withdrawal or withholding of an investment. Although the measure takes such corruption into account, it is more concerned with actual or potential corruption in the form of excessive patronage, nepotism, job reservations, “favor-for-favors”, secret party funding, and suspiciously close ties between politics and business. According to ICRG, these insidious sorts of corruption are potentially of much greater risk to foreign business in that they can lead to popular discontent, unrealistic and inefficient controls on the state economy, and encourage the development of the black market. The greatest risk in such corruption is that at some time it will become so overweening, or some major scandal will be suddenly revealed, so as to provoke a popular backlash, resulting in a fall or overthrow of the government, a major reorganizing or restructuring of the country’s political institutions, or, at worst, a breakdown in law and order, rendering the country ungovernable.

##### Law and order (originally 6 points)

Law and Order are assessed separately, with each sub-component comprising zero to three points. The Law sub-component is an assessment of the strength and impartiality of the legal system, while the Order sub-component is an assessment of popular observance of the law. Thus, a country can enjoy a high rating in terms of its judicial system, but a low rating if it suffers from a very high crime rate or if the law is routinely ignored without effective sanction (for example, widespread illegal strikes).

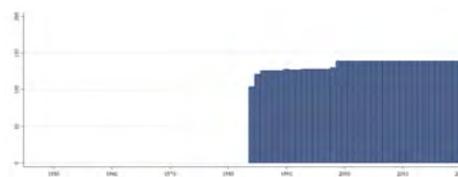
##### Bureaucracy Quality (originally 4 points)

The institutional strength and quality of the bureaucracy is another shock absorber that tends to minimize revisions of policy when governments change. Therefore, high points are given to countries where the bureaucracy has the strength and expertise to govern without drastic changes in policy or interruptions in government services. In these low-risk countries, the bureaucracy tends to be somewhat autonomous from political pressure and to have an established mechanism for recruitment and training. Countries that lack the cushioning effect of a strong bureaucracy receive low points because a change in government tends to be traumatic in terms of policy formulation and day-to-day administrative functions.

The component variables can be purchased at <http://epub.prsgroup.com/products/icrg>



Min. Year:2017 Max. Year: 2017  
N: 139



Min. Year:1984 Max. Year: 2020  
N: 147 n: 4939  $\bar{N}$ : 133  $\bar{T}$ : 34

## 4.59 International Centre for Tax and Development and UNU-WIDER

<https://www.wider.unu.edu/project/government-revenue-dataset>

(ICTD/UNU-WIDER, 2020)

(Data downloaded: 2020-10-27)

### ICTD/UNU-WIDER Government Revenue Dataset

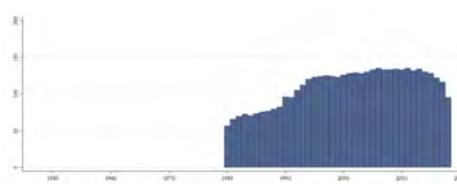
The GRD aims to present a complete picture of government revenue and tax trends over time and allows for analysis at the country, regional or cross-country level. Where possible, figures are expressed both inclusive and exclusive of natural resource revenues, which helps to overcome a major obstacle to cross-country comparisons in existing data sources.

#### 4.59.1 Grants (ictd\_grants)

Total grants received by the government.



Min. Year:2014 Max. Year: 2018  
N: 135



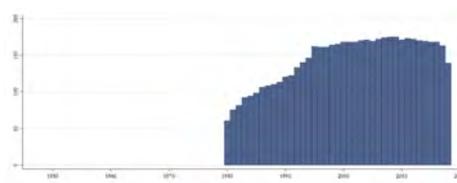
Min. Year:1980 Max. Year: 2018  
N: 159 n: 4308  $\bar{N}$ : 110  $\bar{T}$ : 27

#### 4.59.2 Consolidated Non-Tax Revenue (ictd\_nontax)

Total non-tax revenue, comprising data categorized as either “non-tax revenue” or “other revenue” depending on the underlying source. Includes revenue from both resource and non-resource sources.



Min. Year:2014 Max. Year: 2018  
N: 175



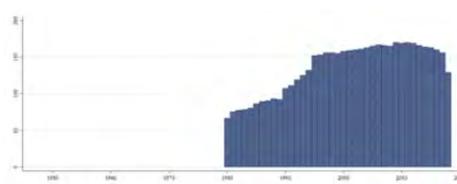
Min. Year:1980 Max. Year: 2018  
N: 189 n: 5617  $\bar{N}$ : 144  $\bar{T}$ : 30

#### 4.59.3 Revenue (excluding social contributions) (ictd\_revexsc)

Total government revenue, excluding social contributions.



Min. Year:2014 Max. Year: 2018  
N: 170



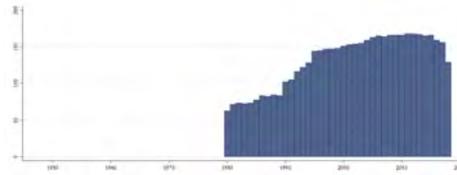
Min. Year:1980 Max. Year: 2018  
N: 183 n: 5278  $\bar{N}$ : 135  $\bar{T}$ : 29

#### 4.59.4 Revenue (including social contributions) (ictd\_revinsc)

Total government revenue including taxes, non-tax revenue, grants and social contributions.



Min. Year:2014 Max. Year: 2018  
N: 170



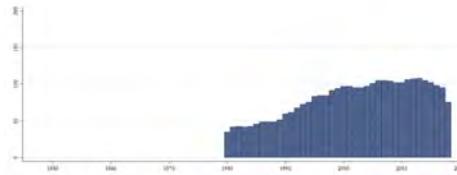
Min. Year:1980 Max. Year: 2018  
N: 180 n: 5114  $\bar{N}$ : 131  $\bar{T}$ : 28

#### 4.59.5 Total Resource Revenue (ictd\_revres)

Total natural resource revenues, including natural resource revenues reported as “tax revenue” or “non-tax revenue”. Natural resources are here defined as natural resources that include a significant component of economic rent, primarily from oil and mining activities.



Min. Year:2014 Max. Year: 2018  
N: 107



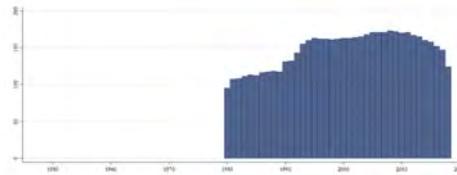
Min. Year:1980 Max. Year: 2018  
N: 125 n: 3125  $\bar{N}$ : 80  $\bar{T}$ : 25

#### 4.59.6 Social Contributions (ictd\_soccon)

Total social contributions.



Min. Year:2014 Max. Year: 2018  
N: 166



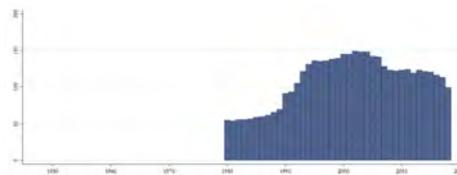
Min. Year:1980 Max. Year: 2018  
N: 187 n: 5740  $\bar{N}$ : 147  $\bar{T}$ : 31

#### 4.59.7 Taxes on Corporations and Other Enterprises (ictd\_taxcorp)

Total income and profit taxes on corporations, including taxes on resource firms.



Min. Year:2014 Max. Year: 2018  
N: 129



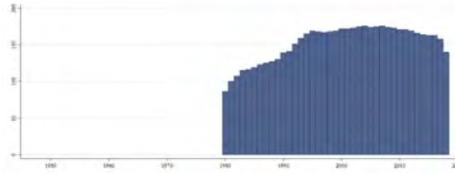
Min. Year:1980 Max. Year: 2018  
N: 173 n: 4269  $\bar{N}$ : 109  $\bar{T}$ : 25

#### 4.59.8 Taxes (excluding social contributions) (ictd\_taxexsc)

Total tax revenue, excluding social contributions.



Min. Year:2014 Max. Year: 2018  
N: 171



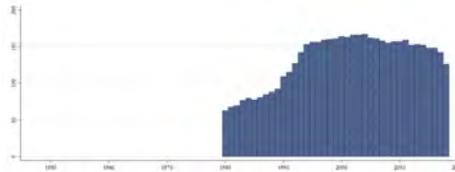
Min. Year:1980 Max. Year: 2018  
N: 190 n: 5950  $\bar{N}$ : 153  $\bar{T}$ : 31

#### 4.59.9 Taxes on Goods and Services (ictd\_taxgs)

Total taxes on goods and services, which includes (but it not necessarily always equal to) sales taxes and excise taxes.



Min. Year:2014 Max. Year: 2018  
N: 161



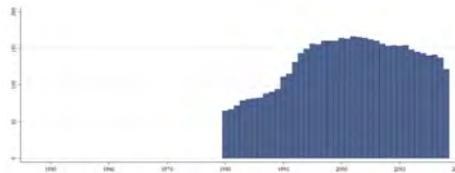
Min. Year:1980 Max. Year: 2018  
N: 184 n: 5176  $\bar{N}$ : 133  $\bar{T}$ : 28

#### 4.59.10 Taxes on Income, Profits, and Capital Gains (ictd\_taxinc)

Total taxes on income, profits and capital gains, including taxes on natural resource firms. This figure is always exclusive of social contributions. The total value of Taxes on Income, Profits and Capital Gains may sometimes exceed the sum of Individuals and Corporations, due to revenues that are unallocated between the two.



Min. Year:2014 Max. Year: 2018  
N: 153



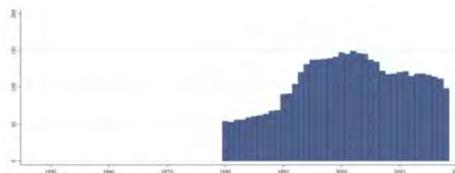
Min. Year:1980 Max. Year: 2018  
N: 184 n: 5130  $\bar{N}$ : 132  $\bar{T}$ : 28

#### 4.59.11 Taxes on Individuals (ictd\_taxind)

Total income, capital gains and profit taxes on individuals. This figure is always exclusive of resource revenues in available sources.



Min. Year:2014 Max. Year: 2018  
N: 129



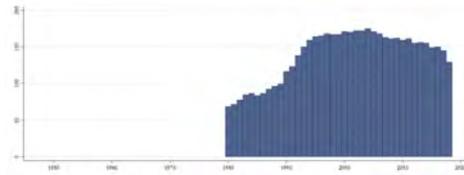
Min. Year:1980 Max. Year: 2018  
N: 176 n: 4221  $\bar{N}$ : 108  $\bar{T}$ : 24

#### 4.59.12 Indirect Taxes (ictd\_taxindirect)

Total indirect taxes, including resource revenues. Includes taxes on goods and services, taxes on international trade and other taxes. Indirect may exceed the sum of Taxes on Goods and Services, Taxes on International Trade and Transactions and Other Taxes due to unallocated revenue not classified in any of these categories.



Min. Year:2014 Max. Year: 2018  
N: 162



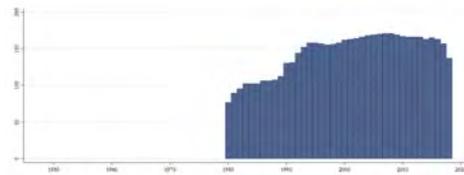
Min. Year:1980 Max. Year: 2018  
N: 186 n: 5410  $\bar{N}$ : 139  $\bar{T}$ : 29

#### 4.59.13 Taxes (including social contributions) (ictd\_taxinsc)

Total tax revenue, including social contributions.



Min. Year:2014 Max. Year: 2018  
N: 168



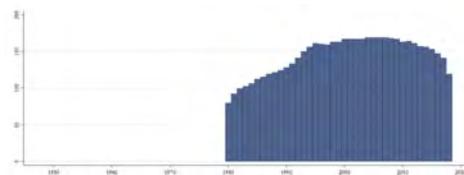
Min. Year:1980 Max. Year: 2018  
N: 186 n: 5620  $\bar{N}$ : 144  $\bar{T}$ : 30

#### 4.59.14 Non-resource Tax (excluding social contributions) (ictd\_taxnresexsc)

Total non-resource tax revenue, excluding social contributions. Calculated as “Taxes excluding social contributions” minus “resource taxes”. This is the variable recommended for econometric analysis, as it is most complete and consistent across countries.



Min. Year:2014 Max. Year: 2018  
N: 159



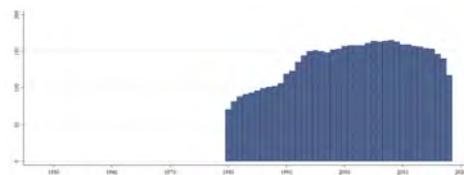
Min. Year:1980 Max. Year: 2018  
N: 185 n: 5624  $\bar{N}$ : 144  $\bar{T}$ : 30

#### 4.59.15 Non-resource Tax (including social contributions) (ictd\_taxnresinsc)

Total non-resource tax revenue, including social contributions. Calculated as “Taxes including social contributions” minus “resource taxes”.



Min. Year:2014 Max. Year: 2018  
N: 155



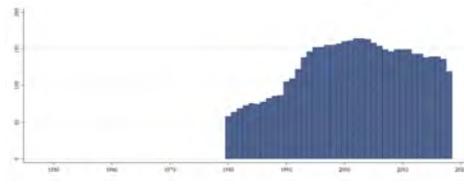
Min. Year:1980 Max. Year: 2018  
N: 181 n: 5306  $\bar{N}$ : 136  $\bar{T}$ : 29

#### 4.59.16 Other Taxes (ictd\_taxother)

Total other taxes.



Min. Year:2014 Max. Year: 2018  
N: 151



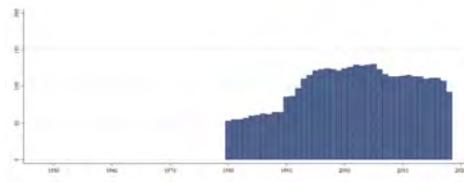
Min. Year:1980 Max. Year: 2018  
N: 185 n: 4963  $\bar{N}$ : 127  $\bar{T}$ : 27

#### 4.59.17 Taxes on Payroll and Workforce (ictd\_taxpaywf)

Total taxes on payroll and workforce. This variable is entirely distinct from social contributions, though in underlying sources social contributions are very occasionally reported as payroll taxes.



Min. Year:2015 Max. Year: 2018  
N: 120



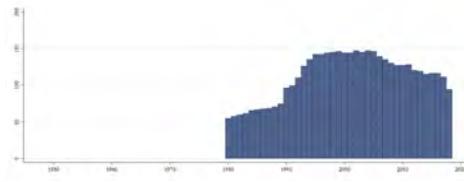
Min. Year:1980 Max. Year: 2018  
N: 157 n: 3920  $\bar{N}$ : 101  $\bar{T}$ : 25

#### 4.59.18 Taxes on Property (ictd\_taxprop)

Total taxes on property.



Min. Year:2014 Max. Year: 2018  
N: 125



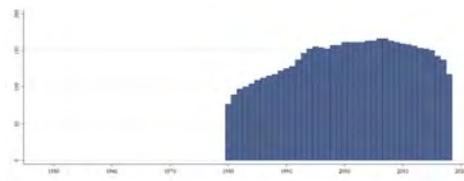
Min. Year:1980 Max. Year: 2018  
N: 172 n: 4386  $\bar{N}$ : 112  $\bar{T}$ : 26

#### 4.59.19 Resource Taxes (ictd\_taxres)

Component of reported tax revenue that is from natural resource sources, most often corporate taxation of resource firms.



Min. Year:2014 Max. Year: 2018  
N: 155



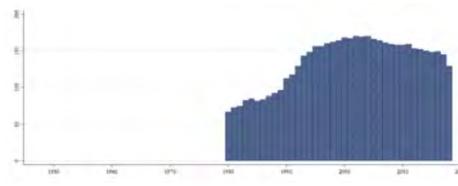
Min. Year:1980 Max. Year: 2018  
N: 180 n: 5455  $\bar{N}$ : 140  $\bar{T}$ : 30

#### 4.59.20 Taxes on International Trade and Transactions (ictd\_taxtrade)

Total taxes on international trade, including both import and export taxes. In some cases this figure may also include VAT collected at the border, where countries consistently report revenue in this way.



Min. Year:2014 Max. Year: 2018  
N: 162



Min. Year:1980 Max. Year: 2018  
N: 186 n: 5267  $\bar{N}$ : 135  $\bar{T}$ : 28

## 4.60 Institute for Democracy and Electoral Assistance

<https://www.idea.int/data-tools/data/electoral-system-design>  
(The International Institute for Democracy and Electoral Assistance, 2020a)  
(Data downloaded: 2020-09-30)

### Electoral System Design

The Electoral System Design Database is comprised of various reviews of the electoral legislation of countries from around the world. The database research was sourced from national legal documents from different sources, including the official web portals of governments, regional organizations that work in the area of democracy and electoral processes, and research institutes specialized in the area of elections and politics in general.

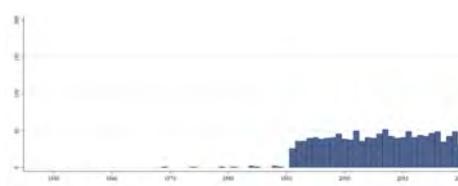
#### 4.60.1 Electoral System Family (ideaesd\_esf)

Electoral System Family

1. Proportional Representation
2. Plurality/Majority
3. Plurality/Majority and Proportional Representation
4. Mixed
5. Transition
6. Other
7. Not Applicable



Min. Year:2014 Max. Year: 2020  
N: 190



Min. Year:1969 Max. Year: 2020  
N: 195 n: 1252  $\bar{N}$ : 24  $\bar{T}$ : 6

#### 4.60.2 Electoral System for the National Legislature (ideaesd\_esnl)

Electoral System for National Legislature:

1. List Proportional Representation (List PR)

Under a List Proportional Representation (List PR) system each party or grouping presents a list of candidates for a multi-member electoral district, the voters vote for a party, and parties receive seats in proportion to their overall share of the vote. In some (closed list) systems the winning candidates are taken from the lists in order of their position on the lists. If the lists are 'open' or 'free' the voters can influence the order of the candidates by marking individual preferences.

2. Block Vote (BV)

Block Vote is a plurality/majority system used in multi-member districts. Electors have as many votes as there are candidates to be elected. The candidates with the highest vote totals win the seats. Usually voters vote for candidates rather than parties and in most systems may use as many, or as few, of their votes as they wish.

### 3. First Past the Post (FPTP)

First Past The Post is the simplest form of plurality/majority electoral system. The winning candidate is the one who gains more votes than any other candidate, even if this is not an absolute majority of valid votes. The system uses single-member districts and the voters vote for candidates rather than political parties.

### 4. Two-Round System (TRS)

The Two-Round System is a plurality/majority system in which a second election is held if no candidate or party achieves a given level of votes, most commonly an absolute majority (50 per cent plus one), in the first election round. A Two-Round System may take a majority-plurality form-more than two candidates contest the second round and the one wins the highest number of votes in the second round is elected, regardless of whether they have won an absolute majority-or a majority run-off form-only the top two candidates in the first round contest the second round.

### 5. Mixed Member Proportional (MMP)

Mixed Member Proportional is a mixed system in which the choices expressed by the voters are used to elect representatives through two different systems-one List PR system and (usually) one plurality/majority system-where the List PR system compensates for the disproportionality in the results from the plurality/majority system.

### 6. Single Transferable Vote (STV)

The Single Transferable Vote is a preferential system in which the voter has one vote in a multi-member district and the candidates that surpass a specified quota of first preference votes are immediately elected. In successive counts, votes are redistributed from least successful candidates, who are eliminated, and votes surplus to the quota are redistributed from successful candidates, until sufficient candidates are declared elected. Voters normally vote for candidates rather than political parties, although a party-list option is possible.

### 7. Alternative Vote (AV)

The Alternative Vote is a preferential plurality/majority system used in single-member districts. Voters use numbers to mark their preferences on the ballot paper. A candidate who receives an absolute majority (50 per cent plus 1) of valid first preference votes is declared elected. If no candidate achieves an absolute majority of first preferences, the least successful candidates are eliminated and their votes reallocated according to their second preferences until one candidate has an absolute majority. Voters vote for candidates rather than political parties.

### 8. Single Non-Transferable Vote (SNTV)

Under the Single Non-Transferable Vote system voters cast a single vote in a multi-member district. The candidates with the highest vote totals are declared elected. Voters vote for candidates rather than political parties.

### 9. Two-Round System, Party Block Vote (TRS PBV)

Party Block Vote (PBV) is a plurality/majority system using multi-member districts in which voters cast a single party-centered vote for a party of choice, and do not choose between candidates. The party with most votes will win every seat in the electoral district.

### 10. Limited Vote (LV)

Limited Vote is a candidate-centred electoral system used in multi-member districts in which electors have more than one vote, but fewer votes than there are candidates to be elected. The candidates with the highest vote totals win the seats.

### 11. First Past The Post, Party Block Vote (FPTP PBV)

12. First Past the Post, List Proportional Representation (FPTP List PR)
13. First Past the Post, Block Vote (FPTP BV)
14. First Past the Post, Party Block Vote, List Proportional Representation (FPTP PBV List PR)
15. Parallel

A Parallel System is a mixed system in which the choices expressed by the voters are used to elect representatives through two different systems-one List PR system and (usually) one plurality/majority system-but where no account is taken of the seats allocated under the first system in calculating the results in the second system.

16. In transition

17. Modified Borda Count (Modified BC)

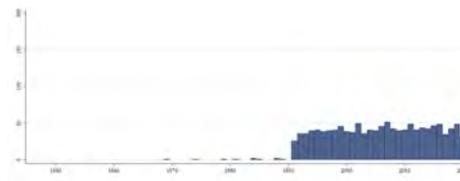
Borda Count (BC) - A candidate-centred preferential system used in either single- or multimember districts in which voters use numbers to mark their preferences on the ballot paper and each preference marked is then assigned a value using equal steps. These are summed and the candidate(s) with the highest total(s) is/are declared elected.

18. Two-Round System, Party Block Vote, List Proportional Representation (TRS PBV List PR)

19. No direct elections.



Min. Year:2014 Max. Year: 2020  
N: 190



Min. Year:1969 Max. Year: 2020  
N: 195 n: 1252  $\bar{N}$ : 24  $\bar{T}$ : 6

#### 4.60.3 Electoral System for the President (ideaesd\_esp)

Electoral System for the President:

1. Two-Round System (TRS)

The Two-Round System is a plurality/majority system in which a second election is held if no candidate or party achieves a given level of votes, most commonly an absolute majority (50 per cent plus one), in the first election round. A Two-Round System may take a majority-plurality form-more than two candidates contest the second round and the one wins the highest number of votes in the second round is elected, regardless of whether they have won an absolute majority-or a majority run-off form-only the top two candidates in the first round contest the second round.

2. First Past the Post (FPTP)

First Past The Post is the simplest form of plurality/majority electoral system. The winning candidate is the one who gains more votes than any other candidate, even if this is not an absolute majority of valid votes. The system uses single-member districts and the voters vote for candidates rather than political parties.

3. Supplementary Vote (SV)

Supplementary vote: Voters can rank up to three candidates, and if no candidate wins a majority in the first round of voting, second and third preferences from ballots whose first preference candidate has been eliminated are used to determine the winner.

4. Single Transferable Vote (STV)

The Single Transferable Vote is a preferential system in which the voter has one vote in a multi-member district and the candidates that surpass a specified quota of first preference votes are immediately

elected. In successive counts, votes are redistributed from least successful candidates, who are eliminated, and votes surplus to the quota are redistributed from successful candidates, until sufficient candidates are declared elected. Voters normally vote for candidates rather than political parties, although a party-list option is possible.

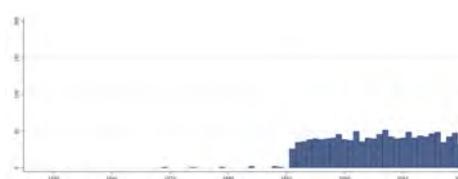
5. In Transition

6. Other

7. Not applicable



Min. Year:2014 Max. Year: 2020  
N: 190



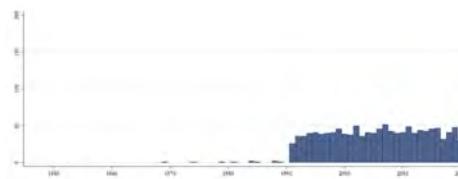
Min. Year:1969 Max. Year: 2020  
N: 195 n: 1247  $\bar{N}$ : 24  $\bar{T}$ : 6

#### 4.60.4 Legislative Size (Directly Elected) (ideaesd\_lsde)

Legislative size, directly elected. Total number of directly elected representatives, excluding those appointed or indirectly elected.



Min. Year:2014 Max. Year: 2020  
N: 183



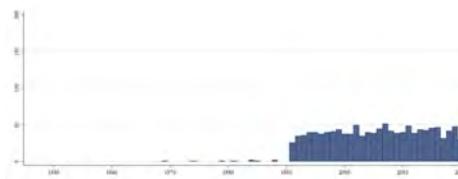
Min. Year:1969 Max. Year: 2020  
N: 187 n: 1241  $\bar{N}$ : 24  $\bar{T}$ : 7

#### 4.60.5 Legislative Size (Voting Members) (ideaesd\_lsvm)

Legislative size, voting members. Total number of directly elected representatives, including those appointed or indirectly elected.



Min. Year:2014 Max. Year: 2020  
N: 183



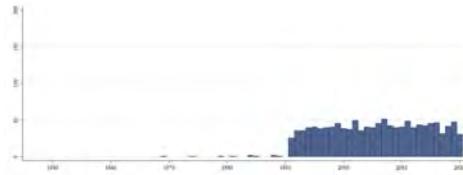
Min. Year:1969 Max. Year: 2020  
N: 187 n: 1227  $\bar{N}$ : 24  $\bar{T}$ : 7

#### 4.60.6 Number of Tiers (ideaesd\_tiers)

Number of tiers. The tiers of an electoral system can be understood as the sets of representatives that are elected to the same chamber by the entire electorate of a country. 99 indicates a hybrid system, where one part of the country elects representatives using one electoral system, while another distinct part of the country elects representatives using a different system.



Min. Year:2014 Max. Year: 2020  
N: 183



Min. Year:1969 Max. Year: 2020  
N: 187 n: 1243  $\bar{N}$ : 24  $\bar{T}$ : 7

## 4.61 Institute for Democracy and Electoral Assistance

<https://www.idea.int/data-tools/data/voter-turnout>

(The International Institute for Democracy and Electoral Assistance, 2020b)

(Data downloaded: 2020-10-27)

### Voter Turnout Database

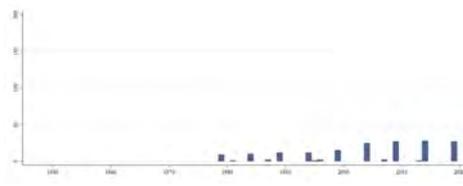
The Voter Turnout Database is the best resource for a wide array of statistics on voter turnout from around the world. It contains the most comprehensive global collection of voter turnout statistics from presidential and parliamentary elections since 1945. Always growing, the database also includes European Parliament elections, as presented by country using both the number of registered voters and voting age population as indicators, and in some cases the data includes statistics on spoilt ballot rate.

#### 4.61.1 EU Parliamentary Election: Compulsory Voting (ideavt\_eucv)

EU Parliamentary Election: Compulsory Voting



Min. Year:2014 Max. Year: 2019  
N: 28



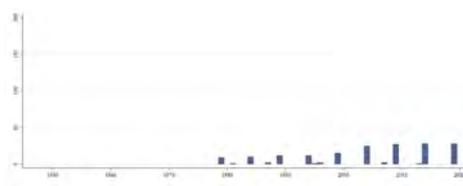
Min. Year:1979 Max. Year: 2019  
N: 29 n: 174  $\bar{N}$ : 4  $\bar{T}$ : 6

#### 4.61.2 EU Parliamentary Election: Voter Turnout (ideavt\_euvt)

EU Parliamentary Election: Voter Turnout



Min. Year:2019 Max. Year: 2019  
N: 28



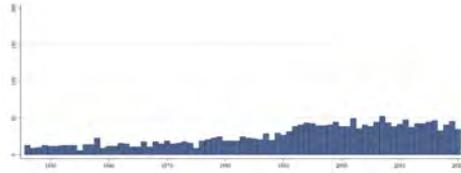
Min. Year:1979 Max. Year: 2019  
N: 29 n: 175  $\bar{N}$ : 4  $\bar{T}$ : 6

#### 4.61.3 Parliamentary Election: Compulsory Voting (ideavt\_legcv)

Parliamentary Election: Compulsory Voting



Min. Year:2014 Max. Year: 2020  
N: 182



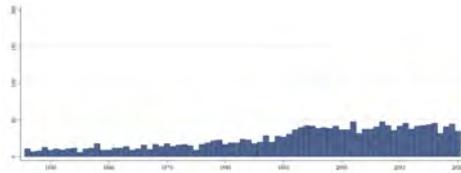
Min. Year:1946 Max. Year: 2020  
N: 191 n: 1999  $\bar{N}$ : 27  $\bar{T}$ : 10

#### 4.61.4 Parliamentary Election: Voter Turnout (ideavt\_legvt)

Parliamentary Election: Voter Turnout



Min. Year:2014 Max. Year: 2020  
N: 180



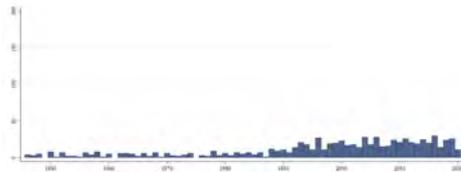
Min. Year:1946 Max. Year: 2020  
N: 191 n: 1890  $\bar{N}$ : 25  $\bar{T}$ : 10

#### 4.61.5 Presidential Election: Compulsory Voting (ideavt\_prescv)

Presidential Election: Compulsory Voting



Min. Year:2014 Max. Year: 2020  
N: 105



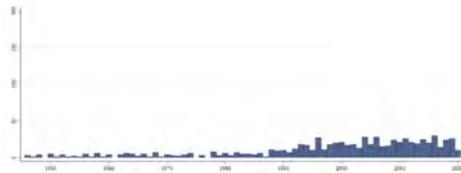
Min. Year:1946 Max. Year: 2020  
N: 114 n: 789  $\bar{N}$ : 11  $\bar{T}$ : 7

#### 4.61.6 Presidential Election: Voter Turnout (ideavt\_presvt)

Presidential Election: Voter Turnout



Min. Year:2014 Max. Year: 2020  
N: 105



Min. Year:1946 Max. Year: 2020  
N: 113 n: 744  $\bar{N}$ : 10  $\bar{T}$ : 7

### 4.62 Institute for Health Metrics and Evaluation

<http://www.healthdata.org/gbd>  
(Global Burden of Disease Collaborative Network, 2020)  
(Data downloaded: 2021-01-06)

## Global Burden of Disease Study 2019

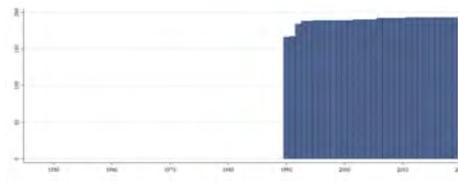
IHME provides rigorous and comparable measurement of the world's most important health problems and evaluates the strategies used to address them.

### 4.62.1 Healthy Life Years, Female, Age 1-4 years (ihme\_hle\_0104f)

Healthy Life Years, Female, Age 1-4 years. HALE is often referred to as healthy life expectancy. Unlike life expectancy, HALE takes into account mortality and nonfatal outcomes. HALE does this by summarizing years lived in less than ideal health (YLDs) and years lost due to premature mortality (YLLs) in a single measure of average population health for individual countries.



Min. Year:2017 Max. Year: 2017  
N: 193



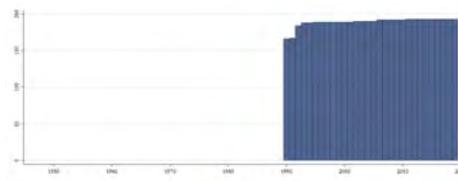
Min. Year:1990 Max. Year: 2019  
N: 196 n: 5673  $\bar{N}$ : 189  $\bar{T}$ : 29

### 4.62.2 Healthy Life Years, Male, Age 1-4 years (ihme\_hle\_0104m)

Healthy Life Years, Male, Age 1-4 years. HALE is often referred to as healthy life expectancy. Unlike life expectancy, HALE takes into account mortality and nonfatal outcomes. HALE does this by summarizing years lived in less than ideal health (YLDs) and years lost due to premature mortality (YLLs) in a single measure of average population health for individual countries.



Min. Year:2017 Max. Year: 2017  
N: 193



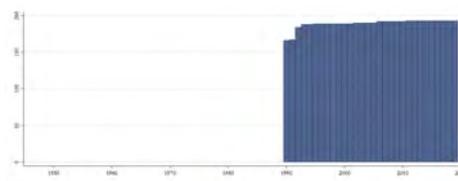
Min. Year:1990 Max. Year: 2019  
N: 196 n: 5673  $\bar{N}$ : 189  $\bar{T}$ : 29

### 4.62.3 Healthy Life Years, Both sexes, Age 1-4 years (ihme\_hle\_0104t)

Healthy Life Years, Both sexes, Age 1-4 years. HALE is often referred to as healthy life expectancy. Unlike life expectancy, HALE takes into account mortality and nonfatal outcomes. HALE does this by summarizing years lived in less than ideal health (YLDs) and years lost due to premature mortality (YLLs) in a single measure of average population health for individual countries.



Min. Year:2017 Max. Year: 2017  
N: 193



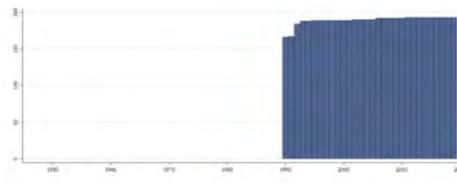
Min. Year:1990 Max. Year: 2019  
N: 196 n: 5673  $\bar{N}$ : 189  $\bar{T}$ : 29

### 4.62.4 Life Expectancy, Female, Age 1-4 years (ihme\_lifexp\_0104f)

Life Expectancy, Female, Age 1-4 years. Life expectancy is the number of years a person can expect to live at any given age.



Min. Year:2017 Max. Year: 2017  
N: 193



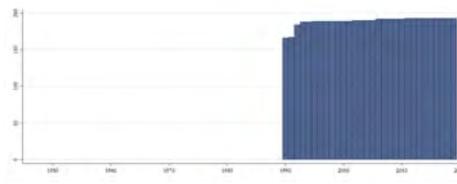
Min. Year:1990 Max. Year: 2019  
N: 196 n: 5673  $\bar{N}$ : 189  $\bar{T}$ : 29

#### 4.62.5 Life Expectancy, Male, Age 1-4 years (ihme\_lifexp\_0104m)

Life Expectancy, Male, Age 1-4 years. Life expectancy is the number of years a person can expect to live at any given age.



Min. Year:2017 Max. Year: 2017  
N: 193



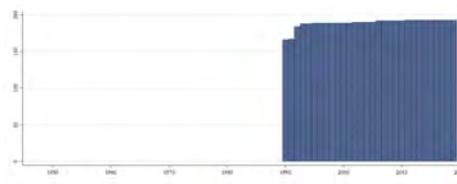
Min. Year:1990 Max. Year: 2019  
N: 196 n: 5673  $\bar{N}$ : 189  $\bar{T}$ : 29

#### 4.62.6 Life Expectancy, Both sexes, Age 1-4 years (ihme\_lifexp\_0104t)

Life Expectancy, Both sexes, Age 1-4 years. Life expectancy is the number of years a person can expect to live at any given age.



Min. Year:2017 Max. Year: 2017  
N: 193



Min. Year:1990 Max. Year: 2019  
N: 196 n: 5673  $\bar{N}$ : 189  $\bar{T}$ : 29

### 4.63 Mo Ibrahim Foundation

<http://mo.ibrahim.foundation/>  
(Mo Ibrahim Foundation, 2020)  
(Data downloaded: 2020-11-26)

#### Ibrahim Index of African Governance

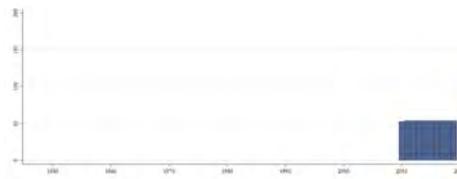
The Ibrahim Index of African Governance (IIAG) is a tool that measures and monitors governance performance in African countries. The IIAG governance framework comprises four categories: Safety & Rule of Law, Participation & Human Rights, Sustainable Economic Opportunity and Human Development. These categories are made up of 14 sub-categories, consisting of 100 indicators. The IIAG is refined on an annual basis. Refinements may be methodological, or based on the inclusion or exclusion of indicators. Different IIAG datasets are not comparable between themselves as they cover a different ten-year period, data are revised retrospectively, and the theoretical framework is updated between iterations. Users of the Index should therefore always reference the most recent version of the IIAG data set.

#### 4.63.1 Accountability and Transparency (iiag\_acc)

Accountability & Transparency is one of the four sub-categories that are used to calculate the Security & Rule of Law category score. It consists of five indicators from six data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



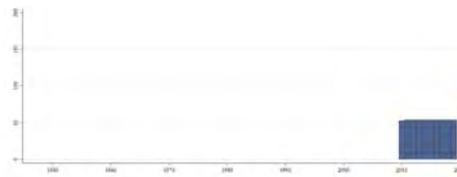
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.2 Business Environment (iiag\_be)

Business Environment is one of the four sub-categories that are used to calculate the Foundations for Economic Opportunity category score. It consists of five indicators from five data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



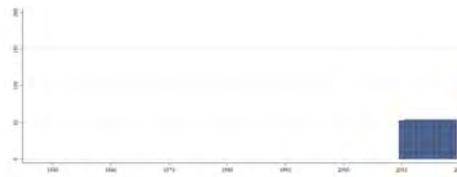
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.3 Anti-corruption (iiag\_corr)

Anti-corruption is one of the four sub-categories that are used to calculate the Security & Rule of Law category score. It consists of five indicators from six data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



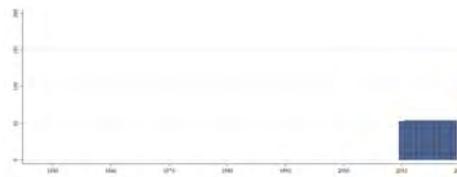
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.4 Education (iiag\_edu)

Education is one of the four sub-categories that are used to calculate the Human Development category score. It consists of five indicators from seven data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



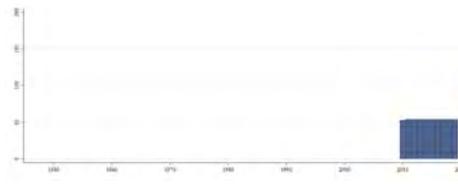
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.5 Foundations for Economic Opportunity (iiag\_feo)

Foundations for Economic Opportunity is one of the four categories that are used to calculate the Overall Governance score. It consists of four sub-categories, made up of 18 indicators.



Min. Year:2017 Max. Year: 2017  
N: 54



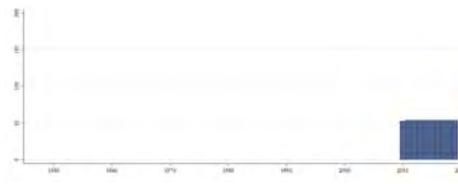
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.6 Gender (iiag\_gen)

Gender is one of the four sub-categories that are used to calculate the Participation, Rights & Inclusion category score. It consists of five indicators from four data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



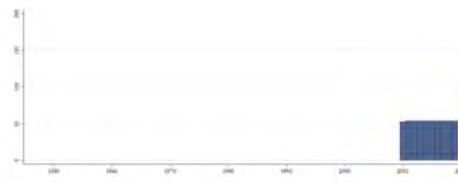
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.7 Overall Governance (iiag\_gov)

The Overall Governance score is calculated by aggregating the four categories: Security & Rule of Law; Participation, Rights and Inclusion; Human Development and Foundations for Economic Opportunity. These categories are made up of 16 sub-categories, consisting of 79 IIAG indicators, from 40 data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



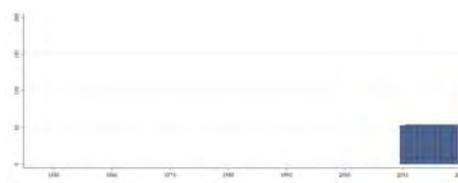
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.8 Human Development (iiag\_hd)

Human Development is one of the four categories that are used to calculate the Overall Governance score. It consists of four sub-categories, made up of 21 indicators.



Min. Year:2017 Max. Year: 2017  
N: 54



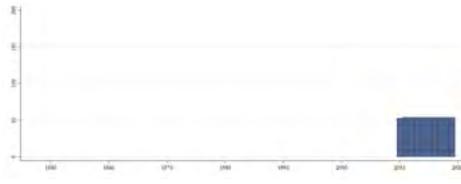
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.9 Health (iiag\_he)

Health is one of the four sub-categories that are used to calculate the Human Development category score. It consists of six indicators from eight data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



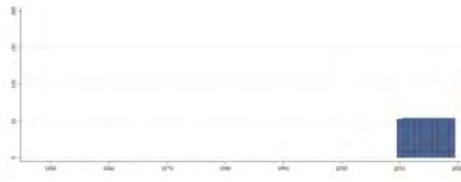
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.10 Inclusion and Equality (iiag\_ie)

Inclusion & Equality is one of the four sub-categories that are used to calculate the Participation, Rights & Inclusion category score. It consists of five indicators from four data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



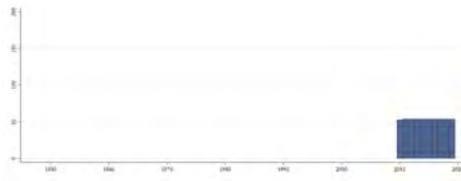
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.11 Infrastructure (iiag\_inf)

Infrastructure is one of the four sub-categories that are used to calculate the Foundations for Economic Opportunity category score. It consists of four indicators from four data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



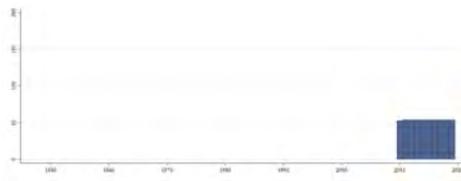
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.12 Public Administration (iiag\_pa)

Public Administration is one of the four sub-categories that are used to calculate the Foundations for Economic Opportunity category score. It consists of five indicators from six data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



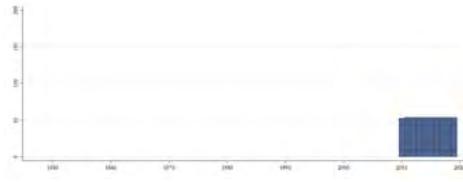
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.13 Participation (iiag\_par)

Participation is one of the four sub-categories that are used to calculate the Participation, Rights & Inclusion category score. It consists of four indicators from four data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



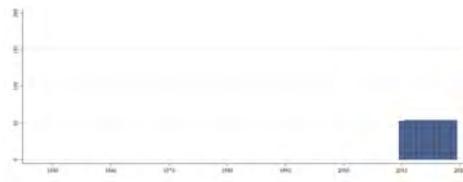
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.14 Participation, Rights and Inclusion (iiag\_pri)

Participation, Rights & Inclusion is one of the four categories that are used to calculate the Overall Governance score. It consists of four sub-categories, made up of 19 indicators.



Min. Year:2017 Max. Year: 2017  
N: 54



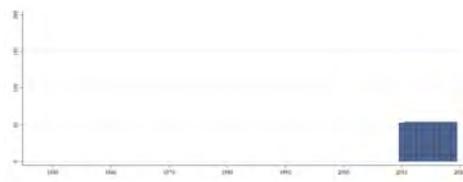
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.15 Rights (iiag\_rig)

Rights is one of the four sub-categories that are used to calculate the Participation, Rights & Inclusion category score. It consists of five indicators from six data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



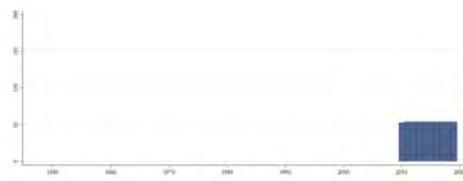
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.16 Rule of Law and Justice (iiag\_rolf)

Rule of Law & Justice is one of the four sub-categories that are used to calculate the Security & Rule of Law category score. It consists of six indicators from six data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



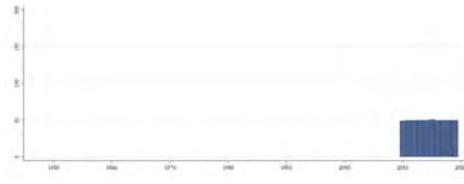
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.17 Rural Sector (iiag\_rs)

Rural sector is one of the four sub-categories that are used to calculate the Foundations for Economic Opportunity category score. It consists of four indicators from International Fund for Agricultural Development (IFAD).



Min. Year:2015 Max. Year: 2017  
N: 51



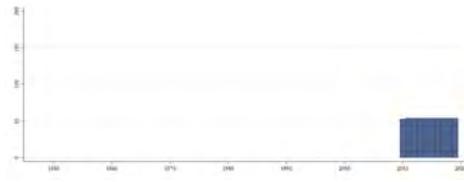
Min. Year:2010 Max. Year: 2019  
N: 52 n: 500  $\bar{N}$ : 50  $\bar{T}$ : 10

#### 4.63.18 Sustainable Environment (iiag\_se)

Sustainable Environment is one of the four sub-categories that are used to calculate the Human Development category score. It consists of five indicators from ten data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



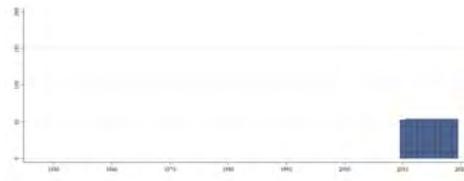
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.19 Social Protection (iiag\_sp)

Social Protection is one of the four sub-categories that are used to calculate the Human Development category score. It consists of five indicators from eight data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



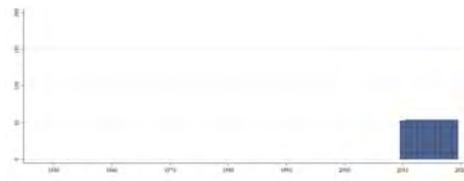
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.20 Security and Rule of Law (iiag\_srol)

Security & Rule of Law is one of the four categories that are used to calculate the Overall Governance score. It consists of four sub-categories, made up of 21 indicators.



Min. Year:2017 Max. Year: 2017  
N: 54



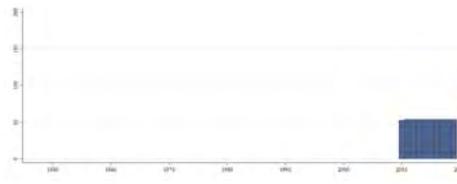
Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

#### 4.63.21 Security and Safety (iiag\_ssaf)

Security & Safety is one of the four sub-categories that are used to calculate the Security & Rule of Law category score. It consists of five indicators from eight data sources.



Min. Year:2017 Max. Year: 2017  
N: 54



Min. Year:2010 Max. Year: 2019  
N: 55 n: 539  $\bar{N}$ : 54  $\bar{T}$ : 10

## 4.64 European Research Centre for Anti-Corruption and State-Building

<http://integrity-index.org/>  
(Mungiu-Pippidi et al., 2019)  
(Data downloaded: 2020-11-09)

### Index of Public Integrity

This dataset contains data used in the construction of the Index of Public Integrity (IPI). The overall IPI score is the arithmetic average of the following six components scores: Judicial Independence, Administrative Burden, Trade Openness, Budget Transparency, E-Citizenship, and Freedom of the Press.

Several indices currently show that corruption remains a key issue not only in developing countries but also in many modern societies. How to control it better has thus become a major question of international development. Yet, the common corruption indices tell us mainly about how citizens and experts perceive the state of corruption in their society. They do not tell us anything about the causes of corruption nor about how the situation could be improved. The Index of Public Integrity ipi-toolbar takes a different approach. It assesses a society's capacity to control corruption and ensure that public resources are spent without corrupt practices. It is based on years of research and the evaluation of the efforts of different societies to make advances in the control of corruption.

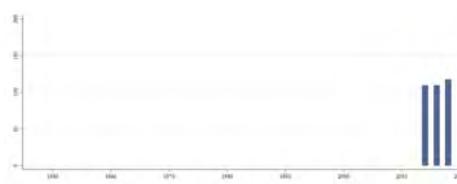
Evidence from comparisons across countries shows that establishing effective control of corruption requires much more than the mere adoption of specific tools and strict legal regulations. It relies on a balance between a state calibrated to reduce the possibility of the abuse of influence and a society's capacity to hold its government accountable. The IPI highlights the most important dimensions of that mechanism. It correlates with the World Bank's and Transparency International's measures of control of corruption, but in contrast to them it is more objective and transparent.

#### 4.64.1 Administrative Burden (index) (ipi\_ab)

Administrative Burden measures the extent of domestic bureaucratic regulation. An excessive administrative burden and too many regulations open doors for discretion and red tape, thereby resulting in a high risk of corruption. Consists of the simple mean of standardized values of: number of procedures required to start up a business; time needed to start up a business; number of tax payments per year; time to pay taxes. The indicators are taken from the World Bank Doing Business Data 2016. This mean value has been transformed to be in range between 1 and 10 with 10 implying the lowest administrative burden.



Min. Year:2018 Max. Year: 2018  
N: 117



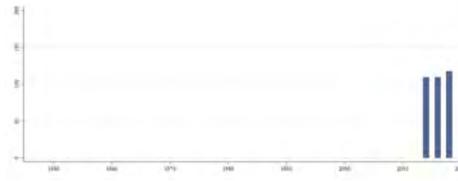
Min. Year:2014 Max. Year: 2018  
N: 117 n: 335  $\bar{N}$ : 67  $\bar{T}$ : 3

#### 4.64.2 E-Citizenship (index) (ipi\_e)

E-Citizenship captures the ability of citizens to use online tools and social media and thus exercise social accountability. Internet media in general and social networks in particular are indispensable components of citizen empowerment. Simple mean of standardized values of the: Fixed broadband subscriptions (% population); Internet users (% population); Facebook users (% population). The first two variables were taken from International Telecommunication Union's ICT Dataset 2015, the latter from the Internet World Stats 2015. The value has been transformed to be in range between 1 and 10 with 10 implying the highest score for E-Citizenship.



Min. Year:2018 Max. Year: 2018  
N: 117



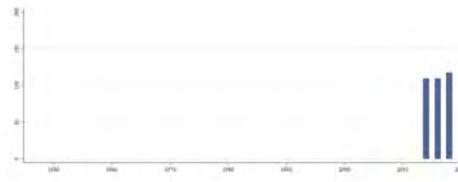
Min. Year:2014 Max. Year: 2018  
N: 117 n: 335  $\bar{N}$ : 67  $\bar{T}$ : 3

#### 4.64.3 Index of Public Integrity (overall) (ipi\_ipi)

The overall IPI score is the arithmetic average of the following six components scores: Judicial Independence, Administrative Burden, Trade Openness, Budget Transparency, E-Citizenship, Freedom of the Press.



Min. Year:2018 Max. Year: 2018  
N: 117



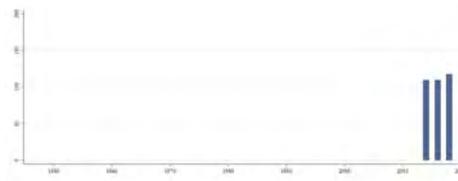
Min. Year:2014 Max. Year: 2018  
N: 117 n: 335  $\bar{N}$ : 67  $\bar{T}$ : 3

#### 4.64.4 Trade Openness (index) (ipi\_tradeopen)

Trade Openness measures the extent of regulation concerning a country's external economic activity. Open countries can control corruption better by removing room for discretion at the level of administrative trade barriers and thus allowing free competition. Made up from the simple mean of standardized values of: average number of documents required to export and import; time for exporting and importing. The indicators stem from the World Bank Doing Business Data 2015. Their value has been transformed to be in range between 1 and 10 with 10 implying the highest trade openness.



Min. Year:2018 Max. Year: 2018  
N: 117



Min. Year:2014 Max. Year: 2018  
N: 117 n: 335  $\bar{N}$ : 67  $\bar{T}$ : 3

### 4.65 Inter-Parliamentary Union

<http://www.ipu.org/wmm-e/world-arc.htm>  
(Inter-Parliamentary Union, 2020)  
(Data downloaded: 2020-11-26)

## Inter-Parliamentary Union Data

The data has been compiled by the Inter-Parliamentary Union on the basis of information provided by National Parliaments. Comparative data on the world and regional averages as well as data concerning the two regional parliamentary assemblies elected by direct suffrage can be found on separate pages.

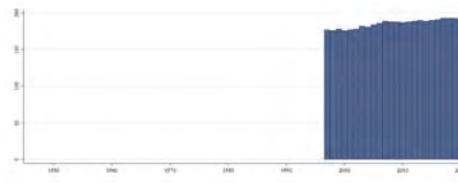
Note: The figures for South Africa on the distribution of seats in the Upper House do not include the 36 special rotating delegates appointed on an ad hoc basis, and all percentages given are therefore calculated on the basis of the 54 permanent seats. Included in the QoG Dataset are the data for January each year.

### 4.65.1 Number of Seats (Lower and Single Houses) (ipu\_1\_s)

Number of Seats (Lower and Single Houses).



Min. Year:2017 Max. Year: 2017  
N: 193



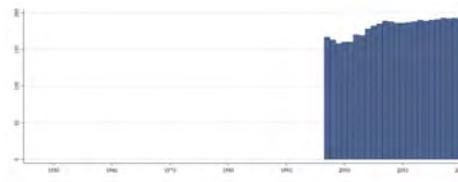
Min. Year:1997 Max. Year: 2020  
N: 195 n: 4454  $\bar{N}$ : 186  $\bar{T}$ : 23

### 4.65.2 Share of Women (Lower and Single Houses) (ipu\_1\_sw)

Share of Women (Lower and Single Houses).



Min. Year:2017 Max. Year: 2017  
N: 193



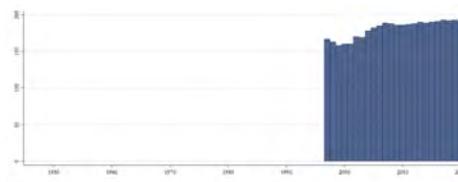
Min. Year:1997 Max. Year: 2020  
N: 195 n: 4345  $\bar{N}$ : 181  $\bar{T}$ : 22

### 4.65.3 Number of Women (Lower and Single Houses) (ipu\_1\_w)

Number of Women (Lower and Single Houses).



Min. Year:2017 Max. Year: 2017  
N: 193



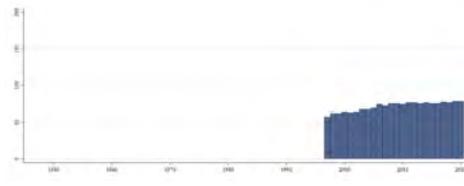
Min. Year:1997 Max. Year: 2020  
N: 195 n: 4345  $\bar{N}$ : 181  $\bar{T}$ : 22

### 4.65.4 Number of Seats (Upper House) (ipu\_u\_s)

Number of Seats (Upper House).



Min. Year:2017 Max. Year: 2020  
N: 81



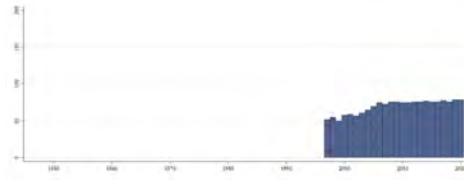
Min. Year:1997 Max. Year: 2020  
N: 91 n: 1725  $\bar{N}$ : 72  $\bar{T}$ : 19

#### 4.65.5 Share of Women (Upper House) (ipu\_u\_sw)

Share of Women (Upper House).



Min. Year:2017 Max. Year: 2020  
N: 81



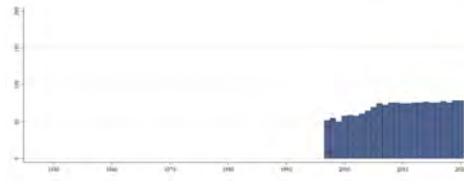
Min. Year:1997 Max. Year: 2020  
N: 91 n: 1670  $\bar{N}$ : 70  $\bar{T}$ : 18

#### 4.65.6 Number of Women (Upper House) (ipu\_u\_w)

Number of Women (Upper House).



Min. Year:2017 Max. Year: 2020  
N: 81



Min. Year:1997 Max. Year: 2020  
N: 91 n: 1671  $\bar{N}$ : 70  $\bar{T}$ : 18

### 4.66 Johnson and Wallack

<https://dataverse.harvard.edu/dataset.xhtml?persistentId=hdl:1902.1/17901>

(Johnson & Wallack, 2012)

(Data downloaded: 2020-11-03)

#### Electoral Systems and the Personal Vote

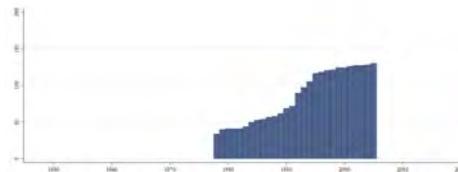
This database updates and expands the coding of electoral systems presented in Gaviria et al's (2003) Database of Particularism. Data now cover up to 180 countries from 1978-2005 and distinguish electoral systems by the degree to which electoral institutions create incentives for candidates to cultivate a personal vote - as described theoretically in Carey and Shugart (1995) and Gaviria et al. (2003) - including the amount of vote pooling among co-partisan candidates, the amount of parties' control over ballot access, and whether voters cast their votes for candidates or parties. The database also contains several variables that rank-order electoral systems by tier, distinguish mixed-member and other multi-tier electoral systems, capture district magnitude (in two ways), and record election years. Database created 2007. Database last updated 2010.

##### 4.66.1 Party Control over Ballot (lower/only house) (jw\_avgballot)

Country-level weighted averages of Party Control over Ballot - SMD (lower/only house) (jw\_smdballot) and Party Control over Ballot - MMD (lower/only house) (jw\_mmdballot), where the weights

are the percentage of members that originate from each tier. This variable thus reflects the value of ballots for the average member sitting in the lower house. The ballot variables focus on the amount of party control over candidates' access to a competitive position on the ballot. The variables equal (in order of increasing personal vote incentives): (0) where parties control access to ballots as well as the order in which individuals will fill the seats that the party wins (closed list multi-member districts, open list multi-member districts with little or no de facto change in list order); (1) where parties control access to the ballot, but not the order in which candidates will receive seats (open lists where intra-party preference votes seem to have a significant influence on which candidates are selected, and single-member districts where parties control access to the list); (2) where there are few or no impediments to individual candidates' ability to appear on the ballot (single-member districts where parties do not control access, e.g. allowing independent candidates and/or use primaries to select candidates).

**Variable not included  
in Cross-Section Data**



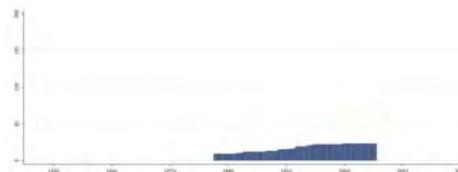
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1978 Max. Year: 2005  
N: 133 n: 2368  $\bar{N}$ : 85  $\bar{T}$ : 18

#### 4.66.2 Party Control over Ballot (upper house) (jw\_avgballot2)

Country-level weighted averages of Party Control over Ballot - SMD (upper house) (jw\_smdballot2) and Party Control over Ballot - MMD (upper house) (jw\_mmdballot2), where the weights are the percentage of members that originate from each tier. This variable thus reflects the value of ballots for the average member sitting in the upper house. The ballot variables focus on the amount of party control over candidates' access to a competitive position on the ballot. The variables equal (in order of increasing personal vote incentives): (0) where parties control access to ballots as well as the order in which individuals will fill the seats that the party wins (closed list multi-member districts, open list multi-member districts with little or no de facto change in list order); (1) where parties control access to the ballot, but not the order in which candidates will receive seats (open lists where intra-party preference votes seem to have a significant influence on which candidates are selected, and single-member districts where parties control access to the list); (2) where there are few or no impediments to individual candidates' ability to appear on the ballot (single-member districts where parties do not control access, e.g. allowing independent candidates and/or use primaries to select candidates).

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

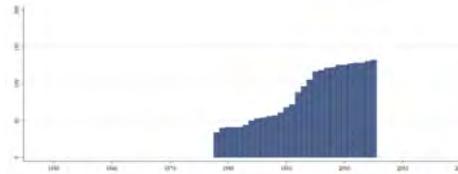
Min. Year: 1978 Max. Year: 2005  
N: 24 n: 473  $\bar{N}$ : 17  $\bar{T}$ : 20

#### 4.66.3 Sharing of Votes among Candidates (lower/only house) (jw\_avgpool)

Country-level weighted averages of Sharing of Votes among Candidates - SMD (lower/only house) (jw\_smdpools) and Sharing of Votes among Candidates - MMD (lower/only house) (jw\_mmdpools), where the weights are the percentage of members that originate from each tier. This variable thus reflects the value of the pooling of votes for the average member sitting in the lower house. The Pool variables measure the extent to which votes among candidates from the same party are shared. The variables equal (in order of increasing personal vote incentives): (0) where pooling of votes occurs across all candidates in a party in a district; (1) where pooling of votes occurs across some, but not all, candidates in a party in a district, or, where there is vote pooling across all candidates in a party

in a district, but where the average district accounts for 5% or less of a legislature's membership; (2) where no pooling of votes occurs across candidates in a party (including single-member districts).

### Variable not included in Cross-Section Data



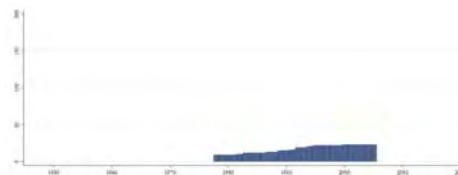
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1978 Max. Year: 2005  
N: 135 n: 2373  $\bar{N}$ : 85  $\bar{T}$ : 18

#### 4.66.4 Sharing of Votes among Candidates (upper house) (jw\_avgpool2)

Country-level weighted averages of Sharing of Votes among Candidates - SMD (upper house) (jw\_smdpool2) and Sharing of Votes among Candidates - MMD (upper house) (jw\_mmdpool2), where the weights are the percentage of members that originate from each tier. This variable thus reflects the value of the pooling of votes for the average member sitting in the upper house. The Pool variables measure the extent to which votes among candidates from the same party are shared. The variables equal (in order of increasing personal vote incentives): (0) where pooling of votes occurs across all candidates in a party in a district; (1) where pooling of votes occurs across some, but not all, candidates in a party in a district, or, where there is vote pooling across all candidates in a party in a district, but where the average district accounts for 5% or less of a legislature's membership; (2) where no pooling of votes occurs across candidates in a party (including single-member districts).

### Variable not included in Cross-Section Data



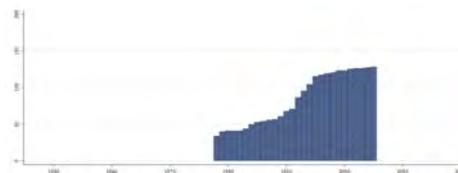
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1978 Max. Year: 2005  
N: 24 n: 473  $\bar{N}$ : 17  $\bar{T}$ : 20

#### 4.66.5 Candidate or Party-specific Voting (lower/only house) (jw\_avgvote)

Country-level weighted averages of Candidate- or Party-specific Voting - SMD (lower/only house) (jw\_smdvote) and Candidate- or Party-specific Voting - MMD (lower/only house) (jw\_mmdvote), where the weights are the percentage of members that originate from each tier. This variable thus reflects the value of votes for the average member sitting in the lower house. The Vote variables focus attention on the distinction between casting votes for either parties or individual candidates. The variables equal (in order of increasing personal vote incentives): (0) where voters have only one vote for a party; (1) where voters can vote for a party or a candidate (as in open lists), where voters have multiple votes for multiple candidates (as in runoff or single-transferable vote systems), or where votes for a party or candidate are observationally equivalent (as in single-member districts); (2) where voters have one vote for an individual candidate.

### Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

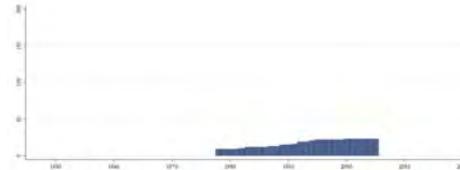
Min. Year:1978 Max. Year: 2005  
N: 131 n: 2346  $\bar{N}$ : 84  $\bar{T}$ : 18

#### 4.66.6 Candidate or Party-specific Voting (upper house) (jw\_avgvote2)

Country-level weighted averages of Candidate- or Party-specific Voting - SMD (upper house) (jw\_smdvote2) and Candidate- or Party-specific Voting - MMD (upper house) (jw\_mmdvote2), where the weights are the percentage of members that originate from each tier. This variable thus reflects the value of votes for the average member sitting in the upper house. The Vote variables focus attention on the distinction between casting votes for either parties or individual candidates. The variables equal (in order of increasing personal vote incentives): (0) where voters have only one vote for a party; (1) where voters can vote for a party or a candidate (as in open lists), where voters have multiple votes for multiple candidates (as in runoff or single-transferable vote systems), or where votes for a party or candidate are observationally equivalent (as in single-member districts); (2) where voters have one vote for an individual candidate.

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



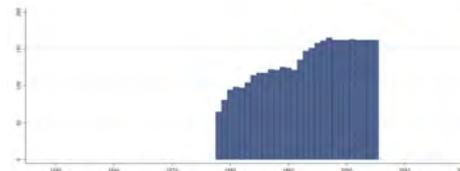
Min. Year:1978 Max. Year: 2005  
N: 24 n: 473  $\bar{N}$ : 17  $\bar{T}$ : 20

#### 4.66.7 Bicameral System (jw\_bicameral)

Equals 1 whenever a country has a bicameral legislature.

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



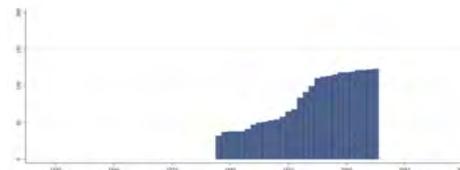
Min. Year:1978 Max. Year: 2005  
N: 171 n: 3714  $\bar{N}$ : 133  $\bar{T}$ : 22

#### 4.66.8 Dominant or Populous Tier (jw\_domr)

This variable ranks countries in increasing order of incentives to cultivate a personal vote according to their most dominant or populous tier (or tier with the greater number of legislators). The variable varies from 1 to 13, corresponding to the thirteen positions in Carey & Shugart's (1995) ranking. For example, a country with a ranking of 1 would have a tier with the lowest possible rank of personal vote incentives, and that tier would account for the majority of the members in the assembly.

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



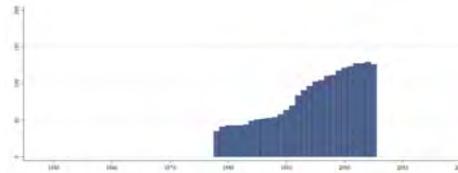
Min. Year:1978 Max. Year: 2005  
N: 126 n: 2236  $\bar{N}$ : 80  $\bar{T}$ : 18

#### 4.66.9 Year of Election (lower/only house) (jw\_election)

Dummy variable, 1 if year of election to lower house.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



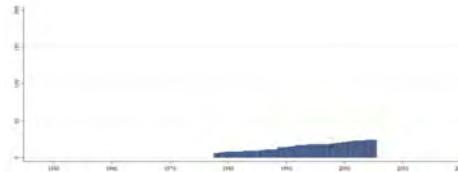
Min. Year:1978 Max. Year: 2005  
N: 152 n: 2267  $\bar{N}$ : 81  $\bar{T}$ : 15

### 4.66.10 Year of Election (upper house) (jw\_election2)

Dummy variable, 1 if year of election to upper house.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



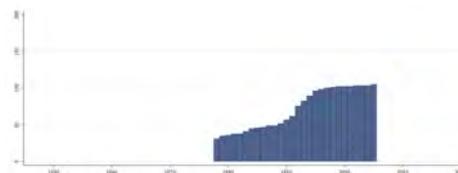
Min. Year:1978 Max. Year: 2005  
N: 26 n: 421  $\bar{N}$ : 15  $\bar{T}$ : 16

### 4.66.11 Ballot Access for Independent Candidates (lower/only house) (jw\_indy)

Equals 1 wherever independent candidates are legally allowed (even where the legal requirements are strict), and 0 otherwise. This complements the cases where the ballot variables above equal 1 or 2, since they are adjusted to capture de facto practice. jw\_indy instead captures the de jure rules. A user could adjust the ballot variables above to be de jure if (s)he replaced values of 2 with values of 1 when jw\_indy = 0. Refers to lower house elections. The ballot variables focus on the amount of party control over candidates' access to a competitive position on the ballot. The variables equal (in order of increasing personal vote incentives): (0) where parties control access to ballots as well as the order in which individuals will fill the seats that the party wins (closed list multi-member districts, open list multi-member districts with little or no de facto change in list order); (1) where parties control access to the ballot, but not the order in which candidates will receive seats (open lists where intra-party preference votes seem to have a significant influence on which candidates are selected, and single-member districts where parties control access to the list); (2) where there are few or no impediments to individual candidates' ability to appear on the ballot (single-member districts where parties do not control access, e.g. allowing independent candidates and/or use primaries to select candidates).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1978 Max. Year: 2005  
N: 106 n: 1989  $\bar{N}$ : 71  $\bar{T}$ : 19

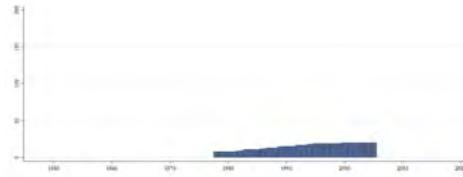
### 4.66.12 Ballot Access for Independent Candidates (upper house) (jw\_indy2)

Same as jw\_indy, but for upper house elections. The ballot variables focus on the amount of party control over candidates' access to a competitive position on the ballot. The variables equal (in order of increasing personal vote incentives): (0) where parties control access to ballots as well as the order in which individuals will fill the seats that the party wins (closed list multi-member districts, open list multi-member districts with little or no de facto change in list order); (1) where parties control access to the ballot, but not the order in which candidates will receive seats (open lists where intra-party preference votes seem to have a significant influence on which candidates are selected, and single-member districts where parties control access to the list); (2) where there are few or no impediments

to individual candidates' ability to appear on the ballot (single-member districts where parties do not control access, e.g. allowing independent candidates and/or use primaries to select candidates).

### Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



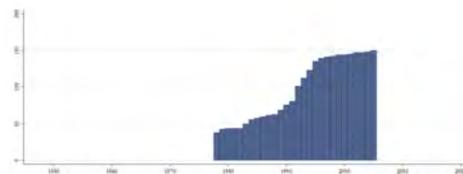
Min. Year:1978 Max. Year: 2005  
N: 21 n: 424  $\bar{N}$ : 15  $\bar{T}$ : 20

#### 4.66.13 Number of Coded Legislators (lower/only house) (jw\_legsize)

The number of legislators coded in the dataset. These may not account for the total number of legislators if there are appointed legislators that have no electoral rules to code.

### Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



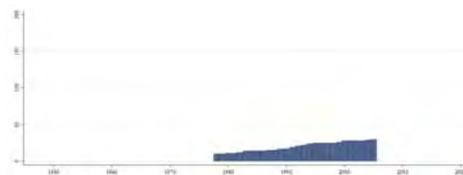
Min. Year:1978 Max. Year: 2005  
N: 155 n: 2706  $\bar{N}$ : 97  $\bar{T}$ : 17

#### 4.66.14 Number of Coded Legislators (upper house) (jw\_legsize2)

The number of legislators coded in the dataset. These may not account for the total number of legislators if there are appointed legislators that have no electoral rules to code.

### Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1978 Max. Year: 2005  
N: 32 n: 557  $\bar{N}$ : 20  $\bar{T}$ : 17

#### 4.66.15 District Magnitude of Average Legislator (lower/only house) (jw\_mcand)

In keeping with the emphasis on the incentives faced by individual legislators, this variable measures the district magnitude considering the viewpoint of the average legislator in the lower house. It is scored as a weighted average of the various district sizes, where weights are computed as the number of legislators running in the district of each magnitude divided by the total number of seats. For example: A country with 300 seats divided among one national district with 200 members and 100 single-member districts has a magnitude for the average legislator of  $[(200*200) + (100*1)]/300$ , which yields a figure of 133.67.

### Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A

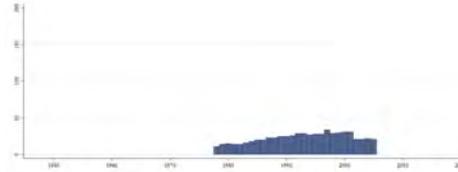


Min. Year:1978 Max. Year: 2005  
N: 124 n: 2137  $\bar{N}$ : 76  $\bar{T}$ : 17

#### 4.66.16 District Magnitude of Average Legislator (upper house) (jw\_mcand2)

This is the district magnitude of the average legislator in the upper house.

Variable not included  
in Cross-Section Data



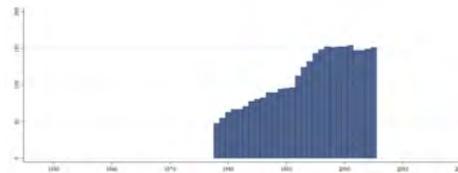
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1978 Max. Year: 2005  
N: 42 n: 645  $\bar{N}$ : 23  $\bar{T}$ : 15

#### 4.66.17 Average District Magnitude (lower/only house) (jw\_mdlist)

This is the standard magnitude of the average district in the lower house. For example: A country with 300 seats divided among one national district with 200 members and 100 single-member districts would have an average district magnitude (jw\_mdlist) of 2.97 (i.e., 300/101).

Variable not included  
in Cross-Section Data



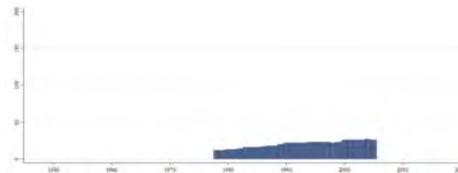
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1978 Max. Year: 2005  
N: 160 n: 3090  $\bar{N}$ : 110  $\bar{T}$ : 19

#### 4.66.18 Average District Magnitude (upper house) (jw\_mdlist2)

This is the average district magnitude in the upper house.

Variable not included  
in Cross-Section Data



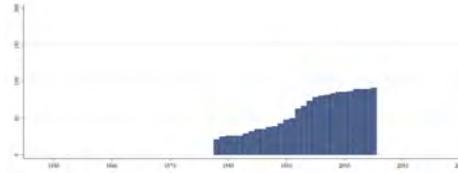
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1978 Max. Year: 2005  
N: 29 n: 567  $\bar{N}$ : 20  $\bar{T}$ : 20

#### 4.66.19 Party Control over Ballot - MMD (lower/only house) (jw\_mmdballot)

Ballot (coded as above) for multi-member district tiers in elections to the lower house. The ballot variables focus on the amount of party control over candidates' access to a competitive position on the ballot. The variables equal (in order of increasing personal vote incentives): (0) where parties control access to ballots as well as the order in which individuals will fill the seats that the party wins (closed list multi-member districts, open list multi-member districts with little or no de facto change in list order); (1) where parties control access to the ballot, but not the order in which candidates will receive seats (open lists where intra-party preference votes seem to have a significant influence on which candidates are selected, and single-member districts where parties control access to the list); (2) where there are few or no impediments to individual candidates' ability to appear on the ballot (single-member districts where parties do not control access, e.g. allowing independent candidates and/or use primaries to select candidates).

## Variable not included in Cross-Section Data



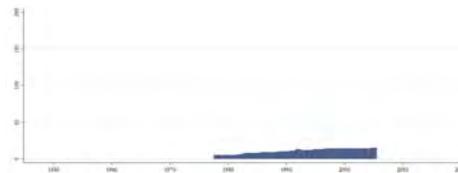
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1978 Max. Year: 2005  
N: 94 n: 1620  $\bar{N}$ : 58  $\bar{T}$ : 17

### 4.66.20 Party Control over Ballot - MMD (upper house) (jw\_mmdballot2)

Ballot for multi-member district tiers in elections to the upper house. The ballot variables focus on the amount of party control over candidates' access to a competitive position on the ballot. The variables equal (in order of increasing personal vote incentives): (0) where parties control access to ballots as well as the order in which individuals will fill the seats that the party wins (closed list multi-member districts, open list multi-member districts with little or no de facto change in list order); (1) where parties control access to the ballot, but not the order in which candidates will receive seats (open lists where intra-party preference votes seem to have a significant influence on which candidates are selected, and single-member districts where parties control access to the list); (2) where there are few or no impediments to individual candidates' ability to appear on the ballot (single-member districts where parties do not control access, e.g. allowing independent candidates and/or use primaries to select candidates).

## Variable not included in Cross-Section Data



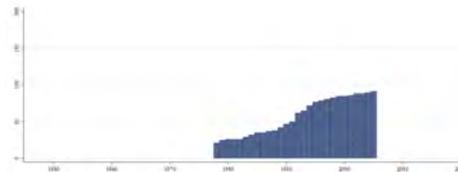
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1978 Max. Year: 2005  
N: 16 n: 298  $\bar{N}$ : 11  $\bar{T}$ : 19

### 4.66.21 Sharing of Votes among Candidates - MMD (lower/only house) (jw\_mmdpool)

Pool for multi-member district tiers in elections to the lower house. The Pool variables measure the extent to which votes among candidates from the same party are shared. The variables equal (in order of increasing personal vote incentives): (0) where pooling of votes occurs across all candidates in a party in a district; (1) where pooling of votes occurs across some, but not all, candidates in a party in a district, or, where there is vote pooling across all candidates in a party in a district, but where the average district accounts for 5% or less of a legislature's membership; (2) where no pooling of votes occurs across candidates in a party (including single-member districts).

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

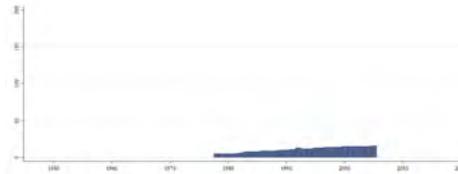
Min. Year: 1978 Max. Year: 2005  
N: 94 n: 1600  $\bar{N}$ : 57  $\bar{T}$ : 17

### 4.66.22 Sharing of Votes among Candidates - MMD (upper house) (jw\_mmdpool2)

Pool for multi-member district tiers in elections to the upper house. The Pool variables measure the extent to which votes among candidates from the same party are shared. The variables equal (in order of increasing personal vote incentives): (0) where pooling of votes occurs across all candidates in a party in a district; (1) where pooling of votes occurs across some, but not all, candidates in a party in a district, or, where there is vote pooling across all candidates in a party in a district, but

where the average district accounts for 5% or less of a legislature's membership; (2) where no pooling of votes occurs across candidates in a party (including single-member districts).

### Variable not included in Cross-Section Data



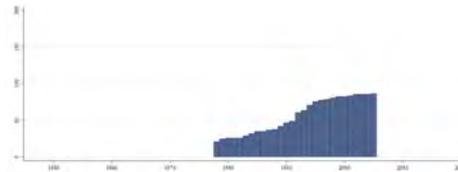
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1978 Max. Year: 2005  
N: 17 n: 304  $\bar{N}$ : 11  $\bar{T}$ : 18

#### 4.66.23 Candidate or Party-specific Voting - MMD (lower/only house) (jw\_mmdvote)

Vote for multi-member district tiers in elections to the lower house. The Vote variables focus attention on the distinction between casting votes for either parties or individual candidates. The variables equal (in order of increasing personal vote incentives): (0) where voters have only one vote for a party; (1) where voters can vote for a party or a candidate (as in open lists), where voters have multiple votes for multiple candidates (as in runoff or single-transferable vote systems), or where votes for a party or candidate are observationally equivalent (as in single-member districts); (2) where voters have one vote for an individual candidate.

### Variable not included in Cross-Section Data



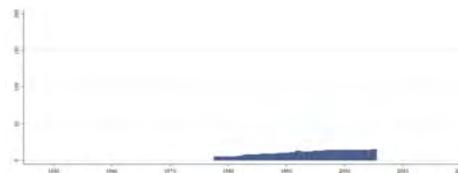
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1978 Max. Year: 2005  
N: 90 n: 1573  $\bar{N}$ : 56  $\bar{T}$ : 17

#### 4.66.24 Candidate or Party-specific Voting - MMD (upper house) (jw\_mmdvote2)

Vote for multi-member district tiers in elections to the upper house. The Vote variables focus attention on the distinction between casting votes for either parties or individual candidates. The variables equal (in order of increasing personal vote incentives): (0) where voters have only one vote for a party; (1) where voters can vote for a party or a candidate (as in open lists), where voters have multiple votes for multiple candidates (as in runoff or single-transferable vote systems), or where votes for a party or candidate are observationally equivalent (as in single-member districts); (2) where voters have one vote for an individual candidate.

### Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

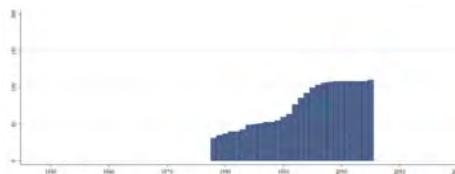
Min. Year: 1978 Max. Year: 2005  
N: 16 n: 298  $\bar{N}$ : 11  $\bar{T}$ : 19

#### 4.66.25 Runoff Elections (jw\_multiround)

The variable indicates whether there are run-off elections. These are usually for SMDs with absolute majority requirements. Where jw\_multiround is equal to 1, voters have more than a single vote to cast, albeit votes occur on separate election days.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



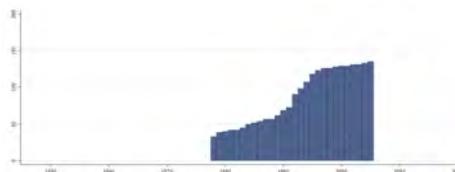
Min. Year:1978 Max. Year: 2005  
N: 111 n: 2089  $\bar{N}$ : 75  $\bar{T}$ : 19

### 4.66.26 Multi Tier (lower/only house) (jw\_multitier)

Indicates whether there are two or more tiers to the legislature.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



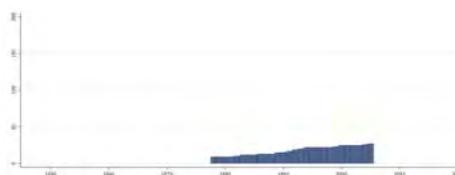
Min. Year:1978 Max. Year: 2005  
N: 138 n: 2419  $\bar{N}$ : 86  $\bar{T}$ : 18

### 4.66.27 Multi Tier (upper house) (jw\_multitier2)

Equals 1 wherever there are multiple allocation tiers, regardless of whether they are the result of mixed member systems that incorporate different members under different rules, or systems that have upper tiers within a single electoral system to compensate for disproportionality in lower tiers.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1978 Max. Year: 2005  
N: 28 n: 493  $\bar{N}$ : 18  $\bar{T}$ : 18

### 4.66.28 Single Party System (jw\_oneparty)

Dummy variable, 1 if single-party system.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



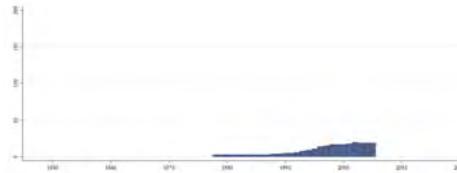
Min. Year:1978 Max. Year: 2005  
N: 169 n: 3473  $\bar{N}$ : 124  $\bar{T}$ : 21

### 4.66.29 Tiers allocated in Parallel (jw\_parallel)

Coded 1 if multiple tiers are elected in parallel fashion, 0 when they are elected in (at least some-what) compensatory fashion. Is coded only when jw\_multitier = 1.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



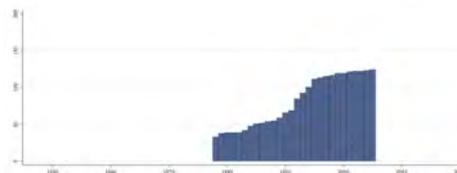
Min. Year:1978 Max. Year: 2005  
N: 21 n: 257  $\bar{N}$ : 9  $\bar{T}$ : 12

### 4.66.30 Personalistic Tier (jw\_persr)

This variable ranks countries in increasing order of incentives to cultivate a personal vote according to their more personalistic tier (or tier with the greater incentives to cultivate a personal vote). The variable varies from 1 to 13, corresponding to the thirteen positions in Carey & Shugart's (1995) ranking. For example, a country with a ranking of 13 would have a tier with the highest possible rank of incentives to cultivate a personal vote, although that tier may only account for a minority or small fraction of its members.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1978 Max. Year: 2005  
N: 127 n: 2266  $\bar{N}$ : 81  $\bar{T}$ : 18

### 4.66.31 Proportion Coded Legislators (lower/only house) (jw\_propcoded)

Shows the proportion of total legislators (elected and non-elected) that are included in the database (i.e. those that are elected).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1978 Max. Year: 2005  
N: 170 n: 3535  $\bar{N}$ : 126  $\bar{T}$ : 21

### 4.66.32 Proportion Coded Legislators (upper house) (jw\_propcoded2)

This is the proportion of the total number of legislators (elected and non-elected) that are coded.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A

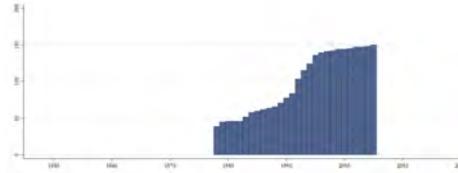


Min. Year:1978 Max. Year: 2005  
N: 51 n: 865  $\bar{N}$ : 31  $\bar{T}$ : 17

### 4.66.33 Seats from Multi-Member Districts (lower/only house) (jw\_propmmd)

Proportion of seats from Multi-Member District (lower/only house).

## Variable not included in Cross-Section Data



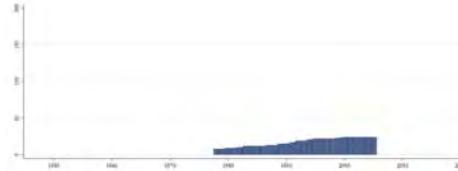
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1978 Max. Year: 2005  
N: 155 n: 2742  $\bar{N}$ : 98  $\bar{T}$ : 18

### 4.66.34 Seats from Multi-Member Districts (upper house) (jw\_propmmd2)

This is the proportion of coded legislators elected in multi-member districts.

## Variable not included in Cross-Section Data



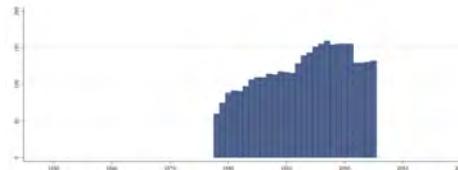
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1978 Max. Year: 2005  
N: 26 n: 479  $\bar{N}$ : 17  $\bar{T}$ : 18

### 4.66.35 Seats from a National District (lower/only house) (jw\_propn)

The proportion of legislators that are elected via a national tier.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1978 Max. Year: 2005  
N: 169 n: 3414  $\bar{N}$ : 122  $\bar{T}$ : 20

### 4.66.36 Seats from a National District (upper house) (jw\_propn2)

This is the proportion of coded legislators that are elected via a national tier. This is often (but not always) similar to the proportion elected via multi-member districts (jw\_propmmd): some electoral systems have proportional representation based on regional multimember districts as well as national tiers (e.g. Hungary).

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1978 Max. Year: 2005  
N: 66 n: 1096  $\bar{N}$ : 39  $\bar{T}$ : 17

### 4.66.37 Seats from Single-Member Districts (lower/only house) (jw\_propsmd)

Proportion of seats from Single-Member Districts.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1978 Max. Year: 2005  
N: 155 n: 2702  $\bar{N}$ : 97  $\bar{T}$ : 17

### 4.66.38 Seats from Single-Member Districts (upper house) (jw\_propsm2)

This is the proportion of coded legislators elected in single-member districts. (Note: In the original data for Kyrgyzstan propmsmd2=60 in 1997-1999 and propmsmd2=45 2000-2004. We have replaced these figures with missing values.).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1978 Max. Year: 2005  
N: 23 n: 422  $\bar{N}$ : 15  $\bar{T}$ : 18

### 4.66.39 Rank Vote (lower/only house) (jw\_rank)

Equals 1 in two circumstances: where voters may rank order candidates according to preference, or where citizens have multiple preference votes for multiple candidates, even if they may not specifically rank the candidates. Otherwise, jw\_rank is equal to zero. Refers to lower house elections.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1978 Max. Year: 2005  
N: 90 n: 1785  $\bar{N}$ : 64  $\bar{T}$ : 20

### 4.66.40 Rank Vote (upper house) (jw\_rank2)

Same as jw\_rank, but for upper house elections.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



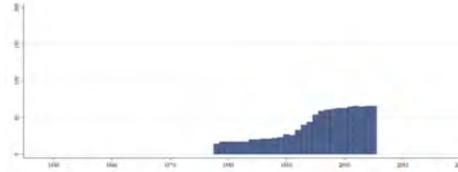
Min. Year:1978 Max. Year: 2005  
N: 21 n: 424  $\bar{N}$ : 15  $\bar{T}$ : 20

### 4.66.41 Party Control over Ballot - SMD (lower/only house) (jw\_smdballot)

Ballot for single-member district tiers in elections to the lower house. The ballot variables focus on the amount of party control over candidates' access to a competitive position on the ballot. The variables equal (in order of increasing personal vote incentives): (0) where parties control access to ballots as well as the order in which individuals will fill the seats that the party wins (closed list multi-member districts, open list multi-member districts with little or no de facto change in list order); (1) where

parties control access to the ballot, but not the order in which candidates will receive seats (open lists where intra-party preference votes seem to have a significant influence on which candidates are selected, and single-member districts where parties control access to the list); (2) where there are few or no impediments to individual candidates' ability to appear on the ballot (single-member districts where parties do not control access, e.g. allowing independent candidates and/or use primaries to select candidates).

### Variable not included in Cross-Section Data



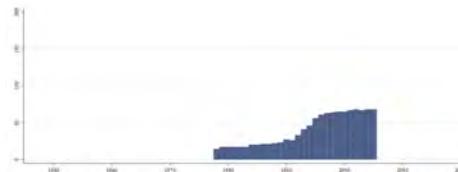
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1978 Max. Year: 2005  
N: 71 n: 1086  $\bar{N}$ : 39  $\bar{T}$ : 15

#### 4.66.42 Sharing of Votes among Candidates - SMD (lower/only house) (jw\_smdpool)

Pool for single-member district tiers in elections to the lower house. The Pool variables measure the extent to which votes among candidates from the same party are shared. The variables equal (in order of increasing personal vote incentives): (0) where pooling of votes occurs across all candidates in a party in a district; (1) where pooling of votes occurs across some, but not all, candidates in a party in a district, or, where there is vote pooling across all candidates in a party in a district, but where the average district accounts for 5% or less of a legislature's membership; (2) where no pooling of votes occurs across candidates in a party (including single-member districts).

### Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1978 Max. Year: 2005  
N: 73 n: 1111  $\bar{N}$ : 40  $\bar{T}$ : 15

#### 4.66.43 Candidate or Party-specific Voting - SMD (lower/only house) (jw\_smdvote)

Vote for single-member district tiers in elections to the lower house. The Vote variables focus attention on the distinction between casting votes for either parties or individual candidates. The variables equal (in order of increasing personal vote incentives): (0) where voters have only one vote for a party; (1) where voters can vote for a party or a candidate (as in open lists), where voters have multiple votes for multiple candidates (as in runoff or single-transferable vote systems), or where votes for a party or candidate are observationally equivalent (as in single-member districts); (2) where voters have one vote for an individual candidate.

### Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1978 Max. Year: 2005  
N: 73 n: 1111  $\bar{N}$ : 40  $\bar{T}$ : 15

#### 4.66.44 Tiervote (lower/only house) (jw\_tiervote)

Equals 1 when citizens are given a separate vote for deputies in each legislative tier.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



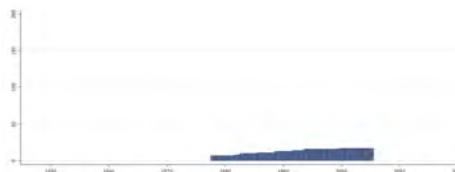
Min. Year:1978 Max. Year: 2005  
N: 111 n: 2143  $\bar{N}$ : 77  $\bar{T}$ : 19

### 4.66.45 Tiervote (upper house) (jw\_tiervote2)

Equals 1 when citizens are given a separate vote for deputies in each legislative tier.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1978 Max. Year: 2005  
N: 18 n: 364  $\bar{N}$ : 13  $\bar{T}$ : 20

## 4.67 Aljaz Kunčič

<https://sites.google.com/site/aljazkuncic/research>

(Kunčič, 2014)

(Data downloaded: 2020-09-30)

### Institutional Quality Dataset

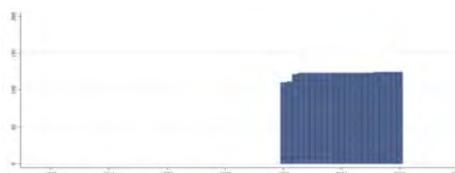
More than 30 established institutional indicators can be clustered into three homogeneous groups of formal institutions: legal, political and economic, which capture to a large extent the complete formal institutional environment of a country. The latent qualities of legal, political and economic institutions for every country in the world and for every year are calculated. On this basis, a legal, political and economic World Institutional Quality Ranking are proposed, through which one can follow whether a country is improving or worsening its relative institutional environment. The calculated latent institutional quality measures can be useful in further panel data applications and add to the usual practice of using simply one or another index of institutional quality to capture the institutional environment.

#### 4.67.1 Cluster memberships based on means (kun\_cluster)

Cluster membership based on means.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



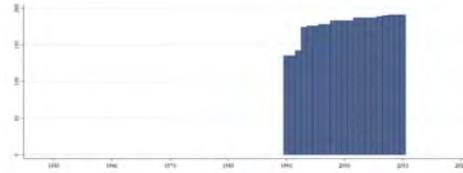
Min. Year:1990 Max. Year: 2010  
N: 126 n: 2561  $\bar{N}$ : 122  $\bar{T}$ : 20

#### 4.67.2 Absolute economic institutional quality(simple averages) (kun\_ecoabs)

Absolute economic institutional quality(simple averages).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



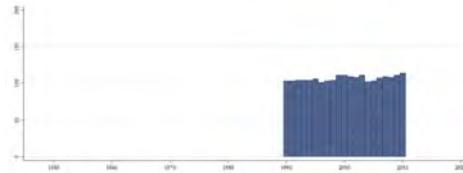
Min. Year:1990 Max. Year: 2010  
N: 194 n: 3726  $\bar{N}$ : 177  $\bar{T}$ : 19

### 4.67.3 Economic institutional quality (relative factor scores) (kun\_ecorel)

Economic institutional quality (relative factor scores).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



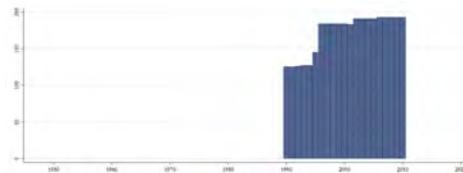
Min. Year:1990 Max. Year: 2010  
N: 126 n: 2236  $\bar{N}$ : 106  $\bar{T}$ : 18

### 4.67.4 Absolute legal institutional quality (simple averages) (kun\_legabs)

Absolute legal institutional quality (simple averages).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



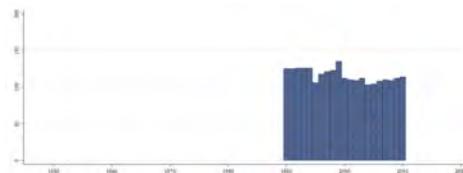
Min. Year:1990 Max. Year: 2010  
N: 196 n: 3607  $\bar{N}$ : 172  $\bar{T}$ : 18

### 4.67.5 Legal institutional quality (relative factor scores) (kun\_legrel)

Legal institutional quality (relative factor scores).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



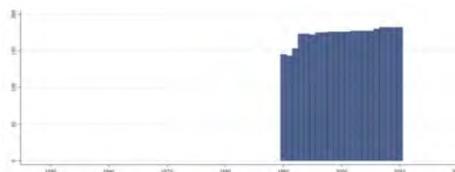
Min. Year:1990 Max. Year: 2010  
N: 142 n: 2434  $\bar{N}$ : 116  $\bar{T}$ : 17

### 4.67.6 Absolute political institutional quality (simple averages) (kun\_polabs)

Absolute political institutional quality (simple averages).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



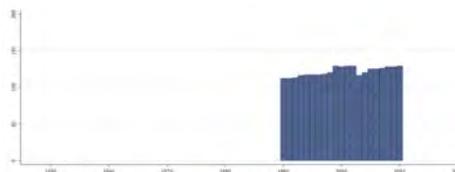
Min. Year:1990 Max. Year: 2010  
N: 185 n: 3629  $\bar{N}$ : 173  $\bar{T}$ : 20

### 4.67.7 Political institutional quality (relative factor scores) (kun\_polrel)

Political institutional quality (relative factor scores).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



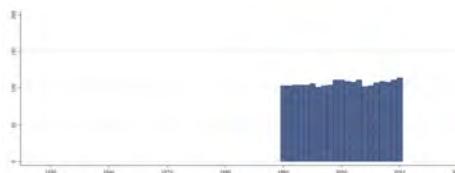
Min. Year:1990 Max. Year: 2010  
N: 134 n: 2554  $\bar{N}$ : 122  $\bar{T}$ : 19

### 4.67.8 Economic World Institutional Quality Ranking (all countries) (kun\_wiqreco\_all)

Economic World Institutional Quality Ranking (all countries).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



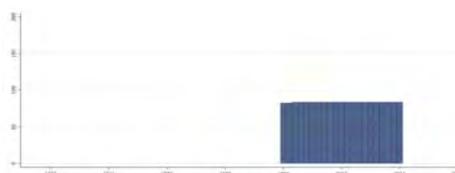
Min. Year:1990 Max. Year: 2010  
N: 126 n: 2236  $\bar{N}$ : 106  $\bar{T}$ : 18

### 4.67.9 Economic World Institutional Quality Ranking (full obs.) (kun\_wiqreco\_full)

Economic World Institutional Quality Ranking (countries with full observations).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



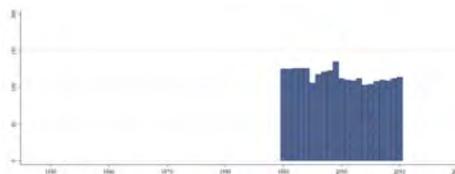
Min. Year:1990 Max. Year: 2010  
N: 85 n: 1762  $\bar{N}$ : 84  $\bar{T}$ : 21

### 4.67.10 Legal World Institutional Quality Ranking (all countries) (kun\_wiqrleg\_all)

Legal World Institutional Quality Ranking (all countries).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



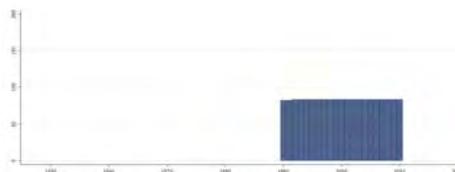
Min. Year:1990 Max. Year: 2010  
N: 142 n: 2434  $\bar{N}$ : 116  $\bar{T}$ : 17

### 4.67.11 Legal World Institutional Quality Ranking (full obs.) (kun\_wiqrleg\_full)

Legal World Institutional Quality Ranking (countries with full observations).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



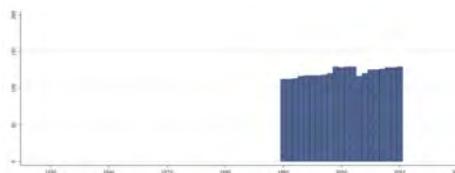
Min. Year:1990 Max. Year: 2010  
N: 85 n: 1762  $\bar{N}$ : 84  $\bar{T}$ : 21

### 4.67.12 Political World Institutional Quality Ranking (all countries) (kun\_wiqrpol\_all)

Political World Institutional Quality Ranking (all countries).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1990 Max. Year: 2010  
N: 134 n: 2554  $\bar{N}$ : 122  $\bar{T}$ : 19

### 4.67.13 Political World Institutional Quality Ranking (full obs.) (kun\_wiqrpol\_full)

Political World Institutional Quality Ranking (countries with full observations).

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1990 Max. Year: 2010  
N: 90 n: 1848  $\bar{N}$ : 88  $\bar{T}$ : 21

## 4.68 LIS Cross-National Data Center in Luxembourg

<https://www.lisdatacenter.org/data-access/key-figures/>

(LIS Cross-National Data Center in Luxembourg, 2020)

(Data downloaded: 2020-10-05)

## Luxembourg Income Study Database and the Luxembourg Wealth Study Database

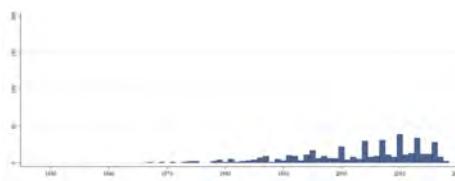
LIS, formerly known as The Luxembourg Income Study, is a data archive and research center dedicated to cross-national analysis. LIS is home to two databases, the Luxembourg Income Study Database, and the Luxembourg Wealth Study Database. The Luxembourg Income Study Database (LIS), under constant expansion, is the largest available database of harmonised microdata collected from multiple countries over a period of decades. The newer Luxembourg Wealth Study Database (LWS), is the only cross-national wealth microdatabase in existence.

### 4.68.1 Atkinson Coefficient (epsilon=0.5) (lis\_atk05)

Atkinson Coefficient (epsilon=0.5).



Min. Year:2014 Max. Year: 2018  
N: 35



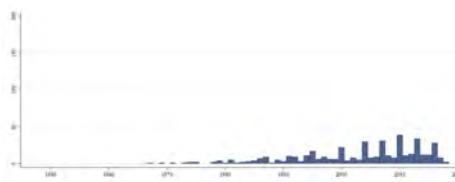
Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

### 4.68.2 Atkinson Coefficient (epsilon=1) (lis\_atk1)

Atkinson Coefficient (epsilon=1).



Min. Year:2014 Max. Year: 2018  
N: 35



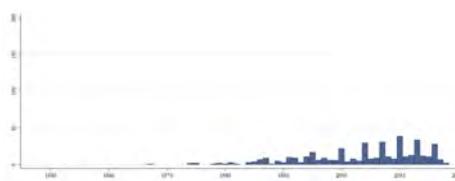
Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

### 4.68.3 Children Living in Single-Mother Families (%) (lis\_clsmf)

Children Living in Single-Mother Families (%).



Min. Year:2014 Max. Year: 2018  
N: 34



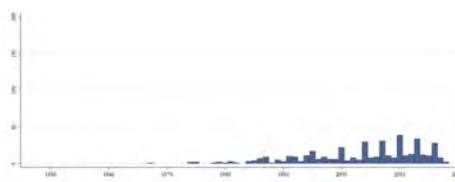
Min. Year:1967 Max. Year: 2018  
N: 52 n: 415  $\bar{N}$ : 8  $\bar{T}$ : 8

### 4.68.4 Children Poverty Rates - Single-Mother Families (50%) (lis\_cprsmf)

Children Poverty Rates - Single-Mother Families (50%).



Min. Year:2014 Max. Year: 2018  
N: 34



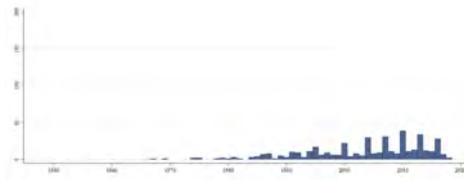
Min. Year:1967 Max. Year: 2018  
N: 52 n: 416  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.5 Children Poverty Rates - Two-Parent Families (50%) (lis\_cprrpf)

Children Poverty Rates - Two-Parent Families (50%).



Min. Year:2014 Max. Year: 2018  
N: 34



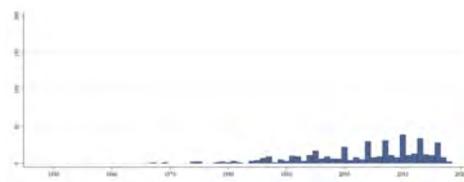
Min. Year:1967 Max. Year: 2018  
N: 52 n: 415  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.6 Distribution of Children by Income Group (above 150%) (lis\_dc150)

Distribution of Children by Income Group (above 150%).



Min. Year:2014 Max. Year: 2018  
N: 34



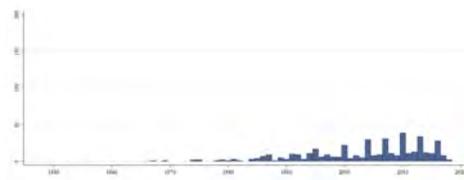
Min. Year:1967 Max. Year: 2018  
N: 52 n: 417  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.7 Distribution of Children by Income Group (50-75%) (lis\_dc5075)

Distribution of Children by Income Group (50-75%).



Min. Year:2014 Max. Year: 2018  
N: 34



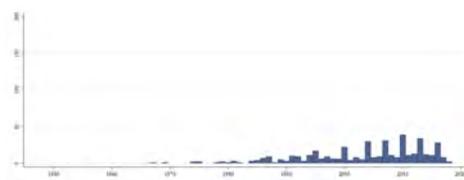
Min. Year:1967 Max. Year: 2018  
N: 52 n: 417  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.8 Distribution of Children by Income Group (75-150%) (lis\_dc75150)

Distribution of Children by Income Group (75-150%).



Min. Year:2014 Max. Year: 2018  
N: 34



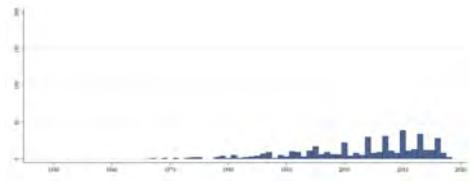
Min. Year:1967 Max. Year: 2018  
N: 52 n: 417  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.9 Gini Coefficient (lis\_gini)

Gini Coefficient.



Min. Year:2014 Max. Year: 2018  
N: 35



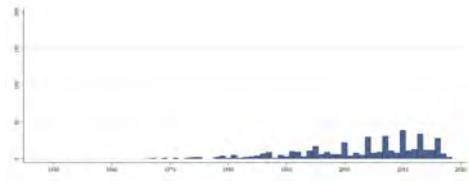
Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.10 Mean Equivalized Income (lis\_meaneqi)

Mean Equivalized Income.



Min. Year:2014 Max. Year: 2018  
N: 35



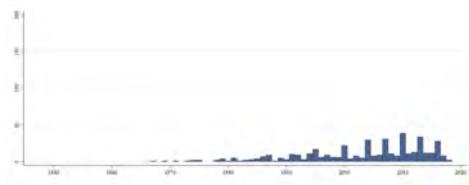
Min. Year:1967 Max. Year: 2018  
N: 52 n: 426  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.11 Median Equivalized Income (lis\_medeqi)

Median Equivalized Income.



Min. Year:2014 Max. Year: 2018  
N: 35



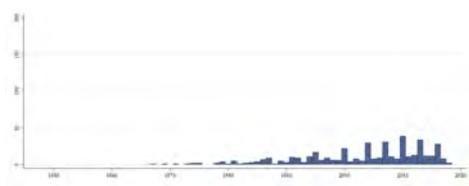
Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.12 Percentile Ratio (80/20) (lis\_pr8020)

Percentile Ratio (80/20).



Min. Year:2014 Max. Year: 2018  
N: 35



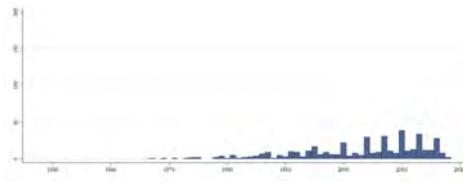
Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.13 Percentile Ratio (90/10) (lis\_pr9010)

Percentile Ratio (90/10).



Min. Year:2014 Max. Year: 2018  
N: 35



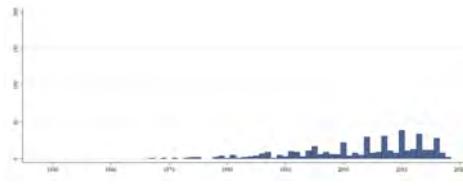
Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

**4.68.14 Percentile Ratio (90/50) (lis\_pr9050)**

Percentile Ratio (90/50).



Min. Year:2014 Max. Year: 2018  
N: 35



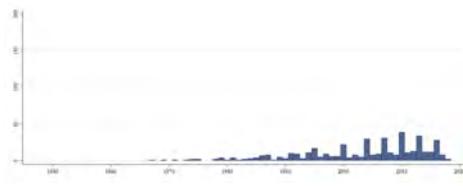
Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

**4.68.15 Relative Poverty Rates - Elderly (40%) (lis\_rpr40)**

Relative Poverty Rates - Elderly (40%).



Min. Year:2014 Max. Year: 2018  
N: 35



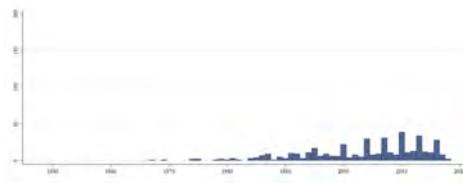
Min. Year:1967 Max. Year: 2018  
N: 52 n: 424  $\bar{N}$ : 8  $\bar{T}$ : 8

**4.68.16 Relative Poverty Rates - Children (40%) (lis\_rprc40)**

Relative Poverty Rates - Children (40%).



Min. Year:2014 Max. Year: 2018  
N: 34



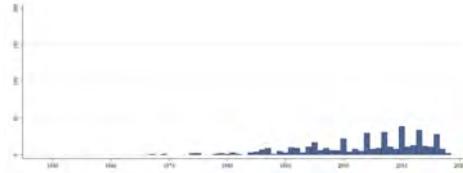
Min. Year:1967 Max. Year: 2018  
N: 52 n: 417  $\bar{N}$ : 8  $\bar{T}$ : 8

**4.68.17 Relative Poverty Rates - Children (50%) (lis\_rprc50)**

Relative Poverty Rates - Children (50%).



Min. Year:2014 Max. Year: 2018  
N: 34



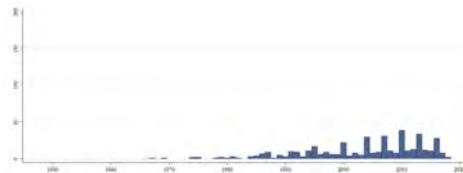
Min. Year:1967 Max. Year: 2018  
N: 52 n: 417  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.18 Relative Poverty Rates - Children (60%) (lis\_rprc60)

Relative Poverty Rates - Children (60%).



Min. Year:2014 Max. Year: 2018  
N: 34



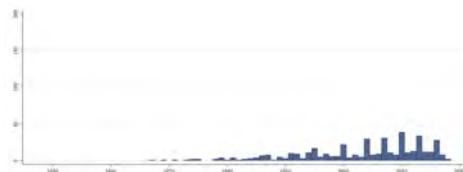
Min. Year:1967 Max. Year: 2018  
N: 52 n: 417  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.19 Relative Poverty Rates - Elderly (50%) (lis\_rpre50)

Relative Poverty Rates - Elderly (50%).



Min. Year:2014 Max. Year: 2018  
N: 35



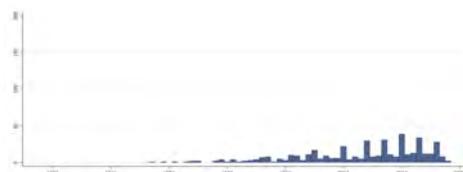
Min. Year:1967 Max. Year: 2018  
N: 52 n: 424  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.20 Relative Poverty Rates - Elderly (60%) (lis\_rpre60)

Relative Poverty Rates - Elderly (60%).



Min. Year:2014 Max. Year: 2018  
N: 35



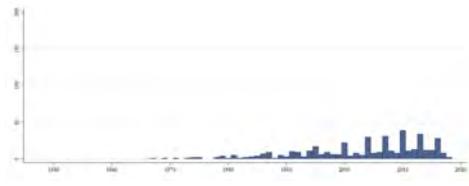
Min. Year:1967 Max. Year: 2018  
N: 52 n: 424  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.21 Relative Poverty Rates - Total Population (40%) (lis\_rprt40)

Relative Poverty Rates - Total Population (40%).



Min. Year:2014 Max. Year: 2018  
N: 35



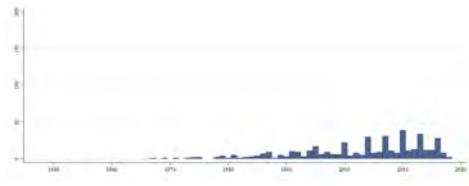
Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.22 Relative Poverty Rates - Total Population (50%) (lis\_rprt50)

Relative Poverty Rates - Total Population (50%).



Min. Year:2014 Max. Year: 2018  
N: 35



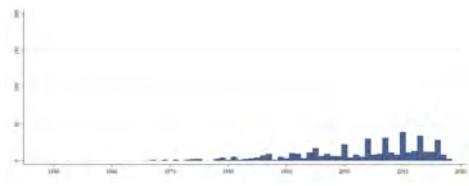
Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

#### 4.68.23 Relative Poverty Rates - Total Population (60%) (lis\_rprt60)

Relative Poverty Rates - Total Population (60%).



Min. Year:2014 Max. Year: 2018  
N: 35



Min. Year:1967 Max. Year: 2018  
N: 52 n: 427  $\bar{N}$ : 8  $\bar{T}$ : 8

### 4.69 La Porta, López-de-Silanes, Shleifer and Vishny

<http://faculty.tuck.dartmouth.edu/rafael-laporta/research-publications/>  
(Porta et al., 1999)  
(Data downloaded: 2020-09-22)

#### Data used in the article "The Quality of Government"

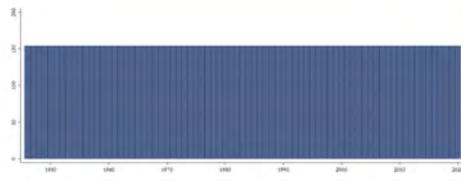
Original sources for the Religion variables: Barrett (1982), Worldmark Encyclopedia of the Nations (1995), Statistical Abstract of the World (1995), United Nations (1995) and CIA (1996).

#### 4.69.1 Religion: Catholic (lp\_catho80)

Religion: Catholic: Catholics as percentage of population in 1980.



Min. Year:2017 Max. Year: 2017  
N: 150



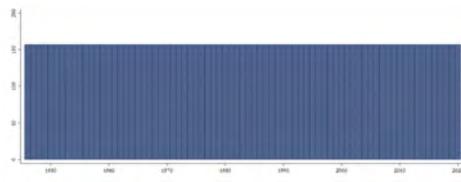
Min. Year:1946 Max. Year: 2020  
N: 154 n: 11550  $\bar{N}$ : 154  $\bar{T}$ : 75

#### 4.69.2 Latitude (lp\_lat\_abst)

Latitude: The absolute value of the latitude of the capital city, divided by 90 (to take values between 0 and 1).



Min. Year:2017 Max. Year: 2017  
N: 153



Min. Year:1946 Max. Year: 2020  
N: 157 n: 11775  $\bar{N}$ : 157  $\bar{T}$ : 75

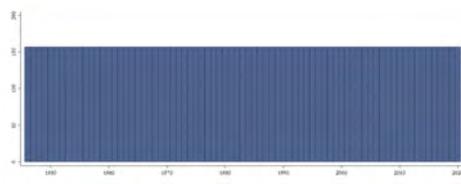
#### 4.69.3 Legal Origin (lp\_legor)

Legal origin: Identifies the legal origin of the Company Law or Commercial code of each country. There are five possible origins:

1. English Common Law
2. French Commercial Code
3. Socialist/Communist Laws
4. German Commercial Code
5. Scandinavian Commercial Code



Min. Year:2017 Max. Year: 2017  
N: 153



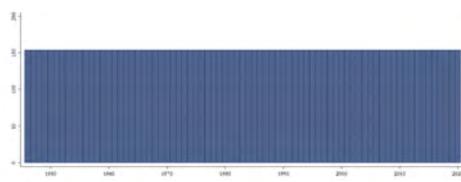
Min. Year:1946 Max. Year: 2020  
N: 157 n: 11775  $\bar{N}$ : 157  $\bar{T}$ : 75

#### 4.69.4 Religion: Muslim (lp\_muslim80)

Religion: Muslim: Muslims as percentage of population in 1980.



Min. Year:2017 Max. Year: 2017  
N: 150



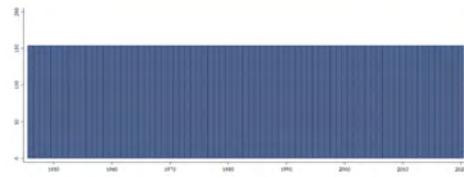
Min. Year:1946 Max. Year: 2020  
N: 154 n: 11550  $\bar{N}$ : 154  $\bar{T}$ : 75

#### 4.69.5 Religion: Other Denomination (lp\_no\_cpm80)

Religion: Other Denomination: Percentage of population belonging to other denominations in 1980. Defined as  $100 - lp\_catho80 - lp\_muslim80 - lp\_protmg80$ .



Min. Year:2017 Max. Year: 2017  
N: 150



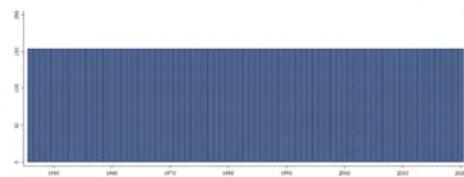
Min. Year:1946 Max. Year: 2020  
N: 154 n: 11550  $\bar{N}$ : 154  $\bar{T}$ : 75

#### 4.69.6 Religion: Protestant (lp\_protmg80)

Religion: Protestant: Protestants as percentage of population in 1980.



Min. Year:2017 Max. Year: 2017  
N: 150



Min. Year:1946 Max. Year: 2020  
N: 154 n: 11550  $\bar{N}$ : 154  $\bar{T}$ : 75

### 4.70 Maddison Historical Statistics

<https://www.rug.nl/ggdc/historicaldevelopment/maddison/releases/maddison-project-database-2018>

(Bolt & van Zanden, 2020)

(Data downloaded: 2020-11-09)

#### Maddison Project Database 2020

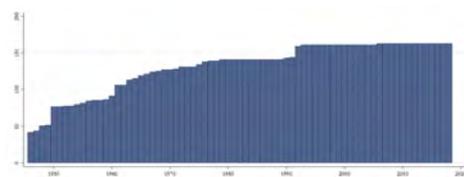
The Maddison Project Database provides information on comparative economic growth and income levels over the very long run. The 2020 version of this database covers 169 countries and the period up to 2018.

#### 4.70.1 Real GDP per Capita (mad\_gdppc)

Real GDP per capita in 2011 US dollars, multiple benchmarks.



Min. Year:2017 Max. Year: 2017  
N: 163



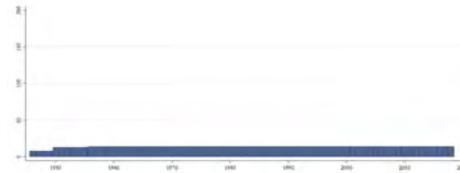
Min. Year:1946 Max. Year: 2018  
N: 175 n: 9559  $\bar{N}$ : 131  $\bar{T}$ : 55

#### 4.70.2 Real GDP per Capita (year 1) (mad\_gdppc1)

Real GDP per capita in 2011 US dollars for year 1, multiple benchmarks.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



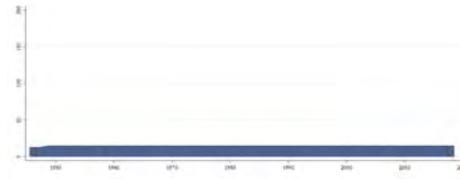
Min. Year:1946 Max. Year: 2018  
N: 15 n: 992  $\bar{N}$ : 14  $\bar{T}$ : 66

### 4.70.3 Real GDP per Capita (year 1600) (mad\_gdppc1600)

Real GDP per capita in 2011 US dollars for year 1600, multiple benchmarks.



Min. Year:2017 Max. Year: 2017  
N: 15



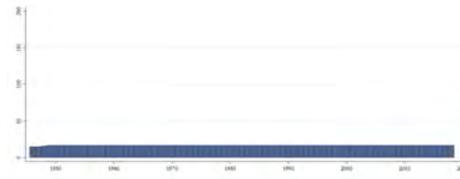
Min. Year:1946 Max. Year: 2018  
N: 17 n: 1090  $\bar{N}$ : 15  $\bar{T}$ : 64

### 4.70.4 Real GDP per Capita (year 1700) (mad\_gdppc1700)

Real GDP per capita in 2011 US dollars for year 1700, multiple benchmarks.



Min. Year:2017 Max. Year: 2017  
N: 17



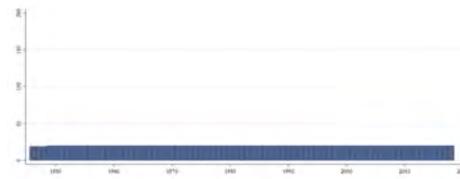
Min. Year:1946 Max. Year: 2018  
N: 19 n: 1236  $\bar{N}$ : 17  $\bar{T}$ : 65

### 4.70.5 Real GDP per Capita (year 1800) (mad\_gdppc1800)

Real GDP per capita in 2011 US dollars for year 1800, multiple benchmarks.



Min. Year:2017 Max. Year: 2017  
N: 20



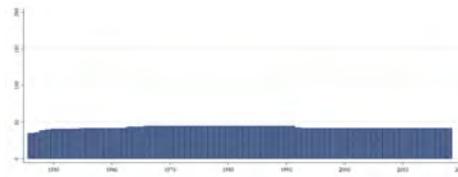
Min. Year:1946 Max. Year: 2018  
N: 21 n: 1457  $\bar{N}$ : 20  $\bar{T}$ : 69

### 4.70.6 Real GDP per Capita (year 1900) (mad\_gdppc1900)

Real GDP per capita in 2011 US dollars for year 1900, multiple benchmarks.



Min. Year:2017 Max. Year: 2017  
N: 42



Min. Year:1946 Max. Year: 2018  
N: 48 n: 3128  $\bar{N}$ : 43  $\bar{T}$ : 65

## 4.71 Hyde and Marinov

<http://www.nelda.co/>  
(Hyde & Marinov, 2012)  
(Data downloaded: 2020-11-04)

### National Elections Across Democracy and Autocracy V5

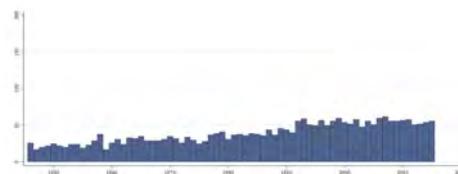
The National Elections across Democracy and Autocracy (NELDA) dataset provides detailed information on all election events from 1945-2015. To be included, elections must be for a national executive figure, such as a president, or for a national legislative body, such as a parliament, legislature, constituent assembly, or other directly elected representative bodies. In order for an election to be included, voters must directly elect the person or persons appearing on the ballot to the national post in question. Voting must also be direct, or “by the people” in the sense that mass voting takes place.

#### 4.71.1 First Multiparty Election (nelda\_fme)

This indicates when a country is newly independent is having its first elections, when a country holds the first multiparty elections after a significant period of non-democratic rule, or when a country transitions from single-party elections to multiparty elections. Multiparty means that more than one party is allowed to contest the election, and that at least some of the parties are both nominally and effectively independent of the ruling actors.



Min. Year:2014 Max. Year: 2015  
N: 106



Min. Year:1946 Max. Year: 2015  
N: 202 n: 2738  $\bar{N}$ : 39  $\bar{T}$ : 14

#### 4.71.2 Media Bias before Election (nelda\_mbbe)

If there were reports by either domestic or outside actors of media bias in favor of the incumbent or ruling party, it is coded as a “Yes”. In cases where the media is totally controlled by the government, and/or no opposition is allowed, the answer is “Yes”. It is possible that the answer is “No” even if the political system is tightly controlled.



Min. Year:2014 Max. Year: 2015  
N: 105



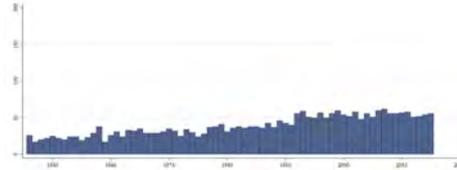
Min. Year:1946 Max. Year: 2015  
N: 202 n: 2689  $\bar{N}$ : 38  $\bar{T}$ : 13

#### 4.71.3 Was More Than One Party Legal (nelda\_mtop)

This variable indicates whether multiple political parties were technically legal. The legalization of multiple parties need not necessarily mean the existence of a functioning opposition party, as there may be other non-legal barriers to the development of an opposition party. Similarly, a well organized opposition party may exist but may not be legal.



Min. Year:2014 Max. Year: 2015  
N: 106



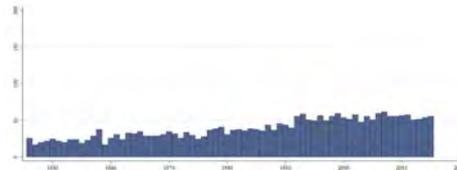
Min. Year:1946 Max. Year: 2015  
N: 202 n: 2731  $\bar{N}$ : 39  $\bar{T}$ : 14

#### 4.71.4 Number of Elections, Total (nelda\_noe)

The number of Elections during the year (counting legislative, executive and constituent assembly elections).



Min. Year:2014 Max. Year: 2015  
N: 106



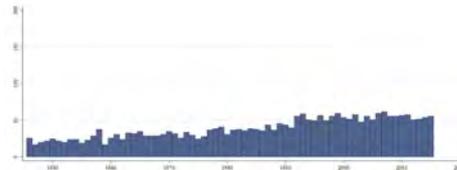
Min. Year:1946 Max. Year: 2015  
N: 202 n: 2738  $\bar{N}$ : 39  $\bar{T}$ : 14

#### 4.71.5 Number of Elections, Constituent Assembly (nelda\_noea)

Number of constituent assembly elections during the year.



Min. Year:2014 Max. Year: 2015  
N: 106



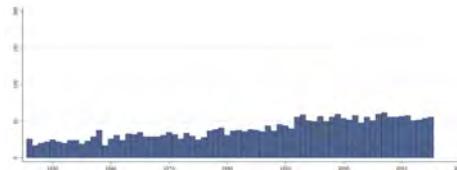
Min. Year:1946 Max. Year: 2015  
N: 202 n: 2738  $\bar{N}$ : 39  $\bar{T}$ : 14

#### 4.71.6 Number of Elections, Executive (nelda\_noee)

Number of executive elections during the year.



Min. Year:2014 Max. Year: 2015  
N: 106



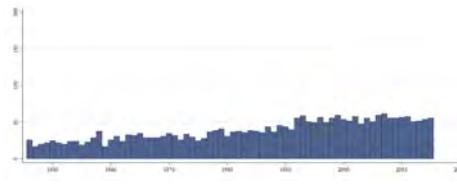
Min. Year:1946 Max. Year: 2015  
N: 202 n: 2738  $\bar{N}$ : 39  $\bar{T}$ : 14

#### 4.71.7 Number of Elections, Legislative (nelda\_noel)

Number of legislative elections during the year.



Min. Year:2014 Max. Year: 2015  
N: 106



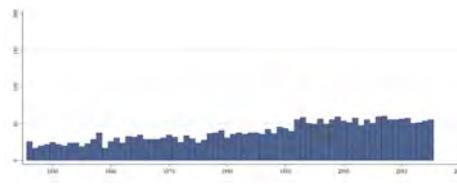
Min. Year:1946 Max. Year: 2015  
N: 202 n: 2738  $\bar{N}$ : 39  $\bar{T}$ : 14

#### 4.71.8 Was Opposition Allowed (nelda\_oa)

This variable indicates whether at least one opposition political party existed to contest the election. Some countries have multiple government parties but no opposition political party. An opposition party is one that is not in the government, meaning it is not affiliated with the incumbent party in power.



Min. Year:2014 Max. Year: 2015  
N: 106



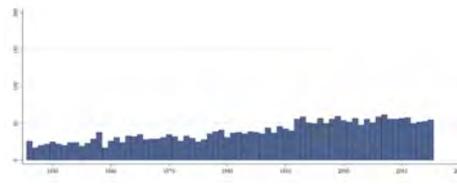
Min. Year:1946 Max. Year: 2015  
N: 202 n: 2731  $\bar{N}$ : 39  $\bar{T}$ : 14

#### 4.71.9 Riots and Protests after Election (nelda\_rpae)

If there are protests and riots after elections, a “Yes” is coded. The riots and protests should at least somewhat be related to the handling or outcome of the election.



Min. Year:2014 Max. Year: 2015  
N: 105



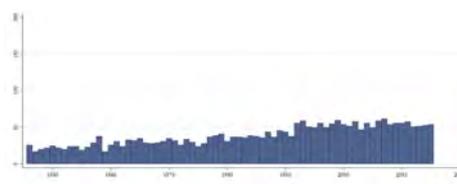
Min. Year:1946 Max. Year: 2015  
N: 202 n: 2729  $\bar{N}$ : 39  $\bar{T}$ : 14

#### 4.71.10 Violence and Civilian Deaths before Election (nelda\_vcdbe)

If there was any significant violence relating to the elections that resulted in civilian deaths, a “Yes” is coded. These deaths should be at least plausibly related to the election, though sometimes it is difficult to be certain. Deaths related to civil war that are not intended to influence the election, and are not caused by the election, should not be counted.



Min. Year:2014 Max. Year: 2015  
N: 103



Min. Year:1946 Max. Year: 2015  
N: 202 n: 2722  $\bar{N}$ : 39  $\bar{T}$ : 13

## 4.72 Pippa Norris

<https://www.pippanorris.com/data>

(Norris, 2009)

(Data downloaded: 2019-10-09)

### Democracy Time-series Data Release 3.0, January 2009

This dataset is in a country-year case format, suitable for cross-national time-series analysis. It contains data on the social, economic and political characteristics of 191 nations with over 600 variables from 1971 to 2007. In particular, it merges the indicators of democracy by Freedom House, Vanhanen, Polity IV, and Cheibub and Gandhi, selected institutional classifications and also socioeconomic indicators. Note that you should check the original codebook for the definition and measurement of each of the variables. The period for each series also varies. This is the replication dataset used in the book, *Driving Democracy*.

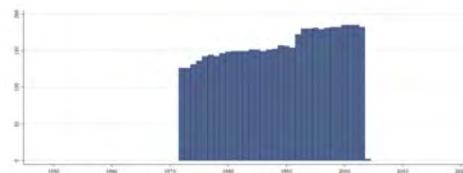
#### 4.72.1 Classification of Executives (no\_ce)

Classification of Executives:

1. Parliamentary Monarchy
2. Presidential Republic
3. Mixed Executive
4. Monarchy
5. Military State

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1972 Max. Year: 2004  
N: 192 n: 5085  $\bar{N}$ : 154  $\bar{T}$ : 26

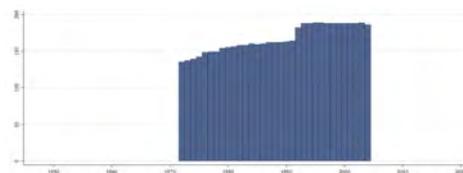
#### 4.72.2 Electoral Family (no\_ef)

Electoral Family:

1. Majoritarian
2. Combined (mixed)
3. Proportional
4. No competitive elections

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1972 Max. Year: 2004  
N: 195 n: 5511  $\bar{N}$ : 167  $\bar{T}$ : 28

#### 4.72.3 Unitary or Federal State (no\_ufs)

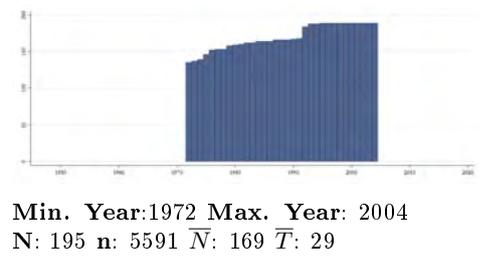
Unitary or Federal State:

1. Unitary

- 2. Hybrid unions
- 3. Federal

**Variable not included  
in Cross-Section Data**

N: N/A Min. Year: N/A Max. Year: N/A



### 4.73 Natural Resource Management Index

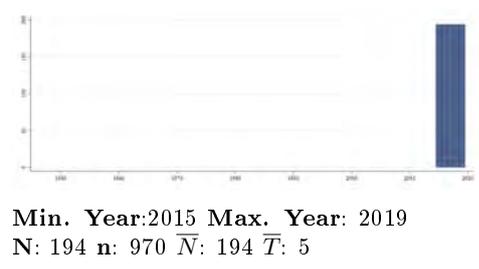
<http://sedac.ciesin.columbia.edu/data/collection/nrmi>  
 (Center for International Earth Science Information Network - CIESIN - Columbia University, 2019)  
 (Data downloaded: 2020-11-13)

#### Natural Resource Management Index (NRMI) Data

The Natural Resource Protection and Child Health Indicators, 2019 Release, is produced in support of the U.S. Millennium Challenge Corporation (MCC) as selection criteria for funding eligibility. The Natural Resource Protection Indicator (NRPI) and Child Health Indicator (CHI) are based on proximity-to-target scores ranging from 0 to 100 (at target). The NRPI covers 234 countries and is calculated based on the weighted average percentage of biomes under protected status. The CHI is a composite index for 195 countries derived from the average of three proximity-to-target scores for access to at least basic water and sanitation, along with child mortality. The 2019 release includes a consistent time series of NRPI scores for 2015 to 2019 and CHI scores for 2010 to 2018.

#### 4.73.1 Natural Resource Protection Indicator (nrmi\_nrpi)

Natural Resource Protection Indicator assesses whether a country is protecting at least 17% of all of its biomes (e.g. deserts, forests, grasslands, aquatic, and tundra). It is designed to capture the comprehensiveness of a government's commitment to habitat preservation and biodiversity protection. The World Wildlife Fund provides the underlying biome data, and the United Nations Environment Program World Conservation Monitoring Center provides the underlying data on protected areas.



### 4.74 Nunn and Puga

<http://diegopuga.org/data/rugged/>  
 (Nunn & Puga, 2012)  
 (Data downloaded: 2020-09-23)

## Country Ruggedness and Geographical Data (2012)

The dataset of terrain ruggedness and other geographical characteristics of countries was created by Nathan Nunn and Diego Puga for their article 'Ruggedness: The blessing of bad geography in Africa', published in the Review of Economics and Statistics 94(1), February 2012: 20-36.

### 4.74.1 Percentage desert in 2012 (nunn\_desert)

The percentage of the land surface area of each country covered by sandy desert, dunes, rocky or lava flows, was calculated on the basis of the desert layer of the Collins Bartholomew World Premium digital map data (Collins Bartholomew, 2005) and the country boundaries described above. This was initially computed as a cruder measure of soil (in)fertility for an early draft of the paper and is no longer used in the final version. Nunn and Puga have left it in the dataset in case it is of use to other researchers.



Min. Year: 2014 Max. Year: 2014  
N: 191

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

Variable not included  
in Time-Series Data

### 4.74.2 Average distance to nearest ice-free coast (1000 km) in 2012 (nunn\_dist\_coast)

Average distance to nearest ice-free coast (1000 km). To calculate the average distance to the closest ice-free coast in each country, Nunn and Puga first compute the distance to the nearest ice-free coast for every point in the country in equi-rectangular projection with standard parallels at 30 degrees, on the basis of sea and sea ice area features contained in the fifth edition of the Digital Chart of the World (US National Imagery and Mapping Agency, 2000) and the country boundaries described above. Then Nunn and Puga average this distance across all land in each country not covered by inland water features. Units are thousands of kilometres.



Min. Year: 2014 Max. Year: 2014  
N: 191

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

Variable not included  
in Time-Series Data

### 4.74.3 Percentage within 100 km. of ice-free coast in 2012 (nunn\_near\_coast)

Within 100 km of ice-free coast. On the basis of the same data used to calculate the average distance to nearest ice-free coast, Nunn and Puga calculate the percentage of the land surface area of each country that is within 100km of the nearest ice-free coast.



Min. Year: 2014 Max. Year: 2014  
N: 191

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

Variable not included  
in Time-Series Data

#### 4.74.4 Ruggedness (Terrain Ruggedness Index, 100 m) in 2012 (nunn\_rugged)

This is the Terrain Ruggedness Index originally devised by Riley, DeGloria, and Elliot (1999) to quantify topographic heterogeneity in wildlife habitats providing concealment for preys and lookout posts. The source of elevation data is GTOPO30 (US Geological Survey, 1996), a global elevation data set developed through a collaborative international effort led by staff at the US Geological Survey's Center for Earth Resources Observation and Science (EROS). Elevations in GTOPO30 are regularly spaced at 30 arc-seconds across the entire surface of the Earth on a map using a geographic projection, so the sea-level surface distance between two adjacent grid points on a meridian is half a nautical mile or, equivalently, 926 metres. After calculating the Terrain Ruggedness Index for each point on the grid, Nunn and Puga average across all grid cells in the country not covered by water to obtain the average terrain ruggedness of the country's land area. Since the sea-level surface that corresponds to a 30 by 30 arcsecond cell varies in proportion to the cosine of its latitude, when calculating the average terrain ruggedness — or the average of any other variable — for each country, Nunn and Puga weigh each cell by its latitude-varying sea-level surface. Nunn and Puga assign land to countries — for this and other variables — using digital boundary data based on the fifth edition of the Digital Chart of the World (US National Imagery and Mapping Agency, 2000), which they have updated to reflect 2000 country boundaries using information from the International Organization for Standardization ISO 3166 Maintenance Agency and other sources. Nunn and Puga exclude areas covered by permanent inland water area features contained in the same edition of the Digital Chart of the World. The units for the terrain ruggedness index correspond to the units used to measure elevation differences. In our calculation, ruggedness is measured in hundreds of metres of elevation difference for grid points 30 arc-seconds (926 metres on the equator or any meridian) apart.



Min. Year: 2014 Max. Year: 2014  
N: 191

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.74.5 Percentage tropical climate in 2012 (nunn\_tropical)

Tropical climate. Using detailed temperature and precipitation data from the Climatic Research Unit of the University of East Anglia and the Global Precipitation Climatology Centre of the German Nunn and Pugaather Service, Kottek, Grieser, Beck, Rudolf, and Rubel (2006) classify each cell on a 30 arc-minute grid covering the entire land area of the Earth into one of 31 climates in the widely-used Köppen-Geiger climate classification. Based on these data and the country boundaries described above, Nunn and Puga calculate the percentage of the land surface area of each country that has any of the four Köppen-Geiger tropical climates.



Min. Year: 2014 Max. Year: 2014  
N: 191

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.75 Organisation for Economic Co-operation and Development

<http://stats.oecd.org/#>

(Organisation for Economic Co-operation and Development, 2020)

(Data downloaded: 2021-01-07)

## Country Statistical Profiles

The Country Statistical Profiles database from the Organisation for Economic Cooperation and Development (OECD) includes a wide range of indicators on economy, education, energy, environment, foreign aid, health, information and communication, labour, migration, R&D, trade and society that better reflect key figures about the member states of the OECD. Historical data refer to the latest eight time periods.

Please note we have selected some of these variables for this version of the QoG Datasets. Find the full list of variables in the source's website.

### 4.75.1 Elderly population (oecd\_agedpopgeo\_g1)

Elderly population



Min. Year:2014 Max. Year: 2014  
N: 43

Variable not included  
in Time-Series Data

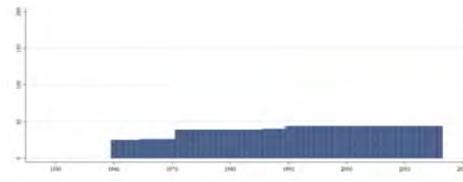
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.75.2 CO2 emissions from fuel combustion (oecd\_airqty\_t1)

CO2 emissions from fuel combustion



Min. Year:2016 Max. Year: 2016  
N: 44



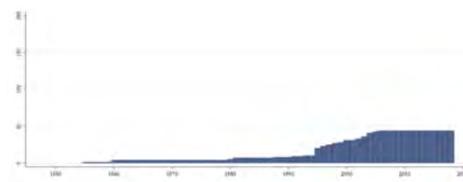
Min. Year:1960 Max. Year: 2016  
N: 46 n: 2214  $\bar{N}$ : 39  $\bar{T}$ : 48

### 4.75.3 Current account balance (oecd\_bop\_t1)

Current account balance



Min. Year:2017 Max. Year: 2017  
N: 44



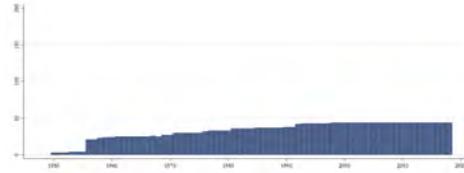
Min. Year:1955 Max. Year: 2018  
N: 44 n: 1111  $\bar{N}$ : 17  $\bar{T}$ : 25

### 4.75.4 CPI: all items (oecd\_cpi\_t1a)

Consumer Price Index: all items



Min. Year:2017 Max. Year: 2017  
N: 44



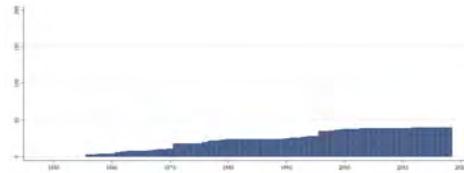
Min. Year:1950 Max. Year: 2018  
N: 46 n: 2289  $\bar{N}$ : 33  $\bar{T}$ : 50

#### 4.75.5 CPI: all items non food non energy (oecd\_cpi\_t1b)

Consumer Price Index: all items non food non energy



Min. Year:2017 Max. Year: 2017  
N: 40



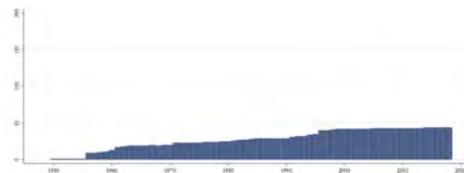
Min. Year:1956 Max. Year: 2018  
N: 41 n: 1568  $\bar{N}$ : 25  $\bar{T}$ : 38

#### 4.75.6 CPI: food (oecd\_cpi\_t1c)

Consumer Price Index: food



Min. Year:2017 Max. Year: 2017  
N: 44



Min. Year:1950 Max. Year: 2018  
N: 45 n: 1911  $\bar{N}$ : 28  $\bar{T}$ : 42

#### 4.75.7 CPI: energy (oecd\_cpi\_t1d)

Consumer Price Index: energy



Min. Year:2017 Max. Year: 2017  
N: 40



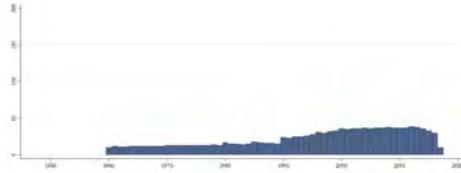
Min. Year:1950 Max. Year: 2018  
N: 42 n: 1605  $\bar{N}$ : 23  $\bar{T}$ : 38

#### 4.75.8 Practising physicians (oecd\_doctor\_g1)

Practising physicians



Min. Year:2014 Max. Year: 2017  
N: 36



Min. Year:1960 Max. Year: 2017  
N: 40 n: 1307  $\bar{N}$ : 23  $\bar{T}$ : 33

**4.75.9 General practitioners as a percentage of total physicians (oecd\_doctor\_g2a)**

General practitioners as a percentage of total physicians



Min. Year:2014 Max. Year: 2014  
N: 29

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.10 Specialists as a percentage of total physicians (oecd\_doctor\_g2b)**

Specialists as a percentage of total physicians



Min. Year:2014 Max. Year: 2014  
N: 29

Variable not included  
in Time-Series Data

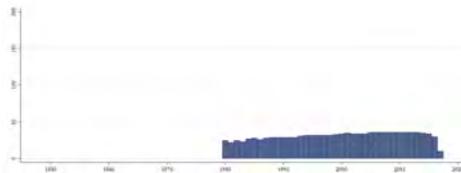
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.11 Medical graduates (oecd\_doctor\_g3)**

Medical graduates



Min. Year:2014 Max. Year: 2017  
N: 35



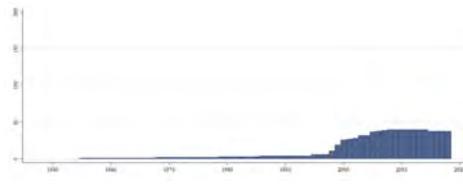
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1177  $\bar{N}$ : 31  $\bar{T}$ : 33

**4.75.12 Employment rates for age group 15-24 (oecd\_emplage\_t1a)**

Employment rates for age group 15-24



Min. Year:2014 Max. Year: 2017  
N: 40



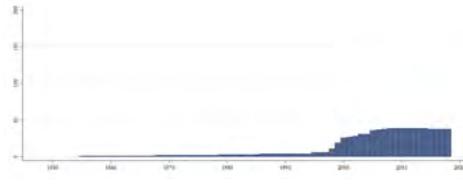
Min. Year:1955 Max. Year: 2018  
N: 40 n: 831  $\bar{N}$ : 13  $\bar{T}$ : 21

#### 4.75.13 Employment rates for age group 25-54 (oecd\_emplage\_t1b)

Employment rates for age group 25-54



Min. Year:2014 Max. Year: 2017  
N: 39



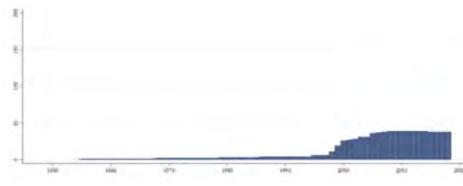
Min. Year:1955 Max. Year: 2018  
N: 39 n: 819  $\bar{N}$ : 13  $\bar{T}$ : 21

#### 4.75.14 Employment rates for age group 55-64 (oecd\_emplage\_t1c)

Employment rates for age group 55-64



Min. Year:2014 Max. Year: 2017  
N: 39



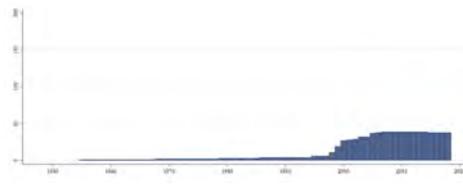
Min. Year:1955 Max. Year: 2018  
N: 39 n: 819  $\bar{N}$ : 13  $\bar{T}$ : 21

#### 4.75.15 Employment rates: women (oecd\_emplgndr\_t1a)

Employment rates: women



Min. Year:2014 Max. Year: 2017  
N: 39



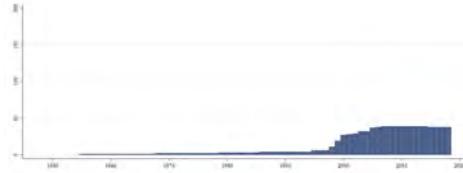
Min. Year:1955 Max. Year: 2018  
N: 39 n: 827  $\bar{N}$ : 13  $\bar{T}$ : 21

#### 4.75.16 Employment rates: men (oecd\_emplgndr\_t1b)

Employment rates: men



Min. Year:2014 Max. Year: 2017  
N: 39



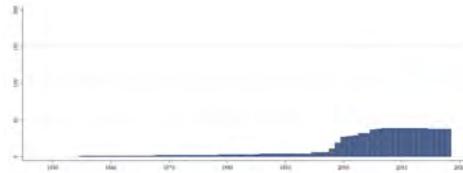
Min. Year:1955 Max. Year: 2018  
N: 39 n: 827  $\bar{N}$ : 13  $\bar{T}$ : 21

#### 4.75.17 Employment rates: total (oecd\_emplgndr\_t1c)

Employment rates: total



Min. Year:2014 Max. Year: 2017  
N: 39



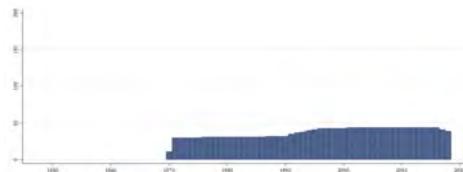
Min. Year:1955 Max. Year: 2018  
N: 39 n: 827  $\bar{N}$ : 13  $\bar{T}$ : 21

#### 4.75.18 Real GDP growth (oecd\_evogdp\_t1)

Real GDP growth



Min. Year:2016 Max. Year: 2017  
N: 44



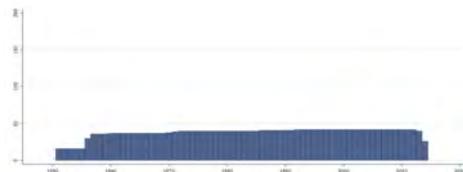
Min. Year:1970 Max. Year: 2018  
N: 45 n: 1820  $\bar{N}$ : 37  $\bar{T}$ : 40

#### 4.75.19 Population growth rates (oecd\_evopop\_g1)

Population growth rates



Min. Year:2014 Max. Year: 2014  
N: 26



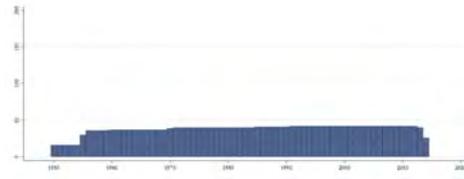
Min. Year:1951 Max. Year: 2014  
N: 44 n: 2419  $\bar{N}$ : 38  $\bar{T}$ : 55

#### 4.75.20 Population levels (oecd\_evopop\_t1)

Population levels



Min. Year:2014 Max. Year: 2014  
N: 26



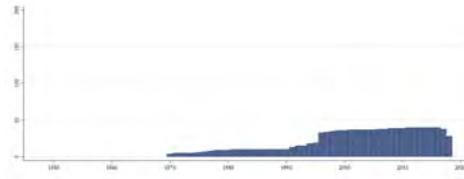
Min. Year:1950 Max. Year: 2014  
N: 44 n: 2459  $\bar{N}$ : 38  $\bar{T}$ : 56

**4.75.21 Real value added: agriculture, fishing, hunting and forestry (oecd\_evova\_t1a)**

Real value added in agriculture, fishing, hunting and forestry



Min. Year:2016 Max. Year: 2017  
N: 40



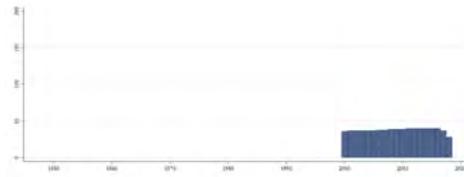
Min. Year:1970 Max. Year: 2018  
N: 40 n: 1110  $\bar{N}$ : 23  $\bar{T}$ : 28

**4.75.22 Real value added: industry including energy (oecd\_evova\_t1b)**

Real value added in industry including energy



Min. Year:2016 Max. Year: 2017  
N: 40



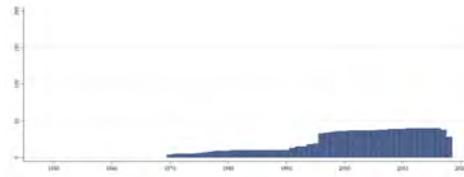
Min. Year:2000 Max. Year: 2018  
N: 40 n: 719  $\bar{N}$ : 38  $\bar{T}$ : 18

**4.75.23 Real value added: construction (oecd\_evova\_t1c)**

Real value added in construction



Min. Year:2016 Max. Year: 2017  
N: 40



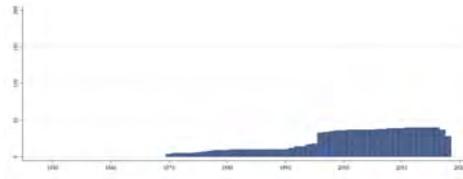
Min. Year:1970 Max. Year: 2018  
N: 40 n: 1110  $\bar{N}$ : 23  $\bar{T}$ : 28

**4.75.24 Real value added: trade, repairs, transport, accommodation and food serv. (oecd\_evova\_t1d)**

Real value added in distributive trade, repairs, transport, accommodation and food services activities



Min. Year:2016 Max. Year: 2017  
N: 40



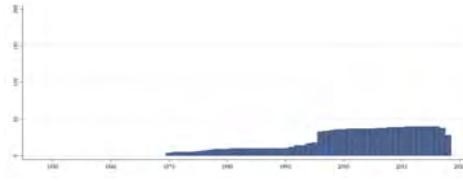
Min. Year:1970 Max. Year: 2018  
N: 40 n: 1104  $\bar{N}$ : 23  $\bar{T}$ : 28

#### 4.75.25 Real value added: Information and communication (oecd\_evova\_t1e)

Real value added in Information and communication



Min. Year:2016 Max. Year: 2017  
N: 40



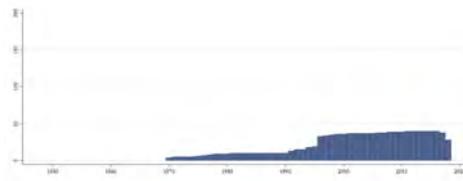
Min. Year:1970 Max. Year: 2018  
N: 40 n: 1105  $\bar{N}$ : 23  $\bar{T}$ : 28

#### 4.75.26 Real value added: financial and insurance activities (oecd\_evova\_t1f)

Real value added in financial and insurance activities



Min. Year:2016 Max. Year: 2017  
N: 40



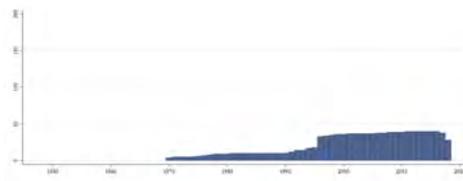
Min. Year:1970 Max. Year: 2018  
N: 40 n: 1110  $\bar{N}$ : 23  $\bar{T}$ : 28

#### 4.75.27 Real value added: real estate activities (oecd\_evova\_t1g)

Real value added in real estate activities



Min. Year:2016 Max. Year: 2017  
N: 40



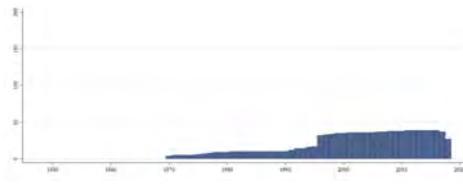
Min. Year:1970 Max. Year: 2018  
N: 40 n: 1105  $\bar{N}$ : 23  $\bar{T}$ : 28

#### 4.75.28 Real value added in professional, scientific, technical, administration (oecd\_evova\_t1h)

Real value added in professional, scientific, technical, administration and support services activities



Min. Year:2016 Max. Year: 2017  
N: 39



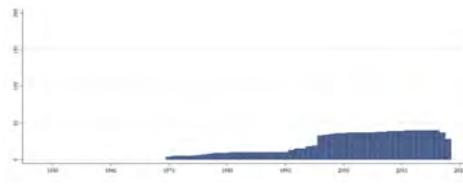
Min. Year:1970 Max. Year: 2018  
N: 39 n: 1080  $\bar{N}$ : 22  $\bar{T}$ : 28

**4.75.29 Real value added in public administration, defence, education human health (oecd\_evova\_t1i)**

Real value added in public administration, defence, education human health and social work activities



Min. Year:2016 Max. Year: 2017  
N: 40



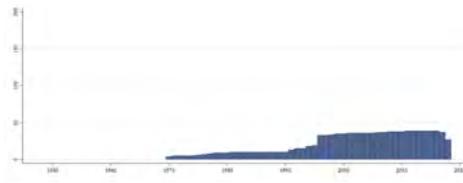
Min. Year:1970 Max. Year: 2018  
N: 40 n: 1109  $\bar{N}$ : 23  $\bar{T}$ : 28

**4.75.30 Real value added in other services activities (oecd\_evova\_t1j)**

Real value added in other services activities



Min. Year:2016 Max. Year: 2017  
N: 39



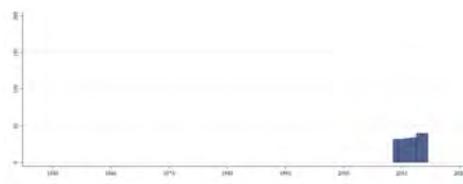
Min. Year:1970 Max. Year: 2018  
N: 39 n: 1088  $\bar{N}$ : 22  $\bar{T}$ : 28

**4.75.31 Outflows of foreign direct investment (oecd\_fdiflstk\_t1a)**

Outflows of foreign direct investment



Min. Year:2014 Max. Year: 2014  
N: 40



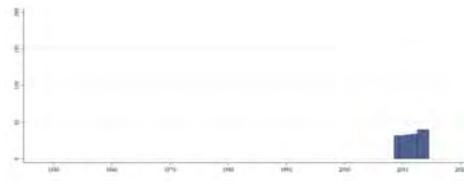
Min. Year:2009 Max. Year: 2014  
N: 40 n: 211  $\bar{N}$ : 35  $\bar{T}$ : 5

**4.75.32 Inflows of foreign direct investment (oecd\_fdiflstk\_t1b)**

Inflows of foreign direct investment



Min. Year:2014 Max. Year: 2014  
N: 40



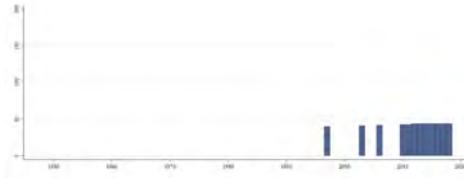
Min. Year:2009 Max. Year: 2014  
N: 40 n: 211  $\bar{N}$ : 35  $\bar{T}$ : 5

#### 4.75.33 Total FDI Index (oecd\_fdindex\_t1a)

Total FDI Index



Min. Year:2017 Max. Year: 2017  
N: 44



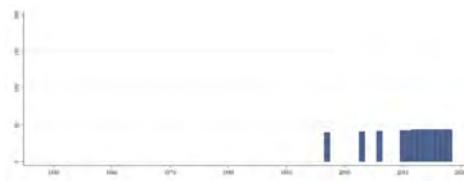
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.34 Primary sector (oecd\_fdindex\_t1b)

FDI Index: Primary sector



Min. Year:2017 Max. Year: 2017  
N: 44



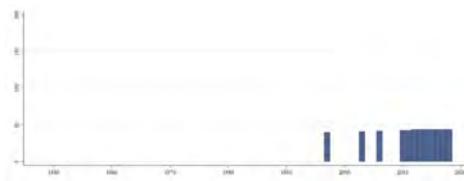
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.35 Manufacturing (oecd\_fdindex\_t1c)

FDI Index: Manufacturing



Min. Year:2017 Max. Year: 2017  
N: 44



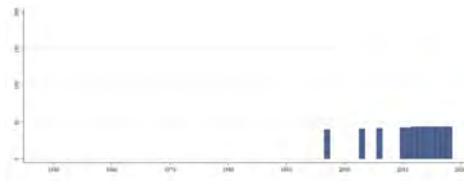
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.36 Electricity (oecd\_fdindex\_t1d)

FDI Index: Electricity



Min. Year:2017 Max. Year: 2017  
N: 44



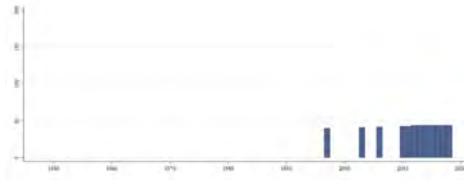
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.37 Distribution (oecd\_fdindex\_t1e)

FDI Index: Distribution



Min. Year:2017 Max. Year: 2017  
N: 44



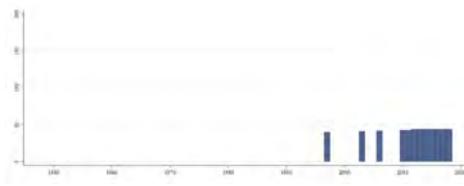
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.38 Transport (oecd\_fdindex\_t1f)

FDI Index: Transport



Min. Year:2017 Max. Year: 2017  
N: 44



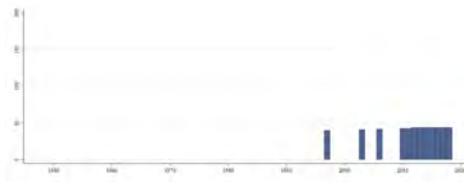
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.39 Media (oecd\_fdindex\_t1g)

FDI Index: Media



Min. Year:2017 Max. Year: 2017  
N: 44



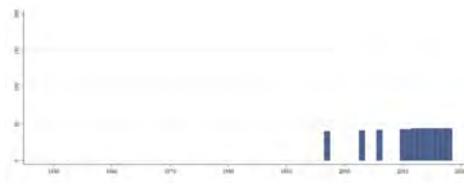
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.40 Communications (oecd\_fdindex\_t1h)

FDI Index: Communications



Min. Year:2017 Max. Year: 2017  
N: 44



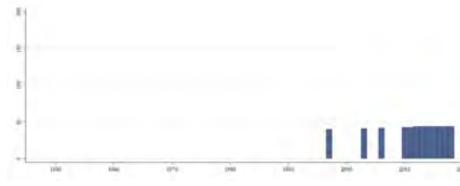
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.41 Financial services (oecd\_fdindex\_t1i)

FDI Index: Financial services



Min. Year:2017 Max. Year: 2017  
N: 44



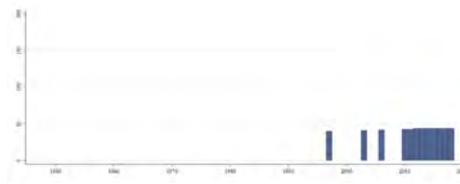
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.42 Business services (oecd\_fdindex\_t1j)

FDI Index: Business services



Min. Year:2017 Max. Year: 2017  
N: 44



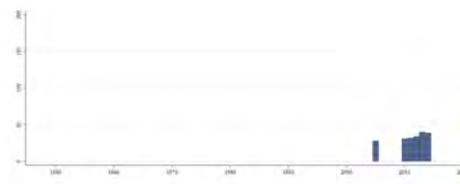
Min. Year:1997 Max. Year: 2018  
N: 44 n: 517  $\bar{N}$ : 24  $\bar{T}$ : 12

#### 4.75.43 Outward FDI stocks (oecd\_fdistock\_t1a)

Outward FDI stocks



Min. Year:2014 Max. Year: 2014  
N: 39



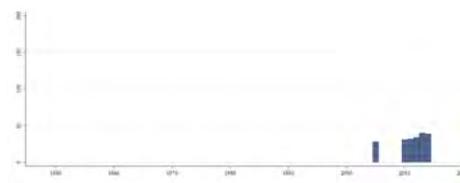
Min. Year:2005 Max. Year: 2014  
N: 40 n: 204  $\bar{N}$ : 20  $\bar{T}$ : 5

#### 4.75.44 Inward FDI stocks (oecd\_fdistock\_t1b)

Inward FDI stocks



Min. Year:2014 Max. Year: 2014  
N: 39



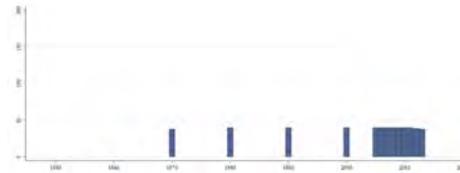
Min. Year:2005 Max. Year: 2014  
N: 40 n: 204  $\bar{N}$ : 20  $\bar{T}$ : 5

#### 4.75.45 Total fertility rates (oecd\_fertility\_t1)

Total fertility rates

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



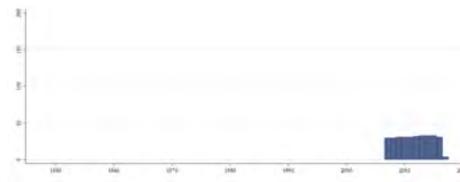
Min. Year:1970 Max. Year: 2013  
N: 41 n: 515  $\bar{N}$ : 12  $\bar{T}$ : 13

### 4.75.46 Structure of central gov. expenditures, general public serv. (oecd\_gengovdistri\_t1a)

Structure of central government expenditures, general public services



Min. Year:2015 Max. Year: 2017  
N: 33



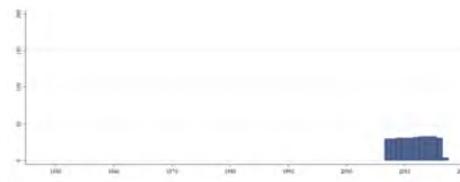
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

### 4.75.47 Structure of central gov. expenditures, defence (oecd\_gengovdistri\_t1b)

Structure of central government expenditures, defence



Min. Year:2015 Max. Year: 2017  
N: 33



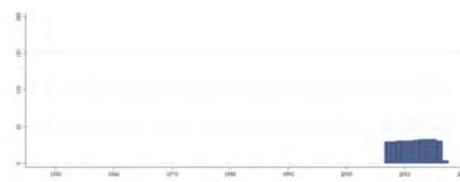
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

### 4.75.48 Structure of central gov. expenditures, public order and safety (oecd\_gengovdistri\_t1c)

Structure of central government expenditures, public order and safety



Min. Year:2015 Max. Year: 2017  
N: 33



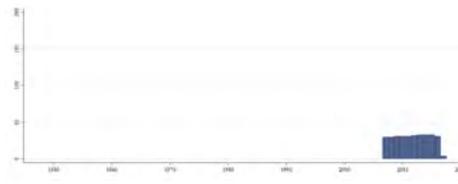
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

### 4.75.49 Structure of central gov. expenditures, economic affairs (oecd\_gengovdistri\_t1d)

Structure of central government expenditures, economic affairs



Min. Year:2015 Max. Year: 2017  
N: 33



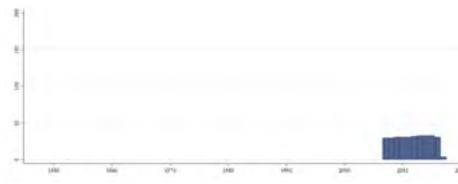
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

**4.75.50 Structure of central gov. expenditures, environmental protect. (oecd\_gengovdistri\_t1e)**

Structure of central government expenditures, environmental protection



Min. Year:2015 Max. Year: 2017  
N: 33



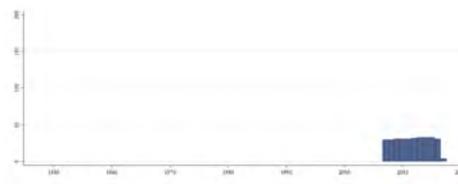
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

**4.75.51 Structure of central gov. expenditures, housing and community (oecd\_gengovdistri\_t1f)**

Structure of central government expenditures, housing and community amenities



Min. Year:2015 Max. Year: 2017  
N: 33



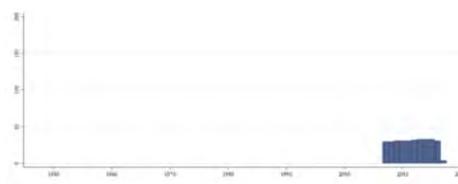
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

**4.75.52 Structure of central gov. expenditures, health (oecd\_gengovdistri\_t1g)**

Structure of central government expenditures, health



Min. Year:2015 Max. Year: 2017  
N: 33



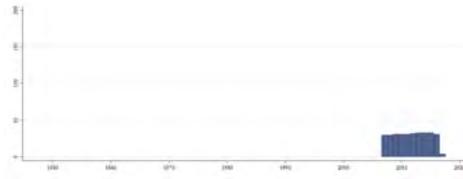
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

**4.75.53 Structure of central gov. expenditures, recreation, culture and relig. (oecd\_gengovdistri\_t1h)**

Structure of central government expenditures, recreation, culture and religion



Min. Year:2015 Max. Year: 2017  
N: 33



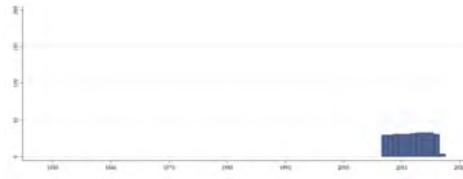
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

#### 4.75.54 Structure of central gov. expenditures, education (oecd\_gengovdistri\_t1i)

Structure of central government expenditures, education



Min. Year:2015 Max. Year: 2017  
N: 33



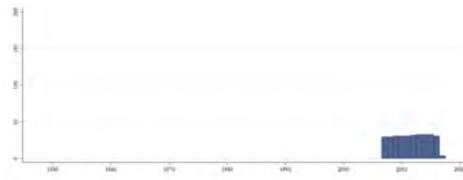
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

#### 4.75.55 Structure of central gov. expenditures, social protection (oecd\_gengovdistri\_t1j)

Structure of central government expenditures, social protection



Min. Year:2015 Max. Year: 2017  
N: 33



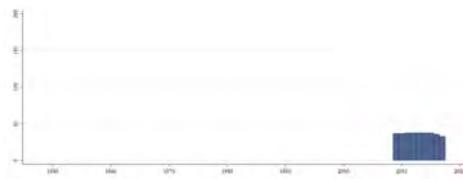
Min. Year:2007 Max. Year: 2017  
N: 33 n: 319  $\bar{N}$ : 29  $\bar{T}$ : 10

#### 4.75.56 General government revenues per capita (oecd\_gengovexpend\_t1a)

General government revenues per capita



Min. Year:2015 Max. Year: 2017  
N: 38



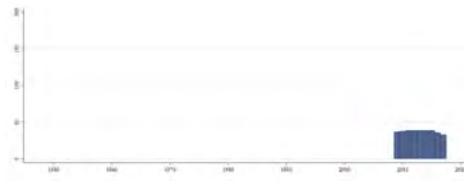
Min. Year:2009 Max. Year: 2017  
N: 38 n: 333  $\bar{N}$ : 37  $\bar{T}$ : 9

#### 4.75.57 General government expenditures per capita (oecd\_gengovexpend\_t1b)

General government expenditures per capita



Min. Year:2015 Max. Year: 2017  
N: 39



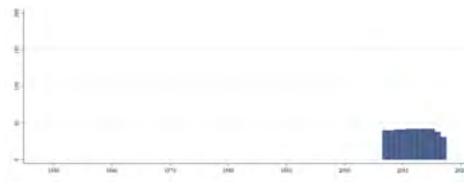
Min. Year:2009 Max. Year: 2017  
N: 39 n: 339  $\bar{N}$ : 38  $\bar{T}$ : 9

#### 4.75.58 Production costs for general gov. compensation of employees (oecd\_gen-govprod\_t1a)

Production costs for general government, compensation of employees



Min. Year:2015 Max. Year: 2017  
N: 42



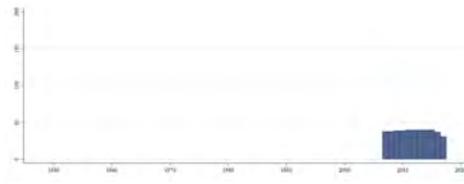
Min. Year:2007 Max. Year: 2017  
N: 42 n: 441  $\bar{N}$ : 40  $\bar{T}$ : 11

#### 4.75.59 Production costs for general gov. costs of goods and services (oecd\_gen-govprod\_t1b)

Production costs for general government, costs of goods and services used and financed by general government



Min. Year:2015 Max. Year: 2017  
N: 40



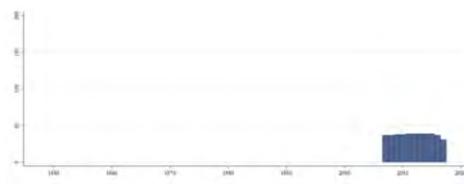
Min. Year:2007 Max. Year: 2017  
N: 40 n: 422  $\bar{N}$ : 38  $\bar{T}$ : 11

#### 4.75.60 Production costs for general gov. Other production costs (oecd\_gengovprod\_t1c)

Production costs for general government. Other production costs



Min. Year:2015 Max. Year: 2017  
N: 39



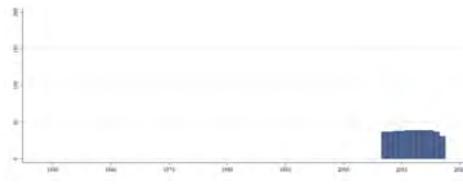
Min. Year:2007 Max. Year: 2017  
N: 39 n: 413  $\bar{N}$ : 38  $\bar{T}$ : 11

#### 4.75.61 Production costs for general gov. total (oecd\_gengovprod\_t1d)

Production costs for general government, total



Min. Year:2015 Max. Year: 2017  
N: 39



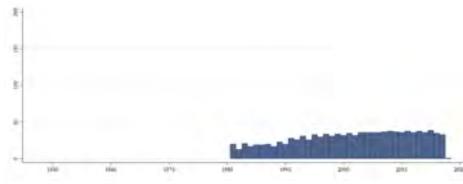
Min. Year:2007 Max. Year: 2017  
N: 39 n: 413  $\bar{N}$ : 38  $\bar{T}$ : 11

**4.75.62 Gross domestic expenditure on R&D (oecd\_gerd\_t1)**

Gross domestic expenditure on R&D



Min. Year:2015 Max. Year: 2017  
N: 39



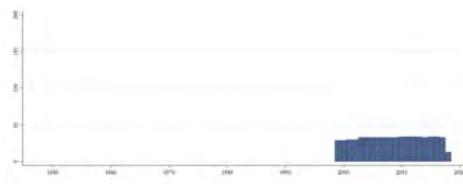
Min. Year:1981 Max. Year: 2018  
N: 40 n: 1109  $\bar{N}$ : 29  $\bar{T}$ : 28

**4.75.63 Adjusted general government debt-to-GDP (excl. unfunded pension liability) (oecd\_govdebt\_t1)**

Adjusted general government debt-to-GDP (excluding unfunded pension liabilities)



Min. Year:2016 Max. Year: 2017  
N: 34



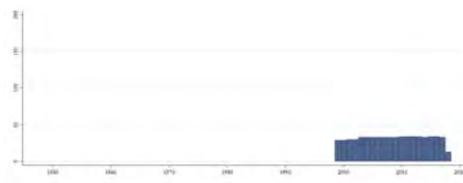
Min. Year:1999 Max. Year: 2018  
N: 35 n: 632  $\bar{N}$ : 32  $\bar{T}$ : 18

**4.75.64 Adjusted general government debt-to-GDP (incl. unfunded pension liability) (oecd\_govdebt\_t2)**

Adjusted general government debt-to-GDP (including unfunded pension liabilities)



Min. Year:2016 Max. Year: 2017  
N: 34



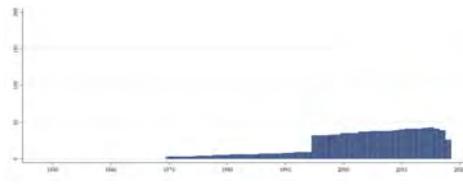
Min. Year:1999 Max. Year: 2018  
N: 35 n: 632  $\bar{N}$ : 32  $\bar{T}$ : 18

**4.75.65 General government net lending (oecd\_govdefct\_t1)**

General government net lending



Min. Year:2015 Max. Year: 2017  
N: 43



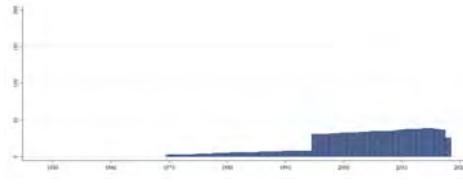
Min. Year:1970 Max. Year: 2018  
N: 43 n: 1029  $\bar{N}$ : 21  $\bar{T}$ : 24

**4.75.66 General government revenues (oecd\_govdefct\_t2)**

General government revenues



Min. Year:2015 Max. Year: 2017  
N: 39



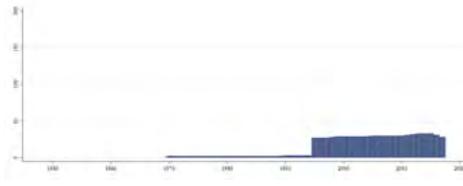
Min. Year:1970 Max. Year: 2018  
N: 39 n: 970  $\bar{N}$ : 20  $\bar{T}$ : 25

**4.75.67 General government expenditures (oecd\_govdefct\_t3)**

General government expenditures



Min. Year:2015 Max. Year: 2017  
N: 33



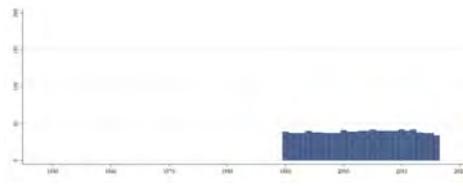
Min. Year:1970 Max. Year: 2017  
N: 33 n: 739  $\bar{N}$ : 15  $\bar{T}$ : 22

**4.75.68 Greenhouse gas emissions (oecd\_greenhouse\_t1)**

Greenhouse gas emissions



Min. Year:2015 Max. Year: 2016  
N: 37



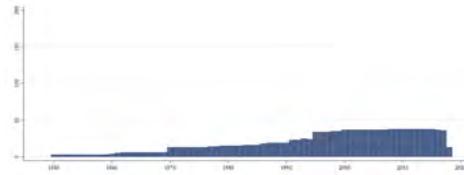
Min. Year:1990 Max. Year: 2016  
N: 45 n: 1048  $\bar{N}$ : 39  $\bar{T}$ : 23

**4.75.69 Average hours actually worked (oecd\_hourswkd\_t1)**

Average hours actually worked



Min. Year:2015 Max. Year: 2017  
N: 38



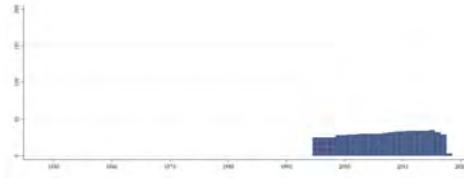
Min. Year:1950 Max. Year: 2018  
N: 39 n: 1361  $\bar{N}$ : 20  $\bar{T}$ : 35

#### 4.75.70 Households debt (oecd\_housdebt\_t1)

Households debt



Min. Year:2015 Max. Year: 2017  
N: 35



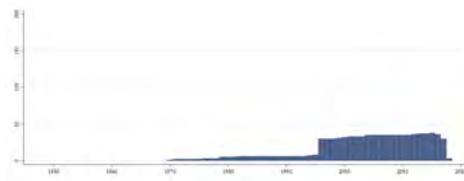
Min. Year:1995 Max. Year: 2018  
N: 35 n: 698  $\bar{N}$ : 29  $\bar{T}$ : 20

#### 4.75.71 Real household disposable income (oecd\_housinc\_t1)

Real household disposable income



Min. Year:2015 Max. Year: 2017  
N: 38



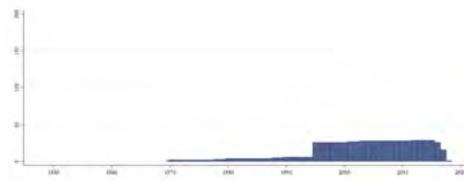
Min. Year:1970 Max. Year: 2018  
N: 38 n: 871  $\bar{N}$ : 18  $\bar{T}$ : 23

#### 4.75.72 Non-financial assets of households: dwellings (oecd\_housnonfin\_t1a)

Non-financial assets of households: dwellings



Min. Year:2015 Max. Year: 2017  
N: 29



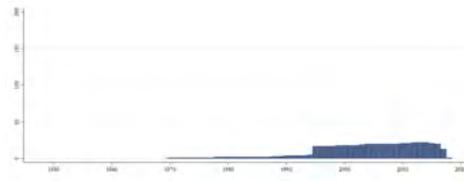
Min. Year:1970 Max. Year: 2018  
N: 29 n: 715  $\bar{N}$ : 15  $\bar{T}$ : 25

#### 4.75.73 Non-financial assets of households: lands (oecd\_housnonfin\_t1b)

Non-financial assets of households: lands



Min. Year:2014 Max. Year: 2017  
N: 22



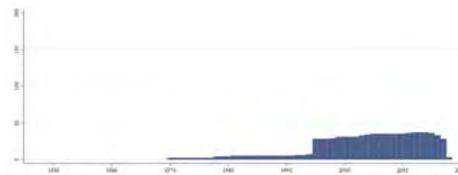
Min. Year:1970 Max. Year: 2018  
N: 22 n: 497  $\bar{N}$ : 10  $\bar{T}$ : 23

#### 4.75.74 Household net saving rates (oecd\_houssave\_t1)

Household net saving rates



Min. Year:2014 Max. Year: 2017  
N: 37



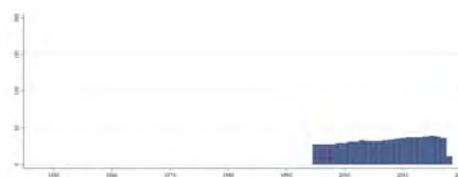
Min. Year:1970 Max. Year: 2018  
N: 37 n: 863  $\bar{N}$ : 18  $\bar{T}$ : 23

#### 4.75.75 Financial asset of households: Currency and deposits (oecd\_houswealth\_t1a)

Financial asset of households: Currency and deposits



Min. Year:2015 Max. Year: 2017  
N: 39



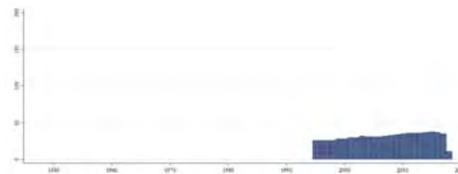
Min. Year:1995 Max. Year: 2018  
N: 39 n: 768  $\bar{N}$ : 32  $\bar{T}$ : 20

#### 4.75.76 Financial asset of households: Debt securities (oecd\_houswealth\_t1b)

Financial asset of households: Debt securities



Min. Year:2015 Max. Year: 2017  
N: 38



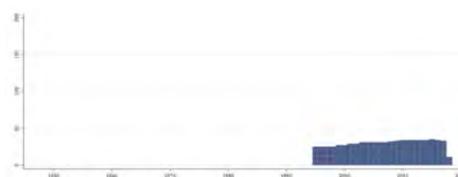
Min. Year:1995 Max. Year: 2018  
N: 38 n: 745  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.75.77 Financial asset of households: equity (oecd\_houswealth\_t1c)

Financial asset of households: equity



Min. Year:2015 Max. Year: 2017  
N: 35



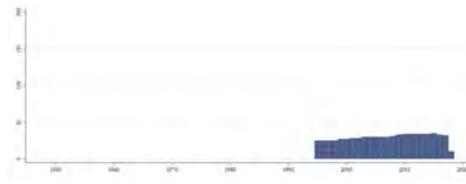
Min. Year:1995 Max. Year: 2018  
N: 35 n: 715  $\bar{N}$ : 30  $\bar{T}$ : 20

#### 4.75.78 Financial asset of households: investment funds shares (oecd\_houswealth\_t1d)

Financial asset of households: investment funds shares



Min. Year:2015 Max. Year: 2017  
N: 35



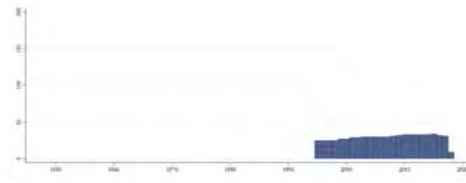
Min. Year:1995 Max. Year: 2018  
N: 35 n: 704  $\bar{N}$ : 29  $\bar{T}$ : 20

#### 4.75.79 Financial asset of households: Life insurance and annuities (oecd\_houswealth\_t1e)

Financial asset of households: Life insurance and annuities



Min. Year:2015 Max. Year: 2017  
N: 34



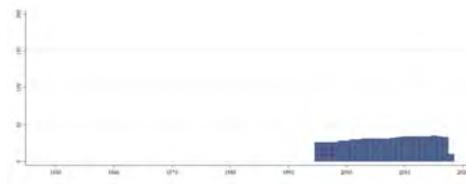
Min. Year:1995 Max. Year: 2018  
N: 34 n: 696  $\bar{N}$ : 29  $\bar{T}$ : 20

#### 4.75.80 Financial asset of households: Pension funds (oecd\_houswealth\_t1f)

Financial asset of households: Pension funds



Min. Year:2015 Max. Year: 2017  
N: 35



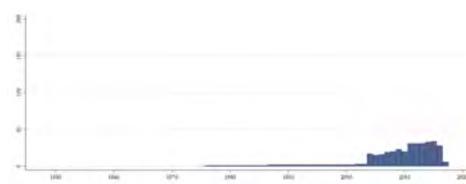
Min. Year:1995 Max. Year: 2018  
N: 35 n: 722  $\bar{N}$ : 30  $\bar{T}$ : 21

#### 4.75.81 Income inequality: Gini (at disposable income post taxes & transfers) (oecd\_incinequal\_t1a)

Income inequality: Gini (at disposable income, post taxes and transfers)



Min. Year:2014 Max. Year: 2017  
N: 38



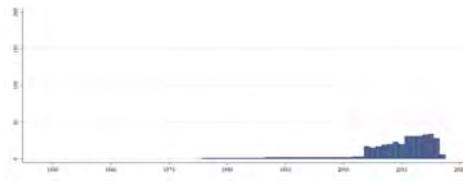
Min. Year:1976 Max. Year: 2017  
N: 42 n: 371  $\bar{N}$ : 9  $\bar{T}$ : 9

#### 4.75.82 Income inequality: S80/S20 disposable income quintile share (oecd\_incinequal\_t1d)

Income inequality: S80/S20 disposable income quintile share



Min. Year:2014 Max. Year: 2017  
N: 38



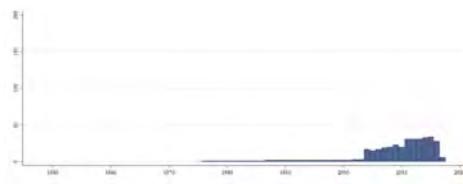
Min. Year:1976 Max. Year: 2017  
N: 42 n: 372  $\bar{N}$ : 9  $\bar{T}$ : 9

**4.75.83 Income inequality: P90/P10 disposable income decile ratio (oecd\_inequal\_t1e)**

Income inequality: P90/P10 disposable income decile ratio



Min. Year:2014 Max. Year: 2017  
N: 38



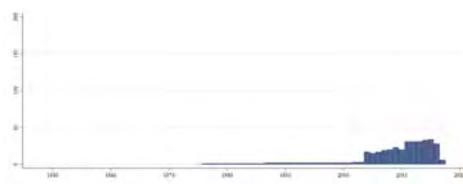
Min. Year:1976 Max. Year: 2017  
N: 42 n: 372  $\bar{N}$ : 9  $\bar{T}$ : 9

**4.75.84 Income inequality: P90/P50 disposable income decile ratio (oecd\_inequal\_t1f)**

Income inequality: P90/P50 disposable income decile ratio



Min. Year:2014 Max. Year: 2017  
N: 38



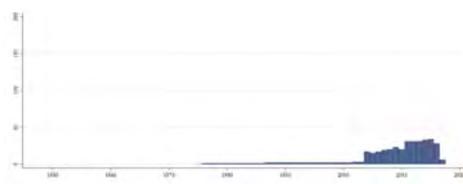
Min. Year:1976 Max. Year: 2017  
N: 42 n: 372  $\bar{N}$ : 9  $\bar{T}$ : 9

**4.75.85 Income inequality: P50/P10 disposable income decile ratio (oecd\_inequal\_t1g)**

Income inequality: P50/P10 disposable income decile ratio



Min. Year:2014 Max. Year: 2017  
N: 38



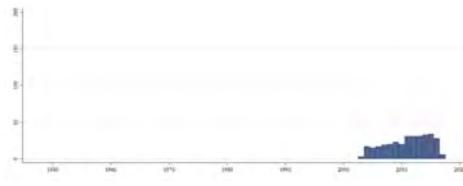
Min. Year:1976 Max. Year: 2017  
N: 42 n: 372  $\bar{N}$ : 9  $\bar{T}$ : 9

**4.75.86 Relative poverty rates: Entire population (oecd\_incompoverty\_t1a)**

Relative poverty rates: Entire population



Min. Year:2014 Max. Year: 2017  
N: 38



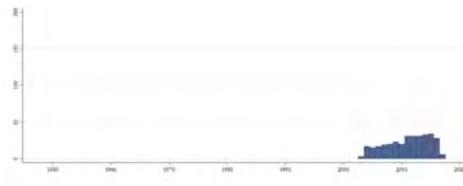
Min. Year:2003 Max. Year: 2017  
N: 42 n: 328  $\bar{N}$ : 22  $\bar{T}$ : 8

**4.75.87 Relative poverty rates: Children (age 0-17) (oecd\_incompoverty\_t1b)**

Relative poverty rates: Children (age 0-17)



Min. Year:2014 Max. Year: 2017  
N: 38



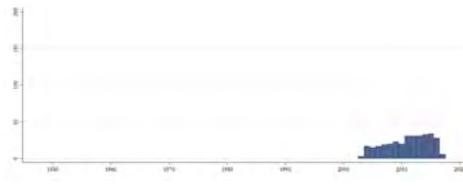
Min. Year:2003 Max. Year: 2017  
N: 42 n: 328  $\bar{N}$ : 22  $\bar{T}$ : 8

**4.75.88 Relative poverty rates: Working-age population (age 18-65) (oecd\_incompoverty\_t1c)**

Relative poverty rates: Working-age population (age 18-65)



Min. Year:2014 Max. Year: 2017  
N: 38



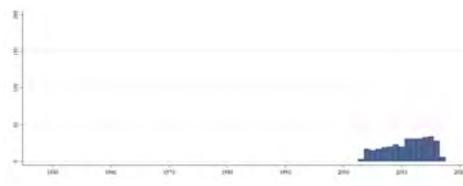
Min. Year:2003 Max. Year: 2017  
N: 42 n: 328  $\bar{N}$ : 22  $\bar{T}$ : 8

**4.75.89 Relative poverty rates: Retirement-age population (over 65) (oecd\_incompoverty\_t1d)**

Relative poverty rates: Retirement-age population (over 65)



Min. Year:2014 Max. Year: 2017  
N: 38



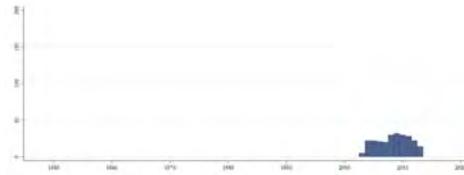
Min. Year:2003 Max. Year: 2017  
N: 42 n: 328  $\bar{N}$ : 22  $\bar{T}$ : 8

**4.75.90 Poverty gap entire population (oecd\_incompoverty\_t1e)**

Poverty gap entire population

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



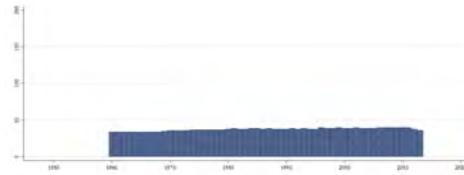
Min. Year:2003 Max. Year: 2013  
N: 35 n: 246  $\bar{N}$ : 22  $\bar{T}$ : 7

### 4.75.91 Infant mortality (oecd\_infmorty\_g1)

Infant mortality

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



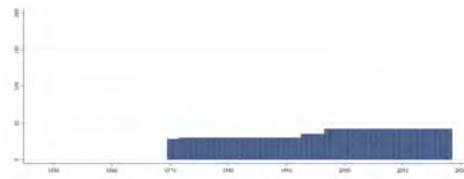
Min. Year:1960 Max. Year: 2013  
N: 42 n: 2028  $\bar{N}$ : 38  $\bar{T}$ : 48

### 4.75.92 Real effective exchange rates (oecd\_intlcomp\_t1)

Real effective exchange rates



Min. Year:2017 Max. Year: 2017  
N: 42



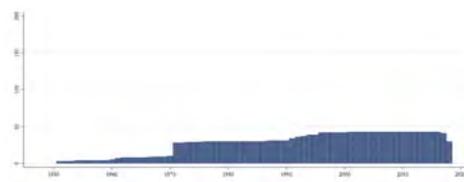
Min. Year:1970 Max. Year: 2018  
N: 43 n: 1750  $\bar{N}$ : 36  $\bar{T}$ : 41

### 4.75.93 Gross fixed capital formation (oecd\_invrates\_t1)

Gross fixed capital formation



Min. Year:2016 Max. Year: 2017  
N: 43



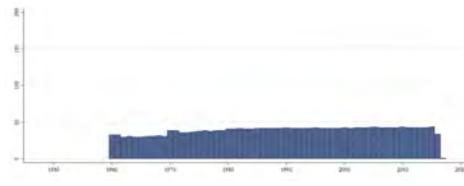
Min. Year:1951 Max. Year: 2018  
N: 45 n: 1873  $\bar{N}$ : 28  $\bar{T}$ : 42

### 4.75.94 Life expectancy at birth: total (oecd\_lifeexpy\_g1)

Life expectancy at birth: total



Min. Year:2015 Max. Year: 2017  
N: 44



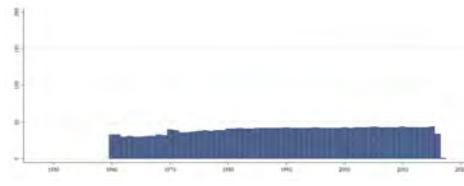
Min. Year:1960 Max. Year: 2017  
N: 46 n: 2255  $\bar{N}$ : 39  $\bar{T}$ : 49

**4.75.95 Life expectancy at birth: women (oecd\_lifeexpy\_g2a)**

Life expectancy at birth: women



Min. Year:2015 Max. Year: 2017  
N: 44



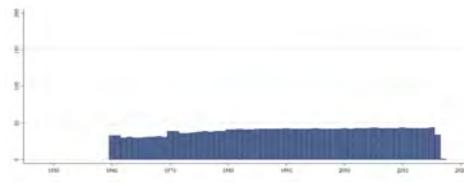
Min. Year:1960 Max. Year: 2017  
N: 46 n: 2258  $\bar{N}$ : 39  $\bar{T}$ : 49

**4.75.96 Life expectancy at birth: men (oecd\_lifeexpy\_g2b)**

Life expectancy at birth: men



Min. Year:2015 Max. Year: 2017  
N: 44



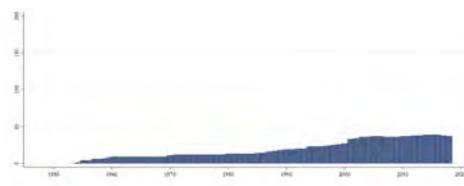
Min. Year:1960 Max. Year: 2017  
N: 46 n: 2255  $\bar{N}$ : 39  $\bar{T}$ : 49

**4.75.97 Long-term interest rates (oecd\_ltintrst\_t1)**

Long-term interest rates



Min. Year:2016 Max. Year: 2017  
N: 39



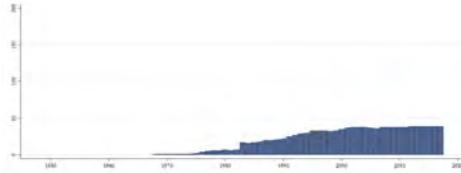
Min. Year:1954 Max. Year: 2018  
N: 41 n: 1293  $\bar{N}$ : 20  $\bar{T}$ : 32

**4.75.98 Long-term unemployment (oecd\_ltunemp\_t1)**

Long-term unemployment



Min. Year:2017 Max. Year: 2017  
N: 39



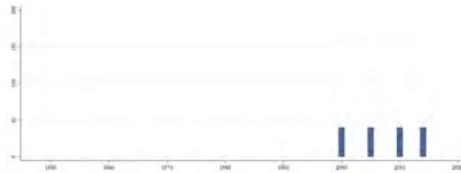
Min. Year:1968 Max. Year: 2017  
N: 40 n: 1159  $\bar{N}$ : 23  $\bar{T}$ : 29

**4.75.99 Trade balance of goods (oecd\_mertrade\_t1)**

Trade balance of goods



Min. Year:2014 Max. Year: 2014  
N: 40



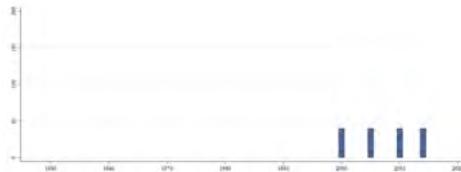
Min. Year:2000 Max. Year: 2014  
N: 40 n: 160  $\bar{N}$ : 11  $\bar{T}$ : 4

**4.75.100 Imports of goods (oecd\_mertrade\_t2)**

Imports of goods



Min. Year:2014 Max. Year: 2014  
N: 40



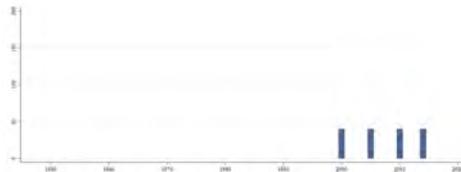
Min. Year:2000 Max. Year: 2014  
N: 40 n: 160  $\bar{N}$ : 11  $\bar{T}$ : 4

**4.75.101 Exports of goods (oecd\_mertrade\_t3)**

Exports of goods



Min. Year:2014 Max. Year: 2014  
N: 40



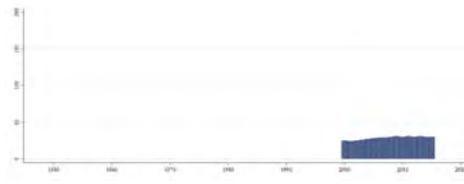
Min. Year:2000 Max. Year: 2014  
N: 40 n: 160  $\bar{N}$ : 11  $\bar{T}$ : 4

**4.75.102 Employment rates of native-born pop. by educational attainment: low (oecd\_migeduemp\_t1a)**

Employment rates of native-born population by educational attainment: low



Min. Year:2015 Max. Year: 2015  
N: 30



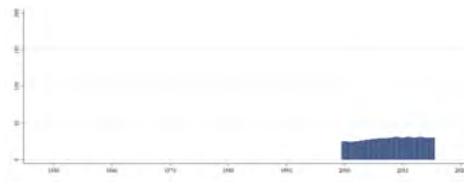
Min. Year:2000 Max. Year: 2015  
N: 35 n: 456  $\bar{N}$ : 29  $\bar{T}$ : 13

**4.75.103 Employment rates of native-born pop. by educational attainment: High (oecd\_migeduemp\_t1b)**

Employment rates of native-born population by educational attainment: High



Min. Year:2015 Max. Year: 2015  
N: 30



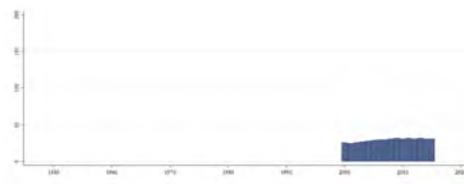
Min. Year:2000 Max. Year: 2015  
N: 35 n: 456  $\bar{N}$ : 29  $\bar{T}$ : 13

**4.75.104 Employment rates of native-born pop. by educational attainment: Total (oecd\_migeduemp\_t1c)**

Employment rates of native-born population by educational attainment: Total



Min. Year:2015 Max. Year: 2015  
N: 31



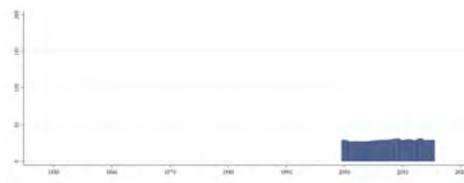
Min. Year:2000 Max. Year: 2015  
N: 36 n: 472  $\bar{N}$ : 30  $\bar{T}$ : 13

**4.75.105 Employment rates of foreign-born pop. by educational attainment: low (oecd\_migeduemp\_t1d)**

Employment rates of foreign-born population by educational attainment: low



Min. Year:2015 Max. Year: 2015  
N: 29



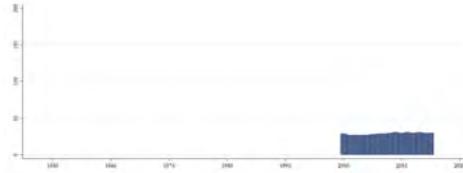
Min. Year:2000 Max. Year: 2015  
N: 35 n: 461  $\bar{N}$ : 29  $\bar{T}$ : 13

**4.75.106 Employment rates of foreign-born pop. by educational attainment: High (oecd\_migeduemp\_t1e)**

Employment rates of foreign-born population by educational attainment: High



Min. Year:2015 Max. Year: 2015  
N: 30



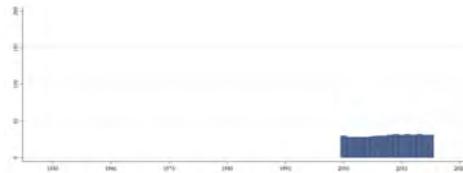
Min. Year:2000 Max. Year: 2015  
N: 35 n: 466  $\bar{N}$ : 29  $\bar{T}$ : 13

**4.75.107 Employment rates of foreign-born pop. by educational attainment: Total (oecd\_migeduemp\_t1f)**

Employment rates of foreign-born population by educational attainment: Total



Min. Year:2015 Max. Year: 2015  
N: 31



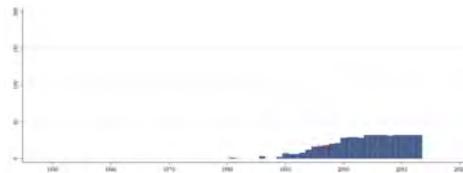
Min. Year:2000 Max. Year: 2015  
N: 36 n: 482  $\bar{N}$ : 30  $\bar{T}$ : 13

**4.75.108 Foreign-born population (oecd\_migforpop\_t1a)**

Foreign-born population

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



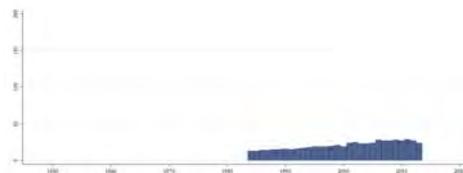
Min. Year:1981 Max. Year: 2013  
N: 34 n: 570  $\bar{N}$ : 17  $\bar{T}$ : 17

**4.75.109 Foreign population (oecd\_migforpop\_t1b)**

Foreign population

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



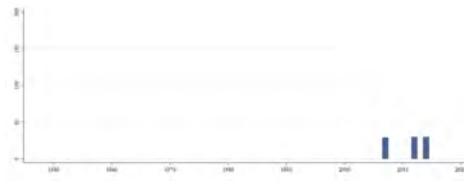
Min. Year:1984 Max. Year: 2013  
N: 30 n: 619  $\bar{N}$ : 21  $\bar{T}$ : 21

**4.75.110 Unemployment rates of native-born populations: Men (oecd\_migunemp\_t1a)**

Unemployment rates of native-born populations: Men



Min. Year:2014 Max. Year: 2014  
N: 30



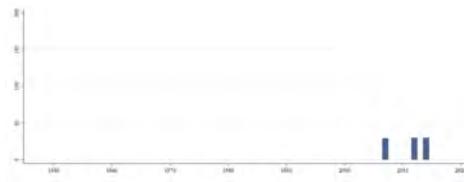
Min. Year:2007 Max. Year: 2014  
N: 31 n: 89  $\bar{N}$ : 11  $\bar{T}$ : 3

**4.75.111 Unemployment rates of foreign-born populations: Men (oecd\_migunemp\_t1b)**

Unemployment rates of foreign-born populations: Men



Min. Year:2014 Max. Year: 2014  
N: 30



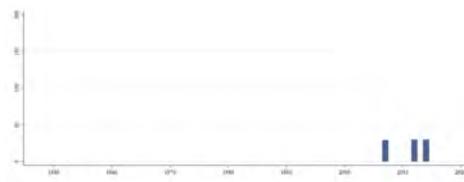
Min. Year:2007 Max. Year: 2014  
N: 31 n: 89  $\bar{N}$ : 11  $\bar{T}$ : 3

**4.75.112 Unemployment rates of native-born populations: Women (oecd\_migunemp\_t1c)**

Unemployment rates of native-born populations: Women



Min. Year:2014 Max. Year: 2014  
N: 30



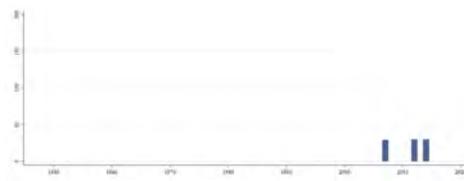
Min. Year:2007 Max. Year: 2014  
N: 31 n: 89  $\bar{N}$ : 11  $\bar{T}$ : 3

**4.75.113 Unemployment rates of foreign-born populations: Women (oecd\_migunemp\_t1d)**

Unemployment rates of foreign-born populations: Women



Min. Year:2014 Max. Year: 2014  
N: 30



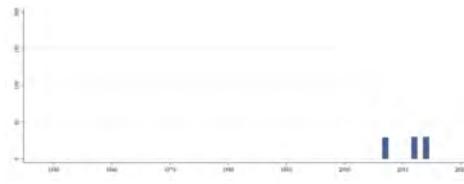
Min. Year:2007 Max. Year: 2014  
N: 31 n: 89  $\bar{N}$ : 11  $\bar{T}$ : 3

**4.75.114 Unemployment rates of native-born populations: Total (oecd\_migunemp\_t1e)**

Unemployment rates of native-born populations: Total



Min. Year:2014 Max. Year: 2014  
N: 30



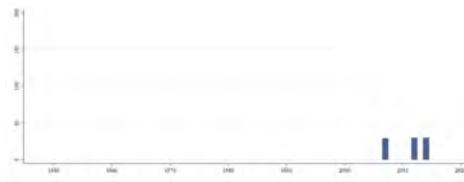
Min. Year:2007 Max. Year: 2014  
N: 31 n: 89  $\bar{N}$ : 11  $\bar{T}$ : 3

**4.75.115 Unemployment rates of foreign-born populations: Total (oecd\_migunemp\_t1f)**

Unemployment rates of foreign-born populations: Total



Min. Year:2014 Max. Year: 2014  
N: 30



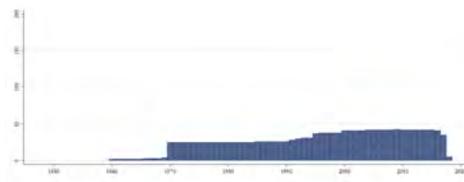
Min. Year:2007 Max. Year: 2014  
N: 31 n: 89  $\bar{N}$ : 11  $\bar{T}$ : 3

**4.75.116 Gross national income per capita (oecd\_natincap\_t1)**

Gross national income per capita



Min. Year:2015 Max. Year: 2017  
N: 42



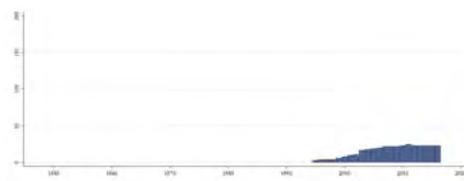
Min. Year:1960 Max. Year: 2018  
N: 45 n: 1615  $\bar{N}$ : 27  $\bar{T}$ : 36

**4.75.117 Permanent inflows by category of entry: work (oecd\_netmigr\_t1a)**

Permanent inflows by category of entry: work



Min. Year:2016 Max. Year: 2016  
N: 23



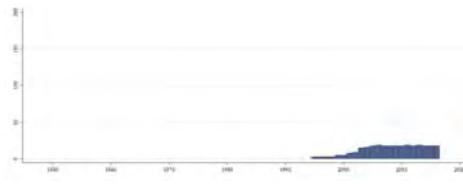
Min. Year:1995 Max. Year: 2016  
N: 25 n: 353  $\bar{N}$ : 16  $\bar{T}$ : 14

**4.75.118 Permanent inflows by category of entry: free movements (oecd\_netmigr\_t1b)**

Permanent inflows by category of entry: free movements



Min. Year:2016 Max. Year: 2016  
N: 18



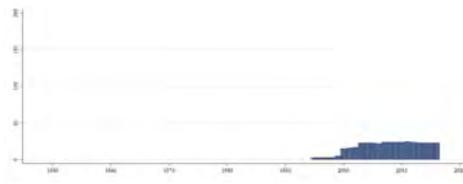
Min. Year:1995 Max. Year: 2016  
N: 23 n: 289  $\bar{N}$ : 13  $\bar{T}$ : 13

**4.75.119 Permanent inflows by category of entry: accompanying family of workers (oecd\_netmigr\_t1c)**

Permanent inflows by category of entry: accompanying family of workers



Min. Year:2016 Max. Year: 2016  
N: 23



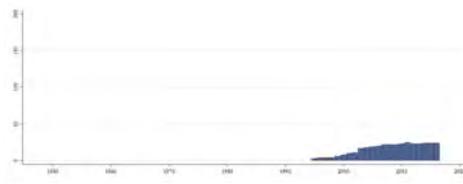
Min. Year:1995 Max. Year: 2016  
N: 25 n: 393  $\bar{N}$ : 18  $\bar{T}$ : 16

**4.75.120 Permanent inflows by category of entry: family (oecd\_netmigr\_t1d)**

Permanent inflows by category of entry: family



Min. Year:2016 Max. Year: 2016  
N: 24



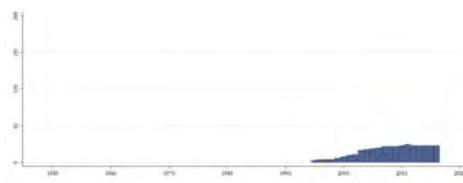
Min. Year:1995 Max. Year: 2016  
N: 26 n: 356  $\bar{N}$ : 16  $\bar{T}$ : 14

**4.75.121 Permanent inflows by category of entry: humanitarian (oecd\_netmigr\_t1e)**

Permanent inflows by category of entry: humanitarian



Min. Year:2016 Max. Year: 2016  
N: 23



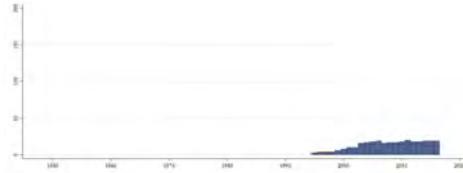
Min. Year:1995 Max. Year: 2016  
N: 25 n: 353  $\bar{N}$ : 16  $\bar{T}$ : 14

**4.75.122 Permanent inflows by category of entry: Other (oecd\_netmigr\_t1f)**

Permanent inflows by category of entry: Other



Min. Year:2016 Max. Year: 2016  
N: 19



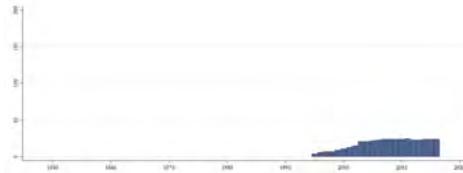
Min. Year:1995 Max. Year: 2016  
N: 25 n: 300  $\bar{N}$ : 14  $\bar{T}$ : 12

**4.75.123 Permanent inflows by category of entry: total (oecd\_netmigr\_t1g)**

Permanent inflows by category of entry: total



Min. Year:2016 Max. Year: 2016  
N: 24



Min. Year:1995 Max. Year: 2016  
N: 27 n: 398  $\bar{N}$ : 18  $\bar{T}$ : 15

**4.75.124 Nuclear electricity generation Terawatt hours (oecd\_nuclearnrj\_t1a)**

Nuclear electricity generation, terawatt hours



Min. Year:2014 Max. Year: 2014  
N: 40

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.125 Nuclear electricity generation. % of total electricity generation (oecd\_nuclearnrj\_t1b)**

Nuclear electricity generation, as a percentage of total electricity generation.



Min. Year:2014 Max. Year: 2014  
N: 40

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.126 Nuclear power plants connected to the grid (oecd\_nuclearnrj\_t1c)**

Nuclear power plants connected to the grid



Min. Year:2014 Max. Year: 2014  
N: 40

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.127 Nuclear power plants under construction (oecd\_nuclearnrj\_t1d)**

Nuclear power plants under construction



Min. Year:2014 Max. Year: 2014  
N: 40

Variable not included  
in Time-Series Data

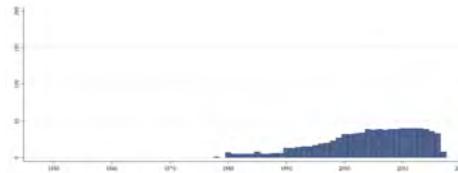
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.128 Practising nurses (oecd\_nurse\_g1)**

Practising nurses



Min. Year:2014 Max. Year: 2017  
N: 39



Min. Year:1978 Max. Year: 2017  
N: 42 n: 873  $\bar{N}$ : 22  $\bar{T}$ : 21

**4.75.129 Ratio of nurses to physicians (oecd\_nurse\_g2)**

Ratio of nurses to physicians



Min. Year:2014 Max. Year: 2014  
N: 33

Variable not included  
in Time-Series Data

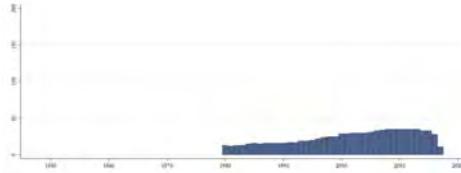
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.130 Nursing graduates (oecd\_nurse\_g3)**

Nursing graduates



Min. Year:2014 Max. Year: 2017  
N: 34



Min. Year:1980 Max. Year: 2017  
N: 35 n: 910  $\bar{N}$ : 24  $\bar{T}$ : 26

**4.75.131 Obesity rate among the adult population (oecd\_obesity\_g1)**

Obesity rate among the adult population



Min. Year:2014 Max. Year: 2014  
N: 19

Variable not included  
in Time-Series Data

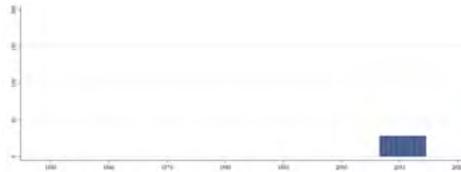
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.132 Net official development assistance, as a percentage of gross national income (oecd\_oda\_t1a)**

Net official development assistance, as a percentage of gross national income



Min. Year:2014 Max. Year: 2014  
N: 28



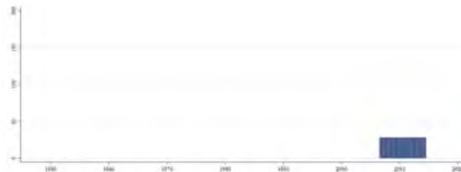
Min. Year:2007 Max. Year: 2014  
N: 28 n: 224  $\bar{N}$ : 28  $\bar{T}$ : 8

**4.75.133 Net official development assistance as a percentage of gross national income (oecd\_oda\_t1b)**

Net official development assistance as a percentage of gross national income



Min. Year:2014 Max. Year: 2014  
N: 28



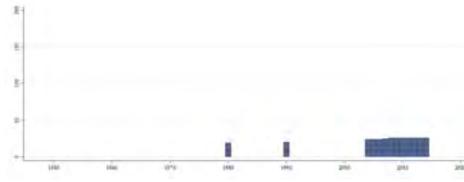
Min. Year:2007 Max. Year: 2014  
N: 28 n: 224  $\bar{N}$ : 28  $\bar{T}$ : 8

**4.75.134 Crude oil import prices (oecd\_oilprices\_t1)**

Crude oil import prices



Min. Year:2014 Max. Year: 2014  
N: 26



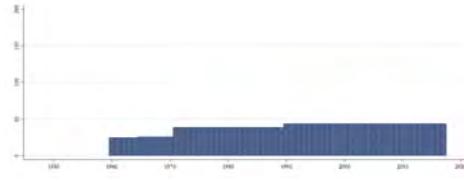
Min. Year:1980 Max. Year: 2014  
N: 27 n: 318  $\bar{N}$ : 9  $\bar{T}$ : 12

**4.75.135 Production of crude oil (oecd\_oilprod\_t1)**

Production of crude oil



Min. Year:2017 Max. Year: 2017  
N: 44



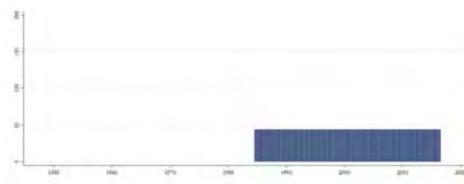
Min. Year:1960 Max. Year: 2017  
N: 46 n: 2254  $\bar{N}$ : 39  $\bar{T}$ : 49

**4.75.136 Triadic patent families (oecd\_patents\_t1)**

Triadic patent families



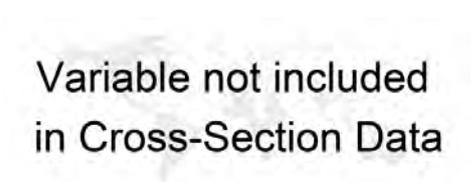
Min. Year:2016 Max. Year: 2016  
N: 44



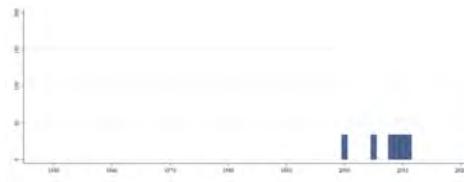
Min. Year:1985 Max. Year: 2016  
N: 45 n: 1408  $\bar{N}$ : 44  $\bar{T}$ : 31

**4.75.137 Public pension expenditure (oecd\_pension\_t1a)**

Public pension expenditure



N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:2000 Max. Year: 2011  
N: 34 n: 204  $\bar{N}$ : 17  $\bar{T}$ : 6

**4.75.138 Private pension expenditure (oecd\_pension\_t1b)**

Private pension expenditure

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year: 2008 Max. Year: 2013  
N: 36 n: 198  $\bar{N}$ : 33  $\bar{T}$ : 6

### 4.75.139 Share of national pop. in the 10% of regions with the largest population (oecd\_popgeo\_g1)

Share of national population in the ten per cent of regions with the largest population



Min. Year: 2014 Max. Year: 2014  
N: 40

## Variable not included in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.75.140 Percentage of urban population by city size: Small urban areas (oecd\_popgeo\_g2a)

Percentage of urban population by city size: Small urban areas



Min. Year: 2014 Max. Year: 2014  
N: 31

## Variable not included in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.75.141 Percentage of urban population by city size: Medium-sized urban areas (oecd\_popgeo\_g2b)

Percentage of urban population by city size: Medium-sized urban areas



Min. Year: 2014 Max. Year: 2014  
N: 31

## Variable not included in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.75.142 Percentage of urban population by city size: Metropolitan areas (oecd\_popgeo\_g2c)

Percentage of urban population by city size: Metropolitan areas



Min. Year: 2014 Max. Year: 2014  
N: 31

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.143 Distribution of the national population into urban regions (oecd\_popgeo\_g3a)**

Distribution of the national population into urban regions



Min. Year: 2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.144 Distribution of the national population into intermediate regions (oecd\_popgeo\_g3b)**

Distribution of the national population into intermediate regions



Min. Year: 2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.145 Distribution of the national population into rural regions (oecd\_popgeo\_g3c)**

Distribution of the national population into rural regions



Min. Year: 2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.146 Distribution of the national area into urban regions (oecd\_popgeo\_g4a)**

Distribution of the national area into urban regions



Min. Year:2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.147 Distribution of the national area into intermediate regions (oe cd \_ popgeo \_ g4b)**

Distribution of the national area into intermediate regions



Min. Year:2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.148 Distribution of the national area into rural regions (oe cd \_ popgeo \_ g4c)**

Distribution of the national area into rural regions



Min. Year:2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

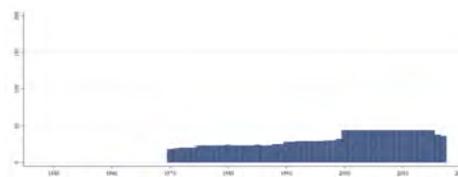
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.149 Total expenditure on health (oe cd \_ pphlthxp \_ t1c)**

Total expenditure on health



Min. Year:2015 Max. Year: 2017  
N: 44



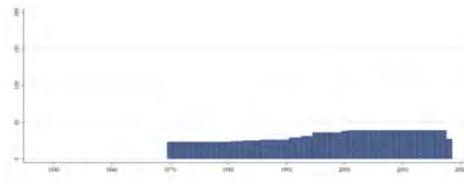
Min. Year:1970 Max. Year: 2017  
N: 45 n: 1519  $\bar{N}$ : 32  $\bar{T}$ : 34

**4.75.150 GDP per hour worked (oe cd \_ prodincom \_ g1)**

GDP per hour worked



Min. Year:2017 Max. Year: 2017  
N: 39



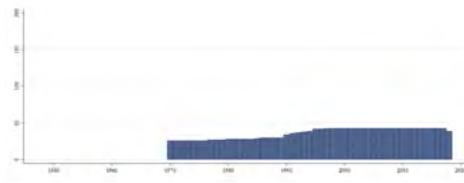
Min. Year:1970 Max. Year: 2018  
N: 40 n: 1534  $\bar{N}$ : 31  $\bar{T}$ : 38

#### 4.75.151 Levels of GDP per capita and labour productivity (% gap in USD) (oecd\_prodincom\_g2a)

Levels of GDP per capita and labour productivity - Percentage gap with respect to US GDP per capita



Min. Year:2017 Max. Year: 2017  
N: 43



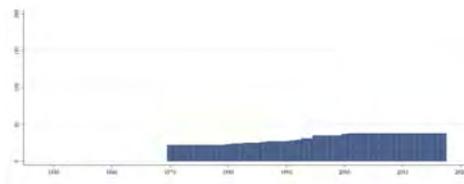
Min. Year:1970 Max. Year: 2018  
N: 44 n: 1762  $\bar{N}$ : 36  $\bar{T}$ : 40

#### 4.75.152 Levels of GDP per capita and labour productivity (Effect of labour util.) (oecd\_prodincom\_g2b)

Levels of GDP per capita and labour productivity - Effect of labour utilisation



Min. Year:2017 Max. Year: 2017  
N: 38



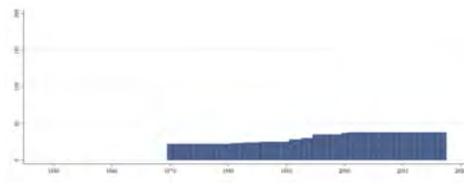
Min. Year:1970 Max. Year: 2017  
N: 39 n: 1477  $\bar{N}$ : 31  $\bar{T}$ : 38

#### 4.75.153 Levels of GDP per capita and labour productivity (GDP/hour worked) (oecd\_prodincom\_g2c)

Levels of GDP per capita and labour productivity - Percentage gap with respect to US GDP per hour worked



Min. Year:2017 Max. Year: 2017  
N: 38



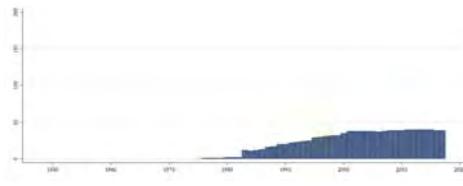
Min. Year:1970 Max. Year: 2017  
N: 39 n: 1459  $\bar{N}$ : 30  $\bar{T}$ : 37

#### 4.75.154 Incidence of part-time employment (oecd\_ptempl\_t1)

Incidence of part-time employment



Min. Year:2015 Max. Year: 2017  
N: 40



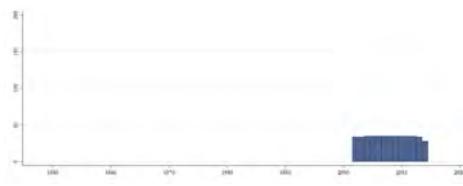
Min. Year:1976 Max. Year: 2017  
N: 41 n: 1074  $\bar{N}$ : 26  $\bar{T}$ : 26

**4.75.155 Road fatalities (oecd\_rddeath\_t1)**

Road fatalities. Deaths, Per 1 000 000 inhabitants, 1994 - 2016 Source: ITF Transport Statistics: Road accidents



Min. Year:2014 Max. Year: 2014  
N: 28



Min. Year:2002 Max. Year: 2014  
N: 35 n: 445  $\bar{N}$ : 34  $\bar{T}$ : 13

**4.75.156 Differences in annual employment growth across regions: Maximum (oecd\_regdislabour\_g1a)**

Differences in annual employment growth across regions: Maximum



Min. Year:2014 Max. Year: 2014  
N: 32

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.157 Differences in annual employment growth across regions: Minimum (oecd\_regdislabour\_g1b)**

Differences in annual employment growth across regions: Minimum



Min. Year:2014 Max. Year: 2014  
N: 32

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.158 Differences in annual employment growth across regions: Average (oecd\_regdislabour\_g1c)**

Differences in annual employment growth across regions: Average



Min. Year: 2014 Max. Year: 2014  
N: 32

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.159 Regional difference in the employment rate of women: Maximum (oecd\_regdislabour\_g3a)**

Regional difference in the employment rate of women: Maximum



Min. Year: 2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.160 Regional difference in the employment rate of women: Minimum (oecd\_regdislabour\_g3b)**

Regional difference in the employment rate of women: Minimum



Min. Year: 2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.161 Regional difference in the employment rate of women: Average (oecd\_regdislabour\_g3c)**

Regional difference in the employment rate of women: Average



Min. Year: 2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.162 Gini index of regional unemployment rates (oecd\_regdispunemp\_g1)**

Gini index of regional unemployment rates



Min. Year:2014 Max. Year: 2014  
N: 37

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.163 Regional variation of the youth unemployment rate: maximum (oecd\_regdispunemp\_g2a)**

Regional variation of the youth unemployment rate: maximum



Min. Year:2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.164 Regional variation of the youth unemployment rate: minimum (oecd\_regdispunemp\_g2b)**

Regional variation of the youth unemployment rate: minimum



Min. Year:2014 Max. Year: 2014  
N: 35

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.165 Regional variation of the long-term unemployment rate: maximum (oecd\_regdispunemp\_g3a)**

Regional variation of the long-term unemployment rate: maximum



Min. Year:2014 Max. Year: 2014  
N: 27

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.166 Regional variation of the long-term unemployment rate: minimum (oecd\_regdispunemp\_g3b)**

Regional variation of the long-term unemployment rate: minimum



Min. Year:2014 Max. Year: 2014  
N: 27

Variable not included  
in Time-Series Data

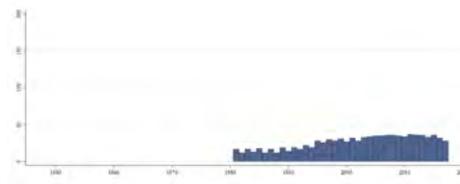
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.75.167 Researchers (oecd\_research\_t1)

Researchers. Total, Per 1 000 employed, 2000 - 2016 Source: OECD Science, Technology and R&D Statistics: Main Science and Technology Indicators.



Min. Year:2015 Max. Year: 2017  
N: 36



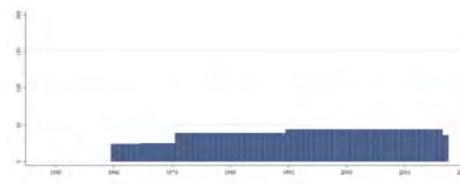
Min. Year:1981 Max. Year: 2017  
N: 40 n: 974  $\bar{N}$ : 26  $\bar{T}$ : 24

#### 4.75.168 Contribution of renewables to energy supply (oecd\_renewable\_t1)

Contribution of renewables to energy supply



Min. Year:2016 Max. Year: 2017  
N: 44



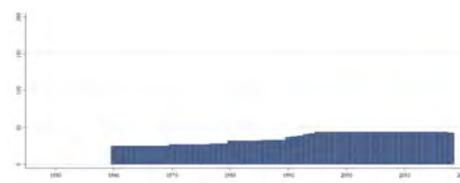
Min. Year:1960 Max. Year: 2017  
N: 46 n: 2235  $\bar{N}$ : 39  $\bar{T}$ : 49

#### 4.75.169 Purchasing power parities (oecd\_rtsconv\_t1a)

Purchasing power parities



Min. Year:2017 Max. Year: 2017  
N: 44



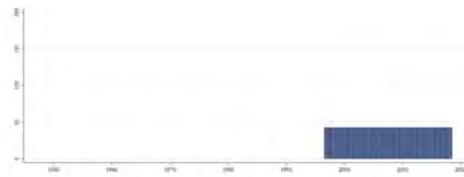
Min. Year:1960 Max. Year: 2018  
N: 46 n: 2099  $\bar{N}$ : 36  $\bar{T}$ : 46

#### 4.75.170 Indices of price levels (oecd\_rtsconv\_t1b)

Indices of price levels



Min. Year:2017 Max. Year: 2017  
N: 43



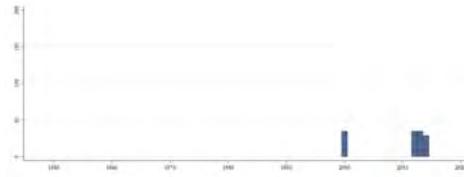
Min. Year:1997 Max. Year: 2018  
N: 43 n: 946  $\bar{N}$ : 43  $\bar{T}$ : 22

#### 4.75.171 Self-employment rates: women (oecd\_selfempl\_t1a)

Self-employment rates: women



Min. Year:2014 Max. Year: 2014  
N: 29



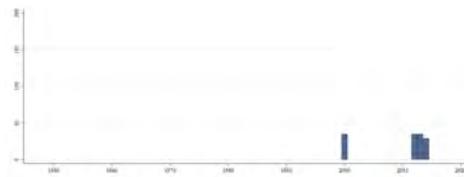
Min. Year:2000 Max. Year: 2014  
N: 36 n: 134  $\bar{N}$ : 9  $\bar{T}$ : 4

#### 4.75.172 Self-employment rates: men (oecd\_selfempl\_t1b)

Self-employment rates: men



Min. Year:2014 Max. Year: 2014  
N: 29



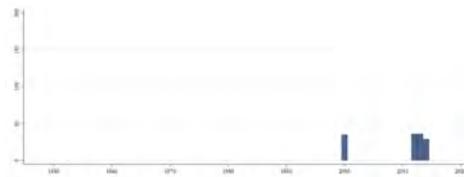
Min. Year:2000 Max. Year: 2014  
N: 36 n: 134  $\bar{N}$ : 9  $\bar{T}$ : 4

#### 4.75.173 Self-employment rates: total (oecd\_selfempl\_t1c)

Self-employment rates: total



Min. Year:2014 Max. Year: 2014  
N: 29



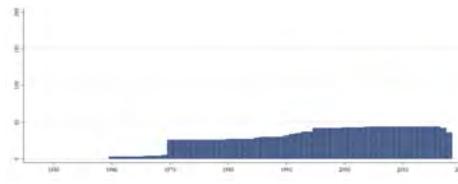
Min. Year:2000 Max. Year: 2014  
N: 36 n: 136  $\bar{N}$ : 9  $\bar{T}$ : 4

#### 4.75.174 GDP per capita (oecd\_sizegdp\_t1)

GDP per capita



Min. Year:2016 Max. Year: 2017  
N: 44



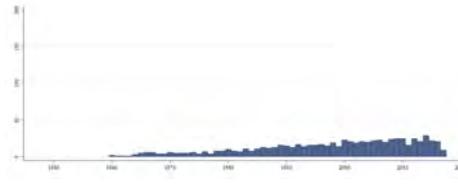
Min. Year:1960 Max. Year: 2018  
N: 46 n: 1786  $\bar{N}$ : 30  $\bar{T}$ : 39

**4.75.175 Adult population smoking daily (oecd\_smoke\_g1)**

Adult population smoking daily



Min. Year:2014 Max. Year: 2017  
N: 41



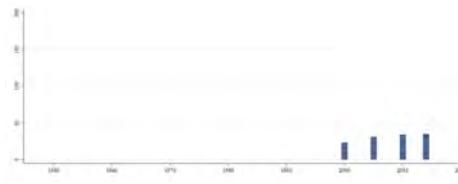
Min. Year:1960 Max. Year: 2017  
N: 46 n: 742  $\bar{N}$ : 13  $\bar{T}$ : 16

**4.75.176 Youths who are not in education or in employment (15-19) (oecd\_socexclus\_t1a)**

Youths who are not in education or in employment (15-19)



Min. Year:2014 Max. Year: 2014  
N: 35



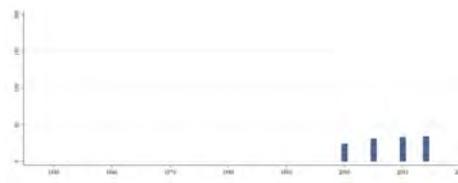
Min. Year:2000 Max. Year: 2014  
N: 35 n: 123  $\bar{N}$ : 8  $\bar{T}$ : 4

**4.75.177 Youths who are not in education or in employment (20-24) (oecd\_socexclus\_t1b)**

Youths who are not in education or in employment (20-24)



Min. Year:2014 Max. Year: 2014  
N: 34



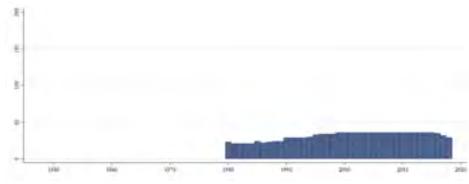
Min. Year:2000 Max. Year: 2014  
N: 34 n: 122  $\bar{N}$ : 8  $\bar{T}$ : 4

**4.75.178 Public social expenditure (oecd\_socexpnd\_t1a)**

Public social expenditure



Min. Year:2015 Max. Year: 2017  
N: 36



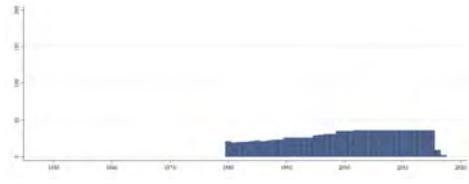
Min. Year:1980 Max. Year: 2018  
N: 37 n: 1213  $\bar{N}$ : 31  $\bar{T}$ : 33

#### 4.75.179 Private social expenditure (oecd\_socexpnd\_t1b)

Private social expenditure



Min. Year:2015 Max. Year: 2017  
N: 36



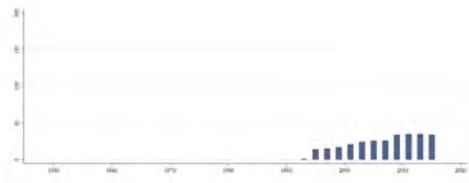
Min. Year:1980 Max. Year: 2017  
N: 37 n: 1083  $\bar{N}$ : 29  $\bar{T}$ : 29

#### 4.75.180 Net social expenditure (oecd\_socexpnd\_t1c)

Net social expenditure



Min. Year:2015 Max. Year: 2015  
N: 34



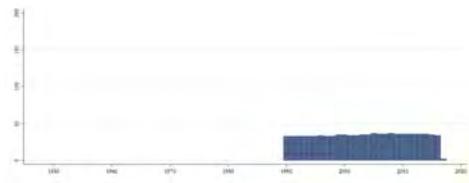
Min. Year:1993 Max. Year: 2015  
N: 35 n: 282  $\bar{N}$ : 12  $\bar{T}$ : 8

#### 4.75.181 Sulphur Oxides Emmissions (oecd\_soxnox\_t1a)

Sulphur Oxides Emmissions



Min. Year:2014 Max. Year: 2017  
N: 36



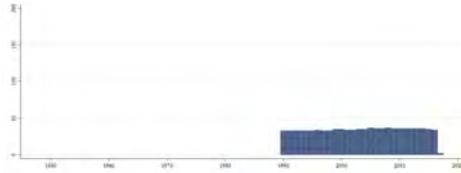
Min. Year:1990 Max. Year: 2017  
N: 38 n: 939  $\bar{N}$ : 34  $\bar{T}$ : 25

#### 4.75.182 Nitrogene Oxides Emmissions (oecd\_soxnox\_t1b)

Nitrogene Oxides Emmissions



Min. Year:2014 Max. Year: 2017  
N: 36



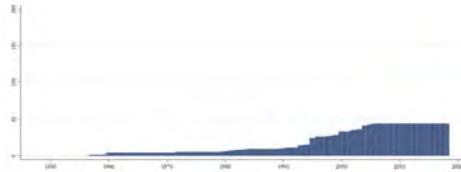
Min. Year:1990 Max. Year: 2017  
N: 38 n: 939  $\bar{N}$ : 34  $\bar{T}$ : 25

#### 4.75.183 Trade balance of services (oecd\_svctrade\_t1)

Trade balance of services



Min. Year:2017 Max. Year: 2017  
N: 44



Min. Year:1957 Max. Year: 2018  
N: 44 n: 1159  $\bar{N}$ : 19  $\bar{T}$ : 26

#### 4.75.184 Imports of services (oecd\_svctrade\_t2)

Imports of services



Min. Year:2017 Max. Year: 2017  
N: 44



Min. Year:1957 Max. Year: 2018  
N: 44 n: 1159  $\bar{N}$ : 19  $\bar{T}$ : 26

#### 4.75.185 Exports of services (oecd\_svctrade\_t3)

Exports of services



Min. Year:2017 Max. Year: 2017  
N: 44



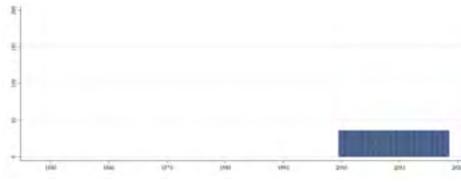
Min. Year:1957 Max. Year: 2018  
N: 44 n: 1183  $\bar{N}$ : 19  $\bar{T}$ : 27

#### 4.75.186 Taxes on the average worker (oecd\_taxapw\_t1)

Taxes on the average worker



Min. Year:2017 Max. Year: 2017  
N: 36



Min. Year:2000 Max. Year: 2018  
N: 36 n: 684  $\bar{N}$ : 36  $\bar{T}$ : 19

**4.75.187 Population aged 25-34 below upper secondary (oecd\_tertiary\_t1a)**

Population aged 25-34 below upper secondary



Min. Year:2014 Max. Year: 2014  
N: 37

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.188 Population aged 25-34 below upper secondary (oecd\_tertiary\_t1b)**

Population aged 25-34 below upper secondary



Min. Year:2014 Max. Year: 2014  
N: 37

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.189 Population aged 25-34 in upper secondary or post-secondary non-tertiary (oecd\_tertiary\_t1c)**

Population aged 25-34 in upper secondary or post-secondary non-tertiary



Min. Year:2014 Max. Year: 2014  
N: 37

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.190 Population aged 25-64 below upper secondary (oecd\_tertiary\_t1d)**

Population aged 25-64 below upper secondary



Min. Year:2014 Max. Year: 2014  
N: 37

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.191 Population aged 25-64 below upper secondary (oecd\_tertiary\_t1e)**

Population aged 25-64 below upper secondary



Min. Year:2014 Max. Year: 2014  
N: 37

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.192 Population aged 25-64 in upper secondary or post-secondary non-tertiary (oecd\_tertiary\_t1f)**

Population aged 25-64 in upper secondary or post-secondary non-tertiary



Min. Year:2014 Max. Year: 2014  
N: 37

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.75.193 Re-exported intermediates: Agriculture, hunting, forest and fish (oecd\_tiva\_inter\_t1a)**

Re-exported intermediates: Agriculture, hunting, forestry and fishing

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

**4.75.194 Re-exported intermediates: Food products, beverages and tobacco (oecd\_tiva\_inter\_t1b)**

Re-exported intermediates: Food products, beverages and tobacco

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.195 Re-exported intermediates: Textiles & prod., leather & footwear (oecd\_tiva\_inter\_t1c)

Re-exported intermediates: Textiles, textile products, leather and footwear

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.196 Re-exported intermediates: Wood, paper & products, printing (oecd\_tiva\_inter\_t1d)

Re-exported intermediates: Wood paper, paper products, printing and publishing

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.197 Re-exported intermediates: Chemicals and non-metallic mineral (oecd\_tiva\_inter\_t1e)

Re-exported intermediates: Chemicals and non-metallic mineral products

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.198 Re-exported intermediates: Basic metals and fabricated metal (oecd\_tiva\_inter\_t1f)

Re-exported intermediates: Basic metals and fabricated metal products

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.199 Re-exported intermediates: Machinery and equipment (oecd\_tiva\_inter\_t1g)

Re-exported intermediates: Machinery and equipment

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.200 Re-exported intermediates: Transport equipment (oecd\_tiva\_inter\_t1h)

Re-exported intermediates: Transport equipment

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.201 Re-exported intermediates: Transport & storage, post & telecom. (oecd\_tiva\_inter\_t1i)

Re-exported intermediates: Transport and storage, post and telecommunication

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



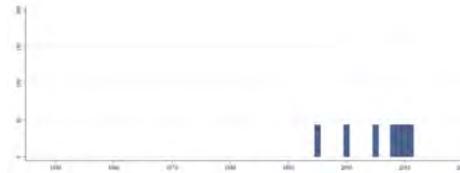
Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.202 Re-exported intermediates: Business services (oecd\_tiva\_inter\_t1j)

Re-exported intermediates: Business services

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



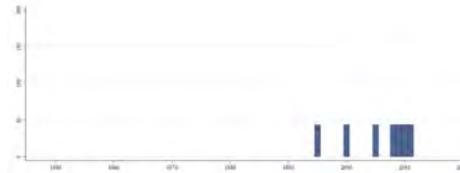
Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.203 Foreign value added as a share of gross exports (oecd\_tiva\_t1)

Foreign value added as a share of gross exports

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



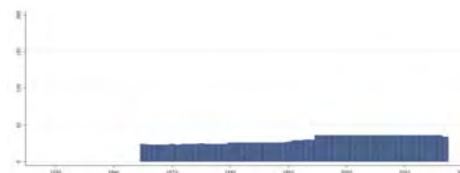
Min. Year:1995 Max. Year: 2011  
N: 44 n: 308  $\bar{N}$ : 18  $\bar{T}$ : 7

### 4.75.204 Total tax revenue (oecd\_totaltax\_t1)

Total tax revenue



Min. Year:2016 Max. Year: 2017  
N: 36



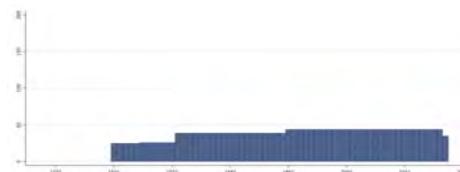
Min. Year:1965 Max. Year: 2017  
N: 37 n: 1587  $\bar{N}$ : 30  $\bar{T}$ : 43

### 4.75.205 Total primary energy supply per unit of GDP (oecd\_tpes\_t1)

Total primary energy supply per unit of GDP



Min. Year:2016 Max. Year: 2017  
N: 44



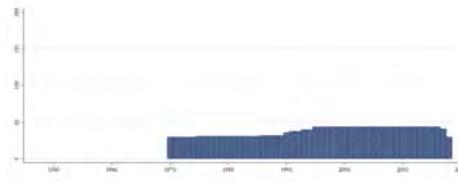
Min. Year:1960 Max. Year: 2017  
N: 46 n: 2245  $\bar{N}$ : 39  $\bar{T}$ : 49

### 4.75.206 International imports in goods and services (oecd\_tradegdp\_t1a)

International imports in goods and services



Min. Year:2016 Max. Year: 2017  
N: 44



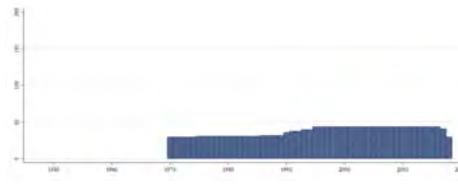
Min. Year:1970 Max. Year: 2018  
N: 45 n: 1850  $\bar{N}$ : 38  $\bar{T}$ : 41

#### 4.75.207 International exports in goods and services (oecd\_tradegdp\_t1b)

International exports in goods and services



Min. Year:2016 Max. Year: 2017  
N: 44



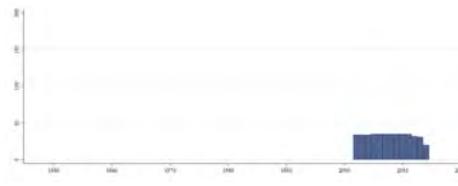
Min. Year:1970 Max. Year: 2018  
N: 45 n: 1850  $\bar{N}$ : 38  $\bar{T}$ : 41

#### 4.75.208 Inland goods transport (oecd\_transpgood\_t1)

Inland goods transport



Min. Year:2014 Max. Year: 2014  
N: 20



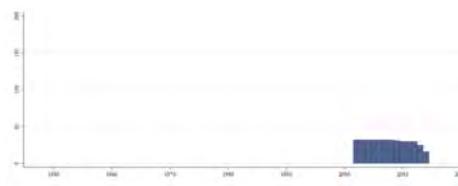
Min. Year:2002 Max. Year: 2014  
N: 35 n: 430  $\bar{N}$ : 33  $\bar{T}$ : 12

#### 4.75.209 Inland passenger transport (oecd\_transppasseng\_t1)

Inland passenger transport



Min. Year:2014 Max. Year: 2014  
N: 16



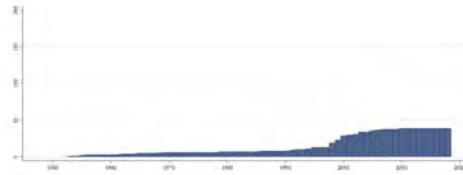
Min. Year:2002 Max. Year: 2014  
N: 32 n: 386  $\bar{N}$ : 30  $\bar{T}$ : 12

#### 4.75.210 Unemployment rates: women (oecd\_unemplrt\_t1a)

Unemployment rates: women



Min. Year:2017 Max. Year: 2017  
N: 39



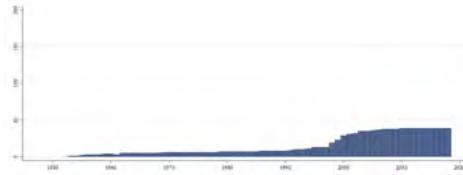
Min. Year:1953 Max. Year: 2018  
N: 40 n: 1020  $\bar{N}$ : 15  $\bar{T}$ : 26

#### 4.75.211 Unemployment rates: men (oecd\_unemplrt\_t1b)

Unemployment rates: men



Min. Year:2017 Max. Year: 2017  
N: 39



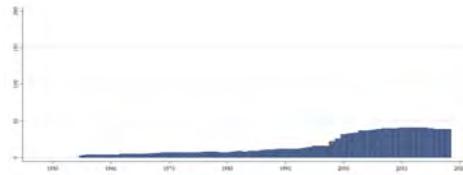
Min. Year:1953 Max. Year: 2018  
N: 40 n: 1029  $\bar{N}$ : 16  $\bar{T}$ : 26

#### 4.75.212 Unemployment rates: total (oecd\_unemplrt\_t1c)

Unemployment rates: total



Min. Year:2014 Max. Year: 2017  
N: 41



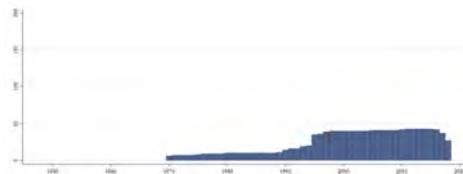
Min. Year:1955 Max. Year: 2018  
N: 42 n: 1129  $\bar{N}$ : 18  $\bar{T}$ : 27

#### 4.75.213 Value added: agriculture, hunting, fishing and forestry (oecd\_valaddac\_t1a)

Value added in agriculture, hunting, fishing and forestry



Min. Year:2015 Max. Year: 2017  
N: 43



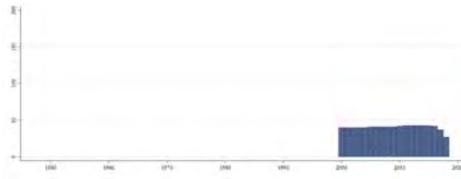
Min. Year:1970 Max. Year: 2018  
N: 43 n: 1222  $\bar{N}$ : 25  $\bar{T}$ : 28

#### 4.75.214 Value added: industry including energy (oecd\_valaddac\_t1b)

Value added in industry including energy



Min. Year:2015 Max. Year: 2017  
N: 43



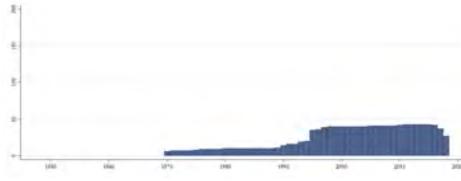
Min. Year:2000 Max. Year: 2018  
N: 43 n: 768  $\bar{N}$ : 40  $\bar{T}$ : 18

#### 4.75.215 Value added: construction (oecd\_valaddac\_t1c)

Value added in construction



Min. Year:2015 Max. Year: 2017  
N: 43



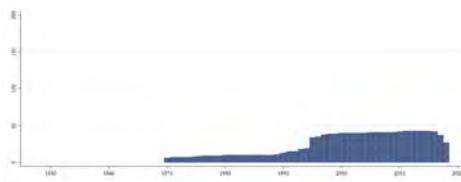
Min. Year:1970 Max. Year: 2018  
N: 43 n: 1222  $\bar{N}$ : 25  $\bar{T}$ : 28

#### 4.75.216 Value added: trade, repairs, transport, accommodation and food services (oecd\_valaddac\_t1d)

Value added in distributive trade, repairs, transport and accommodation and food services activities



Min. Year:2015 Max. Year: 2017  
N: 43



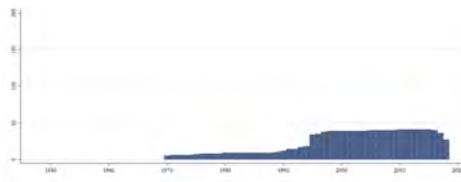
Min. Year:1970 Max. Year: 2018  
N: 43 n: 1212  $\bar{N}$ : 25  $\bar{T}$ : 28

#### 4.75.217 Value added: Information and communication (oecd\_valaddac\_t1e)

Value added in Information and communication



Min. Year:2015 Max. Year: 2017  
N: 41



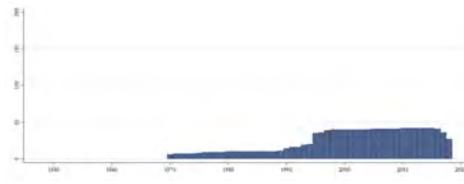
Min. Year:1970 Max. Year: 2018  
N: 41 n: 1163  $\bar{N}$ : 24  $\bar{T}$ : 28

#### 4.75.218 Value added: financial and insurance activities (oecd\_valaddac\_t1f)

Value added in financial and insurance activities



Min. Year:2015 Max. Year: 2017  
N: 42



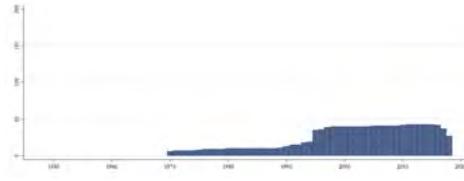
Min. Year:1970 Max. Year: 2018  
N: 42 n: 1215  $\bar{N}$ : 25  $\bar{T}$ : 29

#### 4.75.219 Value added: real estate activities (oecd\_valaddac\_t1g)

Value added in real estate activities



Min. Year:2015 Max. Year: 2017  
N: 43



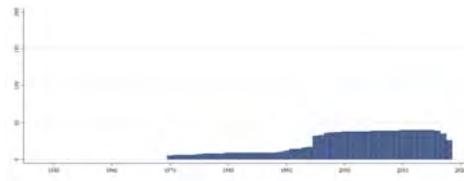
Min. Year:1970 Max. Year: 2018  
N: 43 n: 1217  $\bar{N}$ : 25  $\bar{T}$ : 28

#### 4.75.220 Value added in professional, scientific, technical, administration (oecd\_valaddac\_t1h)

Value added in professional, scientific, technical, administration and support services activities



Min. Year:2015 Max. Year: 2017  
N: 40



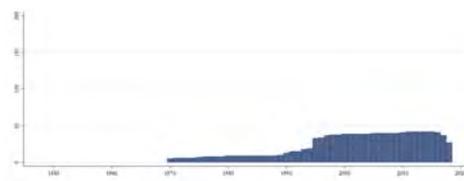
Min. Year:1970 Max. Year: 2018  
N: 40 n: 1132  $\bar{N}$ : 23  $\bar{T}$ : 28

#### 4.75.221 Value added in public administration, defence, education human health (oecd\_valaddac\_t1i)

Value added in public administration, defence, education human health and social work activities



Min. Year:2015 Max. Year: 2017  
N: 42



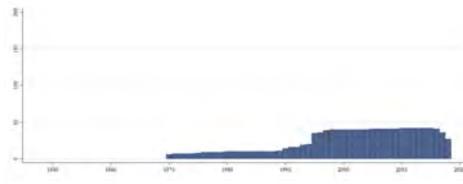
Min. Year:1970 Max. Year: 2018  
N: 42 n: 1170  $\bar{N}$ : 24  $\bar{T}$ : 28

#### 4.75.222 Value added in other services activities (oecd\_valaddac\_t1j)

Value added in other services activities



Min. Year:2015 Max. Year: 2017  
N: 42



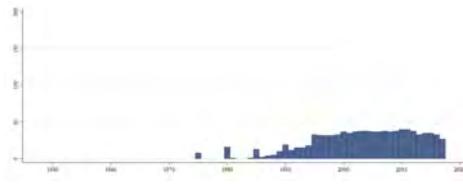
Min. Year:1970 Max. Year: 2018  
N: 42 n: 1215  $\bar{N}$ : 25  $\bar{T}$ : 29

**4.75.223 Generation intensities of municipal waste (oecd\_waste\_t1a)**

Generation intensities of municipal waste



Min. Year:2015 Max. Year: 2017  
N: 36



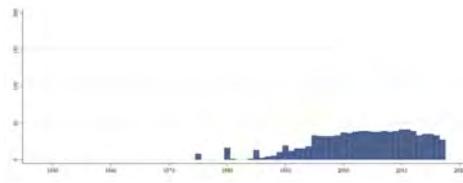
Min. Year:1975 Max. Year: 2017  
N: 41 n: 954  $\bar{N}$ : 22  $\bar{T}$ : 23

**4.75.224 Total amount generated of municipal waste (oecd\_waste\_t1b)**

Total amount generated of municipal waste



Min. Year:2015 Max. Year: 2017  
N: 36



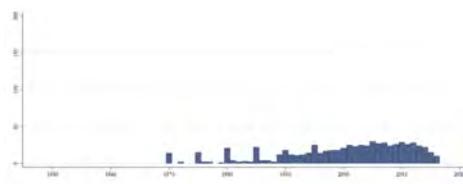
Min. Year:1975 Max. Year: 2017  
N: 42 n: 966  $\bar{N}$ : 22  $\bar{T}$ : 23

**4.75.225 Water abstractions per capita (oecd\_water\_t1a)**

Water abstractions per capita



Min. Year:2014 Max. Year: 2016  
N: 22



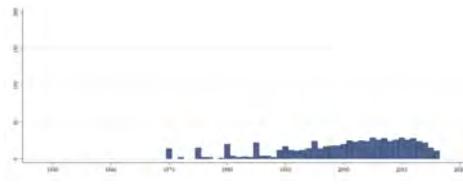
Min. Year:1970 Max. Year: 2016  
N: 40 n: 678  $\bar{N}$ : 14  $\bar{T}$ : 17

**4.75.226 Total abstractions of water (oecd\_water\_t1b)**

Total abstractions of water



Min. Year:2014 Max. Year: 2016  
N: 22



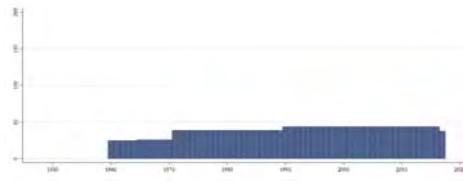
Min. Year:1970 Max. Year: 2016  
N: 40 n: 673  $\bar{N}$ : 14  $\bar{T}$ : 17

#### 4.75.227 Electricity generation (oecd\_welecggen\_t1)

Electricity generation



Min. Year:2016 Max. Year: 2017  
N: 44



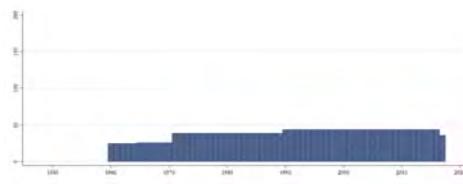
Min. Year:1960 Max. Year: 2017  
N: 46 n: 2248  $\bar{N}$ : 39  $\bar{T}$ : 49

#### 4.75.228 Total primary energy supply (oecd\_wennergys\_t1)

Total primary energy supply



Min. Year:2016 Max. Year: 2017  
N: 44



Min. Year:1960 Max. Year: 2017  
N: 46 n: 2246  $\bar{N}$ : 39  $\bar{T}$ : 49

### 4.76 The Ocean Health Index

<http://www.oceanhealthindex.org>  
(Halpern et al., 2012) (Halpern et al., 2018)  
(Data downloaded: 2020-11-18)

#### The Ocean Health Index Data

The Ocean Health Index is a valuable tool for the ongoing assessment of ocean health. By providing a means to advance comprehensive ocean policy and compare future progress, the Index can inform decisions about how to use or protect marine ecosystems. The Index is a collaborative effort, made possible through contributions from more than 65 scientists/ocean experts and partnerships between organizations including the National Center for Ecological Analysis and Synthesis, Sea Around Us, Conservation International, National Geographic, and the New England Aquarium. The Index assesses the ocean based on 10 widely-held public goals for a healthy ocean. They are: Food Provision, Artisanal Fishing Opportunities, Natural Products, Carbon Storage, Coastal Protection, Sense of Place, Coastal Livelihoods & Economies, Tourism & Recreation, Clean Waters, Biodiversity.

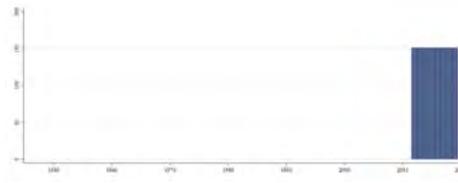
#### 4.76.1 The Ocean Health Index (ohi\_ohi)

The Ocean Health Index establishes reference points for achieving ten widely accepted socio-ecological objectives, and scores the oceans adjacent to 171 countries and territories on how successfully they

deliver these goals. Evaluated globally and by country, these ten public goals represent the wide range of benefits that a healthy ocean can provide; each country's overall score is the average of its respective goal scores. The ten socio-ecological objectives are: Food Provision, Artisanal Fishing Opportunities, Natural Products, Carbon Storage, Coastal Protection, Coastal Livelihoods & Economies, Tourism & Recreation, Sense of Place, Clean Waters, Biodiversity.



Min. Year:2017 Max. Year: 2017  
N: 151



Min. Year:2012 Max. Year: 2019  
N: 151 n: 1208  $\bar{N}$ : 151  $\bar{T}$ : 8

#### 4.77 Marshall and Gurr

<http://www.systemicpeace.org/inscrdata.html>  
(Marshall & Gurr, 2020)  
(Data downloaded: 2020-09-09)

#### Polity V Annual Time-Series, 1800-2018

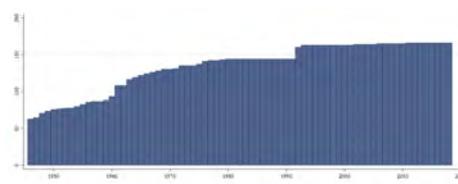
The Polity project is one of the most widely used data resource for studying regime change and the effects of regime authority. The Polity5 dataset covers all major, independent states in the global system over the period 1800-2018 (i.e., states with a total population of 500,000 or more in the most recent year (167 countries in 2018)). Please note that the codes -99, -88, -77 and -66 has been recoded to missing.

##### 4.77.1 Regime Durability (p\_durable)

Regime Durability: The number of years since the most recent regime change (defined by a three point change in the p\_polity score over a period of three years or less) or the end of a transition period defined by the lack of stable political institutions (denoted by a standardized authority score). In calculating the p\_durable value, the first year during which a new (post-change) polity is established is coded as the baseline "year zero" (value = 0) and each subsequent year adds one to the value of the p\_durable variable consecutively until a new regime change or transition period occurs.



Min. Year:2017 Max. Year: 2017  
N: 166



Min. Year:1946 Max. Year: 2018  
N: 182 n: 9802  $\bar{N}$ : 134  $\bar{T}$ : 54

##### 4.77.2 Revised Combined Polity Score (p\_polity2)

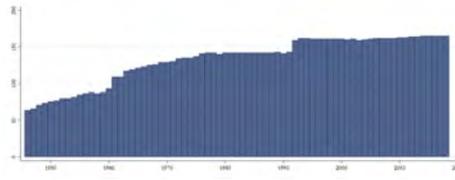
Revised Combined Polity Score: The polity score is computed by subtracting the p\_autoc score from the p\_democ score; the resulting unified polity scale ranges from +10 (strongly democratic) to -10 (strongly autocratic). The revised version of the polity variable is designed to facilitate the use of the polity regime measure in time-series analyses. It modifies the combined annual polity score by applying a simple treatment, or "fix" to convert instances of "standardized authority scores" (i.e., -66, -77, and -88) to conventional polity scores (i.e., within the range, -10 to +10). The values have been converted according to the following rule set:

- (-66) Cases of foreign “interruption” are treated as “system missing.”
- (-77) Cases of “interregnum”, or anarchy, are converted to a “neutral” Polity score of “0.”
- (-88) Cases of “transition” are prorated across the span of the transition.

For example, country X has a p\_polity score of -7 in 1957, followed by three years of -88 and, finally, a score of +5 in 1961. The change (+12) would be prorated over the intervening three years at a rate of per year, so that the converted scores would be as follow: 1957 -7; 1958 -4; 1959 -1; 1960 +2; and 1961 +5.



Min. Year:2017 Max. Year: 2017  
N: 165



Min. Year:1946 Max. Year: 2018  
N: 182 n: 9723  $\bar{N}$ : 133  $\bar{T}$ : 53

#### 4.78 Norris and Groemping

<https://dataverse.harvard.edu/dataverse/PEI>  
(Norris & Groemping, 2019)  
(Data downloaded: 2020-11-11)

#### Electoral Integrity Project (Version 7.0)

This dataset by the Electoral Integrity Project evaluates the quality of elections held around the world. Based on a rolling survey collecting the views of election experts, this research provides independent and reliable evidence to compare whether countries meet international standards of electoral integrity. PEI-7.0 cumulative release covers 336 national parliamentary and presidential contests held worldwide in 166 countries from 1 July 2012 to 31 December 2018.

##### 4.78.1 Electoral Integrity Rating (pei\_eir)

Overall how would you rate the integrity of this election on a scale from 1 (very poor) to 10 (very good)?



Min. Year:2014 Max. Year: 2018  
N: 166

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

##### 4.78.2 Electoral Integrity Rating, Higher C.I. (pei\_eirhci)

The higher bound of the 95% confidence interval for either the election or the country level.



Min. Year: 2014 Max. Year: 2018  
N: 166

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.78.3 Electoral Integrity Rating, Lower C.I. (pei\_eirlci)

The lower bound of the 95% confidence interval for either the election or the country level.



Min. Year: 2014 Max. Year: 2018  
N: 166

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.78.4 Elected Office (pei\_off)

What government body was this election for?

- 0. Legislative
- 1. Presidential
- 2. Both



Min. Year: 2014 Max. Year: 2018  
N: 166

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.78.5 Perception of Electoral Integrity Index (pei\_peii)

The PEI index is designed to provide an overall summary evaluation of expert perceptions that an election meets international standards and global norms. It is generated at the individual level using experts' answers to the 49 substantive variables below. Therefore, an Index score is missing if an expert does not answer a question. The 49 scores are summed and then standardized to a 100 point scale.



Min. Year: 2014 Max. Year: 2018  
N: 139

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.78.6 Perception of Electoral Integrity Index, Higher C.I. (pei\_peiihci)

The higher bound of the 95% confidence interval for either the election or the country level.



Min. Year: 2014 Max. Year: 2018  
N: 104

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.78.7 Perception of Electoral Integrity Index, Lower C.I. (pei\_peilci)

The lower bound of the 95% confidence interval for either the election or the country level.



Min. Year: 2014 Max. Year: 2018  
N: 104

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.78.8 Perception of Electoral Integrity Index Type (pei\_peit)

Classification of the PEI Index on five categories.

1. Very Low
2. Low
3. Moderate
4. High
5. Very High



Min. Year: 2014 Max. Year: 2018  
N: 166

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.79 Ouattara and Standaert

<https://users.ugent.be/~sastanda/Data.html>

(Ouattara & Standaert, 2020)

(Data downloaded: 2020-07-01)

#### The Property Rights Protection index

Over the last two decades, numerous studies have tried to quantify the effect of property rights on a wide range of societal outcomes, including growth, trade, and, to a lesser extent, inequality. However, a major limitation of these studies has been the data measuring property rights. These suffer from a number of shortcomings, including a lack of availability, focus, and objectivity.

Ouattara and Standaert address this gap by composing a new index of property rights that strictly focuses on the protection of these rights. As is common with indicators of governance, there is little to

no objective data available that can be used to directly compare the security of property rights across countries. Instead, perception-based indicators such as survey-data or expert assessments are used to capture the opinion of a range of actors. The researchers approach is to combine a data set of 18 such indicators from 7 different sources. The selection of an indicator depending on whether it directly measured 'the degree to which a country's laws protect private property rights and the degree to which its government enforces those laws, including the probability that private property is expropriated'. By focusing on property rights alone, this allows the researchers to disentangle its effect from that of the overall quality of the judicial system and other aspects of the institutional framework. This ensures a better match between theoretical models and empirical tests on the effects of property rights.

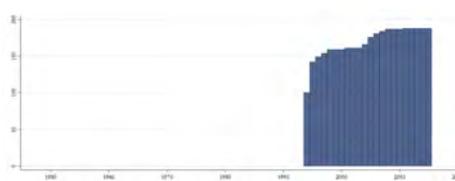
This is done for as wide a group of countries and as long a time span as possible, increasing the index coverage by as much as 45% compared to other indexes - this index covers 191 countries cross twenty-year period between 1994 - 2014.

#### 4.79.1 The Property Right Protection Index (prp\_prp)

The Property Rights Index measures (the perception of) the security of property rights, separately from other aspects of the rule of law. It combines all publicly available information on the perception of the security of property rights (18 singular indicators of property rights).



Min. Year:2015 Max. Year: 2015  
N: 188



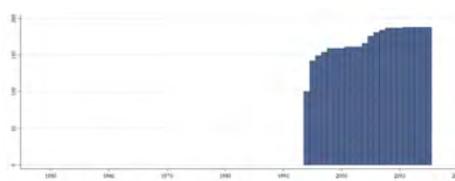
Min. Year:1994 Max. Year: 2015  
N: 189 n: 3713  $\bar{N}$ : 169  $\bar{T}$ : 20

#### 4.79.2 Estimated variance of the PRP point estimate (prp\_std)

Estimated variance of the Property Rights Protection estimate.



Min. Year:2015 Max. Year: 2015  
N: 188



Min. Year:1994 Max. Year: 2015  
N: 189 n: 3713  $\bar{N}$ : 169  $\bar{T}$ : 20

### 4.80 Vincenzo Emanuele

<http://www.vincenzoemanuele.com/dataset-of-party-system-innovation.html>

(Emanuele, 2016)

(Data downloaded: 2020-09-01)

#### New Parties and Party System Innovation in Western Europe

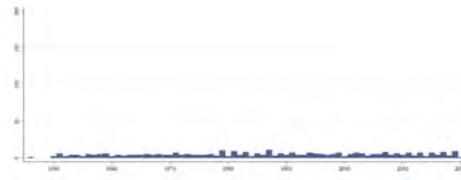
This dataset identifies and lists all the new parties emerged in Western Europe since 1945 and provides data about party system innovation, defined as the aggregate level of 'newness' recorded in a party system at a given election. Data are based on parliamentary elections (lower house) of 20 Western European countries since 1945. This dataset covers the entire universe of Western European elections held after World War II under democratic regimes. Data for Greece, Portugal and Spain have been collected after their democratizations in the 1970s.

#### 4.80.1 Cummulative Party System Innovation (psi\_cps1)

Cumulative Party System Innovation: sum of the vote share received by non-founder parties in each election. A party is considered as a founder if it has received at least 1% of the national vote share in at least one of the first two post-WWII elections (or, in the case of Greece, Portugal and Spain, the first two democratic elections). Otherwise, the party is counted as a non-founder. The rationale behind this choice is that we look at the first two post-WWII or post-authoritarian elections and make a dichotomous distinction between relevant parties that formed the system (those who received more than 1% of the votes) and parties that emerged later or were only marginal actors (those below 1%) at that time.



Min. Year:2016 Max. Year: 2019  
N: 20



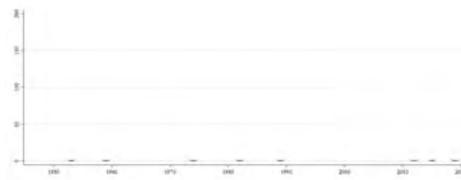
Min. Year:1946 Max. Year: 2020  
N: 22 n: 344  $\bar{N}$ : 5  $\bar{T}$ : 16

#### 4.80.2 Cummulative Party System Innovation of a second election in a year (psi\_cps2)

Cumulative Party System Innovation: sum of the vote share received by non-founder parties in each election. A party is considered as a founder if it has received at least 1% of the national vote share in at least one of the first two post-WWII elections (or, in the case of Greece, Portugal and Spain, the first two democratic elections). Otherwise, the party is counted as a non-founder. The rationale behind this choice is that we look at the first two post-WWII or post-authoritarian elections and make a dichotomous distinction between relevant parties that formed the system (those who received more than 1% of the votes) and parties that emerged later or were only marginal actors (those below 1%) at that time. This variable (psi\_cps2) refers to a second election held on the same year as an election reported on psi\_cps1.



Min. Year:2015 Max. Year: 2019  
N: 2



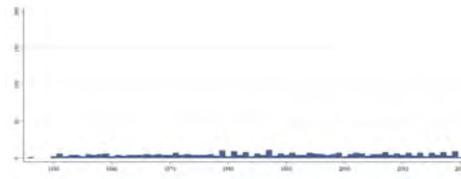
Min. Year:1953 Max. Year: 2019  
N: 6 n: 8  $\bar{N}$ : 0  $\bar{T}$ : 1

#### 4.80.3 Exact date of the election (psi\_edate1)

Exact date of the election



Min. Year:2016 Max. Year: 2019  
N: 20



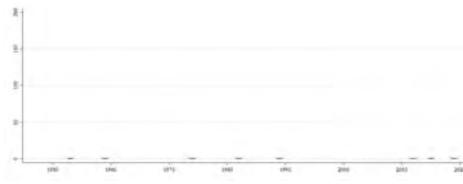
Min. Year:1946 Max. Year: 2020  
N: 22 n: 344  $\bar{N}$ : 5  $\bar{T}$ : 16

#### 4.80.4 Exact date of the second election in a year (psi\_edate2)

Exact date of a second election in a same year



Min. Year:2015 Max. Year: 2019  
N: 2



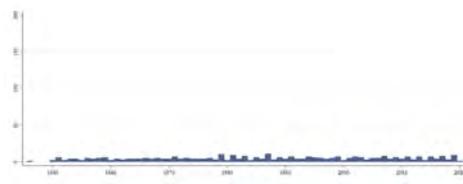
Min. Year:1953 Max. Year: 2019  
N: 6 n: 8  $\bar{N}$ : 0  $\bar{T}$ : 1

#### 4.80.5 Party System Innovation (overall vote share of new parties in given election) (psi\_psi1)

Party System Innovation: overall vote share of new parties in a given election. It is calculated at time  $t$  with respect to time  $t-1$  (namely, PSInn is calculated with respect to the status quo established at the previous election) and therefore each observation in each country is completely independent from the previous ones. In order to exclude marginal parties, the author has set a threshold at 1% of the national share for a given party to be considered as part of the party system in a given election and has collected data starting from the third post-World War II or democratic election of each country, for a total of 209 new parties (see the complete list of new parties below) in 327 elections. The underlying assumption is that the party system innovation they are interested in is that occurring after the initial institutionalization of the party system. According to PSInn, a party is considered 'new' only in the first election when it enters the party system by receiving at least 1% of the national share. Then, in the subsequent elections, it becomes 'old'.



Min. Year:2016 Max. Year: 2019  
N: 20



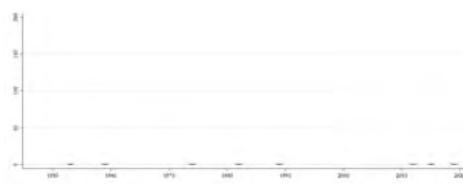
Min. Year:1946 Max. Year: 2020  
N: 22 n: 344  $\bar{N}$ : 5  $\bar{T}$ : 16

#### 4.80.6 Party System Innovation of a second election in a year (psi\_psi2)

Party System Innovation: overall vote share of new parties in a given election. It is calculated at time  $t$  with respect to time  $t-1$  (namely, PSInn is calculated with respect to the status quo established at the previous election) and therefore each observation in each country is completely independent from the previous ones. In order to exclude marginal parties, the author has set a threshold at 1% of the national share for a given party to be considered as part of the party system in a given election and has collected data starting from the third post-World War II or democratic election of each country, for a total of 209 new parties (see the complete list of new parties below) in 327 elections. The underlying assumption is that the party system innovation they are interested in is that occurring after the initial institutionalization of the party system. According to PSInn, a party is considered 'new' only in the first election when it enters the party system by receiving at least 1% of the national share. Then, in the subsequent elections, it becomes 'old'. This variable (psi\_psi2) refers to a second election held on the same year as an election reported on psi\_psi1.



Min. Year:2015 Max. Year: 2019  
N: 2



Min. Year:1953 Max. Year: 2019  
N: 6 n: 8  $\bar{N}$ : 0  $\bar{T}$ : 1

## 4.81 Persson and Tabellini

<http://didattica.unibocconi.eu/myigier/index.php?IdUte=48805&idr=4273&lingua=eng&comando=Apri>

(Persson & Tabellini, 2003)

(Data downloaded: 2020-09-21)

### The Economic Effects of Constitutions

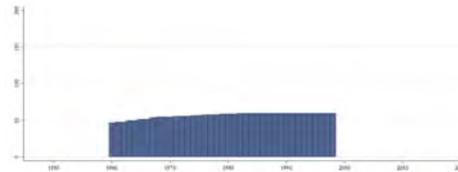
Persson and Tabellini only include countries of democratic rule in their sample. To be included in the cross-section, an average of the Freedom House indices for civil liberties and political rights (fh\_cl and fh\_pr) lower than an average of 5 for the 1990-1998 period is required. For the 1960- 1998 panel data, Persson and Tabellini include country-years that obtain a score greater than zero on the Polity democracy indicator (p\_polity2) (For details, see Persson and Tabellini 2003, 74- 77).

#### 4.81.1 Federal Political Structure (pt\_federal)

Dummy variable:

1. If the country has a federal political structure
0. Otherwise

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 1998  
N: 64 n: 2219  $\bar{N}$ : 57  $\bar{T}$ : 35

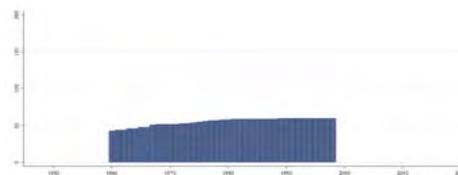
#### 4.81.2 Majoritarian Electoral Systems (pt\_maj)

Dummy variable:

1. The lower house is selected under plurality rule
0. Otherwise.

Only legislative elections (lower house) are considered.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1960 Max. Year: 1998  
N: 64 n: 2151  $\bar{N}$ : 55  $\bar{T}$ : 34

#### 4.81.3 Forms of Government (pt\_pres)

Dummy variable:

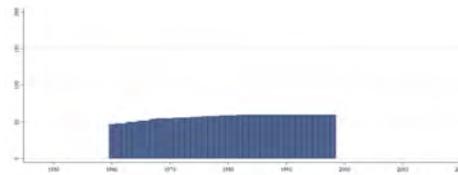
1. For presidential regimes
0. Otherwise.

Only regimes in which the confidence of the assembly is not necessary for the executive to stay in power (even if an elected president is not the chief executive, or if there is no elected president)

are included among presidential regimes. Most semi-presidential and premier-presidential systems are classified as parliamentary.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1960 Max. Year: 1998  
N: 64 n: 2219  $\bar{N}$ : 57  $\bar{T}$ : 35

## 4.82 Feenstra, Inklaar and Timmer

<http://www.rug.nl/ggdc/productivity/pwt/>  
(Feenstra et al., 2015)  
(Data downloaded: 2021-01-21)

### Penn World Table

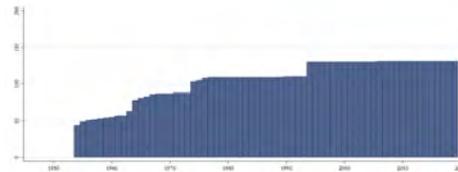
PWT version 10.0 is a database with information on relative levels of income, output, input and productivity, covering 183 countries between 1950 and 2019.

#### 4.82.1 Capital services at constant 2017 national prices (2017=1) (pwt\_cs)

Capital services at constant 2017 national prices (2017= 1).



Min. Year:2017 Max. Year: 2017  
N: 131



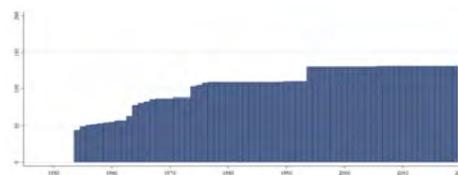
Min. Year:1954 Max. Year: 2019  
N: 136 n: 6955  $\bar{N}$ : 105  $\bar{T}$ : 51

#### 4.82.2 Capital services levels at current PPPs (USA=1) (pwt\_csppp)

Capital services levels at current PPPs (USA = 1).



Min. Year:2017 Max. Year: 2017  
N: 131



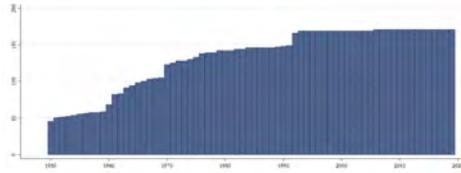
Min. Year:1954 Max. Year: 2019  
N: 136 n: 6955  $\bar{N}$ : 105  $\bar{T}$ : 51

#### 4.82.3 Share of government consumption at current PPPs (pwt\_gc)

Share of government consumption at current PPPs.



Min. Year:2017 Max. Year: 2017  
N: 171



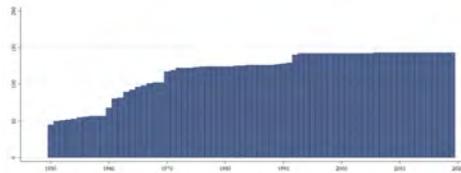
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.4 Human capital index, see note hc (pwt\_hci)

Human capital index, based on years of schooling (Barro & Lee, 2010) and assumed returns, based on Mincer equation estimates around the world.



Min. Year:2017 Max. Year: 2017  
N: 143



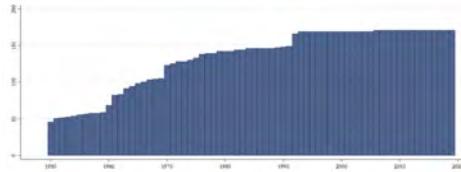
Min. Year:1950 Max. Year: 2019  
N: 152 n: 8165  $\bar{N}$ : 117  $\bar{T}$ : 54

#### 4.82.5 Share of merchandise exports at current PPPs (pwt\_me)

Share of merchandise exports at current PPPs.



Min. Year:2017 Max. Year: 2017  
N: 171



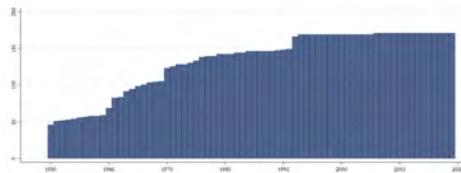
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.6 Share of merchandise imports at current PPPs (pwt\_mi)

Share of merchandise imports at current PPPs.



Min. Year:2017 Max. Year: 2017  
N: 171



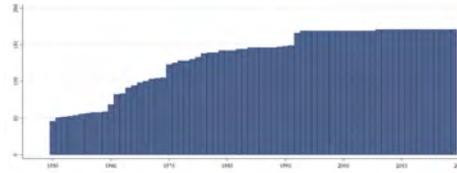
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.7 Price level of capital formation, price level of USA GDPo in 2017=1 (pwt\_plcf)

Price level of capital formation, price level of USA GDP (output side) in 2017=1



Min. Year:2017 Max. Year: 2017  
N: 171



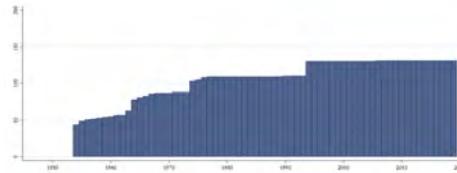
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.8 Price level of the capital services, price level of USA=1 (pwt\_plcs)

Price level of the capital stock, price level of USA 2017 = 1.



Min. Year:2017 Max. Year: 2017  
N: 131



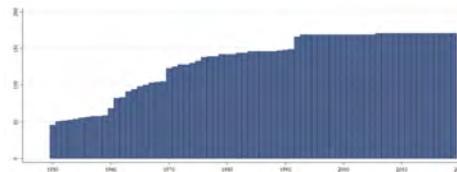
Min. Year:1954 Max. Year: 2019  
N: 136 n: 6955  $\bar{N}$ : 105  $\bar{T}$ : 51

#### 4.82.9 Price level of exports, price level of USA GDPo in 2017=1 (pwt\_plc)

Price level of exports, price level of USA GDP(output side) in 2017=1



Min. Year:2017 Max. Year: 2017  
N: 171



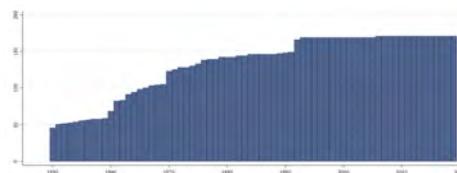
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.10 Price level of government consumption, price level of USA GDPo in 2017=1 (pwt\_plgc)

Price level of government consumption, price level of USA GDP (output side) in 2017=1



Min. Year:2017 Max. Year: 2017  
N: 171



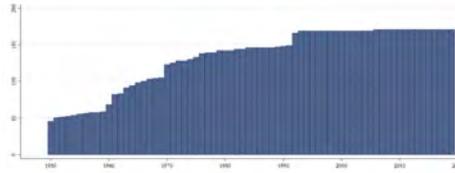
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.11 Price level of household consumption, price level of USA GDPo in 2017=1 (pwt\_plhc)

Price level of household consumption, price level of USA GDP (output side) in 2017=1



Min. Year:2017 Max. Year: 2017  
N: 171



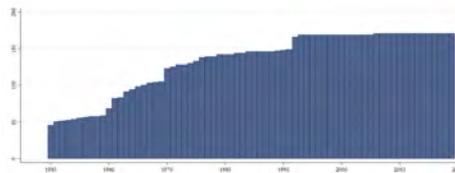
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.12 Price level of imports, price level of USA GDPo in 2017=1 (pwt\_pli)

Price level of imports, price level of USA GDP (output side) in 2017=1



Min. Year:2017 Max. Year: 2017  
N: 171



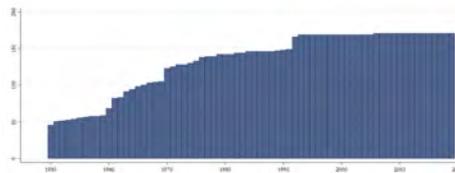
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.13 Population (in millions) (pwt\_pop)

Population (in millions).



Min. Year:2017 Max. Year: 2017  
N: 171



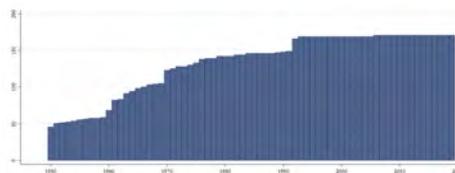
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.14 Real GDP at constant 2017 national prices (in mil. 2017US dollar) (pwt\_rgdg)

Real GDP at constant 2017 national prices (in mil. 2017 US dollar).



Min. Year:2017 Max. Year: 2017  
N: 171



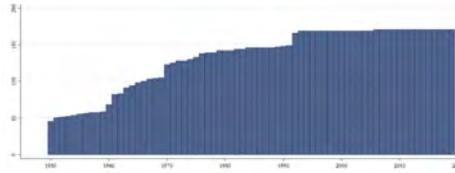
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.15 Share of residual trade and GDP statistical discrepancy at current PPPs (pwt\_rt)

Share of residual trade and GDP statistical discrepancy at current PPPs.



Min. Year:2017 Max. Year: 2017  
N: 171



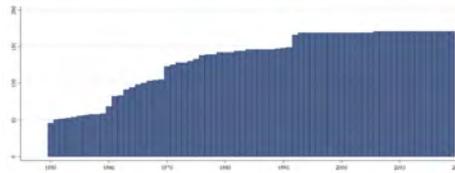
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.16 Share of gross capital formation at current PPPs (pwt\_sgcf)

Share of gross capital formation at current PPPs.



Min. Year:2017 Max. Year: 2017  
N: 171



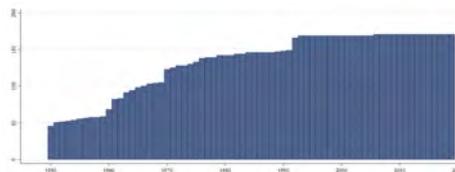
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.17 Share of household consumption at current PPPs (pwt\_shhc)

Share of household consumption at current PPPs.



Min. Year:2017 Max. Year: 2017  
N: 171



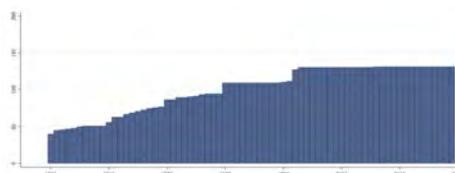
Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

#### 4.82.18 Share of labour compensation in GDP at current national prices (pwt\_slcgdp)

Share of labour compensation in GDP at current national prices.



Min. Year:2017 Max. Year: 2017  
N: 131



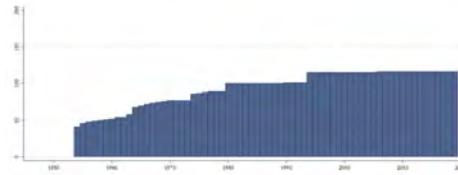
Min. Year:1950 Max. Year: 2019  
N: 136 n: 7040  $\bar{N}$ : 101  $\bar{T}$ : 52

#### 4.82.19 TFP at constant national prices (2017=1) (pwt\_tfp)

Total Factor Productivity (TFP) at constant national prices (2017=1).



Min. Year:2017 Max. Year: 2017  
N: 116



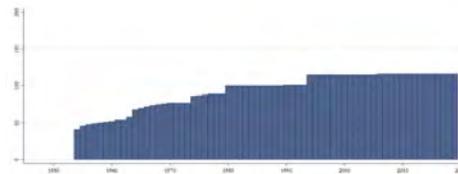
Min. Year:1954 Max. Year: 2019  
N: 121 n: 6182  $\bar{N}$ : 94  $\bar{T}$ : 51

#### 4.82.20 TFP level at current PPPs (USA=1) (pwt\_tfpppp)

Total Factor Productivity (TFP) level at current PPPs (USA=1).



Min. Year:2017 Max. Year: 2017  
N: 116



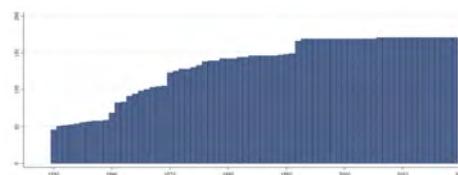
Min. Year:1954 Max. Year: 2019  
N: 121 n: 6182  $\bar{N}$ : 94  $\bar{T}$ : 51

#### 4.82.21 Exchange rate, national currency/USD (market+estimated) (pwt\_xr)

Exchange rate, national currency/USD (market+estimated).



Min. Year:2017 Max. Year: 2017  
N: 171



Min. Year:1950 Max. Year: 2019  
N: 180 n: 9303  $\bar{N}$ : 133  $\bar{T}$ : 52

### 4.83 Dahlstrom, Teorell, Dahlberg, Hartmann, Lindberg and Nistotskaya

<https://www.gu.se/en/quality-government/qog-data/data-downloads/qog-expert-survey>  
(Dahlstrom et al., 2015)  
(Data downloaded: 2020-11-18)

#### The QoG Expert Survey (2014 wave)

The QoG Survey is a data set on the structure and behavior of public administration, based on a web survey. The dataset covers key dimensions of quality of government, such as politicization, professionalization, openness, and impartiality.

Included in the QoG dataset are three indexes, each based on a group of questions from the survey. When constructing the indexes authors excluded countries with less than three responding experts.

The confidence interval variables give the higher and lower limits of the 95% confidence interval.

#### 4.83.1 Closed Public Administration (qs\_closed)

Closed Public Administration: The index measures to what extent the public administration is more closed or public-like, rather than open or private-like. Higher values indicate a more closed public

administration. It is based on three questions from the survey. The index is constructed by first taking the mean for each responding expert of the three questions above. The value for each country is then calculated as the mean of all the experts' means. (If one or more answers are missing, these questions are ignored when calculating the mean value for each expert).



Min. Year: 2014 Max. Year: 2014  
N: 47

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.83.2 Closed Public Administration - Confidence Interval (High) (qs\_closed\_cih)

Closed Public Administration Confidence Interval (High).



Min. Year: 2014 Max. Year: 2014  
N: 47

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.83.3 Closed Public Administration - Confidence Interval (Low) (qs\_closed\_cil)

Closed Public Administration Confidence Interval (Low).



Min. Year: 2014 Max. Year: 2014  
N: 47

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.83.4 Impartial Public Administration (qs\_impar)

Impartial Public Administration: The index measures to what extent government institutions exercise their power impartially. The impartiality norm is defined as: "When implementing laws and policies, government officials shall not take into consideration anything about the citizen/case that is not beforehand stipulated in the policy or the law".

The index is constructed by adding each measure weighted by the factor loading obtained from a principle components factor analysis. Missing values on one or more of the questions have been imputed on the individual expert level. After that, aggregation to the country level has been made (mean value of all experts per country).



Min. Year:2014 Max. Year: 2014  
N: 112

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.83.5 Impartial Public Administration - Confidence Interval (High) (qs\_impar\_cih)**

Impartial Public Administration Confidence Interval (High).



Min. Year:2014 Max. Year: 2014  
N: 112

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.83.6 Impartial Public Administration - Confidence Interval (Low) (qs\_impar\_cil)**

Impartial Public Administration Confidence Interval (Low).



Min. Year:2014 Max. Year: 2014  
N: 112

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.83.7 Professional Public Administration (qs\_proff)**

Professional Public Administration: The index measures to what extent the public administration is professional rather than politicized. Higher values indicate a more professionalized public administration. It is based on four questions from the survey.

The index is constructed by first taking the mean for each responding expert of the four questions above. The value for each country is then calculated as the mean of all the experts' means. (If one or more answers are missing, these questions are ignored when calculating the mean value for each expert. The scales of the second and third questions are reversed so that higher values indicate more professionalism).



Min. Year:2014 Max. Year: 2014  
N: 115

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.83.8 Professional Public Administration - Confidence Interval (High) (qs\_proff\_cih)**

Professional Public Administration Confidence Interval (High).



Min. Year:2014 Max. Year: 2014  
N: 115

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.83.9 Professional Public Administration - Confidence Interval (Low) (qs\_proff\_cil)

Professional Public Administration Confidence Interval (Low).



Min. Year:2014 Max. Year: 2014  
N: 115

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.84 Philip G. Roeder

<http://weber.ucsd.edu/~proeder/elf.htm>

(Roeder, 2001)

(Data downloaded: 2020-10-05)

#### Ethnolinguistic Fractionalization (ELF) Indices, 1961 and 1985

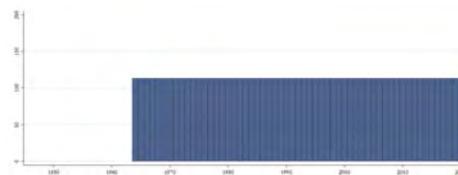
Indices are computed from population estimates of different sources. For details, please follow link above.

##### 4.84.1 Ethnolinguistic Fractionalization-Atlas (1964) (r\_atlas)

Ethnolinguistic Fractionalization: Measures probability that two randomly selected people from a given country will not belong to the same ethnolinguistic group. Reprint from the index published in Taylor and Hudson (1972: 271-274). Original source: Atlas Narodov Mira (1964).



Min. Year:2017 Max. Year: 2017  
N: 102



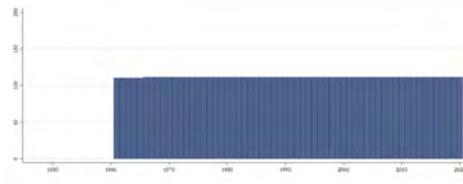
Min. Year:1964 Max. Year: 2020  
N: 113 n: 6441  $\bar{N}$ : 113  $\bar{T}$ : 57

##### 4.84.2 Ethnolinguistic fractionalization (1961) (r\_elf61)

Ethnolinguistic fractionalization 1961: Reflects probability that two randomly selected people from a given country will not belong to the same ethnolinguistic group, where the latter is defined without collapsing any sub-groups in the sources. (For original sources, see Roeder 2001).



Min. Year:2017 Max. Year: 2017  
N: 98



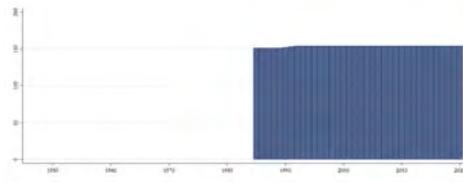
Min. Year:1961 Max. Year: 2020  
N: 111 n: 6655  $\bar{N}$ : 111  $\bar{T}$ : 60

#### 4.84.3 Ethnolinguistic fractionalization (1985) (r\_elf85)

Ethnolinguistic fractionalization 1985: Reflects probability that two randomly selected people from a given country will not belong to the same ethnolinguistic group, where the latter is defined without collapsing any sub-groups in the sources. (For original sources, see Roeder 2001).



Min. Year:2017 Max. Year: 2017  
N: 144



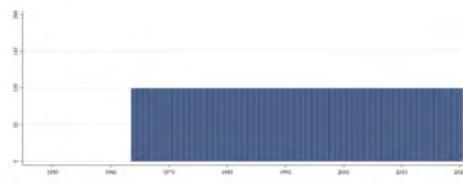
Min. Year:1985 Max. Year: 2020  
N: 154 n: 5526  $\bar{N}$ : 154  $\bar{T}$ : 36

#### 4.84.4 Ethnolinguistic Fractionalization-Muller (1964) (r\_muller)

Ethnolinguistic Fractionalization: Measures probability that two randomly selected people from a given country will not belong to the same ethnolinguistic group. Reprint from the index published in Taylor and Hudson (1972: 271-274). Original source: Muller (1964).



Min. Year:2017 Max. Year: 2017  
N: 91



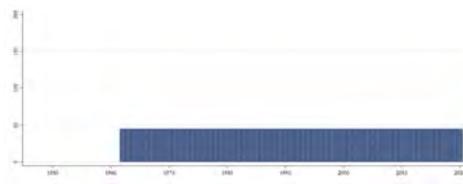
Min. Year:1964 Max. Year: 2020  
N: 99 n: 5643  $\bar{N}$ : 99  $\bar{T}$ : 57

#### 4.84.5 Ethnolinguistic Fractionalization-Roberts (1962) (r\_roberts)

Ethnolinguistic Fractionalization: Measures probability that two randomly selected people from a given country will not belong to the same ethnolinguistic group. Reprint from the index published in Taylor and Hudson (1972: 271-274). Original source: Roberts (1962).



Min. Year:2017 Max. Year: 2017  
N: 40



Min. Year:1962 Max. Year: 2020  
N: 45 n: 2655  $\bar{N}$ : 45  $\bar{T}$ : 59

### 4.85 Michael L Ross

<https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/ZTPW0Y>  
(Ross & Mahdavi, 2015)

(Data downloaded: 2020-09-18)

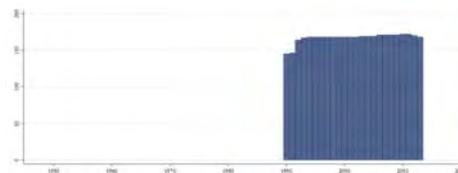
### Oil and Gas Data, 1932-2014

Global dataset of oil and natural gas production, prices, exports, and net exports. These data are based on the best available information about the volume and value of oil and natural gas production in all countries from 1932 to 2014. The volume figures are from the documents listed in the original source; to calculate the total value of production, the author multiplies the volume by the world price for oil or gas. Since these are world prices for a single (benchmark) type of oil/gas, they only approximate the actual price - which varies by country according to the quality, the terms of contracts, the timing of the transactions, and other factors. These figures do not tell how much revenues were collected by governments or companies - only the approximate volume and value of production. Data on oil production from 1946 to 1969, and gas production from 1955 (when it first was reported) to 1969, are from the US Geological Survey Minerals Yearbook, for various years.

#### 4.85.1 Gas exports, billion cubic feet per year (ross\_gas\_exp)

Gas exports, billion cubic feet per year.

Variable not included  
in Cross-Section Data



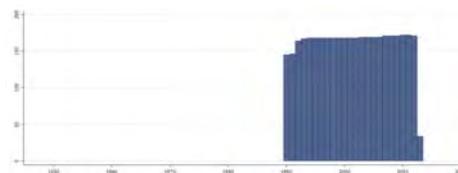
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1990 Max. Year: 2013  
N: 173 n: 4007  $\bar{N}$ : 167  $\bar{T}$ : 23

#### 4.85.2 Net gas exports value, constant 2000 dollar (ross\_gas\_netexp)

Net gas exports value, constant 2000 dollar.

Variable not included  
in Cross-Section Data



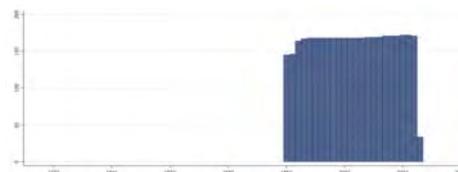
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1990 Max. Year: 2013  
N: 173 n: 3872  $\bar{N}$ : 161  $\bar{T}$ : 22

#### 4.85.3 Net gas exports value per capita, constant 2000 dollar (ross\_gas\_netexpc)

Net gas exports value per capita, constant.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

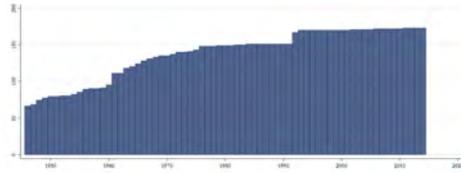
Min. Year:1990 Max. Year: 2013  
N: 173 n: 3871  $\bar{N}$ : 161  $\bar{T}$ : 22

#### 4.85.4 Constant price of gas in 2000 dollar/mboe (ross\_gas\_price)

Constant price of gas in 2000 dollar/mboe.



Min. Year:2014 Max. Year: 2014  
N: 173



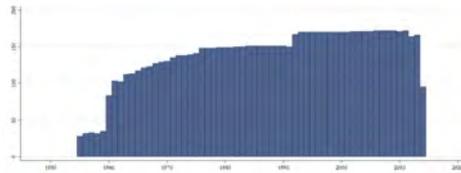
Min. Year:1946 Max. Year: 2014  
N: 189 n: 9514  $\bar{N}$ : 138  $\bar{T}$ : 50

#### 4.85.5 Gas production, million barrels oil equiv. (ross\_gas\_prod)

Gas production, million barrels oil equiv.



Min. Year:2014 Max. Year: 2014  
N: 95



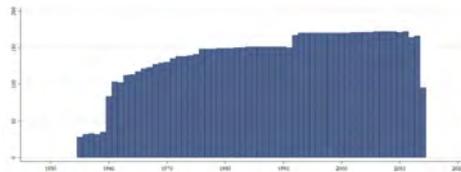
Min. Year:1955 Max. Year: 2014  
N: 188 n: 8347  $\bar{N}$ : 139  $\bar{T}$ : 44

#### 4.85.6 Gas production value in 2000 dollars (ross\_gas\_value\_2000)

Gas production value in 2000 dollars.



Min. Year:2014 Max. Year: 2014  
N: 95



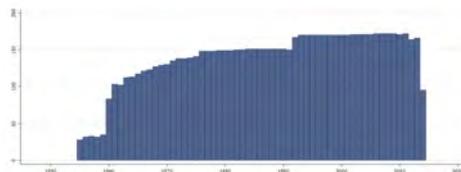
Min. Year:1955 Max. Year: 2014  
N: 188 n: 8347  $\bar{N}$ : 139  $\bar{T}$ : 44

#### 4.85.7 Gas production value in 2014 dollars (ross\_gas\_value\_2014)

Gas production value in 2014 dollars.



Min. Year:2014 Max. Year: 2014  
N: 95



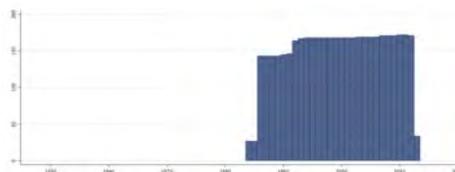
Min. Year:1955 Max. Year: 2014  
N: 188 n: 8347  $\bar{N}$ : 139  $\bar{T}$ : 44

#### 4.85.8 Oil exports, thousands of barrels per day (ross\_oil\_exp)

Oil exports, thousands of barrel per day.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



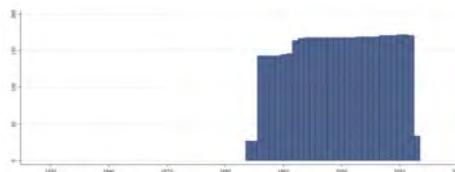
Min. Year:1984 Max. Year: 2013  
N: 173 n: 4498  $\bar{N}$ : 150  $\bar{T}$ : 26

### 4.85.9 Net oil exports value, constant 2000 dollar (ross\_oil\_netexp)

Net oil exports value, constant 2000 dollar.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



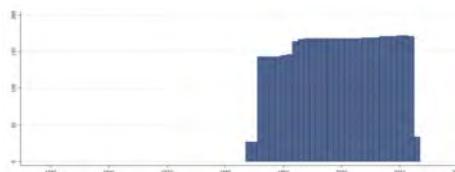
Min. Year:1984 Max. Year: 2013  
N: 173 n: 4498  $\bar{N}$ : 150  $\bar{T}$ : 26

### 4.85.10 Net oil exports value per capita, constant 2000 dollar (ross\_oil\_netexpc)

Net oil exports value per capita, constant.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



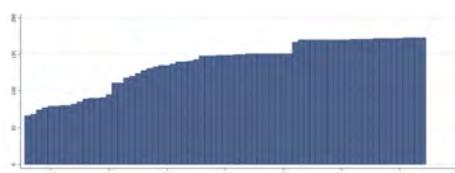
Min. Year:1984 Max. Year: 2013  
N: 173 n: 4497  $\bar{N}$ : 150  $\bar{T}$ : 26

### 4.85.11 Constant price of oil in 2000 dollar/brl (ross\_oil\_price)

Constant price of oil in 2000 dollar/brl.



Min. Year:2014 Max. Year: 2014  
N: 173



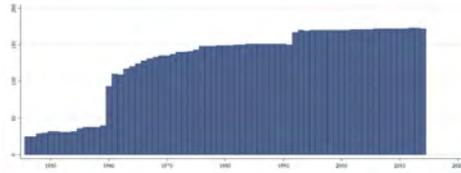
Min. Year:1946 Max. Year: 2014  
N: 189 n: 9514  $\bar{N}$ : 138  $\bar{T}$ : 50

### 4.85.12 Oil production in metric tons (ross\_oil\_prod)

Oil production in metric tons.



Min. Year:2014 Max. Year: 2014  
N: 172



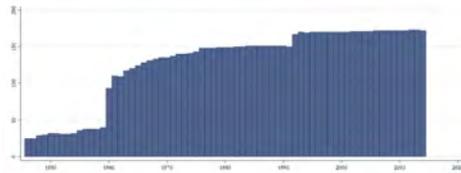
Min. Year:1946 Max. Year: 2014  
N: 189 n: 8821  $\bar{N}$ : 128  $\bar{T}$ : 47

#### 4.85.13 Oil production value in 2000 dollars (ross\_oil\_value\_2000)

Oil production value in 2000 dollars.



Min. Year:2014 Max. Year: 2014  
N: 172



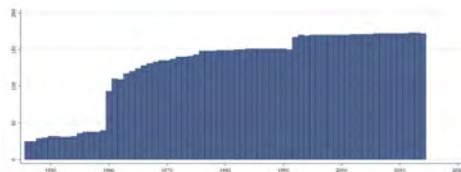
Min. Year:1946 Max. Year: 2014  
N: 189 n: 8821  $\bar{N}$ : 128  $\bar{T}$ : 47

#### 4.85.14 Oil production value in 2014 dollars (ross\_oil\_value\_2014)

Oil production value in 2014 dollars.



Min. Year:2014 Max. Year: 2014  
N: 172



Min. Year:1946 Max. Year: 2014  
N: 189 n: 8821  $\bar{N}$ : 128  $\bar{T}$ : 47

### 4.86 Reporters Sans Frontières

<http://en.rsf.org/>  
(Reporters Without Borders, 2020)  
(Data downloaded: 2020-09-22)

#### World Press Freedom

The Reporters Without Borders World Press Freedom Index ranks the performance of 180 countries according to a range of criteria that include media pluralism and independence, respect for the safety and freedom of journalists, and the legislative, institutional and infrastructural environment in which the media operate.

##### 4.86.1 Press Freedom Index (rsf\_pfi)

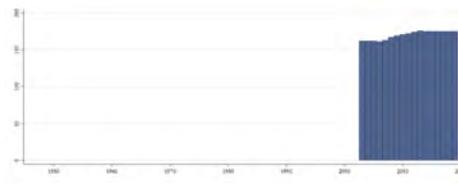
The Press Freedom index measures the amount of freedom journalists and the media have in each country and the efforts made by governments to see that press freedom is respected. It does not take account of all human rights violations, only those that affect press freedom. Neither is it an indicator of the quality of a country's media.

Note: With the exception of the year 2012 the index ranges between 0 (total press freedom) and

100 (no press freedom). However for the 2012 data release RSF changed the scale so that negative values can be and indeed are assigned to countries with more press freedom. We have decided leave the data as is.



Min. Year:2017 Max. Year: 2017  
N: 175



Min. Year:2003 Max. Year: 2019  
N: 179 n: 2889  $\bar{N}$ : 170  $\bar{T}$ : 16

#### 4.87 Borcan, Olsson and Putterman

<https://sites.google.com/site/econolaols/extended-state-history-index>  
(Borcan et al., 2018)  
(Data downloaded: 2020-10-05)

##### Extended State History Index

The data set extends and replaces previous versions of the State Antiquity Index (originally created by Bockstette, Chanda and Putterman, 2002). The updated data extends the previous Statehist data into the years before 1 CE, to the first states in Mesopotamia (in the fourth millennium BCE), along with filling in the years 1951 - 2000 CE that were left out of past versions of the Statehist data.

The construction of the index follows the principles developed by Bockstette et al (2002). First, the duration of state existence is established for each territory defined by modern-day country borders. Second, this duration is divided into 50-year periods. For each half-century from the first period (state emergence) onwards, the authors assign scores to reflect three dimensions of state presence, based on the following questions: 1) Is there a government above the tribal level? 2) Is this government foreign or locally based? 3) How much of the territory of the modern country was ruled by this government?

##### 4.87.1 State History Index, with the discounting rates 0% (sai\_statehiste0)

State History Index. Discounted values of the overall country indicators with the discounting rates 0%.



Min. Year:2018 Max. Year: 2018  
N: 157

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

##### 4.87.2 State History Index, with the discounting rates 1% (sai\_statehiste01)

State History Index. Discounted values of the overall country indicators with the discounting rates 1%.



Min. Year: 2018 Max. Year: 2018  
N: 157

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.3 State History Index, with the discounting rates 10% (sai\_statehiste1)

State History Index. Discounted values of the overall country indicators with the discounting rates 10%.



Min. Year: 2018 Max. Year: 2018  
N: 157

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.4 Normalized Values State History Index, with the discounting rates 0% (sai\_statehisten0)

Normalized Values State History Index, with the discounting rates 0%.



Min. Year: 2018 Max. Year: 2018  
N: 157

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.5 Normalized Values State History Index, with the discounting rates 1% (sai\_statehisten01)

Normalized Values State History Index, with the discounting rates 1%.



Min. Year: 2018 Max. Year: 2018  
N: 157

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.6 Normalized Values State History Index, with the discounting rates 10% (sai\_statehisten1)

Normalized Values State History Index, with the discounting rates 10%.



Min. Year: 2018 Max. Year: 2018  
N: 157

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.88 Bertelsmann Stiftung

<https://www.sgi-network.org/2020/>  
(Schiller et al., 2020)  
(Data downloaded: 2020-11-23)

#### Sustainable Governance Indicators

The SGI is a platform built on a cross-national survey of governance that identifies reform needs in 41 EU and OECD countries. SGI explores how governments target sustainable development and advocate for more sustainable governance built on three pillars:

- Policy Performance
- Democracy
- Governance

##### 4.88.1 Policy Performance: Economic Policies - Overall (sgi\_ec)

Policy Performance: Economic Policies (Economy, Labor Market, Taxes, Budgets, Research and Innovation, Global Financial System)



Min. Year: 2017 Max. Year: 2017  
N: 41



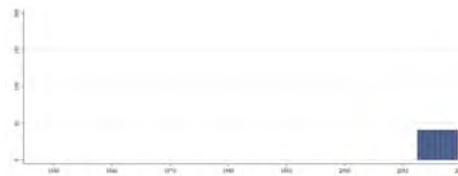
Min. Year: 2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

##### 4.88.2 Policy Performance: Economic Policies - Budgets (sgi\_ecbg)

Policy Performance: Economic Policies - Budgets (Budgetary Policy, Debt to GDP, Primary Balance, Debt Interest Ratio, Budget Consolidation)



Min. Year: 2017 Max. Year: 2017  
N: 41



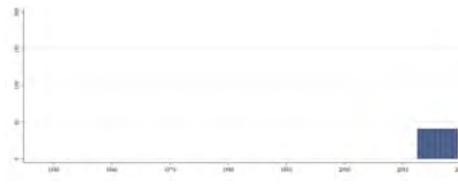
Min. Year: 2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

##### 4.88.3 Policy Performance: Economic Policies - Economy (sgi\_ecec)

Policy Performance: Economic Policies - Economy (Economic Policy, GDP per Capita, Inflation, Gross Fixed Capital Formation, Real Interest Rate, Potential Output Growth Rate)



Min. Year:2017 Max. Year: 2017  
N: 41



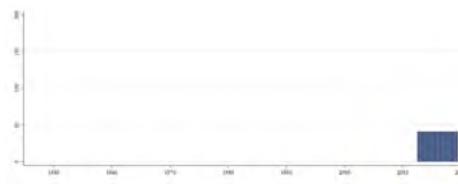
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.4 Policy Performance: Economic Policies - Global Financial System (sgi\_ecgf)

Policy Performance: Economic Policies - Global Financial System (Stabilizing Global Financial System, Tier 1 Capital Ratio, Banks' Nonperforming Loans)



Min. Year:2017 Max. Year: 2017  
N: 41



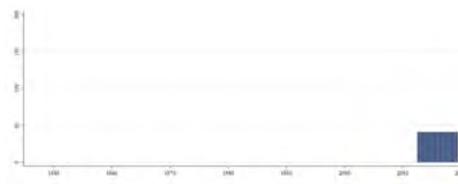
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.5 Policy Performance: Economic Policies - Labor Markets (sgi\_eclm)

Policy Performance: Economic Policies - Labor Market (Labor Market Policy, Unemployment, Long-term Unemployment, Youth Unemployment, Low-skilled Unemployment, Employment, Low Pay Incidence)



Min. Year:2017 Max. Year: 2017  
N: 41



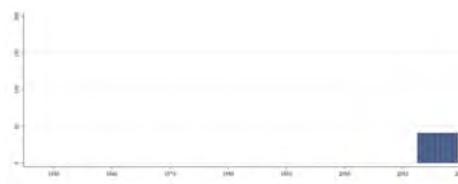
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.6 Policy Performance: Economic Policies - Research, Innovation and Infrastructure (sgi\_ecri)

Policy Performance: Economic Policies - Research, Innovation and Infrastructure (Research and Innovation Policy, Public R&D Spending, Non-public R&D Spending, Total Researchers, Intellectual Property Licenses, PCT Patent Applications)



Min. Year:2017 Max. Year: 2017  
N: 41



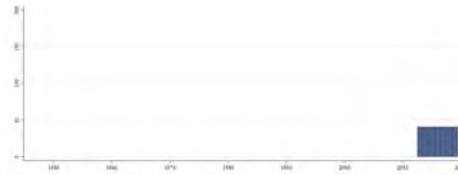
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.7 Policy Performance: Economic Policies - Taxes (sgi\_ectx)

Policy Performance: Economic Policies - Taxes (Tax Policy, Tax System Complexity, Structural Balance, Marginal Tax Burden for Businesses, Redistribution Effect)



Min. Year:2017 Max. Year: 2017  
N: 41



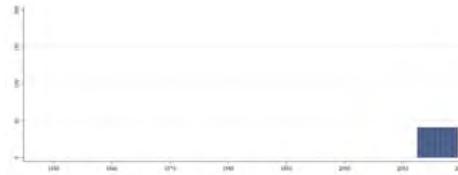
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.8 Policy Performance: Environmental Policies - Overall (sgi\_en)

Policy Performance: Environmental Policies (Environment, Global Environmental Protection)



Min. Year:2017 Max. Year: 2017  
N: 41



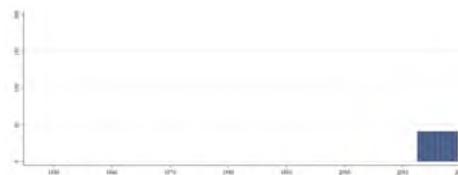
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.9 Policy Performance: Environmental Policies - Environment (sgi\_enen)

Policy Performance: Environmental Policies - Environment (Environmental Policy, Energy Productivity, Greenhouse Gas Emissions, Particulate Matter, Water Usage, Waste Generation, Material Recycling, Biodiversity, Renewable Energy)



Min. Year:2017 Max. Year: 2017  
N: 41



Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.10 Policy Performance: Environmental Policies - Global Environmental Protection (sgi\_enge)

Policy Performance: Environmental Policies - Global Environmental Protection (Global Environmental Policy, Multilateral Environmental Agreements, Kyoto Participation and Achievements)



Min. Year:2017 Max. Year: 2017  
N: 41



Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.11 Governance (sgi\_go)

This pillar of the SGI examines the governance capacities of a political system in terms of its executive capability and accountability. Sustainable governance is defined here as the political management of public affairs that adopts a long-term view of societal development, takes into account the interests of future generations, and facilitates capacities for social change.

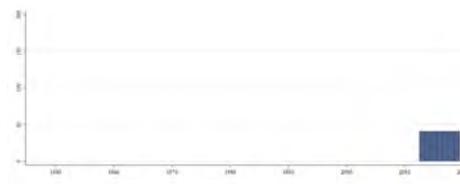
The Governance index examines how effective governments are in directing and implementing policies appropriate to these three goals. As a measuring tool grounded in practical evidence, the Governance index draws on 37 qualitative indicators posed in an expert survey that measure a country's institutional arrangements against benchmarks of good practices in governance. Governance in this context implies both the capacity to act ("executive capacity") and the extent to which non-governmental actors and institutions are endowed with the participatory competence to hold the government accountable to its actions ("executive accountability"). This includes citizens, legislatures, parties, associations and the media, that is, actors that monitor the government's activities and whose effective inclusion in the political process improve the quality of governance.

The dimension of Executive Capacity draws on the categories of steering capability, policy implementation and institutional learning. Steering capability questions explore the roles of strategic planning and expert advice, the effectiveness of interministerial coordination and regulatory impact assessments, and the quality of consultation and communication policies. Questions about implementation assess the government's ability to ensure effective and efficient task delegation to ministers, agencies or subnational governments. Questions on institutional learning refer to a government's ability to reform its own institutional arrangements and improve its strategic orientation.

The dimension of Executive Accountability is comprised of three categories corresponding to actors or groups of actors considered to be important agents of oversight and accountability in theories of democracy and governance. The questions here are designed to examine the extent to which citizens are informed of government policies, whether the legislature is capable of evaluating and acting as a "check" on the executive branch, and whether intermediary organizations (i.e., media, parties, interest associations) demonstrate relevance and policy know-how in exercising oversight. This approach is based on a dynamic understanding of governance in which power and authority is dispersed throughout the institutions, processes and structures of government. In order to account for the diversity of institutional arrangements, the index explicitly considers functional equivalencies in different countries, and pays equal attention to formal and informal as well as hierarchical and non-hierarchical institutional arrangements.



Min. Year:2017 Max. Year: 2017  
N: 41



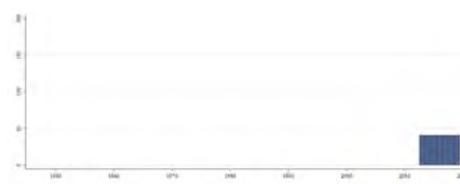
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.12 Governance: Executive Accountability (sgi\_goea)

Governance: Executive Accountability (Citizens, Legislature, Intermediary Organizations)



Min. Year:2017 Max. Year: 2017  
N: 41



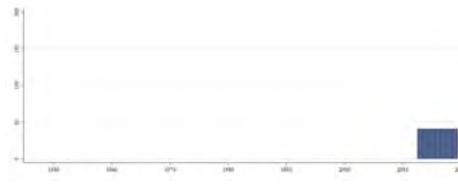
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.13 Governance: Executive Capacity (sgi\_goec)

Governance: Executive Capacity (Steering Capability, Policy Implementation, Institutional Learning)



Min. Year:2017 Max. Year: 2017  
N: 41



Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

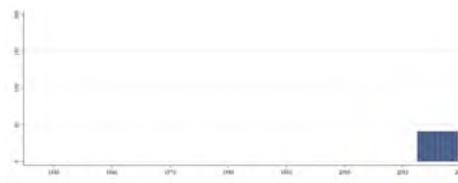
#### 4.88.14 Policy Performance (sgi\_pp)

This pillar of the SGI examines each country's policy performance in terms of three dimensions of sustainable development. If the goal of politics is to promote sustainable development, and if citizens are to be empowered to live their lives in accordance with their own individual talents, then governments must be able to establish and maintain the social, economic and environmental conditions for such well-being and empowerment. The conditions for social progress must be generated by suitable outcomes in certain policy fields. Such outcomes are examined by the Policy Performance pillar, which is comprised of 16 policy fields grouped in terms of economic, social and environmental sustainability. Each policy field is addressed by a qualitative assessment and additional quantitative data. The point here is to examine domestic policymaking as well as the extent to which governments actively contribute to the provision of global public goods. The areas examined are:

1. Economic Policies: economy, labor markets, taxes, budgets, research and innovation, global financial system
2. Social Policies: education, social inclusion, health, families, pensions, integration policy, safe living conditions, global inequalities
3. Environmental Policies: environment policy, global environmental protection



Min. Year:2017 Max. Year: 2017  
N: 41



Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

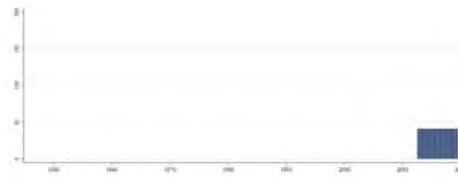
#### 4.88.15 Quality of Democracy (sgi\_qd)

This pillar of the SGI examines the quality of democracy in each country. From the perspective of long-term system stability and political performance, the quality of democracy and political participation are crucial aspects of a society's success. The stability and performance of a political system depends in large part upon the assent and confidence of its citizens. Democratic participation and oversight are also essential to genuine learning and adaptation processes, and to the ability to change. In this sense, guaranteeing opportunities for democratic participation and oversight, as well as the presence of due process and respect for civil rights, are fundamental prerequisites for the legitimacy of a political system. The quality of democracy in each country is measured against a definitional norm that considers issues relating to participation rights, electoral competition, access to information and the rule of law. Given that all OECD and EU member states constitute democracies, the questions posed here focus on the quality rather than the presence of democracy. Individual indicators monitor the following criteria:

1. Electoral processes
2. Access to information
3. Civil rights and political liberties
4. Rule of law



Min. Year:2017 Max. Year: 2017  
N: 41



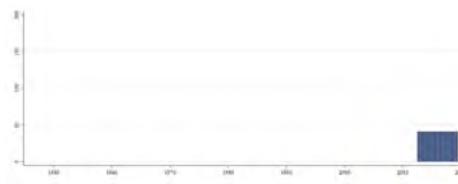
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.16 Quality of Democracy: Access to Information (sgi\_qdai)

Quality of Democracy: Access to Information (Media Freedom, Media Pluralism, Access to Government Information)



Min. Year:2017 Max. Year: 2017  
N: 41



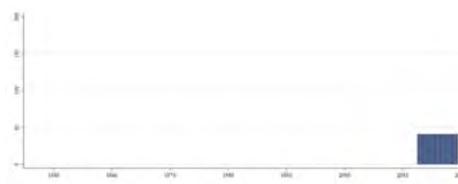
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.17 Quality of Democracy: Civil Rights and Political Liberties (sgi\_qdcr)

Quality of Democracy: Civil Rights and Political Liberties (Civil Rights, Political Liberties, Non-discrimination)



Min. Year:2017 Max. Year: 2017  
N: 41



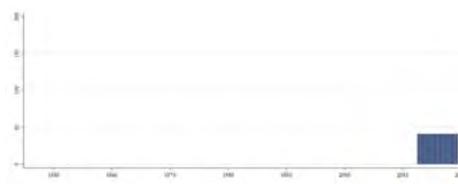
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.18 Quality of Democracy: Electoral Process (sgi\_qdep)

Quality of Democracy: Electoral Process (Candidacy Procedures, Media Access, Voting and Registration Rights, Party Financing, Popular Decision-making)



Min. Year:2017 Max. Year: 2017  
N: 41



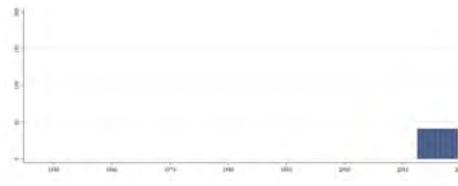
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.19 Quality of Democracy: Rule of Law (sgi\_qdrl)

Quality of Democracy: Rule of Law (Legal Certainty, Judicial Review, Appointment of Justices, Corruption Prevention)



Min. Year:2017 Max. Year: 2017  
N: 41



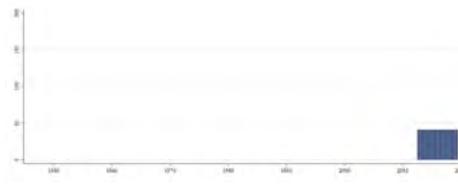
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.20 Quality of Democracy: Rule of Law - Corruption Prevention (sgi\_qdrlc)

Quality of Democracy: Rule of Law - Corruption Prevention. To what extent are public officeholders prevented from abusing their position for private interests? This question addresses how the state and society prevent public servants and politicians from accepting bribes by applying mechanisms to guarantee the integrity of officeholders: auditing of state spending; regulation of party financing; citizen and media access to information; accountability of officeholders (asset declarations, conflict of interest rules, codes of conduct); transparent public procurement systems; effective prosecution of corruption. (1, 2): Public officeholders can exploit their offices for private gain as they see fit without fear of legal consequences or adverse publicity. (3, 4, 5): Some integrity mechanisms function, but do not effectively prevent public officeholders from abusing their positions. (6, 7, 8): Most integrity mechanisms function effectively and provide disincentives for public officeholders willing to abuse their positions. (9, 10): Legal, political and public integrity mechanisms effectively prevent public officeholders from abusing their positions.



Min. Year:2017 Max. Year: 2017  
N: 41



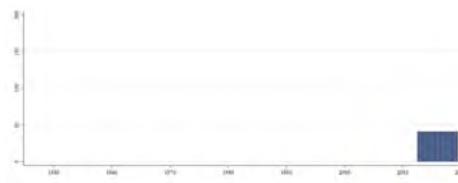
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.21 Policy Performance: Social Policies - Overall (sgi\_so)

Policy Performance: Social Policies (Education, Social Inclusion, Health, Families, Pensions, Integration, Safe Living, Global Inequalities)



Min. Year:2017 Max. Year: 2017  
N: 41



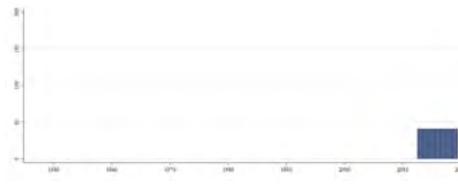
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.22 Policy Performance: Social Policies - Education (sgi\_soed)

Policy Performance: Social Policies - Education (Education Policy, Upper Secondary Attainment, Tertiary Attainment, Programme for International Student Assessment (PISA) Results, Programme for International Student Assessment (PISA) Socioeconomic Background, Pre-primary Expenditure)



Min. Year:2017 Max. Year: 2017  
N: 41



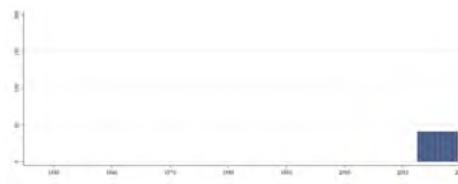
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.23 Policy Performance: Social Policies - Families (sgi\_sofa)

Policy Performance: Social Policies - Families (Family Policy, Child Care Density Age 0-2, Child Care Density Age 3-5, Fertility Rate, Child Poverty Rate)



Min. Year:2017 Max. Year: 2017  
N: 41



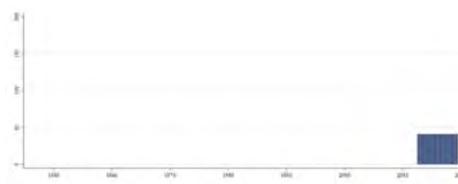
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.24 Policy Performance: Social Policies - Global Social Inequalities (sgi\_sogi)

Policy Performance: Social Policies - Global Inequalities (Global Social Policy, Official Development Assistance (ODA))



Min. Year:2017 Max. Year: 2017  
N: 41



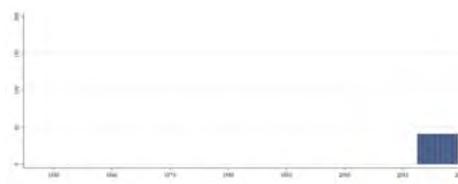
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.25 Policy Performance: Social Policies - Health (sgi\_sohe)

Policy Performance: Social Policies - Health (Health Policy, Spending on Health Programs, Life Expectancy, Infant Mortality, Perceived Health Status)



Min. Year:2017 Max. Year: 2017  
N: 41



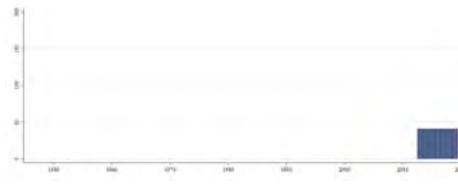
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.26 Policy Performance: Social Policies - Integration Policy (sgi\_soin)

Policy Performance: Social Policies - Integration (Integration Policy, Foreign-born to Native Upper Secondary Attainment, Foreign-born to Native Tertiary Attainment, Foreign-born to Native Unemployment, Foreign-born to Native Employment)



Min. Year:2017 Max. Year: 2017  
N: 41



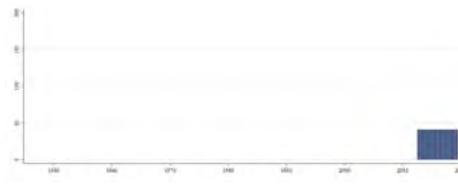
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.27 Policy Performance: Social Policies - Pensions (sgi\_soep)

Policy Performance: Social Policies - Pensions (Pension Policy, Older Employment, Old Age Dependency Ratio, Senior Citizen Poverty)



Min. Year:2017 Max. Year: 2017  
N: 41



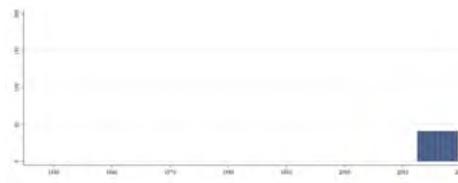
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.28 Policy Performance: Social Policies - Social Inclusion (sgi\_sosi)

Policy Performance: Social Policies - Social Inclusion (Social Inclusion Policy, Poverty Rate, NEET Rate, Gini Coefficient, Gender Equality in Parliaments, Life Satisfaction)



Min. Year:2017 Max. Year: 2017  
N: 41



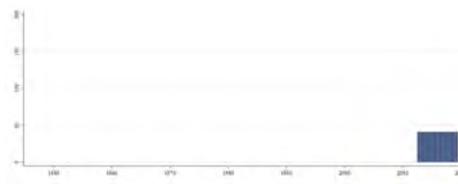
Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

#### 4.88.29 Policy Performance: Social Policies - Safe Living Conditions (sgi\_sosl)

Policy Performance: Social Policies - Safe Living (Internal Security Policy, Homicides, Thefts, Confidence in Police)



Min. Year:2017 Max. Year: 2017  
N: 41



Min. Year:2013 Max. Year: 2019  
N: 41 n: 287  $\bar{N}$ : 41  $\bar{T}$ : 7

### 4.89 Elgin and Oztunali

[http://www.econ.boun.edu.tr/public\\_html/RePEc/pdf/201205.pdf](http://www.econ.boun.edu.tr/public_html/RePEc/pdf/201205.pdf)

(Elgin & Oztunali, 2012)

(Data downloaded: 2015-10-06)

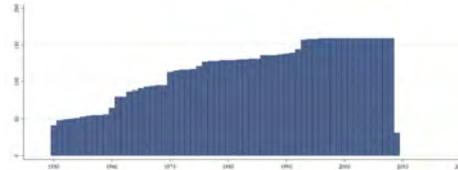
## Shadow Economies: Model Based estimates (2012)

The authors use a two-sector dynamic general equilibrium model; they developed an approach to estimate the size of the shadow economy. Compared to the methods used in the current literature, this approach overcomes three main issues. First, it does not rely on ad-hoc econometric specifications and assumptions. Second, as it does not estimate the size of the shadow economy using statistical methods, it does not include statistical errors. Finally, as opposed to the currently existing methods, it does not lack micro-foundations.

### 4.89.1 Level of the shadow economy (shec\_se)

Level of the shadow economy

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A  
Min. Year: 1950 Max. Year: 2009  
N: 166 n: 6907  $\bar{N}$ : 115  $\bar{T}$ : 42

## 4.90 Nathan Nunn

<http://scholar.harvard.edu/nunn/pages/data-0>

(Nunn, 2008)

(Data downloaded: 2020-06-10)

### The Long-Term Effects of Africa's Slave Trades Dataset (2008)

To construct a measure of the total number of slaves taken from each country during the four slave trades between 1400 and 1900, Nunn collected data that report the total number of slaves exported from each port or region in Africa and data that reports the ethnic identity of slaves shipped from Africa.

There were a number of ways Nunn identified the ethnicity or nation of a slave:

The easiest was often by a slave's name. Slaves were often given a Christian first name and a surname that identified their ethnicity (e.g., Tardieu [2001]). As well, a slave's ethnicity could often be determined from ethnic markings, such as cuts, scars, hairstyles, or the filing of teeth (Karasch 1987, pp. 4-9).

Information on the ethnicities of slaves shipped during the trans-Atlantic slave trade comes from 54 different samples, totalling 80,656 slaves, with 229 distinct ethnic designations reported.

The ethnicity data for the Indian Ocean slave trade come from six samples, with a total of 21,048 slaves and 80 different ethnicities reported. The data for the Red Sea slave trade are from two samples: one from Jeddah, Saudi Arabia, and the other from Bombay, India. The samples provide information for 67 slaves, with 32 different reported ethnicities. For the trans-Saharan slave trade two samples are available: one from central Sudan and the other from western Sudan. The samples provide information on the origins of 5,385 slaves, with 23 different ethnicities recorded. The shipping data from Austen (1992) also provide additional information on which caravan slaves were shipped on, the city or town that the caravan originated in, the destination of the caravan, and in some cases the ethnic identity of the slaves being shipped.

Nunn combines the data in the following way:

Using the shipping data, Nunn first calculates the number of slaves shipped from each coastal country in Africa. In an example 100,000 slaves were shipped from Country A and 250,000 were shipped from Country C. The problem with relying on the shipping data alone is that many of slaves shipped

from Country A may have come from Country B, which lies landlocked behind Country A. Then, using the ethnicity data, Nunn calculates the ratio of slaves from each coastal country relative to any landlocked countries located inland of the coastal country. This requires to map ethnicities to countries and aggregate up to the country level. In practice, this step relied on a great amount of past research by African historians, linguists, and ethnographers. The sources most heavily used are Koelle (1854), Murdock (1959), Curtin (1969), Higman (1984), and Hall (2005).

#### 4.90.1 Log Total Slave Export (Normalized by Land Area) (slavet\_inexparea)

Total number of slaves taken from each country during the four slave trades between 1400 and 1900 normalized by land area.



Min. Year: 2014 Max. Year: 2014  
N: 52

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.90.2 Log Total Slave Export (Normalized by Historic Population) (slavet\_inexppop)

Total number of slaves taken from each country during the four slave trades between 1400 and 1900 normalized by average population.



Min. Year: 2014 Max. Year: 2014  
N: 52

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.90.3 Minimum Atlantic distance (1,000 of kms) (slavet\_mindistatl)

Shortest sailing distances to the locations of demand in the trans-Atlantic slave trades.



Min. Year: 2014 Max. Year: 2014  
N: 52

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.90.4 Minimum Indian distance (1,000 of kms) (slavet\_mindistind)

Shortest sailing distances to the locations of demand in the Indian Ocean slave trades.



Min. Year: 2014 Max. Year: 2014  
N: 52

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.90.5 Minimum Red Sea distance (1,000 of kms) (slavet\_mindistred)

Shortest overland distances to the locations of demand in the Red Sea slave trades.



Min. Year: 2014 Max. Year: 2014  
N: 52

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.90.6 Minimum Saharan distance (1,000 of kms) (slavet\_mindistsah)

Shortest overland distances to the locations of demand in the trans-Saharan slave trades.



Min. Year: 2014 Max. Year: 2014  
N: 52

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.91 Social Progress Imperative

<https://www.socialprogress.org/index/global>

(The Social Progress Imperative, 2020)

(Data downloaded: 2020-12-02)

#### Social Progress Index

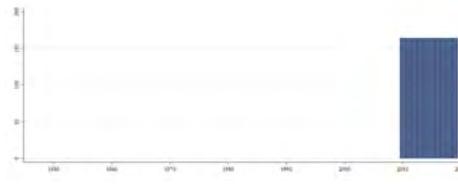
The Social Progress Index (SPI) is a well-established measure, published since 2013, that is meant to catalyze improvement and drive action by presenting social outcome data in a useful and reliable way. The 2020 Social Progress Index ranks 163 countries on social progress. It combines 50 social and environmental outcome indicators to calculate an overall score for these countries, based on tiered levels of scoring that include measures in health, safety, education, technology, rights, and more. In addition to the overall scores, three broad dimensions of social progress are also measured: Basic Human Needs, Foundations of Wellbeing, and Opportunity. It also considers the data of 30 additional countries, calculating component and dimension scores when enough data are available. In all, the SPI measures at least some aspects of social progress across more than 99.85% of the world's population.

#### 4.91.1 Basic Human Needs (SPI) (spi\_bn)

Basic Human Needs is one of the three components of the SPI, which are used to calculate the overall Social Progress Index. It assesses a population's capacity to survive with adequate nourishment and basic medical care, clean water, sanitation, adequate shelter, and personal safety.



Min. Year:2017 Max. Year: 2017  
N: 164



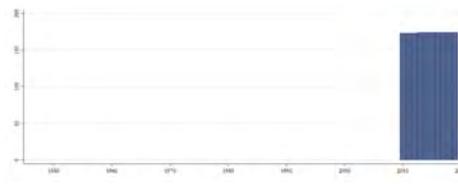
Min. Year:2010 Max. Year: 2019  
N: 166 n: 1640  $\bar{N}$ : 164  $\bar{T}$ : 10

#### 4.91.2 Foundations of Wellbeing (SPI) (spi\_fob)

Foundations of Wellbeing is one of the three components of the SPI, which are used to calculate the overall Social Progress Index. It highlights the extent to which a country's residents can gain a basic education, obtain information and communicate freely, benefit from a modern healthcare system, and live in a healthy environment conducive to a long life.



Min. Year:2017 Max. Year: 2017  
N: 174



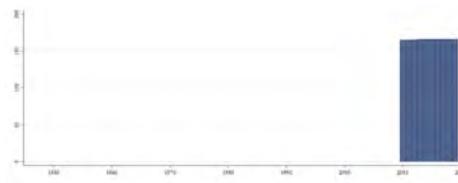
Min. Year:2010 Max. Year: 2019  
N: 175 n: 1737  $\bar{N}$ : 174  $\bar{T}$ : 10

#### 4.91.3 Opportunity (SPI) (spi\_opp)

Opportunity is one of the three components of the SPI, which are used to calculate the overall Social Progress Index. Indicators on personal rights, personal freedom and choice, inclusiveness, and access to advanced education are used to assess the level of opportunity.



Min. Year:2017 Max. Year: 2017  
N: 166



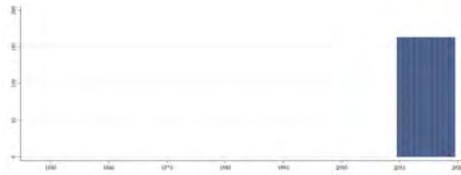
Min. Year:2010 Max. Year: 2019  
N: 167 n: 1657  $\bar{N}$ : 166  $\bar{T}$ : 10

#### 4.91.4 Social Progress Index (spi\_ospi)

Overall Social Progress Index. It aims to assess the capacity of a society to meet the basic human needs of its citizens, establish the building blocks that allow citizens and communities to enhance and sustain the quality of their lives, and create the conditions for all individuals to reach their full potential.



Min. Year:2017 Max. Year: 2017  
N: 163



Min. Year:2010 Max. Year: 2019  
N: 165 n: 1630  $\bar{N}$ : 163  $\bar{T}$ : 10

## 4.92 The Political Terror Scale project

<http://www.politicalterrorscale.org/Data/Documentation-SVS.html>

(Gibney et al., 2018)

(Data downloaded: 2020-11-04)

### The Societal Violence Scale

The Societal Violence Scale seeks to develop measures of societal violence based on annual US State Department's Human Rights reports. The Societal Violence Scale ranks countries on a 5-point scale (from the lowest level of societal violence to the highest) based on three criteria. First, the authors look at scope: the proportion of society that is victimized. Thus, widespread violence against women (who account for 50 percent of the population) figures more heavily in the final score than widespread abuses against human rights defenders, who represent a very small number. The authors also look at the severity of abuses. For example, evidence that human rights defenders are killed weighs more heavily than beatings of human rights defenders. Likewise, while women are routinely subjected to sexual violence and domestic violence, the addition of other types of violence against women like gang rape, sex trafficking, and/or FGM/C adds to the assessment of severity.

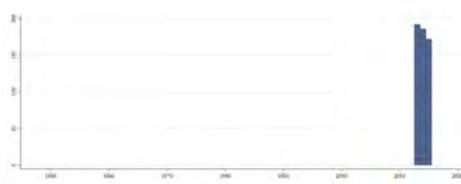
#### 4.92.1 Societal Violence Scale Index 1-5 (svs\_ind)

The Societal Violence Scale is coded on a 5-point scale where:

- 1 Societal violence is limited in scope and severity, with relatively few victims and few perpetrators.
- 2 Societal violence is a problem, affecting a significant number of victims, albeit across few victim categories and of a less severe nature.
- 3 Societal violence is widespread and serious in nature. It affects a significant number of people across several victim categories.
- 4 Societal violence is pervasive in scope, severe in nature, assumes a variety of forms and affects a large proportion of the population typically across several victim categories and perpetrators.
- 5 Societal violence is ubiquitous in scope, egregious in nature and assumes a variety of forms. It affects a large proportion of the population, commonly crossing numerous victim groups and perpetrators.



Min. Year:2014 Max. Year: 2015  
N: 190



Min. Year:2013 Max. Year: 2015  
N: 192 n: 550  $\bar{N}$ : 183  $\bar{T}$ : 3

## 4.93 Duane Swank

[http://www.marquette.edu/polisci/faculty\\_swank.shtml](http://www.marquette.edu/polisci/faculty_swank.shtml)

(Swank, 2018)

(Data downloaded: 2020-11-18)

### Comparative Political Parties Dataset

Dataset captures characteristics of political parties in Australia, Austria, Belgium, Canada, Denmark, Finland, France, West Germany, Ireland, Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, United States, Greece, Portugal, and Spain between 1950 to 2011.

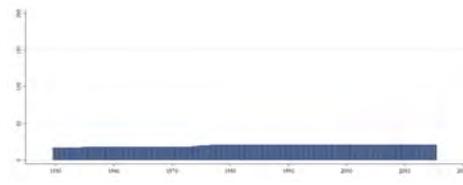
This dataset uses the following categories for parties: Left: communist; socialist, social democratic, and labor; and other various left-wing parties (e.g., left-libertarian parties); Right: far-right (e.g., neo-fascist, right-wing populist), classical liberal, Conservative Christian Democratic, and other various right-wing parties; Centrist Christian Democratic (Centrist CD): non-conservative Catholic parties; Secular Center (Secular Cent): non-catholic parties of the center. The data set also includes a total Christian Democratic party category and all variables for Radical Right-Wing Populist and Left-Libertarian parties.

#### 4.93.1 Cabinet Portfolios: Centrist Christian Democratic (sw\_cccd)

Centrist Christian Democratic cabinet portfolios as a percent of all cabinet portfolios.



Min. Year:2015 Max. Year: 2015  
N: 21



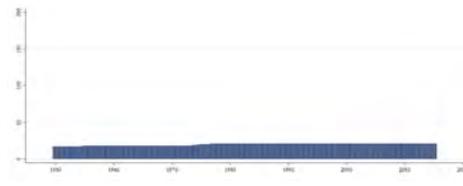
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.2 Cabinet Portfolios: Christian Democratic (sw\_ccd)

Total Christian Democratic party cabinet portfolios as a percent of all cabinet net portfolios.



Min. Year:2015 Max. Year: 2015  
N: 21



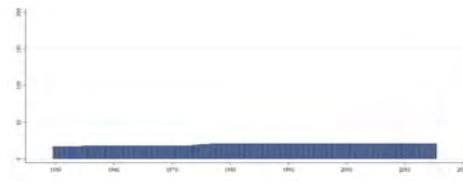
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.3 Cabinet Portfolios: Center (sw\_cce)

Center party cabinet portfolios as a percent of all portfolios.



Min. Year:2015 Max. Year: 2015  
N: 21



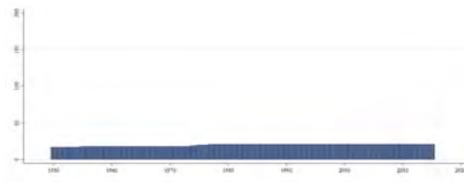
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.4 Cabinet Portfolios: Left (sw\_cl)

Left party cabinet portfolios as a percent of all cabinet portfolios.



Min. Year:2015 Max. Year: 2015  
N: 21



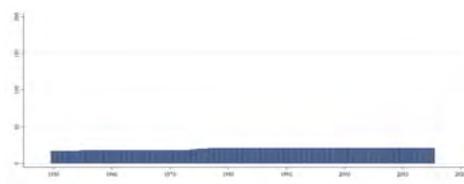
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.5 Cabinet Portfolios: Left-Libertarian (sw\_cll)

Percentage of cabinet portfolios in national government held by left libertarian ("new left") parties.



Min. Year:2015 Max. Year: 2015  
N: 21



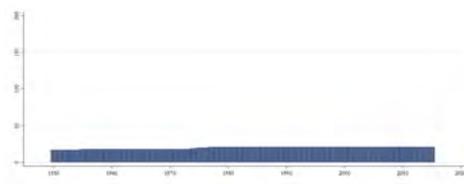
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.6 Cabinet Portfolios: Right (sw\_cr)

Right party cabinet portfolios as a percent of all cabinet portfolios.



Min. Year:2015 Max. Year: 2015  
N: 21



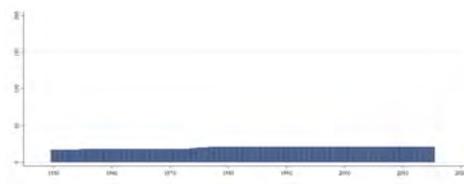
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.7 Cabinet Portfolios: Right-Wing Populist (sw\_crwp)

Percentage of cabinet portfolios in national government held by right-wing populist parties.



Min. Year:2015 Max. Year: 2015  
N: 21



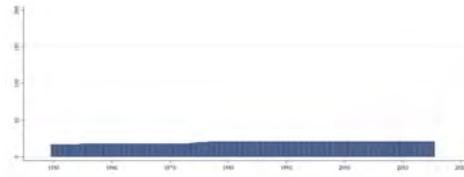
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.8 Election Year (sw\_ey)

Election Year. Dummy variable coded 1 for years in which elections occurred; otherwise, 0



Min. Year:2015 Max. Year: 2015  
N: 21



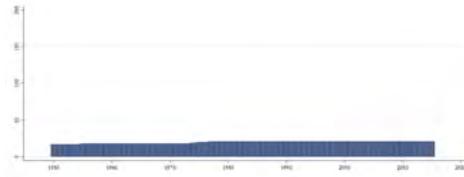
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.9 Governing Party Seats: Centrist Christian Democratic (sw\_gccd)

Centrist Christian Democratic governing party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



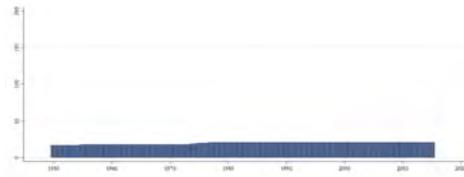
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.10 Governing Party Seats: Christian Democratic (sw\_gcd)

Total Christian Democratic governing party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



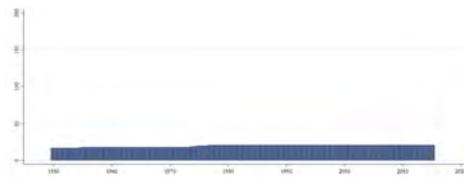
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.11 Governing Party Seats: Center (sw\_gce)

Center governing party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



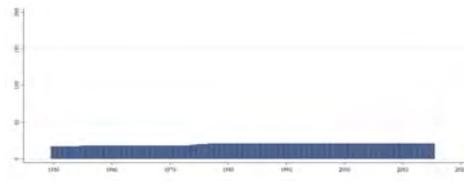
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.12 Governing Party Seats: Left (sw\_gl)

Left governing party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



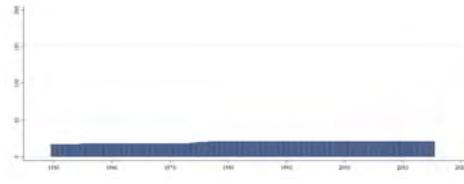
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.13 Governing Party Seats: Left-Libertarian (sw\_gll)

Left libertarian governing party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



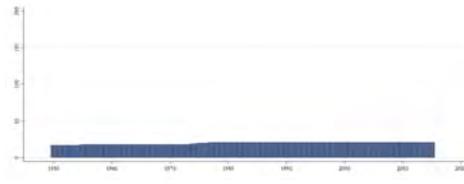
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.14 Governing Party Seats: Right (sw\_gr)

Right governing party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



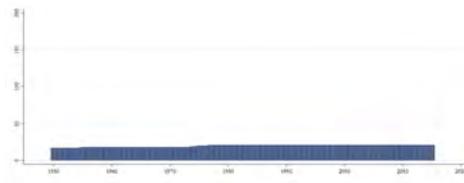
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.15 Governing Party Seats: Right-Wing Populist (sw\_grwp)

Right-wing populist governing party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



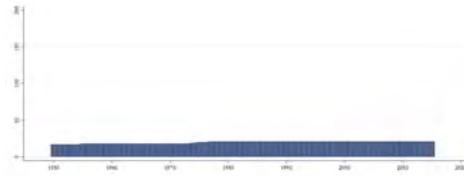
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.16 Legislative Seats: Centrist Christian Democratic (sw\_lccd)

Centrist Christian Democratic party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



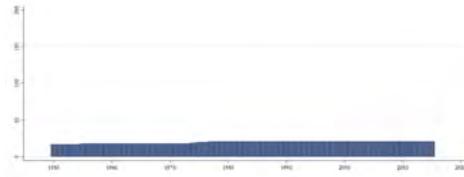
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.17 Legislative Seats: Christian Democratic (sw\_lcd)

Total Christian Democratic party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



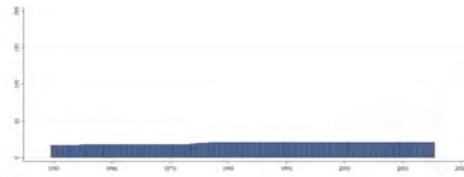
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.18 Legislative Seats: Center (sw\_lce)

Center party seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



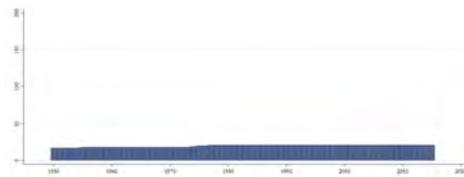
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.19 Legislative Seats: Left (sw\_ll)

Left party legislative seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



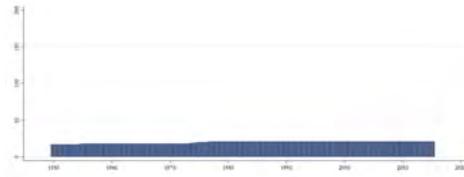
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.20 Legislative Seats: Left-Libertarian (sw\_lll)

Percentage of seats (lower chamber) for left-libertarian parties and various miscellaneous works.



Min. Year:2015 Max. Year: 2015  
N: 21



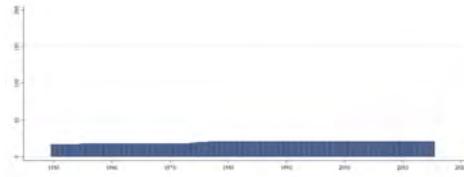
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.21 Legislative Seats: Right (sw\_lr)

Right party legislative seats as a percent of all legislative seats.



Min. Year:2015 Max. Year: 2015  
N: 21



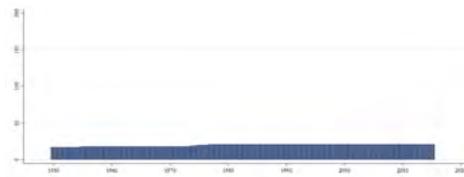
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.22 Legislative Seats: Right-Wing Populist (sw\_lrwp)

Percentage of seats in lower chamber of national parliament held by right wing populist parties.



Min. Year:2015 Max. Year: 2015  
N: 21



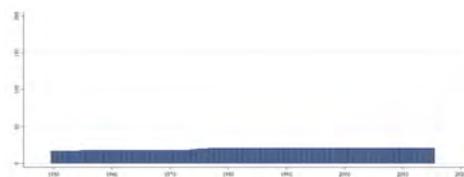
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.23 Votes: Centrist Christian Democratic (sw\_vccd)

Centrist Christian Democratic party votes as a percent of all votes.



Min. Year:2015 Max. Year: 2015  
N: 21



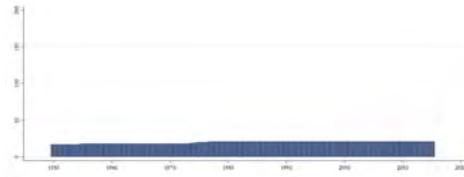
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.24 Votes: Christian Democratic (sw\_vcd)

Total Christian Democratic party votes as a percent of all votes.



Min. Year:2015 Max. Year: 2015  
N: 21



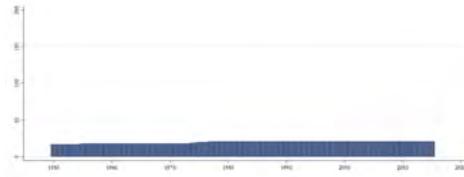
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.25 Votes: Center (sw\_vce)

Center party votes as a percent of all votes.



Min. Year:2015 Max. Year: 2015  
N: 21



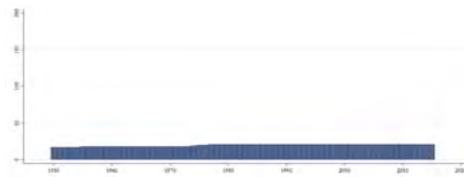
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.26 Votes: Left (sw\_vl)

Left party votes as a percent of total votes.



Min. Year:2015 Max. Year: 2015  
N: 21



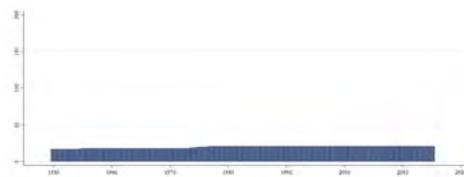
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.27 Votes: Left-Libertarian (sw\_vll)

Percentage of votes (lower chamber) for left-libertarian parties.



Min. Year:2015 Max. Year: 2015  
N: 21



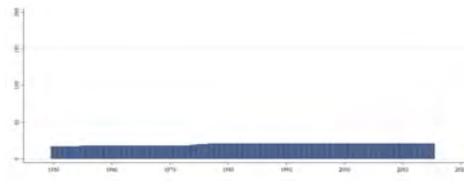
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.28 Votes: Right (sw\_vr)

Right party votes as a percent of total votes.



Min. Year:2015 Max. Year: 2015  
N: 21



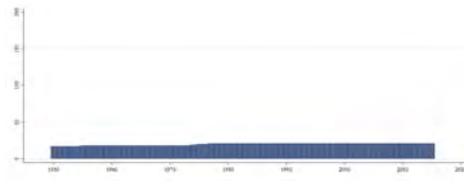
Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

#### 4.93.29 Votes: Right-Wing Populist (sw\_vrwp)

Percentage of national vote for right-wing populist parties in elections to lower chamber.



Min. Year:2015 Max. Year: 2015  
N: 21



Min. Year:1950 Max. Year: 2015  
N: 23 n: 1305  $\bar{N}$ : 20  $\bar{T}$ : 57

### 4.94 Transparency International

<https://www.transparency.org/en/cpi/2020>

(Transparency International, 2021)

(Data downloaded: 2021.01.28)

#### Corruption Perceptions Index

The CPI focuses on corruption in the public sector and defines corruption as the abuse of public office for private gain. The surveys used in compiling the CPI tend to ask questions in line with the misuse of public power for private benefit, with a focus, for example, on bribe-taking by public officials in public procurement. The sources do not distinguish between administrative and political corruption. The CPI Score relates to perceptions of the degree of corruption as seen by business people, risk analysts and the general public and ranges between 100 (highly clean) and 0 (highly corrupt).

Note: The time-series information in the CPI scores can only be used if interpreted with caution. Year-to-year shifts in a country's score can result not only from a changing perception of a country's performance but also from a changing sample and methodology. That is, with differing respondents and slightly differing methodologies, a change in a country's score may also relate to the fact that different viewpoints have been collected and different questions have been asked. Moreover, each country's CPI score is composed as a 3-year moving average, implying that if changes occur they only gradually affect a country's score. For a more detailed discussion of comparability over time in the CPI, see Lambsdorff 2005.

Note: In 2012 TI changed methodology for which the data is no comparable and only data from 2012 can be compared.

Also, the observation "Belgium/Luxembourg" from the 1995 data has been dropped.

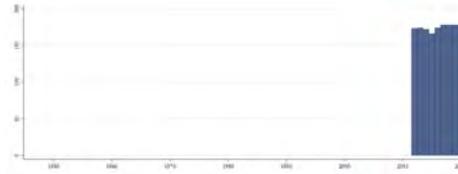
The Corruption Perception Index (2018) by Transparency International is licensed under CC-BY-ND 4.0

#### 4.94.1 Corruption Perceptions Index (ti\_cpi)

Corruption Perceptions Index. Scale of 0-100 where a 0 equals the highest level of perceived corruption and 100 equals the lowest level of perceived corruption.



Min. Year:2017 Max. Year: 2017  
N: 178



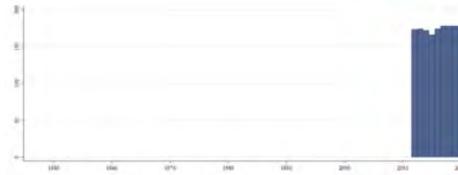
Min. Year:2012 Max. Year: 2020  
N: 178 n: 1571  $\bar{N}$ : 175  $\bar{T}$ : 9

#### 4.94.2 Corruption Perceptions Index - max range (ti\_cpi\_max)

Corruption Perceptions Index - Max Range. Highest possible value of the CPI for a country according to the 95% confidence interval.



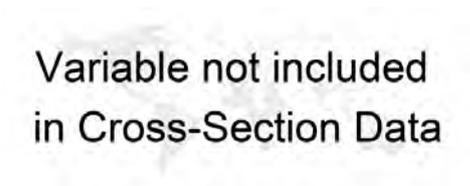
Min. Year:2017 Max. Year: 2017  
N: 178



Min. Year:2012 Max. Year: 2020  
N: 178 n: 1571  $\bar{N}$ : 175  $\bar{T}$ : 9

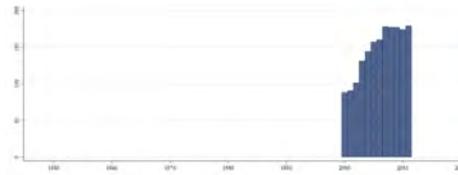
#### 4.94.3 Corruption Perceptions Index - max range (old method.) (ti\_cpi\_max\_om)

Corruption Perceptions Index - Max Range (Old methodology). Highest possible value of the CPI for a country according to the 95% confidence interval.



Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



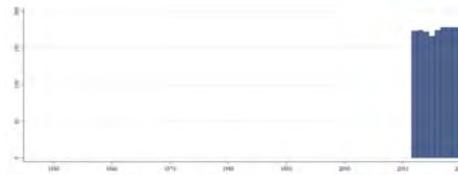
Min. Year:2000 Max. Year: 2011  
N: 183 n: 1756  $\bar{N}$ : 146  $\bar{T}$ : 10

#### 4.94.4 Corruption Perceptions Index - min range (ti\_cpi\_min)

Corruption Perceptions Index - Min Range. Lowest possible value of the CPI for a country according to the 95% confidence interval.



Min. Year:2017 Max. Year: 2017  
N: 178



Min. Year:2012 Max. Year: 2020  
N: 178 n: 1571  $\bar{N}$ : 175  $\bar{T}$ : 9

#### 4.94.5 Corruption Perceptions Index - min range (old method.) (ti\_cpi\_min\_om)

Corruption Perceptions Index - Min Range (Old methodology). Lowest possible value of the CPI for a country according to the 95% confidence interval.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:2000 Max. Year: 2011  
N: 183 n: 1756  $\bar{N}$ : 146  $\bar{T}$ : 10

### 4.94.6 Corruption Perceptions Index (old methodology) (ti\_cpi\_om)

Corruption Perceptions Index (Old methodology). Scale of 0-10 where a 0 equals the highest level of perceived corruption and 10 equals the lowest level of perceived corruption.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1995 Max. Year: 2011  
N: 183 n: 2079  $\bar{N}$ : 122  $\bar{T}$ : 11

## 4.95 World Inequality Lab

<http://wid.world/data/>

(Alvaredo et al., 2020b) (Alvaredo et al., 2020a)

(Data downloaded: 2020-10-02)

### World Inequality Database

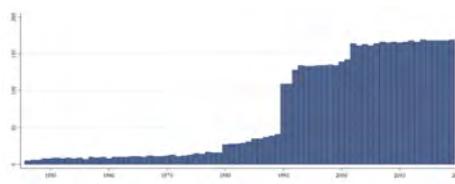
Built to accompany the publishing of the two books *Top Incomes: a Global Perspective* (2010, Oxford University Press) and *Top Incomes over the XX Century* (2007, Oxford University Press), the World Top Incomes Database offers the most comprehensive set of historical series on income inequality available so far. In the 2010 book, the authors analyze the long term evolution of top incomes in 12 new countries (after the 10 initial countries analysed in the 2007 book).

#### 4.95.1 Top 10% income share (top\_top10\_income\_share)

Top 10% income share, equal-split adults. Pre-tax national income share held by a given percentile group. Pre-tax national income is the sum of all pre-tax personal income flows accruing to the owners of the production factors, labor and capital, before taking into account the operation of the tax/transfer system, but after taking into account the operation of pension system. The central difference between personal factor income and pre-tax income is the treatment of pensions, which are counted on a contribution basis by factor income and on a distribution basis by pre-tax income. The population is comprised of individuals over age 20. The base unit is the individual (rather than the household) but resources are split equally within couples.



Min. Year:2017 Max. Year: 2019  
N: 169



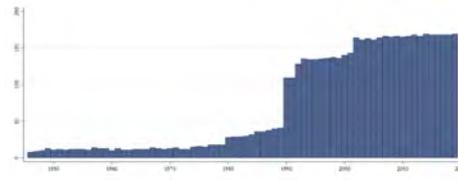
Min. Year:1946 Max. Year: 2019  
N: 174 n: 5234  $\bar{N}$ : 71  $\bar{T}$ : 30

#### 4.95.2 Top 1% income share (top\_top1\_income\_share)

Top 1% income share, equal-split adults. Pre-tax national income share held by a given percentile group. Pre-tax national income is the sum of all pre-tax personal income flows accruing to the owners of the production factors, labor and capital, before taking into account the operation of the tax/transfer system, but after taking into account the operation of pension system. The central difference between personal factor income and pre-tax income is the treatment of pensions, which are counted on a contribution basis by factor income and on a distribution basis by pre-tax income. The population is comprised of individuals over age 20. The base unit is the individual (rather than the household) but resources are split equally within couples.



Min. Year: 2017 Max. Year: 2019  
N: 169



Min. Year: 1946 Max. Year: 2019  
N: 174 n: 5332  $\bar{N}$ : 72  $\bar{T}$ : 31

### 4.96 UCDP/PRIO

<http://ucdp.uu.se/downloads/>

(Pettersson et al., 2020) (Harbom et al., 2008) (Pettersson, 2020)

(Data downloaded: 2020-09-24)

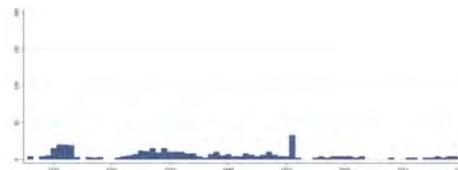
#### UCDP Dyadic Dataset version 20.1

The UCDP Dyadic Dataset is a project within the Uppsala Conflict Data Program (UCDP) at the Department of Peace and Conflict Research, Uppsala University. The UCDP Dyadic dataset builds on the UCDP/PRIO Armed Conflict dataset, but goes beyond the conflict level and focuses on dyads within each conflict. As such, it constitutes a disaggregated version of the UCDP/PRIO Armed Conflict dataset.

##### 4.96.1 Interstate armed conflict (ucdp\_type2)

Number of interstate armed conflicts per country in a given year. An interstate armed conflict occurs between two or more states.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

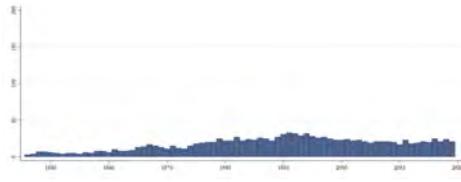
Min. Year: 1946 Max. Year: 2019  
N: 87 n: 404  $\bar{N}$ : 5  $\bar{T}$ : 5

##### 4.96.2 Internal armed conflict (ucdp\_type3)

Number of internal armed conflicts per country in a given year. Internal armed conflict occurs between the government of a state and one or more internal opposition group(s) without intervention from other states.



Min. Year:2014 Max. Year: 2019  
N: 36



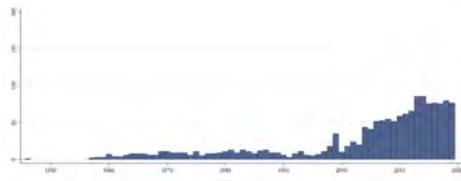
Min. Year:1946 Max. Year: 2019  
N: 104 n: 1306  $\bar{N}$ : 18  $\bar{T}$ : 13

#### 4.96.3 Internationalized internal armed conflict (ucdp\_type4)

Number of internationalized internal armed conflicts per country in a given year. Internationalized internal armed conflict occurs between the government of a state and one or more internal opposition group(s) with intervention from other states (secondary parties) on one or both sides.



Min. Year:2014 Max. Year: 2019  
N: 105



Min. Year:1946 Max. Year: 2019  
N: 142 n: 1494  $\bar{N}$ : 20  $\bar{T}$ : 11

### 4.97 Pemstein, Meserve and Melton

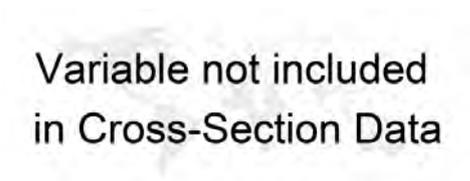
<http://www.unified-democracy-scores.org/uds.html>  
(Pemstein et al., 2010)  
(Data downloaded: 2019-07-31)

#### Unified Democracy Scores

The Unified Democracy Scores (UDS) now covers the time period 1946-2012. These new scores incorporate recent updates to three of the ten original measures - Freedom House (2014), Polity IV (Marshall et al. 2012), and VanHanan (2012) - that feature in the analysis that the authors report in their 2010 article. In addition, the current release adds a recently developed measure of democracy - Economist Intelligence Unit (2012) - to its framework.

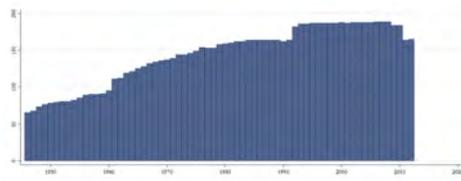
##### 4.97.1 Unified Demo. Score Posterior (Mean) (uds\_mean)

Unified Democracy Score Posterior (Mean).



Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A

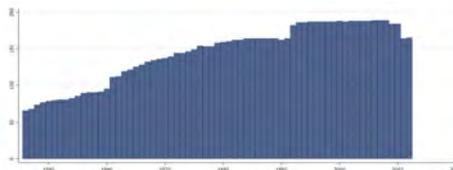


Min. Year:1946 Max. Year: 2012  
N: 207 n: 9658  $\bar{N}$ : 144  $\bar{T}$ : 47

##### 4.97.2 Unified Demo. Score Posterior (Median) (uds\_median)

Unified Democracy Score Posterior (Median).

Variable not included  
in Cross-Section Data



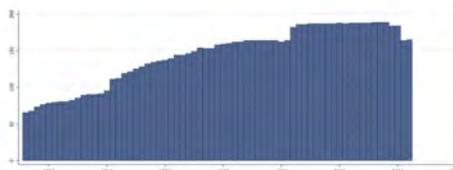
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 207 n: 9658  $\bar{N}$ : 144  $\bar{T}$ : 47

#### 4.97.3 Unified Demo. Score Posterior (2.5 percentile) (uds\_pct025)

Unified Democracy Score Posterior (2.5 percentile).

Variable not included  
in Cross-Section Data



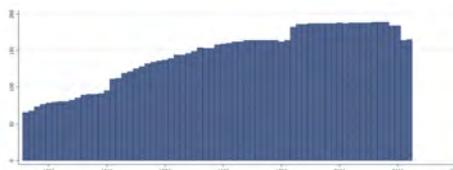
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 207 n: 9658  $\bar{N}$ : 144  $\bar{T}$ : 47

#### 4.97.4 Unified Demo. Score Posterior (97.5 percentile) (uds\_pct975)

Unified Democracy Score Posterior (97.5 percentile).

Variable not included  
in Cross-Section Data



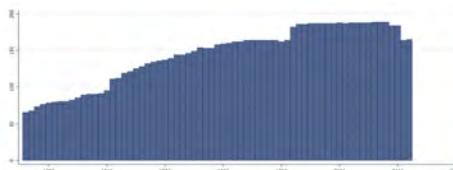
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 207 n: 9658  $\bar{N}$ : 144  $\bar{T}$ : 47

#### 4.97.5 Unified Demo. Score Posterior (Std. Dev.) (uds\_sd)

Unified Democracy Score Posterior (Std. Dev.).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2012  
N: 207 n: 9658  $\bar{N}$ : 144  $\bar{T}$ : 47

### 4.98 United Nations Development Program

<http://hdr.undp.org/en/data>

(United Nations Development Program, 2020b)

(Data downloaded: 2021-01-06)

## Human Development Report

The Human Development Report (HDR) is an annual report published by the Human Development Report Office of the United Nations Development Programme (UNDP).

The entire series of Human Development Index (HDI) values and rankings are recalculated every year using the most recent (revised) data and functional forms. The HDI rankings and values in the 2014 Human Development Report cannot therefore be compared directly to indices published in previous Reports. Please see [hdr.undp.org](http://hdr.undp.org) for more information.

The HDI was created to emphasize that people and their capabilities should be the ultimate criteria for assessing the development of a country, not economic growth alone. The HDI can also be used to question national policy choices, asking how two countries with the same level of GNI per capita can end up with different human development outcomes.

### 4.98.1 Human Development Index (undp\_hdi)

The HDI was created to emphasize that people and their capabilities should be the ultimate criteria for assessing the development of a country, not economic growth alone. The HDI can also be used to question national policy choices, asking how two countries with the same level of GNI per capita can end up with different human development outcomes. These contrasts can stimulate debate about government policy priorities.

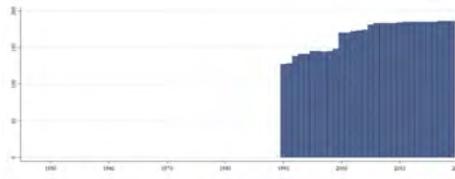
The Human Development Index (HDI) is a summary measure of average achievement in key dimensions of human development: a long and healthy life, being knowledgeable and have a decent standard of living. The HDI is the geometric mean of normalized indices for each of the three dimensions.

The health dimension is assessed by life expectancy at birth, the education dimension is measured by mean of years of schooling for adults aged 25 years and more and expected years of schooling for children of school entering age. The standard of living dimension is measured by gross national income per capita. The HDI uses the logarithm of income, to reflect the diminishing importance of income with increasing GNI. The scores for the three HDI dimension indices are then aggregated into a composite index using geometric mean. Refer to Technical notes for more details.

The HDI simplifies and captures only part of what human development entails. It does not reflect on inequalities, poverty, human security, empowerment, etc. The HDRO offers the other composite indices as broader proxy on some of the key issues of human development, inequality, gender disparity and human poverty.



Min. Year:2017 Max. Year: 2017  
N: 186



Min. Year:1990 Max. Year: 2019  
N: 188 n: 5026  $\bar{N}$ : 168  $\bar{T}$ : 27

## 4.99 UNESCO

<http://data.uis.unesco.org/>  
(UNESCO, 2020)  
(Data downloaded: 2020-11-03)

## UNESCO Institute for Statistics

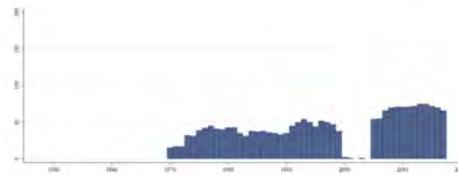
The UNESCO Institute for Statistics (UIS) is the official and trusted source of internationally-comparable data on education, science, culture and communication. As the official statistical agency of UNESCO, the UIS produces a wide range of state-of-the-art databases to fuel the policies and investments needed to transform lives and propel the world towards its development goals. The UIS provides free access to data for all UNESCO countries and regional groupings from 1970 to the most recent year available.

### 4.99.1 Cinema expenditure per capita (une\_cinexp)

Cinema expenditure per capita.



Min. Year:2014 Max. Year: 2017  
N: 79



Min. Year:1970 Max. Year: 2017  
N: 137 n: 2045  $\bar{N}$ : 43  $\bar{T}$ : 15

### 4.99.2 Gross intake ratio to the last grade of lower secondary general education, both (une\_girlglsf)

Gross intake ratio to the last grade of lower secondary general education, female (%).



Min. Year:2014 Max. Year: 2019  
N: 159



Min. Year:1970 Max. Year: 2020  
N: 185 n: 3738  $\bar{N}$ : 73  $\bar{T}$ : 20

### 4.99.3 Gross intake ratio to the last grade of lower secondary general education, female (une\_girlglsm)

Gross intake ratio to the last grade of lower secondary general education, male (%).



Min. Year:2014 Max. Year: 2020  
N: 159



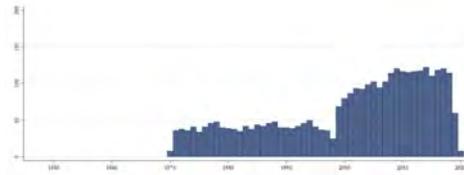
Min. Year:1970 Max. Year: 2020  
N: 184 n: 3303  $\bar{N}$ : 65  $\bar{T}$ : 18

### 4.99.4 Gross intake ratio to the last grade of lower secondary general education, male (une\_girlglst)

Gross intake ratio to the last grade of lower secondary general education, both sexes (%).



Min. Year:2014 Max. Year: 2020  
N: 159



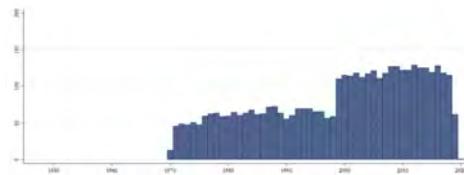
Min. Year:1970 Max. Year: 2020  
N: 184 n: 3303  $\bar{N}$ : 65  $\bar{T}$ : 18

#### 4.99.5 Gross intake ratio to the last grade of primary education, female (%) (une\_girlgpf)

Gross intake ratio to the last grade of primary education, female (%).



Min. Year:2014 Max. Year: 2019  
N: 157



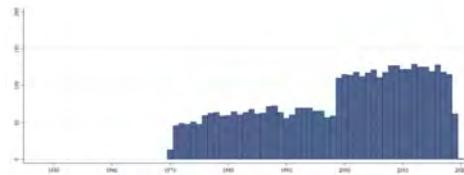
Min. Year:1970 Max. Year: 2020  
N: 185 n: 4184  $\bar{N}$ : 82  $\bar{T}$ : 23

#### 4.99.6 Gross intake ratio to the last grade of primary education, male (%) (une\_girlgpm)

Gross intake ratio to the last grade of primary education, male (%).



Min. Year:2014 Max. Year: 2019  
N: 157



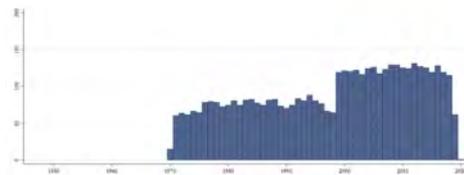
Min. Year:1970 Max. Year: 2020  
N: 185 n: 4184  $\bar{N}$ : 82  $\bar{T}$ : 23

#### 4.99.7 Gross intake ratio to the last grade of primary education, both sexes (%) (une\_girlgpt)

Gross intake ratio to the last grade of primary education, both sexes (%).



Min. Year:2014 Max. Year: 2019  
N: 157



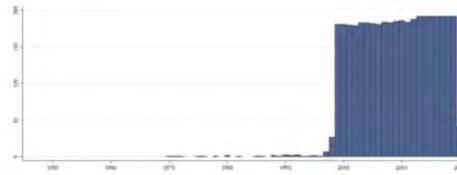
Min. Year:1970 Max. Year: 2020  
N: 186 n: 4644  $\bar{N}$ : 91  $\bar{T}$ : 25

#### 4.99.8 Official entrance age to early childhood education (years) (une\_oeece)

Official entrance age to early childhood education (years). Age at which students would enter a given programme or level of education assuming they start at the official entrance age for the lowest level of education, study full-time throughout and progressed through the system without repeating or skipping a grade. The theoretical entrance age to a given programme or level is typically, but not always, the most common entrance age.



Min. Year:2017 Max. Year: 2017  
N: 192



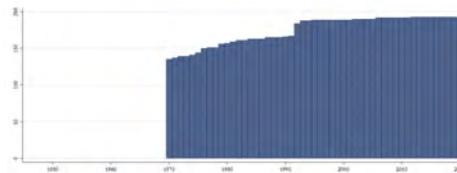
Min. Year:1970 Max. Year: 2020  
N: 193 n: 4007  $\bar{N}$ : 79  $\bar{T}$ : 21

#### 4.99.9 Official entrance age to primary education (years) (une\_oaep)

Official entrance age to primary education (years). Age at which students would enter a given programme or level of education assuming they start at the official entrance age for the lowest level of education, study full-time throughout and progressed through the system without repeating or skipping a grade. The theoretical entrance age to a given programme or level is typically, but not always, the most common entrance age.



Min. Year:2017 Max. Year: 2017  
N: 193



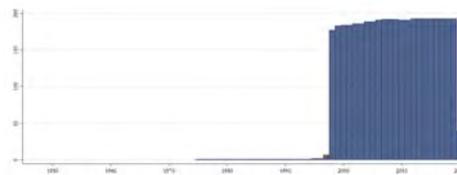
Min. Year:1970 Max. Year: 2020  
N: 200 n: 8929  $\bar{N}$ : 175  $\bar{T}$ : 45

#### 4.99.10 Official entrance age to compulsory education (years) (une\_oace)

Official entrance age to compulsory education (years). Age at which students would enter a given programme or level of education assuming they start at the official entrance age for the lowest level of education, study full-time throughout and progressed through the system without repeating or skipping a grade. The theoretical entrance age to a given programme or level is typically, but not always, the most common entrance age.



Min. Year:2017 Max. Year: 2017  
N: 193



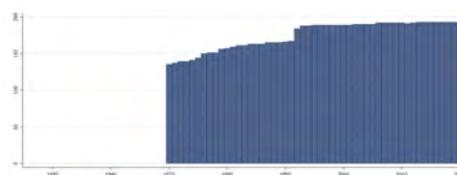
Min. Year:1975 Max. Year: 2020  
N: 194 n: 4242  $\bar{N}$ : 92  $\bar{T}$ : 22

#### 4.99.11 Official entrance age to lower secondary education (years) (une\_oals)

Official entrance age to lower secondary education (years). Age at which students would enter a given programme or level of education assuming they start at the official entrance age for the lowest level of education, study full-time throughout and progressed through the system without repeating or skipping a grade. The theoretical entrance age to a given programme or level is typically, but not always, the most common entrance age.



Min. Year:2017 Max. Year: 2017  
N: 193



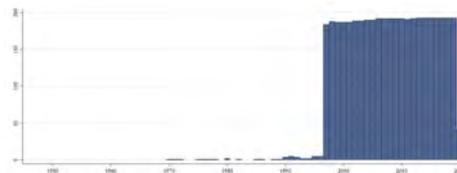
Min. Year:1970 Max. Year: 2020  
N: 200 n: 8927  $\bar{N}$ : 175  $\bar{T}$ : 45

**4.99.12 Official entrance age to post-secondary non-tertiary education (years) (une\_oepsnt)**

Official entrance age to post-secondary non-tertiary education (years). Age at which students would enter a given programme or level of education assuming they start at the official entrance age for the lowest level of education, study full-time throughout and progressed through the system without repeating or skipping a grade. The theoretical entrance age to a given programme or level is typically, but not always, the most common entrance age.



Min. Year:2017 Max. Year: 2017  
N: 193



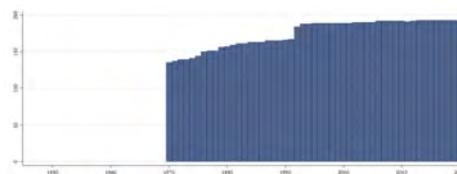
Min. Year:1970 Max. Year: 2020  
N: 194 n: 4468  $\bar{N}$ : 88  $\bar{T}$ : 23

**4.99.13 Official entrance age to upper secondary education (years) (une\_oeaus)**

Official entrance age to upper secondary education (years). Age at which students would enter a given programme or level of education assuming they start at the official entrance age for the lowest level of education, study full-time throughout and progressed through the system without repeating or skipping a grade. The theoretical entrance age to a given programme or level is typically, but not always, the most common entrance age.



Min. Year:2017 Max. Year: 2017  
N: 193



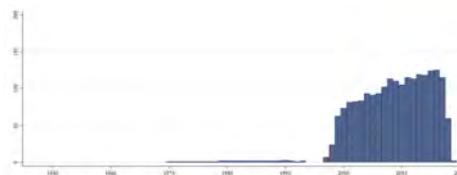
Min. Year:1970 Max. Year: 2020  
N: 200 n: 8927  $\bar{N}$ : 175  $\bar{T}$ : 45

**4.99.14 Repetition rate in lower secondary general education (all grades), female (%) (une\_reprlsef)**

Repetition rate in lower secondary general education (all grades), female (%).



Min. Year:2014 Max. Year: 2018  
N: 151



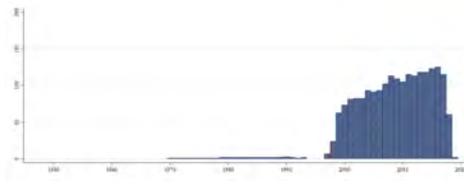
Min. Year:1970 Max. Year: 2019  
N: 180 n: 2054  $\bar{N}$ : 41  $\bar{T}$ : 11

**4.99.15 Repetition rate in lower secondary general education (all grades), male (%) (une\_reprlseem)**

Repetition rate in lower secondary general education (all grades), male (%).



Min. Year:2014 Max. Year: 2018  
N: 151



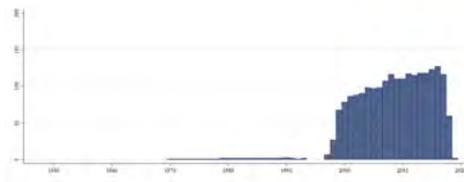
Min. Year:1970 Max. Year: 2019  
N: 179 n: 2051  $\bar{N}$ : 41  $\bar{T}$ : 11

**4.99.16 Repetition rate in lower secondary general education (all grades), both sexes (% (une\_reprlset))**

Repetition rate in lower secondary general education (all grades), both sexes (%).



Min. Year:2014 Max. Year: 2018  
N: 150



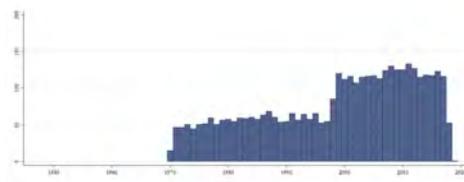
Min. Year:1970 Max. Year: 2019  
N: 181 n: 2117  $\bar{N}$ : 42  $\bar{T}$ : 12

**4.99.17 Repetition rate in primary education (all grades), female (% (une\_reprpef))**

Repetition rate in primary education (all grades), female (%).



Min. Year:2014 Max. Year: 2018  
N: 150



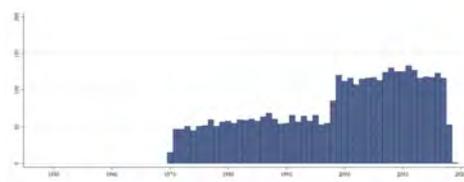
Min. Year:1970 Max. Year: 2019  
N: 191 n: 3959  $\bar{N}$ : 79  $\bar{T}$ : 21

**4.99.18 Repetition rate in primary education (all grades), male (% (une\_reprpem))**

Repetition rate in primary education (all grades), male (%).



Min. Year:2014 Max. Year: 2018  
N: 150



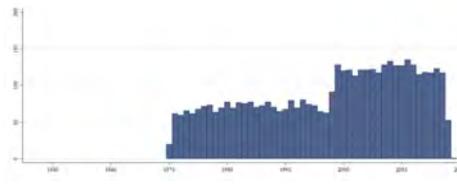
Min. Year:1970 Max. Year: 2019  
N: 191 n: 3960  $\bar{N}$ : 79  $\bar{T}$ : 21

**4.99.19 Repetition rate in primary education (all grades), both sexes (% (une\_reprpet))**

Repetition rate in primary education (all grades), both sexes (%).



Min. Year:2014 Max. Year: 2018  
N: 151



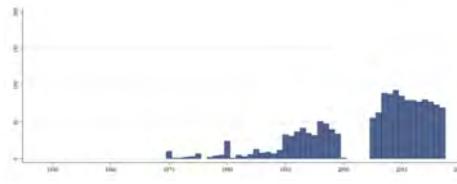
Min. Year:1970 Max. Year: 2019  
N: 191 n: 4406  $\bar{N}$ : 88  $\bar{T}$ : 23

**4.99.20 Screen per capita (per 100,000 inhabitants) (une\_screen)**

Number of cinema screen per capita (per 100,000 inhabitants).



Min. Year:2014 Max. Year: 2017  
N: 93



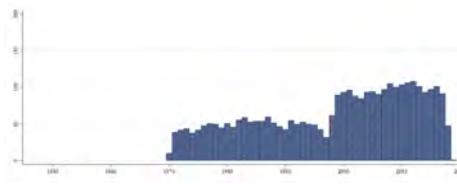
Min. Year:1970 Max. Year: 2017  
N: 144 n: 1523  $\bar{N}$ : 32  $\bar{T}$ : 11

**4.99.21 Survival rate to Grade 4 of primary education, female (%) (une\_surg4pef)**

Survival rate to Grade 4 of primary education, female (%).



Min. Year:2014 Max. Year: 2018  
N: 140



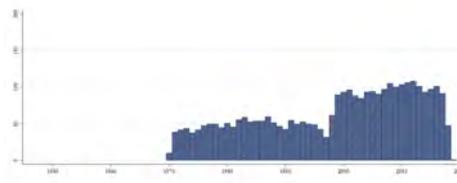
Min. Year:1970 Max. Year: 2019  
N: 187 n: 3257  $\bar{N}$ : 65  $\bar{T}$ : 17

**4.99.22 Survival rate to Grade 4 of primary education, gender parity index (GPI) (une\_surg4pegpi)**

Survival rate to Grade 4 of primary education, gender parity index (GPI).



Min. Year:2014 Max. Year: 2018  
N: 140



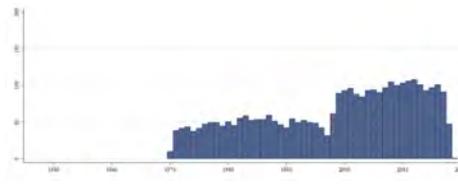
Min. Year:1970 Max. Year: 2019  
N: 187 n: 3256  $\bar{N}$ : 65  $\bar{T}$ : 17

**4.99.23 Survival rate to Grade 4 of primary education, male (%) (une\_surg4pem)**

Survival rate to Grade 4 of primary education, male (%).



Min. Year:2014 Max. Year: 2018  
N: 140



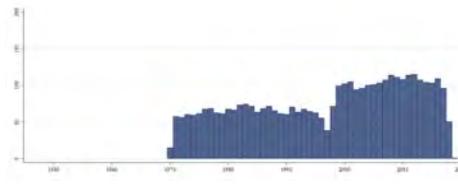
Min. Year:1970 Max. Year: 2019  
N: 187 n: 3256  $\bar{N}$ : 65  $\bar{T}$ : 17

**4.99.24 Survival rate to Grade 4 of primary education, both sexes (%) (une\_surg4pet)**

Survival rate to Grade 4 of primary education, both sexes (%).



Min. Year:2014 Max. Year: 2018  
N: 145



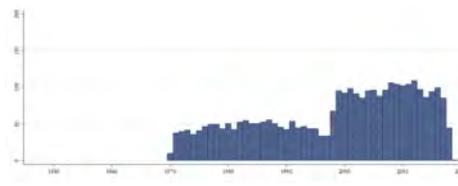
Min. Year:1970 Max. Year: 2019  
N: 187 n: 3863  $\bar{N}$ : 77  $\bar{T}$ : 21

**4.99.25 Survival rate to Grade 5 of primary education, female (%) (une\_surg5pef)**

Survival rate to Grade 5 of primary education, female (%).



Min. Year:2014 Max. Year: 2019  
N: 137



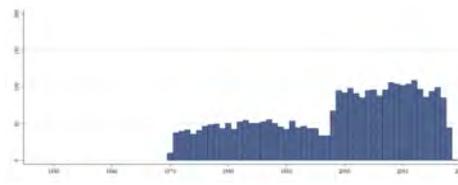
Min. Year:1970 Max. Year: 2019  
N: 187 n: 3192  $\bar{N}$ : 64  $\bar{T}$ : 17

**4.99.26 Survival rate to Grade 5 of primary education, gender parity index (GPI) (une\_surg5pegpi)**

Survival rate to Grade 5 of primary education, gender parity index (GPI).



Min. Year:2014 Max. Year: 2019  
N: 137



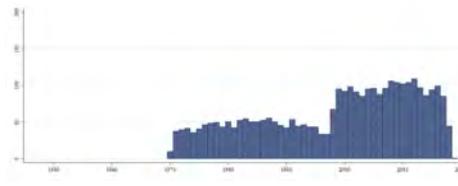
Min. Year:1970 Max. Year: 2019  
N: 187 n: 3191  $\bar{N}$ : 64  $\bar{T}$ : 17

**4.99.27 Survival rate to Grade 5 of primary education, male (%) (une\_surg5pem)**

Survival rate to Grade 5 of primary education, male (%).



Min. Year:2014 Max. Year: 2019  
N: 137



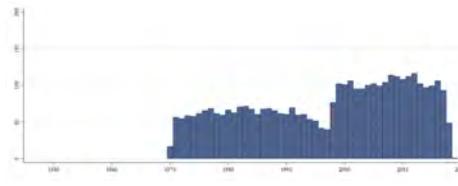
Min. Year:1970 Max. Year: 2019  
N: 187 n: 3191  $\bar{N}$ : 64  $\bar{T}$ : 17

**4.99.28 Survival rate to Grade 5 of primary education, both sexes (%) (une\_surg5pet)**

Survival rate to Grade 5 of primary education, both sexes (%).



Min. Year:2014 Max. Year: 2019  
N: 140



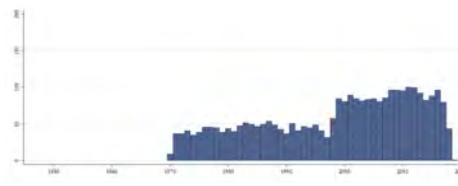
Min. Year:1970 Max. Year: 2019  
N: 188 n: 3762  $\bar{N}$ : 75  $\bar{T}$ : 20

**4.99.29 Survival rate to the last grade of primary education, female (%) (une\_surlgpef)**

Survival rate to the last grade of primary education, female (%).



Min. Year:2014 Max. Year: 2019  
N: 129



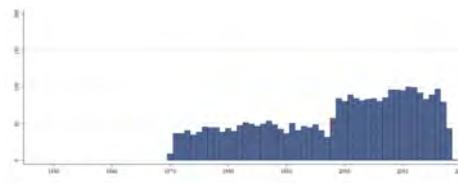
Min. Year:1970 Max. Year: 2019  
N: 183 n: 2980  $\bar{N}$ : 60  $\bar{T}$ : 16

**4.99.30 Survival rate to the last grade of primary education, gender parity index (GPI) (une\_surlgpegpi)**

Survival rate to the last grade of primary education, gender parity index (GPI).



Min. Year:2014 Max. Year: 2019  
N: 130



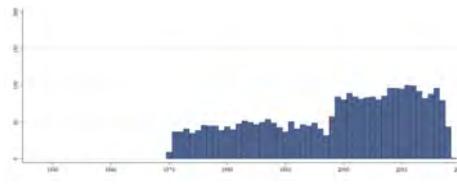
Min. Year:1970 Max. Year: 2019  
N: 183 n: 2982  $\bar{N}$ : 60  $\bar{T}$ : 16

**4.99.31 Survival rate to the last grade of primary education, male (%) (une\_surlgpem)**

Survival rate to the last grade of primary education, male (%).



Min. Year:2014 Max. Year: 2019  
N: 129



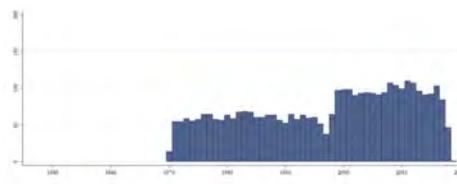
Min. Year:1970 Max. Year: 2019  
N: 183 n: 2979  $\bar{N}$ : 60  $\bar{T}$ : 16

#### 4.99.32 Survival rate to the last grade of primary education, both sexes (%) (une\_surlgpet)

Survival rate to the last grade of primary education, both sexes (%).



Min. Year:2014 Max. Year: 2019  
N: 131



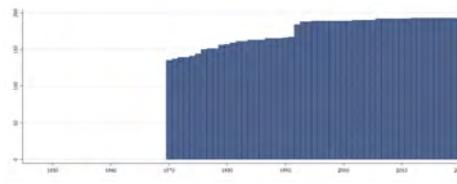
Min. Year:1970 Max. Year: 2019  
N: 185 n: 3583  $\bar{N}$ : 72  $\bar{T}$ : 19

#### 4.99.33 Theoretical duration of primary education (years) (une\_tdurce)

Theoretical duration of primary education (years). Number of grades or years in a given level of education.



Min. Year:2017 Max. Year: 2017  
N: 193



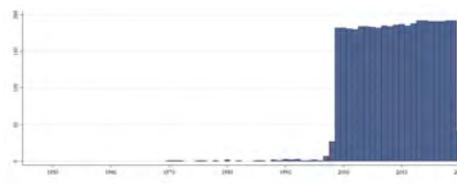
Min. Year:1970 Max. Year: 2020  
N: 200 n: 8929  $\bar{N}$ : 175  $\bar{T}$ : 45

#### 4.99.34 Theoretical duration of early childhood education (years) (une\_tdurece)

Theoretical duration of early childhood education (years). Number of grades or years in a given level of education.



Min. Year:2017 Max. Year: 2018  
N: 192



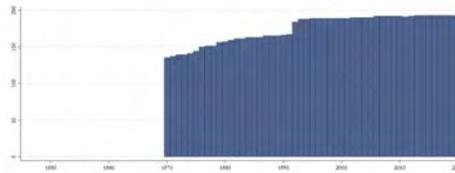
Min. Year:1970 Max. Year: 2020  
N: 193 n: 4017  $\bar{N}$ : 79  $\bar{T}$ : 21

#### 4.99.35 Theoretical duration of lower secondary education (years) (une\_tdurls)

Theoretical duration of lower secondary education (years). Number of grades or years in a given level of education.



Min. Year:2017 Max. Year: 2017  
N: 193



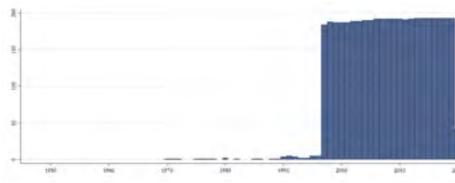
Min. Year:1970 Max. Year: 2020  
N: 200 n: 8927  $\bar{N}$ : 175  $\bar{T}$ : 45

#### 4.99.36 Theoretical duration of post-secondary non-tertiary education (years) (une\_tdurpsnt)

Theoretical duration of post-secondary non-tertiary education (years). Number of grades or years in a given level of education.



Min. Year:2017 Max. Year: 2017  
N: 193



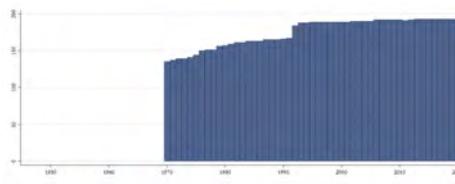
Min. Year:1970 Max. Year: 2020  
N: 194 n: 4468  $\bar{N}$ : 88  $\bar{T}$ : 23

#### 4.99.37 Theoretical duration of upper secondary education (years) (une\_tdurused)

Theoretical duration of upper secondary education (years). Number of grades or years in a given level of education.



Min. Year:2017 Max. Year: 2017  
N: 193



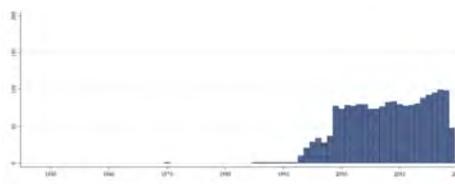
Min. Year:1970 Max. Year: 2020  
N: 200 n: 8927  $\bar{N}$ : 175  $\bar{T}$ : 45

#### 4.99.38 Teachers in lower secondary education, female (number) (une\_tilsef)

Teachers in lower secondary education, female (number).



Min. Year:2014 Max. Year: 2019  
N: 133



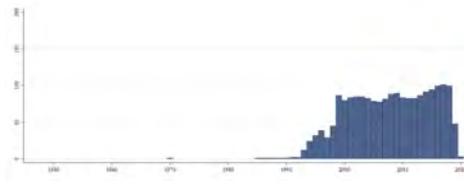
Min. Year:1970 Max. Year: 2020  
N: 171 n: 1870  $\bar{N}$ : 37  $\bar{T}$ : 11

#### 4.99.39 Teachers in lower secondary education, both sexes (number) (une\_tilset)

Teachers in lower secondary education, both sexes (number).



Min. Year:2014 Max. Year: 2019  
N: 134



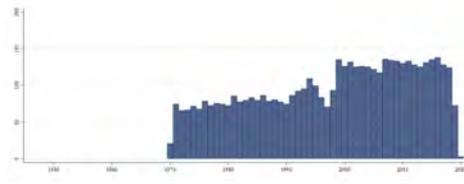
Min. Year:1970 Max. Year: 2020  
N: 173 n: 1984  $\bar{N}$ : 39  $\bar{T}$ : 11

#### 4.99.40 Teachers in primary education, female (number) (une\_tipef)

Teachers in primary education, female (number).



Min. Year:2015 Max. Year: 2019  
N: 164



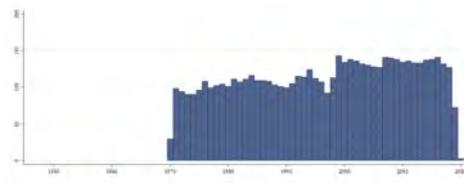
Min. Year:1970 Max. Year: 2020  
N: 195 n: 4942  $\bar{N}$ : 97  $\bar{T}$ : 25

#### 4.99.41 Teachers in primary education, both sexes (number) (une\_tipet)

Teachers in primary education, both sexes (number).



Min. Year:2015 Max. Year: 2019  
N: 166



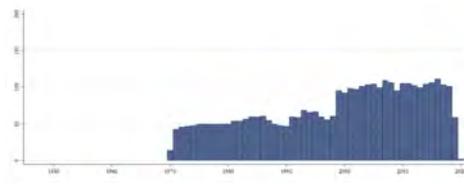
Min. Year:1970 Max. Year: 2020  
N: 195 n: 5742  $\bar{N}$ : 113  $\bar{T}$ : 29

#### 4.99.42 Teachers in pre-primary education, female (number) (une\_tiprepf)

Teachers in pre-primary education, female (number).



Min. Year:2014 Max. Year: 2019  
N: 145



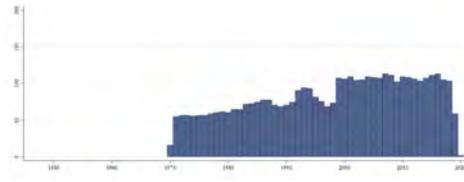
Min. Year:1970 Max. Year: 2020  
N: 187 n: 3638  $\bar{N}$ : 71  $\bar{T}$ : 19

#### 4.99.43 Teachers in pre-primary education, both sexes (number) (une\_tiprepet)

Teachers in pre-primary education, both sexes (number).



Min. Year:2014 Max. Year: 2019  
N: 147



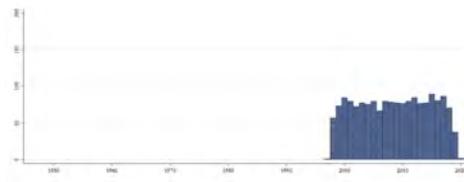
Min. Year:1970 Max. Year: 2020  
N: 189 n: 4175  $\bar{N}$ : 82  $\bar{T}$ : 22

**4.99.44 Teachers in post-secondary non-tertiary education, female (number) (une\_tipsntf)**

Teachers in post-secondary non-tertiary education, female (number).



Min. Year:2014 Max. Year: 2020  
N: 121



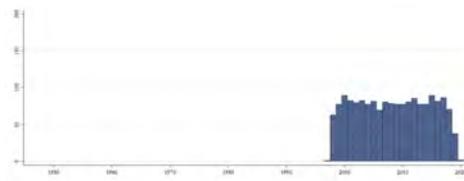
Min. Year:1997 Max. Year: 2020  
N: 167 n: 1673  $\bar{N}$ : 70  $\bar{T}$ : 10

**4.99.45 Teachers in post-secondary non-tertiary education, both sexes (number) (une\_tipsntt)**

Teachers in post-secondary non-tertiary education, both sexes (number).



Min. Year:2014 Max. Year: 2020  
N: 121



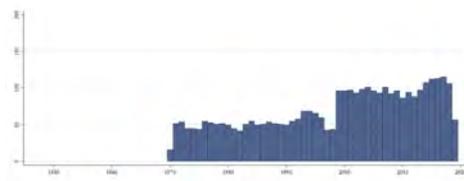
Min. Year:1997 Max. Year: 2020  
N: 167 n: 1715  $\bar{N}$ : 71  $\bar{T}$ : 10

**4.99.46 Teachers in secondary education, female (number) (une\_tisef)**

Teachers in secondary education, female (number).



Min. Year:2014 Max. Year: 2019  
N: 149



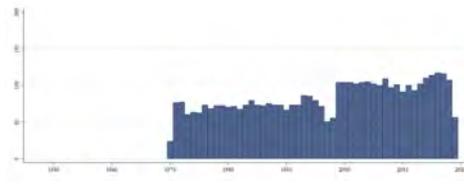
Min. Year:1970 Max. Year: 2019  
N: 193 n: 3517  $\bar{N}$ : 70  $\bar{T}$ : 18

**4.99.47 Teachers in secondary education, both sexes (number) (une\_tiset)**

Teachers in secondary education, both sexes (number).



Min. Year:2014 Max. Year: 2019  
N: 150



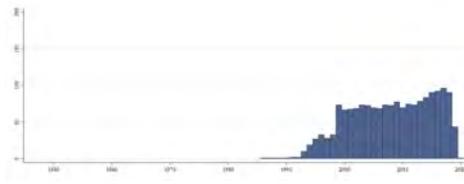
Min. Year:1970 Max. Year: 2019  
N: 194 n: 4178  $\bar{N}$ : 84  $\bar{T}$ : 22

#### 4.99.48 Teachers in upper secondary education, female (number) (une\_tiuusef)

Teachers in upper secondary education, female (number).



Min. Year:2014 Max. Year: 2019  
N: 129



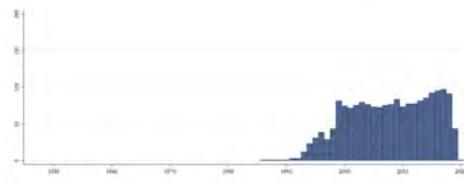
Min. Year:1986 Max. Year: 2020  
N: 174 n: 1743  $\bar{N}$ : 50  $\bar{T}$ : 10

#### 4.99.49 Teachers in upper secondary education, both sexes (number) (une\_tiuuset)

Teachers in upper secondary education, both sexes (number).



Min. Year:2014 Max. Year: 2019  
N: 130



Min. Year:1986 Max. Year: 2020  
N: 175 n: 1853  $\bar{N}$ : 53  $\bar{T}$ : 11

### 4.100 Tatu Vanhanen

[https://services.fsd.tuni.fi/catalogue/FSD1289?lang=en&study\\_language=en](https://services.fsd.tuni.fi/catalogue/FSD1289?lang=en&study_language=en)  
(Vanhanen, 2019) (Finnish Social Science Data Archive [producer and distributor], 2019)  
(Data downloaded: 2020-10-05)

#### Measures of Democracy 1810-2018

The data contain three different variables, created by Tatu Vanhanen. The variables in question are political competition, political participation and the index of democratization.

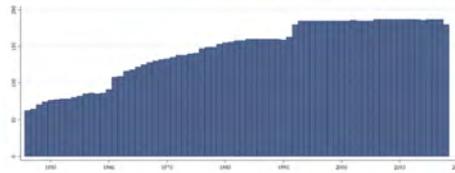
##### 4.100.1 Competition (van\_comp)

The competition variable portrays the electoral success of smaller parties, that is, the percentage of votes gained by the smaller parties in parliamentary and/or presidential elections. The variable is calculated by subtracting from 100 the percentage of votes won by the largest party (the party which wins most votes) in parliamentary elections or by the party of the successful candidate in presidential elections. Depending on their importance, either parliamentary or presidential elections are used in the calculation of the variable, or both elections are used, with weights. If information on the distribution of votes is not available, or if the distribution does not portray the reality accurately, the distribution of parliamentary seats is used instead. If parliament members are elected but political

parties are not allowed to take part in elections, it is assumed that one party has taken all votes or seats. In countries where parties are not banned but yet only independent candidates participate in elections, it is assumed that the share of the largest party is not over 30 percent.



Min. Year:2017 Max. Year: 2017  
N: 187



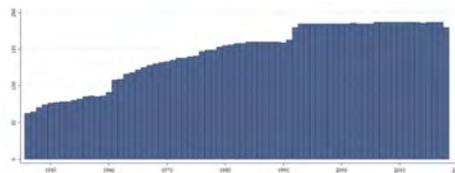
Min. Year:1946 Max. Year: 2018  
N: 200 n: 10617  $\bar{N}$ : 145  $\bar{T}$ : 53

#### 4.100.2 Index of Democratization (van\_index)

The index of democratization is formed by multiplying the competition and the participation variables and then dividing the outcome by 100.



Min. Year:2017 Max. Year: 2017  
N: 187



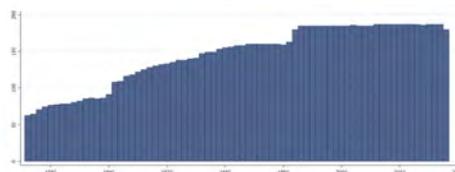
Min. Year:1946 Max. Year: 2018  
N: 200 n: 10617  $\bar{N}$ : 145  $\bar{T}$ : 53

#### 4.100.3 Participation (van\_part)

The political participation variable portrays the voting turnout in each election, and is calculated as the percentage of the total population who actually voted in the election. In the case of indirect elections, only votes cast in the final election are taken into account. If electors have not been elected by citizens, only the number of actual electors is taken into account, which means that the degree of participation drops to the value 0. If an election to choose electors has been held, the participation variable is calculated from the number and distribution of votes in that election. National referendums raise the variable value by five percent and state (regional) referendums by one percent for the year they are held. Referendums can add the degree of participation at maximum by 30 percent a year. The value of the combined degree of participation cannot be higher than 70 percent, even in cases where the sum of participation and referendums would be higher than 70.



Min. Year:2017 Max. Year: 2017  
N: 187



Min. Year:1946 Max. Year: 2018  
N: 200 n: 10617  $\bar{N}$ : 145  $\bar{T}$ : 53

### 4.101 Varieties of Democracy

<https://v-dem.net/en/data/>  
(Coppedge et al., 2020) (Pemstein et al., 2019)  
(Data downloaded: 2020-06-10)

## Varieties of Democracy Dataset version 10

Varieties of Democracy (V-Dem) is a new approach to conceptualizing and measuring democracy. It provides a multidimensional and disaggregated dataset that reflects the complexity of the concept of democracy as a system of rule that goes beyond the simple presence of elections. The V-Dem project distinguishes between five high-level principles of democracy: electoral, liberal, participatory, deliberative, and egalitarian, and collects data to measure these principles.

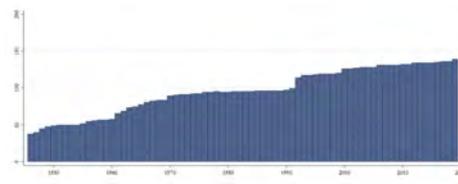
### 4.101.1 Academic Freedom Index (`vdem_academ`)

Academic freedom index. To what extent is academic freedom respected?

Clarifications: Academic freedom is understood as the right of academics, without constriction by prescribed doctrine, to freedom of teaching and discussion, freedom in carrying out research and disseminating and publishing the results thereof, freedom to express freely their opinion about the institution or system in which they work, freedom from institutional censorship and freedom to participate in professional or representative academic bodies (UNESCO 1997 Recommendation concerning the Status of Higher-Education Teaching Personnel). The Academic Freedom Index is designed to provide an aggregated measure that captures the de facto realization of academic freedom, including the degree to which higher-education institutions are autonomous. Aggregation: The index is formed by point estimates drawn from a Bayesian factor analysis model including the following indicators: freedom to research and teach, freedom of academic exchange and dissemination, institutional autonomy, campus integrity, freedom of academic and cultural expression.



Min. Year:2017 Max. Year: 2019  
N: 139



Min. Year:1946 Max. Year: 2019  
N: 144 n: 7097  $\bar{N}$ : 96  $\bar{T}$ : 49

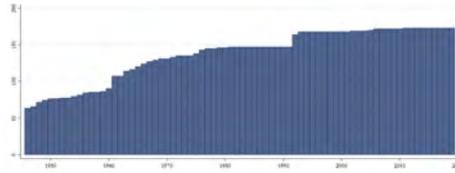
### 4.101.2 Political corruption index (`vdem_corr`)

Political corruption. Question: How pervasive is political corruption?

Clarification: The directionality of the V-Dem corruption index runs from less corrupt to more corrupt (unlike the other V-Dem variables that generally run from less democratic to more democratic situation). The corruption index includes measures of six distinct types of corruption that cover both different areas and levels of the polity realm, distinguishing between executive, legislative and judicial corruption. Within the executive realm, the measures also distinguish between corruption mostly pertaining to bribery and corruption due to embezzlement. Finally, they differentiate between corruption in the highest echelons of the executive (at the level of the rulers/cabinet) on the one hand, and in the public sector at large on the other. The measures thus tap into several distinguished types of corruption: both 'petty' and 'grand'; both bribery and theft; both corruption aimed and influencing law making and that affecting implementation. Aggregation: The index is arrived at by taking the average of (a) public sector corruption index; (b) executive corruption index; (c) the indicator for legislative corruption; and (d) the indicator for judicial corruption. In other words, these four different government spheres are weighted equally in the resulting index. V-Dem replace missing values for countries with no legislature by only taking the average of (a), (b) and (d).



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10177  $\bar{N}$ : 138  $\bar{T}$ : 55

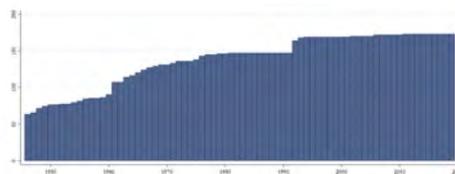
#### 4.101.3 Deliberative democracy index (vdem\_delibdem)

Deliberative democracy index. Question: To what extent is the ideal of deliberative democracy achieved?

Clarification: The deliberative principle of democracy focuses on the process by which decisions are reached in a polity. A deliberative process is one in which public reasoning focused on the common good motivates political decisions - as contrasted with emotional appeals, solidary attachments, parochial interests, or coercion. According to this principle, democracy requires more than an aggregation of existing preferences. There should also be respectful dialogue at all levels - from preference formation to final decision - among informed and competent participants who are open to persuasion. To make it a measure of not only the deliberative principle but also of democracy, the index also takes the level of electoral democracy into account.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10191  $\bar{N}$ : 138  $\bar{T}$ : 55

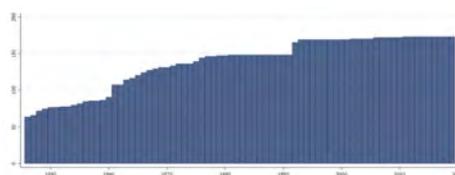
#### 4.101.4 Deliberative component index (vdem\_dl\_delib)

Deliberative component index. Question: To what extent is the deliberative principle of democracy achieved?

Clarification: The deliberative principle of democracy focuses on the process by which decisions are reached in a polity. A deliberative process is one in which public reasoning focused on the common good motivates political decisions - as contrasted with emotional appeals, solidary attachments, parochial interests, or coercion. According to this principle, democracy requires more than an aggregation of existing preferences. There should also be respectful dialogue at all levels - from preference formation to final decision - among informed and competent participants who are open to persuasion. To measure these features of a polity we try to determine the extent to which political elites give public justifications for their positions on matters of public policy, justify their positions in terms of the public good, acknowledge and respect counter-arguments; and how wide the range of consultation is at elite levels. Aggregation: The index is formed by point estimates drawn from a Bayesian factor analysis model including the following indicators: reasoned justification, common good justification, respect for counterarguments, range of consultation, and engaged society.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

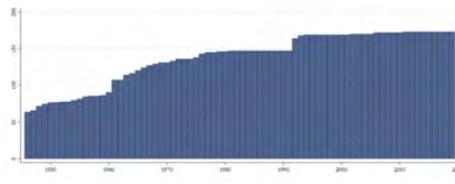
#### 4.101.5 Electoral component index (vdem\_edcomp\_thick)

Electoral component index. Question: To what extent is the electoral principle of democracy achieved?

Clarifications: The electoral principle of democracy seeks to achieve responsiveness and accountability between leaders and citizens through the mechanism of competitive elections. This is presumed to be achieved when suffrage is extensive; political and civil society organizations can operate freely; elections are clean and not marred by fraud or systematic irregularities; and the chief executive of a country is selected directly or indirectly through elections. Aggregation: The electoral component index is operationalized as a chain defined by its weakest link of freedom of association, suffrage, clean elections, and elected executive.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10191  $\bar{N}$ : 138  $\bar{T}$ : 55

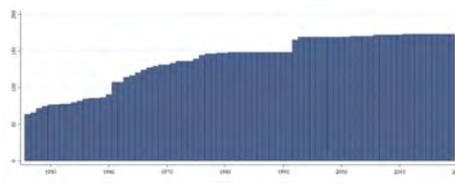
#### 4.101.6 Egalitarian component index (vdem\_egal)

Egalitarian component index. Question: To what extent is the egalitarian principle achieved?

Clarifications: The egalitarian principle of democracy holds that material and immaterial inequalities inhibit the exercise of formal rights and liberties, and diminish the ability of citizens from all social groups to participate. Egalitarian democracy is achieved when 1) rights and freedoms of individuals are protected equally across all social groups; 2) resources are distributed equally across all social groups; and 3) access to power is equally distributed by gender, socioeconomic class and social group. Aggregation: This index is formed by averaging the following indices: equal protection index and equal distribution of resources.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

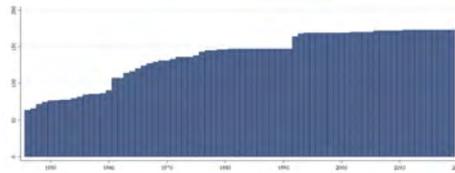
#### 4.101.7 Egalitarian democracy index (vdem\_egalDEM)

Egalitarian democracy index. Question: To what extent is the ideal of egalitarian democracy achieved?

Clarifications: The egalitarian principle of democracy holds that material and immaterial inequalities inhibit the exercise of formal rights and liberties, and diminish the ability of citizens from all social groups to participate. Egalitarian democracy is achieved when 1) rights and freedoms of individuals are protected equally across all social groups; and 2) resources are distributed equally across all social groups. The distribution of resources must be sufficient to ensure that citizens' basic needs are met in a way that enables their meaningful participation. Additionally, an equal distribution of resources ensures the potential for greater equality in the distribution of power. To make it a measure of egalitarian democracy, the index also takes the level of electoral democracy into account.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10191  $\bar{N}$ : 138  $\bar{T}$ : 55

#### 4.101.8 Election vote buying (vdem\_elvotbuy)

Election vote buying. Question: In this national election, was there evidence of vote and/or turnout buying?

Clarification: Vote and turnout buying refers to the distribution of money or gifts to individuals, families, or small groups in order to influence their decision to vote/not vote or whom to vote for. It does not include legislation targeted at specific constituencies, i.e., "porkbarrel" legislation. V-Dem uses a specifically designed measurement model to provide country-year point estimates, aggregated from multiple codings submitted by country experts by taking disagreement and measurement error into account. In this version of the variable, used in the QoG dataset, V-Dem has linearly translated the measurement model point estimates back to the original ordinal scale of each variable as an interval measure.



Min. Year:2014 Max. Year: 2019  
N: 167



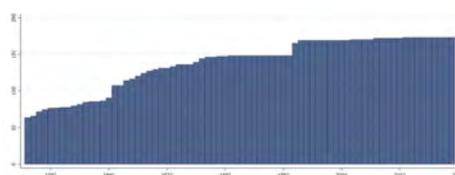
Min. Year:1946 Max. Year: 2019  
N: 180 n: 2664  $\bar{N}$ : 36  $\bar{T}$ : 15

#### 4.101.9 Executive bribery and corrupt exchanges (vdem\_exbribe)

Executive bribery and corrupt exchanges. Question: How routinely do members of the executive (the head of state, the head of government, and cabinet ministers), or their agents, grant favors in exchange for bribes, kickbacks, or other material inducements? V-Dem uses a specifically designed measurement model to provide country-year point estimates, aggregated from multiple codings submitted by country experts by taking disagreement and measurement error into account. In this version of the variable, used in the QoG dataset, V-Dem has linearly translated the measurement model point estimates back to the original ordinal scale of each variable as an interval measure.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

#### 4.101.10 Public sector corrupt exchanges (vdem\_excrptps)

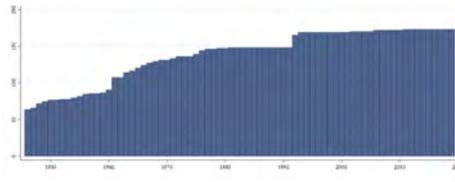
Public sector corrupt exchanges. Question: How routinely do public sector employees grant favors in exchange for bribes, kickbacks, or other material inducements?

Clarification: When responding to this question, we would like to you think about a typical person employed by the public sector, excluding the military. If you think there are large discrepancies between branches of the public sector, between the national/federal and subnational/state level, or

between the core bureaucracy and employees working with public service delivery, please try to average them out before stating your response. V-Dem uses a specifically designed measurement model to provide country-year point estimates, aggregated from multiple codings submitted by country experts by taking disagreement and measurement error into account. In this version of the variable, used in the QoG dataset, V-Dem has linearly translated the measurement model point estimates back to the original ordinal scale of each variable as an interval measure.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

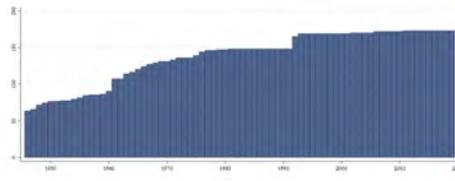
#### 4.101.11 Executive corruption index (vdem\_execorr)

Executive corruption index. Question: How routinely do members of the executive, or their agents grant favors in exchange for bribes, kickbacks, or other material inducements, and how often do they steal, embezzle, or misappropriate public funds or other state resources for personal or family use?

Clarification: The directionality of the V-Dem corruption index runs from less corrupt to more corrupt (unlike the other V-Dem variables that generally run from less democratic to more democratic situation). Aggregation: The index is formed by taking the average of the point estimates from a Bayesian factor analysis model of the indicators for executive bribery and executive embezzlement.



Min. Year:2017 Max. Year: 2017  
N: 173



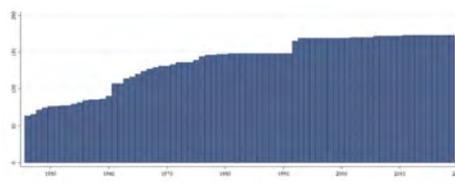
Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

#### 4.101.12 Executive embezzlement and theft (vdem\_exembezt)

Executive embezzlement and theft. Question: How often do members of the executive (the head of state, the head of government, and cabinet ministers), or their agents, steal, embezzle, or misappropriate public funds or other state resources for personal or family use? V-Dem uses a specifically designed measurement model to provide country-year point estimates, aggregated from multiple codings submitted by country experts by taking disagreement and measurement error into account. In this version of the variable, used in the QoG dataset, V-Dem has linearly translated the measurement model point estimates back to the original ordinal scale of each variable as an interval measure.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

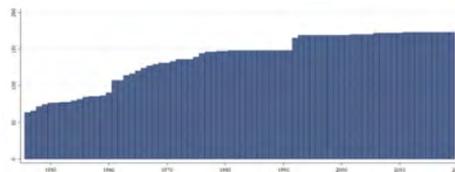
#### 4.101.13 Public sector theft (vdem\_exthftps)

Public sector theft. Question: How often do public sector employees steal, embezzle, or misappropriate public funds or other state resources for personal or family use?

Clarification: When responding to this question, we would like to you think about a typical person employed by the public sector, excluding the military. If you think there are large discrepancies between branches of the public sector, between the national/federal and subnational/state level, or between the core bureaucracy and employees working with public service delivery, please try to average them out before stating your response. Scale: ordinal, converted to interval by the measurement model.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

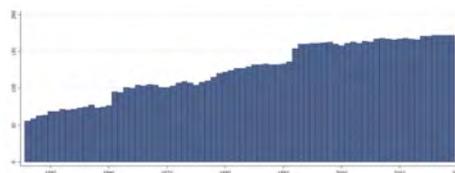
#### 4.101.14 Legislature corrupt activities (vdem\_gcorrpt)

Legislature corrupt activities. Do members of the legislature abuse their position for financial gain?

Clarification: This includes any of the following: (a) accepting bribes, (b) helping to obtain government contracts for firms that the legislator (or his/her family/friends/political supporters) own, (c) doing favors for firms in exchange for the opportunity of employment after leaving the legislature, (d) stealing money from the state or from campaign donations for personal use. V-Dem uses a specifically designed measurement model to provide country-year point estimates, aggregated from multiple codings submitted by country experts by taking disagreement and measurement error into account. In this version of the variable, used in the QoG dataset, V-Dem has linearly translated the measurement model point estimates back to the original ordinal scale of each variable as an interval measure.



Min. Year:2017 Max. Year: 2017  
N: 172



Min. Year:1946 Max. Year: 2019  
N: 184 n: 9215  $\bar{N}$ : 125  $\bar{T}$ : 50

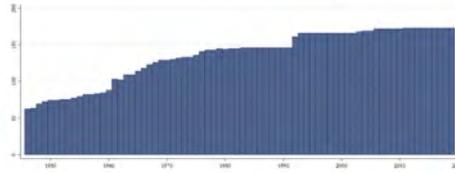
#### 4.101.15 Women political empowerment index (vdem\_gender)

Women political empowerment index. Question: How politically empowered are women?

Clarifications: Women's political empowerment is defined as a process of increasing capacity for women, leading to greater choice, agency, and participation in societal decision-making. It is understood to incorporate three equally-weighted dimensions: fundamental civil liberties, women's open discussion of political issues and participation in civil society organizations, and the descriptive representation of women in formal political positions. Aggregation: The index is formed by taking the average of women's civil liberties index, women's civil society participation index, and women's political participation index.



Min. Year:2017 Max. Year: 2017  
N: 173



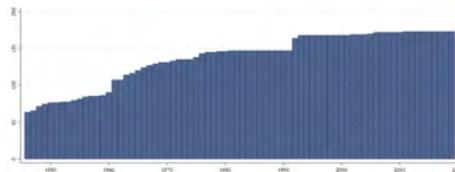
Min. Year:1946 Max. Year: 2019  
N: 184 n: 10043  $\bar{N}$ : 136  $\bar{T}$ : 55

#### 4.101.16 Judicial corruption decision (vdem\_jucorrdc)

Judicial corruption decision. Question: How often do individuals or businesses make undocumented extra payments or bribes in order to speed up or delay the process or to obtain a favorable judicial decision? V-Dem uses a specifically designed measurement model to provide country-year point estimates, aggregated from multiple codings submitted by country experts by taking disagreement and measurement error into account. In this version of the variable, used in the QoG dataset, V-Dem has linearly translated the measurement model point estimates back to the original ordinal scale of each variable as an interval measure.



Min. Year:2017 Max. Year: 2017  
N: 173



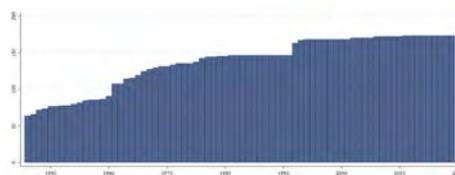
Min. Year:1946 Max. Year: 2019  
N: 184 n: 10177  $\bar{N}$ : 138  $\bar{T}$ : 55

#### 4.101.17 Liberal democracy index (vdem\_libdem)

Liberal democracy index. Question: To what extent is the ideal of liberal democracy achieved? Clarifications: The liberal principle of democracy emphasizes the importance of protecting individual and minority rights against the tyranny of the state and the tyranny of the majority. The liberal model takes a "negative" view of political power insofar as it judges the quality of democracy by the limits placed on government. This is achieved by constitutionally protected civil liberties, strong rule of law, an independent judiciary, and effective checks and balances that, together, limit the exercise of executive power. To make this a measure of liberal democracy, the index also takes the level of electoral democracy into account.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10158  $\bar{N}$ : 137  $\bar{T}$ : 55

#### 4.101.18 Liberal component index (vdem\_liberal)

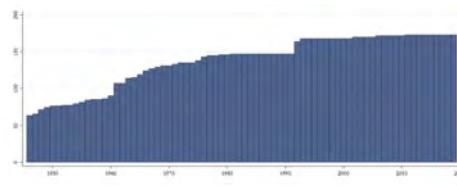
Liberal component index. Question: To what extent is the liberal principle of democracy achieved?

Clarification: The liberal principle of democracy emphasizes the importance of protecting individual and minority rights against the tyranny of the state and the tyranny of the majority. The liberal model takes a "negative" view of political power insofar as it judges the quality of democracy by the limits placed on government. This is achieved by constitutionally protected civil liberties, strong rule of law, an independent judiciary, and effective checks and balances that, together, limit the exercise of

executive power. Aggregation: This index is formed by averaging the following indices: equality before the law and individual liberties, judicial constraints on the executive, and legislative constraints on the executive.



Min. Year:2017 Max. Year: 2017  
N: 173



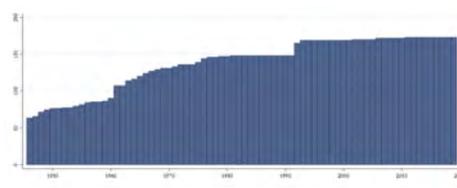
Min. Year:1946 Max. Year: 2019  
N: 184 n: 10178  $\bar{N}$ : 138  $\bar{T}$ : 55

#### 4.101.19 Media corrupt (vdem\_mecorrpt)

Media corrupt. Question: Do journalists, publishers, or broadcasters accept payments in exchange for altering news coverage? V-Dem uses a specifically designed measurement model to provide country-year point estimates, aggregated from multiple codings submitted by country experts by taking disagreement and measurement error into account. In this version of the variable, used in the QoG dataset, V-Dem has linearly translated the measurement model point estimates back to the original ordinal scale of each variable as an interval measure.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

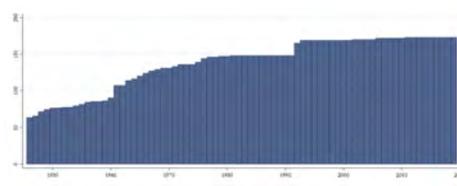
#### 4.101.20 Participatory component index (vdem\_partip)

Participatory component index. Question: To what extent is the participatory principle achieved?

Clarification: The participatory principle of democracy emphasizes active participation by citizens in all political processes, electoral and non-electoral. It is motivated by uneasiness about a bedrock practice of electoral democracy: delegating authority to representatives. Thus, direct rule by citizens is preferred, wherever practicable. This model of democracy thus takes suffrage for granted, emphasizing engagement in civil society organizations, direct democracy, and subnational elected bodies. Aggregation: This index is formed by averaging the following indices: civil society participation, direct popular vote, elected local government power, and elected regional government power.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

#### 4.101.21 Participatory democracy index (vdem\_partipdem)

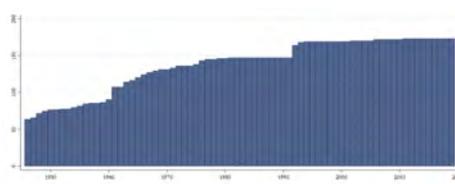
Participatory democracy index. Question: To what extent is the ideal of participatory democracy achieved?

Clarifications: The participatory principle of democracy emphasizes active participation by citizens in all political processes, electoral and non-electoral. It is motivated by uneasiness about a bedrock

practice of electoral democracy: delegating authority to representatives. Thus, direct rule by citizens is preferred, wherever practicable. This model of democracy thus takes suffrage for granted, emphasizing engagement in civil society organizations, direct democracy, and subnational elected bodies. To make it a measure of participatory democracy, the index also takes the level of electoral democracy into account.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10191  $\bar{N}$ : 138  $\bar{T}$ : 55

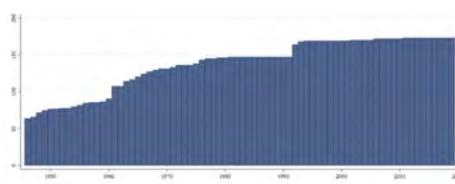
#### 4.101.22 Electoral democracy index (vdem\_polyarchy)

Electoral democracy index. Question: To what extent is the ideal of electoral democracy in its fullest sense achieved?

Clarifications: The electoral principle of democracy seeks to embody the core value of making rulers responsive to citizens, achieved through electoral competition for the electorate's approval under circumstances when suffrage is extensive; political and civil society organizations can operate freely; elections are clean and not marred by fraud or systematic irregularities; and elections affect the composition of the chief executive of the country. In between elections, there is freedom of expression and an independent media capable of presenting alternative views on matters of political relevance. In the V-Dem conceptual scheme, electoral democracy is understood as an essential element of any other conception of (representative) democracy - liberal, participatory, deliberative, egalitarian, or some other. Aggregation: The index is formed by taking the average of, on the one hand, the sum of the indices measuring freedom of association (thick), suffrage, clean elections, elected executive (de jure) and freedom of expression; and, on the other, the five-way interaction between those indices. This is half way between a straight average and strict multiplication, meaning the average of the two. It is thus a compromise between the two most well known aggregation formulas in the literature, both allowing "compensation" in one sub-component for lack of polyarchy in the others, but also punishing countries not strong in one sub-component according to the "weakest link" argument. The aggregation is done at the level of Dahl's sub-components (with the one exception of the non-electoral component).



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10191  $\bar{N}$ : 138  $\bar{T}$ : 55

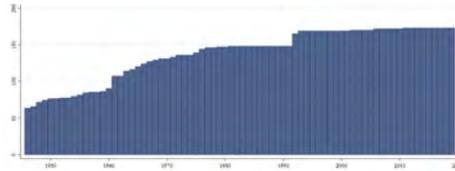
#### 4.101.23 Public sector corruption index (vdem\_pubcorr)

Public sector corruption index. Question: To what extent do public sector employees grant favors in exchange for bribes, kickbacks, or other material inducements, and how often do they steal, embezzle, or misappropriate public funds or other state resources for personal or family use?

Clarification: The directionality of the V-Dem corruption index runs from less corrupt to more corrupt (unlike the other V-Dem variables that generally run from less democratic to more democratic situation). Aggregation: The index is formed by taking the average of the point estimates from a Bayesian factor analysis model of the indicators for public sector bribery and embezzlement.



Min. Year:2017 Max. Year: 2017  
N: 173



Min. Year:1946 Max. Year: 2019  
N: 184 n: 10210  $\bar{N}$ : 138  $\bar{T}$ : 55

## 4.102 Institute for Economics & Peace

<http://www.visionofhumanity.org/#/page/indexes/terrorism-index>

(Institute for Economics and Peace, 2020b)

(Data downloaded: 2021-01-07)

### Global Terrorism Index

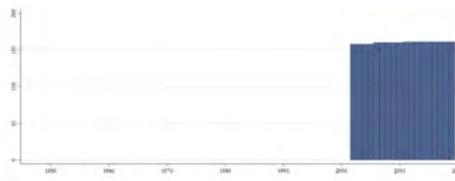
The Global Terrorism Index (GTI) is a comprehensive study which accounts for the direct and indirect impact of terrorism in 162 countries in terms of its effect on lives lost, injuries, property damage and the psychological after-effects of terrorism. This study covers 99.6 per cent of the world's population. It aggregates the most authoritative data source on terrorism today, the Global Terrorism Database (GTD) collated by the National Consortium for the Study of Terrorism and Responses to Terrorism (START) into a composite score in order to provide an ordinal ranking of nations on the negative impact of terrorism. The GTD is unique in that it consists of systematically and comprehensively coded data on domestic as well as international terrorist incidents and now includes more than 140,000 cases.

#### 4.102.1 Global Terrorism Index (voh\_gti)

Global Terrorism Index.



Min. Year:2017 Max. Year: 2017  
N: 161



Min. Year:2002 Max. Year: 2019  
N: 162 n: 2881  $\bar{N}$ : 160  $\bar{T}$ : 18

## 4.103 The World Bank Group

<https://info.worldbank.org/governance/wgi/>

(Kaufmann et al., 2010)

(Data downloaded: 2020-10-06)

### The Worldwide Governance Indicators

These indicators are based on several hundred individual variables measuring perceptions of governance, drawn from 31 separate data sources constructed by 25 different organizations. These individual measures of governance are assigned to categories capturing key dimensions of governance. An unobserved component model is used to construct six aggregate governance indicators. Point estimates of the dimensions of governance, the margins of error as well as the number of sources are presented for each country. The governance estimates are normally distributed with a mean of zero

and a standard deviation of one each year of measurement. This implies that virtually all scores lie between -2.5 and 2.5, with higher scores corresponding to better outcomes.

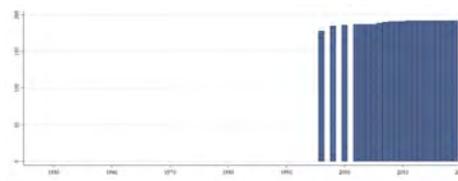
Note: Since the estimates are standardized (with a mean of zero and a standard deviation of one) each year of measurement, they are not directly suitable for over-time comparisons within countries. Kaufmann et al. (2006) however find no systematic time-trends in a selection of indicators that do allow for comparisons over time, which suggests that time-series information in the WBI scores can be used if interpreted with caution.

#### 4.103.1 Control of Corruption, Estimate (wbgi\_cce)

Control of Corruption - Estimate: “Control of Corruption” measures perceptions of corruption, conventionally defined as the exercise of public power for private gain. The particular aspect of corruption measured by the various sources differs somewhat, ranging from the frequency of “additional payments to get things done”, to the effects of corruption on the business environment, to measuring “grand corruption” in the political arena or in the tendency of elite forms to engage in “state capture”.



Min. Year:2017 Max. Year: 2017  
N: 192



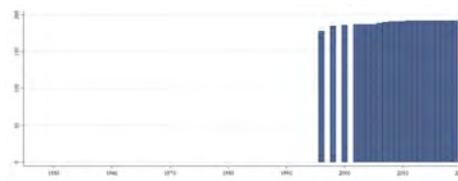
Min. Year:1996 Max. Year: 2019  
N: 193 n: 3977  $\bar{N}$ : 166  $\bar{T}$ : 21

#### 4.103.2 Control of Corruption, Number of Sources (wbgi\_ccn)

Control of Corruption - Number of Sources.



Min. Year:2017 Max. Year: 2017  
N: 192



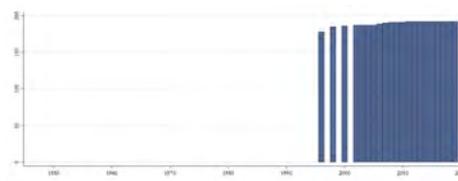
Min. Year:1996 Max. Year: 2019  
N: 193 n: 3977  $\bar{N}$ : 166  $\bar{T}$ : 21

#### 4.103.3 Control of Corruption, Standard Error (wbgi\_ccs)

Control of Corruption - Standard Errors.



Min. Year:2017 Max. Year: 2017  
N: 192



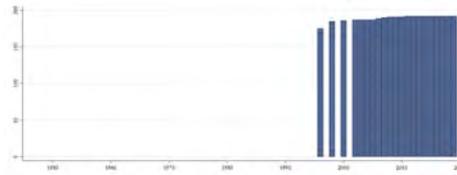
Min. Year:1996 Max. Year: 2019  
N: 193 n: 3977  $\bar{N}$ : 166  $\bar{T}$ : 21

#### 4.103.4 Government Effectiveness, Estimate (wbgi\_gee)

Government Effectiveness - Estimate: “Government Effectiveness” combines into a single grouping responses on the quality of public service provision, the quality of the bureaucracy, the competence of civil servants, the independence of the civil service from political pressures, and the credibility of the government’s commitment to policies. The main focus of this index is on “inputs” required for the government to be able to produce and implement good policies and deliver public goods.



Min. Year:2017 Max. Year: 2017  
N: 192



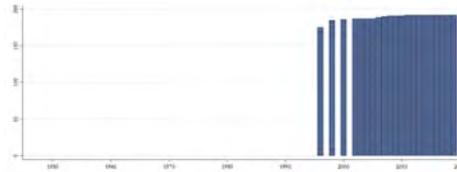
Min. Year:1996 Max. Year: 2019  
N: 193 n: 3974  $\bar{N}$ : 166  $\bar{T}$ : 21

#### 4.103.5 Government Effectiveness, Number of Sources (wbgi\_gen)

Government Effectiveness - Number of Sources.



Min. Year:2017 Max. Year: 2017  
N: 192



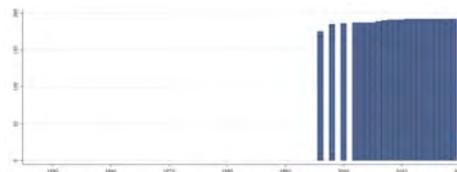
Min. Year:1996 Max. Year: 2019  
N: 193 n: 3974  $\bar{N}$ : 166  $\bar{T}$ : 21

#### 4.103.6 Government Effectiveness, Standard Error (wbgi\_ges)

Government Effectiveness - Standard Errors.



Min. Year:2017 Max. Year: 2017  
N: 192



Min. Year:1996 Max. Year: 2019  
N: 193 n: 3974  $\bar{N}$ : 166  $\bar{T}$ : 21

#### 4.103.7 Political Stability and Absence of Violence/Terrorism, Estimate (wbgi\_pve)

Political Stability and Absence of Violence- Estimate: “Political Stability and Absence of Violence/Terrorism” measures perceptions of the likelihood of political instability and/or politically-motivated violence, including terrorism.



Min. Year:2017 Max. Year: 2017  
N: 194



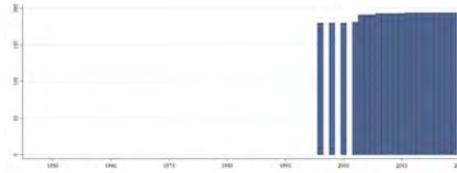
Min. Year:1996 Max. Year: 2019  
N: 195 n: 4005  $\bar{N}$ : 167  $\bar{T}$ : 21

#### 4.103.8 Political Stability and Absence of Violence/Terrorism, Number of Sources (wbgi\_pvn)

Political Stability and Absence of Violence - Number of Sources.



Min. Year:2017 Max. Year: 2017  
N: 194



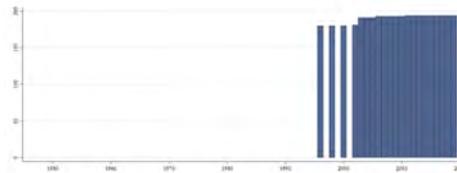
Min. Year:1996 Max. Year: 2019  
N: 195 n: 4005  $\bar{N}$ : 167  $\bar{T}$ : 21

#### 4.103.9 Political Stability and Absence of Violence/Terrorism, Standard Error (wbgi\_pvs)

Political Stability and Absence of Violence - Standard Errors.



Min. Year:2017 Max. Year: 2017  
N: 194



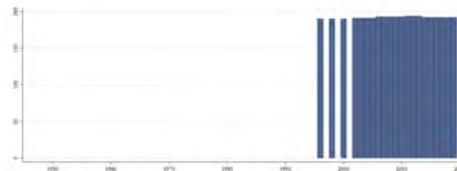
Min. Year:1996 Max. Year: 2019  
N: 195 n: 4005  $\bar{N}$ : 167  $\bar{T}$ : 21

#### 4.103.10 Rule of Law, Estimate (wbgi\_rle)

Rule of Law - Estimate: "Rule of Law" includes several indicators which measure the extent to which agents have confidence in and abide by the rules of society. These include perceptions of the incidence of crime, the effectiveness and predictability of the judiciary, and the enforceability of contracts. Together, these indicators measure the success of a society in developing an environment in which fair and predictable rules form the basis for economic and social interactions and the extent to which property rights are protected.



Min. Year:2017 Max. Year: 2017  
N: 192



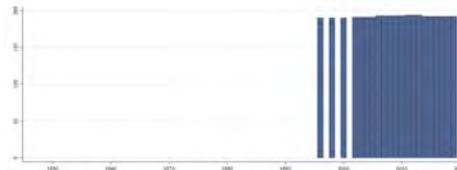
Min. Year:1996 Max. Year: 2019  
N: 195 n: 4033  $\bar{N}$ : 168  $\bar{T}$ : 21

#### 4.103.11 Rule of Law, Number of Sources (wbgi\_rln)

Rule of Law - Number of Sources.



Min. Year:2017 Max. Year: 2017  
N: 192



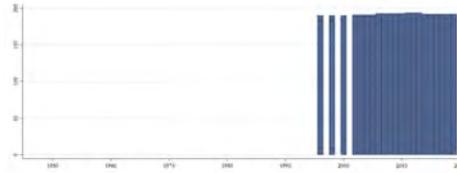
Min. Year:1996 Max. Year: 2019  
N: 195 n: 4033  $\bar{N}$ : 168  $\bar{T}$ : 21

#### 4.103.12 Rule of Law, Standard Error (wbgi\_rls)

Rule of Law - Standard Errors.



Min. Year:2017 Max. Year: 2017  
N: 192



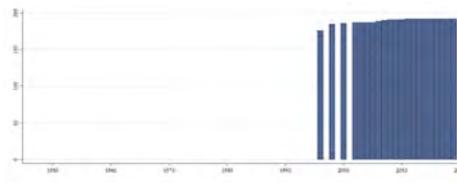
Min. Year:1996 Max. Year: 2019  
N: 195 n: 4033  $\bar{N}$ : 168  $\bar{T}$ : 21

#### 4.103.13 Regulatory Quality, Estimate (wbgi\_rqe)

Regulatory Quality - Estimate: “Regulatory Quality” includes measures of the incidence of market-unfriendly policies such as price controls or inadequate bank supervision, as well as perceptions of the burdens imposed by excessive regulation in areas such as foreign trade and business development.



Min. Year:2017 Max. Year: 2017  
N: 192



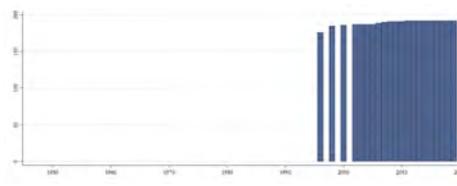
Min. Year:1996 Max. Year: 2019  
N: 193 n: 3975  $\bar{N}$ : 166  $\bar{T}$ : 21

#### 4.103.14 Regulatory Quality, Number of Sources (wbgi\_rqn)

Regulatory Quality - Number of Sources.



Min. Year:2017 Max. Year: 2017  
N: 192



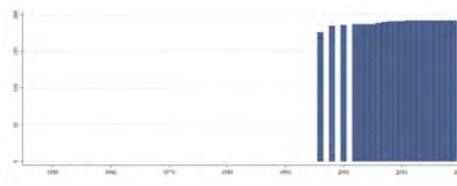
Min. Year:1996 Max. Year: 2019  
N: 193 n: 3975  $\bar{N}$ : 166  $\bar{T}$ : 21

#### 4.103.15 Regulatory Quality, Standard Error (wbgi\_rqs)

Regulatory Quality - Standard Errors.



Min. Year:2017 Max. Year: 2017  
N: 192



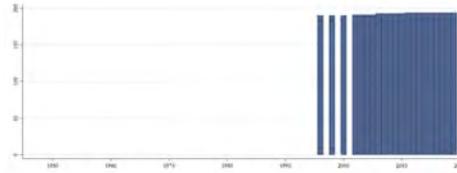
Min. Year:1996 Max. Year: 2019  
N: 193 n: 3975  $\bar{N}$ : 166  $\bar{T}$ : 21

#### 4.103.16 Voice and Accountability, Estimate (wbgi\_vae)

Voice and Accountability - Estimate: “Voice and Accountability” includes a number of indicators measuring various aspects of the political process, civil liberties and political rights. These indicators measure the extent to which citizens of a country are able to participate in the selection of governments. This category also includes indicators measuring the independence of the media, which serves an important role in monitoring those in authority and holding them accountable for their actions.



Min. Year:2017 Max. Year: 2017  
N: 194



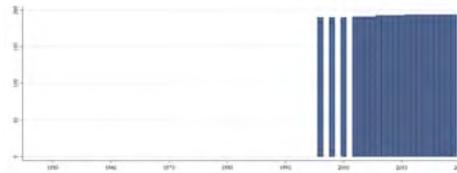
Min. Year:1996 Max. Year: 2019  
N: 195 n: 4045  $\bar{N}$ : 169  $\bar{T}$ : 21

#### 4.103.17 Voice and Accountability, Number of Sources (wbgi\_van)

Voice and Accountability - Number of Sources.



Min. Year:2017 Max. Year: 2017  
N: 194



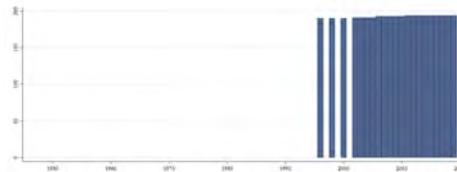
Min. Year:1996 Max. Year: 2019  
N: 195 n: 4045  $\bar{N}$ : 169  $\bar{T}$ : 21

#### 4.103.18 Voice and Accountability, Standard Error (wbgi\_vas)

Voice and Accountability - Standard Errors.



Min. Year:2017 Max. Year: 2017  
N: 194



Min. Year:1996 Max. Year: 2019  
N: 195 n: 4045  $\bar{N}$ : 169  $\bar{T}$ : 21

### 4.104 The World Bank Group

<http://data.worldbank.org/data-catalog/world-development-indicators>

(World Bank, 2020)

(Data downloaded: 2021-01-22)

#### World Development Indicators

The primary World Bank collection of development indicators, compiled from officially-recognized international sources.

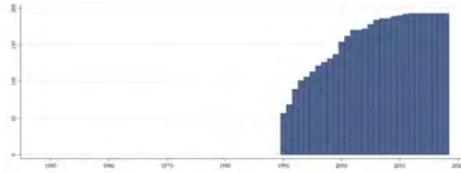
This is an adaptation of an original work by The World Bank. Views and opinions expressed in the adaptation are the sole responsibility of the author or authors of the adaptation and are not endorsed by The World Bank.

##### 4.104.1 Access to electricity (% of population) (wdi\_ace1)

Access to electricity is the percentage of population with access to electricity. Electrification data are collected from industry, national surveys and international sources.



Min. Year:2017 Max. Year: 2017  
N: 193



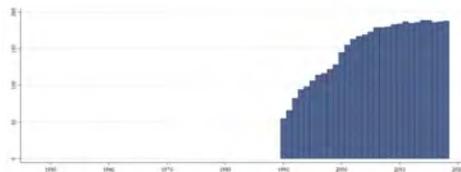
Min. Year:1990 Max. Year: 2018  
N: 195 n: 4534  $\bar{N}$ : 156  $\bar{T}$ : 23

#### 4.104.2 Access to electricity, rural (% of rural population) (wdi\_acelr)

Access to electricity, rural is the percentage of rural population with access to electricity.



Min. Year:2014 Max. Year: 2018  
N: 191



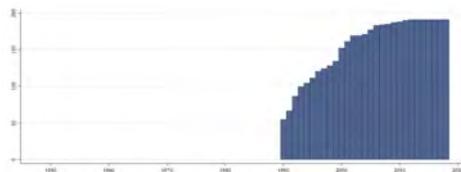
Min. Year:1990 Max. Year: 2018  
N: 195 n: 4356  $\bar{N}$ : 150  $\bar{T}$ : 22

#### 4.104.3 Access to electricity, urban (% of urban population) (wdi\_acelu)

Access to electricity, urban is the percentage of urban population with access to electricity.



Min. Year:2017 Max. Year: 2017  
N: 191



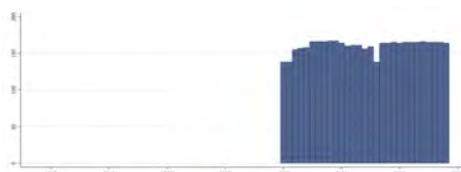
Min. Year:1990 Max. Year: 2018  
N: 193 n: 4482  $\bar{N}$ : 155  $\bar{T}$ : 23

#### 4.104.4 Armed forces personnel (% of total labor force) (wdi\_afp)

Armed forces personnel are active duty military personnel, including paramilitary forces if the training, organization, equipment, and control suggest they may be used to support or replace regular military forces. Labor force comprises all people who meet the International Labour Organization's definition of the economically active population.



Min. Year:2014 Max. Year: 2017  
N: 166



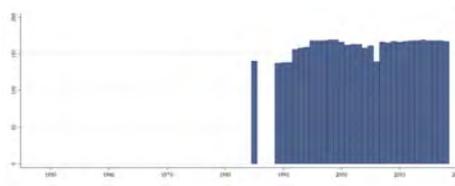
Min. Year:1990 Max. Year: 2018  
N: 174 n: 4654  $\bar{N}$ : 160  $\bar{T}$ : 27

#### 4.104.5 Armed forces personnel, total (wdi\_afpt)

Armed forces personnel are active duty military personnel, including paramilitary forces if the training, organization, equipment, and control suggest they may be used to support or replace regular military forces.



Min. Year:2014 Max. Year: 2017  
N: 169



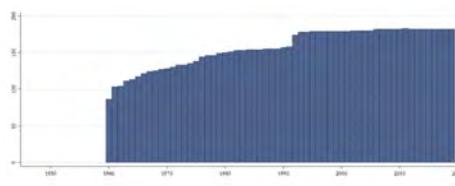
Min. Year:1985 Max. Year: 2018  
N: 176 n: 4987  $\bar{N}$ : 147  $\bar{T}$ : 28

#### 4.104.6 Age dependency ratio (% of working-age pop.) (wdi\_agedr)

Age dependency ratio is the ratio of dependents—people younger than 15 or older than 64—to the working-age population—those ages 15-64. Data are shown as the proportion of dependents per 100 working-age population.



Min. Year:2017 Max. Year: 2017  
N: 182



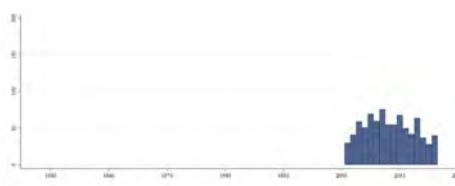
Min. Year:1960 Max. Year: 2019  
N: 190 n: 9415  $\bar{N}$ : 157  $\bar{T}$ : 50

#### 4.104.7 Agricultural irrigated land (% of total agricultural land) (wdi\_agrland)

Agricultural land refers to the share of land area that is arable, under permanent crops, and under permanent pastures. Arable land includes land defined by the FAO as land under temporary crops (double-cropped areas are counted once), temporary meadows for mowing or for pasture, land under market or kitchen gardens, and land temporarily fallow. Land abandoned as a result of shifting cultivation is excluded. Land under permanent crops is land cultivated with crops that occupy the land for long periods and need not be replanted after each harvest, such as cocoa, coffee, and rubber. This category includes land under flowering shrubs, fruit trees, nut trees, and vines, but excludes land under trees grown for wood or timber. Permanent pasture is land used for five or more years for forage, including natural and cultivated crops.



Min. Year:2014 Max. Year: 2016  
N: 52



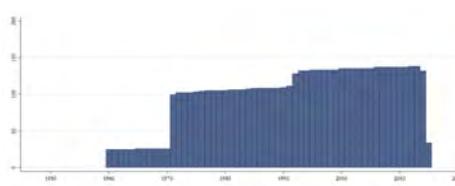
Min. Year:2001 Max. Year: 2016  
N: 117 n: 826  $\bar{N}$ : 52  $\bar{T}$ : 7

#### 4.104.8 Alternative and nuclear energy (% of total energy use) (wdi\_ane)

Clean energy is noncarbohydrate energy that does not produce carbon dioxide when generated. It includes hydropower and nuclear, geothermal, and solar power, among others.



Min. Year:2014 Max. Year: 2015  
N: 132



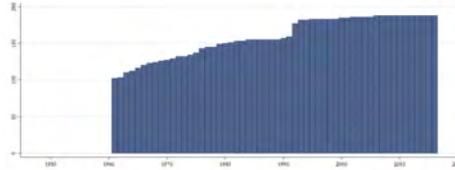
Min. Year:1960 Max. Year: 2015  
N: 143 n: 5629  $\bar{N}$ : 101  $\bar{T}$ : 39

#### 4.104.9 Arable land (% of land area) (wdi\_araland)

Arable land includes land defined by the FAO as land under temporary crops (double-cropped areas are counted once), temporary meadows for mowing or for pasture, land under market or kitchen gardens, and land temporarily fallow. Land abandoned as a result of shifting cultivation is excluded.



Min. Year:2016 Max. Year: 2016  
N: 188



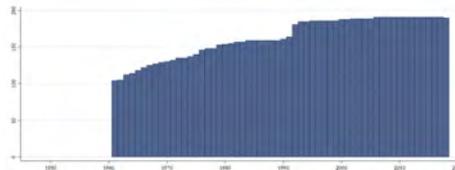
Min. Year:1961 Max. Year: 2016  
N: 193 n: 8900  $\bar{N}$ : 159  $\bar{T}$ : 46

#### 4.104.10 Land area (sq. km) (wdi\_area)

Land area is a country's total area, excluding area under inland water bodies, national claims to continental shelf, and exclusive economic zones. In most cases the definition of inland water bodies includes major rivers and lakes.



Min. Year:2017 Max. Year: 2017  
N: 191

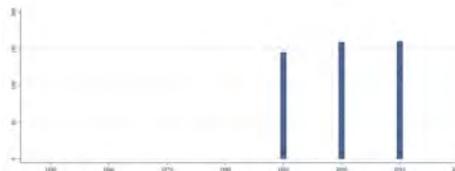


Min. Year:1961 Max. Year: 2018  
N: 197 n: 9457  $\bar{N}$ : 163  $\bar{T}$ : 48

#### 4.104.11 Land area where elevation is below 5 meters (% of total land area) (wdi\_areabelow)

Land area below 5m is the percentage of total land where the elevation is 5 meters or less.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

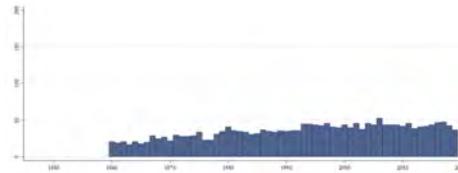
Min. Year:1990 Max. Year: 2010  
N: 162 n: 464  $\bar{N}$ : 22  $\bar{T}$ : 3

#### 4.104.12 Arms exports (SIPRI trend indicator values) (wdi\_armexp)

Exports - Arms transfers cover the supply of military weapons through sales, aid, gifts, and those made through manufacturing licenses. Data cover major conventional weapons such as aircraft, armored vehicles, artillery, radar systems, missiles, and ships designed for military use. Excluded are transfers of other military equipment such as small arms and light weapons, trucks, small artillery, ammunition, support equipment, technology transfers, and other services.



Min. Year:2014 Max. Year: 2019  
N: 69



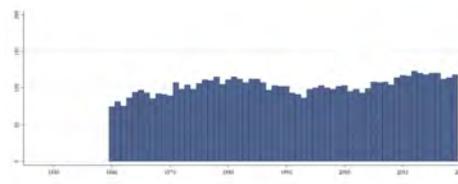
Min. Year:1960 Max. Year: 2019  
N: 125 n: 2135  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.104.13 Arms imports (SIPRI trend indicator values) (wdi\_armimp)

Imports - Arms transfers cover the supply of military weapons through sales, aid, gifts, and those made through manufacturing licenses. Data cover major conventional weapons such as aircraft, armored vehicles, artillery, radar systems, missiles, and ships designed for military use. Excluded are transfers of other military equipment such as small arms and light weapons, trucks, small artillery, ammunition, support equipment, technology transfers, and other services.



Min. Year:2014 Max. Year: 2019  
N: 157



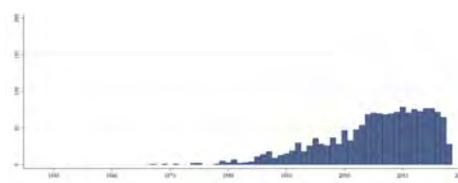
Min. Year:1960 Max. Year: 2019  
N: 191 n: 6175  $\bar{N}$ : 103  $\bar{T}$ : 32

#### 4.104.14 Proportion of people living below 50 percent of median income (%) (wdi\_belmedinc)

The percentage of people in the population who live in households whose per capita income or consumption is below half of the median income or consumption per capita. The median is measured at 2011 Purchasing Power Parity (PPP) using PovcalNet (<http://iresearch.worldbank.org/PovcalNet>). For some countries, medians are not reported due to grouped and/or confidential data. The reference year is the year in which the underlying household survey data was collected. In cases for which the data collection period bridged two calendar years, the first year in which data were collected is reported.



Min. Year:2014 Max. Year: 2018  
N: 119



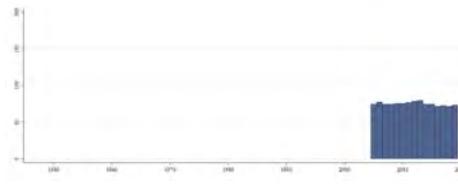
Min. Year:1967 Max. Year: 2018  
N: 160 n: 1581  $\bar{N}$ : 30  $\bar{T}$ : 10

#### 4.104.15 CPIA building human resources rating (1=low to 6=high) (wdi\_bhr)

The CPIA measures the extent to which a country's policy and institutional framework supports sustainable growth and poverty reduction and, consequently, the effective use of development assistance. More specifically, this indicator assesses the national policies and public and private sector service delivery that affect the access to and quality of health and education services, including prevention and treatment of HIV/AIDS, tuberculosis, and malaria.



Min. Year:2015 Max. Year: 2019  
N: 76



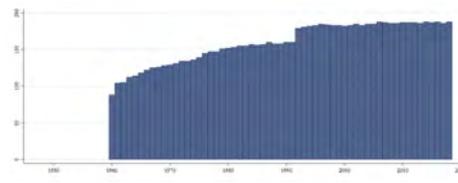
Min. Year:2005 Max. Year: 2019  
N: 86 n: 1132  $\bar{N}$ : 75  $\bar{T}$ : 13

#### 4.104.16 Birth rate, crude (per 1,000 people) (wdi\_birth)

Crude birth rate indicates the number of live births occurring during the year, per 1,000 population estimated at midyear. Subtracting the crude death rate from the crude birth rate provides the rate of natural increase, which is equal to the rate of population change in the absence of migration.



Min. Year:2014 Max. Year: 2018  
N: 190



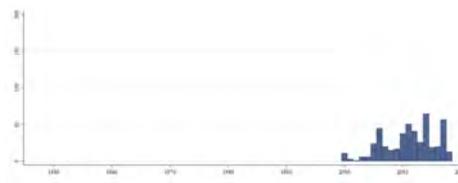
Min. Year:1960 Max. Year: 2018  
N: 198 n: 9410  $\bar{N}$ : 159  $\bar{T}$ : 48

#### 4.104.17 Completeness of birth registration (%) (wdi\_birthreg)

Completeness of birth registration is the percentage of children under age 5 whose births were registered at the time of the survey. The numerator of completeness of birth registration includes children whose birth certificate was seen by the interviewer or whose mother or caretaker says the birth has been registered.



Min. Year:2014 Max. Year: 2018  
N: 121



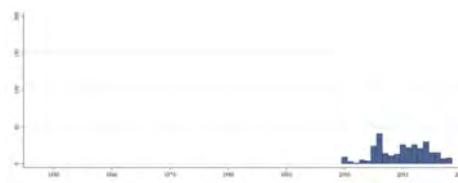
Min. Year:2000 Max. Year: 2018  
N: 171 n: 478  $\bar{N}$ : 25  $\bar{T}$ : 3

#### 4.104.18 Completeness of birth registration, rural (%) (wdi\_birthregr)

Completeness of birth registration is the percentage of children under age 5 whose births were registered at the time of the survey in the rural areas. The numerator of completeness of birth registration includes children whose birth certificate was seen by the interviewer or whose mother or caretaker says the birth has been registered.



Min. Year:2014 Max. Year: 2018  
N: 63



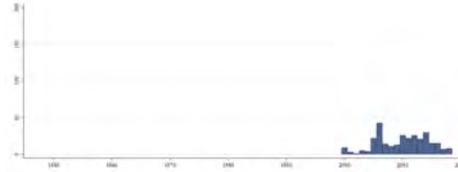
Min. Year:2000 Max. Year: 2018  
N: 117 n: 295  $\bar{N}$ : 16  $\bar{T}$ : 3

#### 4.104.19 Completeness of birth registration, urban (%) (wdi\_birthregu)

Completeness of birth registration is the percentage of children under age 5 whose births were registered at the time of the survey in the urban areas. The numerator of completeness of birth registration includes children whose birth certificate was seen by the interviewer or whose mother or caretaker says the birth has been registered.



Min. Year:2014 Max. Year: 2018  
N: 63



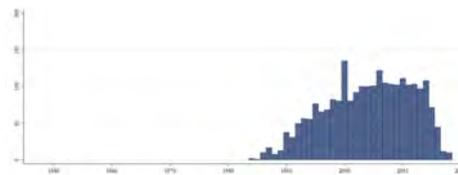
Min. Year:2000 Max. Year: 2018  
N: 117 n: 295  $\bar{N}$ : 16  $\bar{T}$ : 3

#### 4.104.20 Births attended by skilled health staff (% of total) (wdi\_birthskill)

Births attended by skilled health staff are the percentage of deliveries attended by personnel trained to give the necessary supervision, care, and advice to women during pregnancy, labor, and the postpartum period; to conduct deliveries on their own; and to care for newborns.



Min. Year:2014 Max. Year: 2018  
N: 144



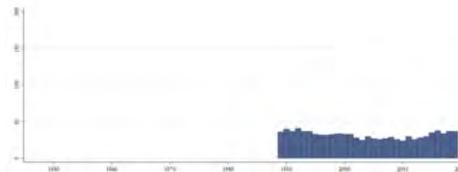
Min. Year:1984 Max. Year: 2018  
N: 188 n: 2360  $\bar{N}$ : 67  $\bar{T}$ : 13

#### 4.104.21 Battle-related deaths (number of people) (wdi\_brdeath)

Battle-related deaths are deaths in battle-related conflicts between warring parties in the conflict dyad (two conflict units that are parties to a conflict). Typically, battle-related deaths occur in warfare involving the armed forces of the warring parties. This includes traditional battlefield fighting, guerrilla activities, and all kinds of bombardments of military units, cities, and villages, etc. The targets are usually the military itself and its installations or state institutions and state representatives, but there is often substantial collateral damage in the form of civilians being killed in crossfire, in indiscriminate bombings, etc. All deaths—military as well as civilian—incurred in such situations, are counted as battle-related deaths.



Min. Year:2015 Max. Year: 2019  
N: 53



Min. Year:1989 Max. Year: 2019  
N: 104 n: 995  $\bar{N}$ : 32  $\bar{T}$ : 10

#### 4.104.22 Bribery incidence (% of firms experiencing at least one bribe request) (wdi\_bribfirm)

Bribery incidence is the percentage of firms experiencing at least one bribe payment request across six public transactions dealing with utilities access, permits, licenses, and taxes.



Min. Year: 2014 Max. Year: 2020  
N: 94

Variable not included  
in Time-Series Data

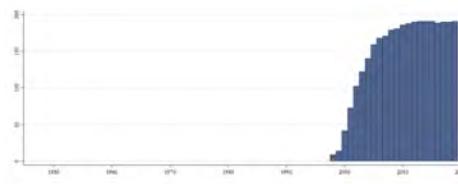
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.104.23 Fixed broadband subscriptions (per 100 people) (wdi\_broadb)

Fixed broadband subscriptions refers to fixed subscriptions to high-speed access to the public Internet (a TCP/IP connection), at downstream speeds equal to, or greater than, 256 kbit/s. This includes cable modem, DSL, fiber-to-the-home/building, other fixed (wired)-broadband subscriptions, satellite broadband and terrestrial fixed wireless broadband. This total is measured irrespective of the method of payment. It excludes subscriptions that have access to data communications (including the Internet) via mobile-cellular networks. It should include fixed WiMAX and any other fixed wireless technologies. It includes both residential subscriptions and subscriptions for organizations.



Min. Year: 2017 Max. Year: 2019  
N: 191



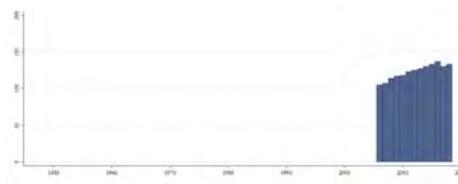
Min. Year: 1998 Max. Year: 2019  
N: 192 n: 3257  $\bar{N}$ : 148  $\bar{T}$ : 17

#### 4.104.24 New business density (new registrations per 1,000 people ages 15-64) (wdi\_busden)

New businesses registered are the number of new limited liability corporations registered in the calendar year.



Min. Year: 2014 Max. Year: 2018  
N: 147



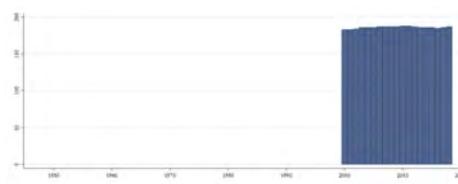
Min. Year: 2006 Max. Year: 2018  
N: 151 n: 1599  $\bar{N}$ : 123  $\bar{T}$ : 11

#### 4.104.25 Current health expenditure (% of GDP) (wdi\_chexppgdp)

Current health expenditure (% of GDP). Level of current health expenditure expressed as a percentage of GDP. Estimates of current health expenditures include healthcare goods and services consumed during each year. This indicator does not include capital health expenditures such as buildings, machinery, IT and stocks of vaccines for emergency or outbreaks.



Min. Year: 2015 Max. Year: 2018  
N: 188



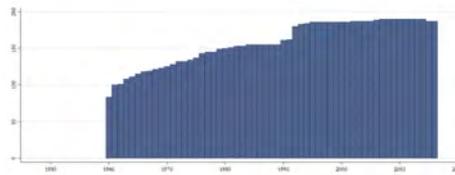
Min. Year: 2000 Max. Year: 2018  
N: 191 n: 3535  $\bar{N}$ : 186  $\bar{T}$ : 19

#### 4.104.26 CO2 emissions (metric tons per capita) (wdi\_co2)

Carbon dioxide emissions are those stemming from the burning of fossil fuels and the manufacture of cement. They include carbon dioxide produced during consumption of solid, liquid, and gas fuels and gas flaring.



Min. Year:2014 Max. Year: 2016  
N: 190



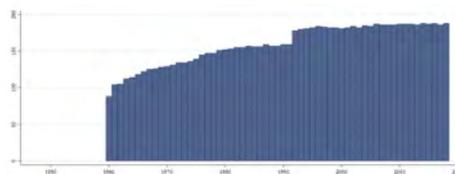
Min. Year:1960 Max. Year: 2016  
N: 197 n: 9010  $\bar{N}$ : 158  $\bar{T}$ : 46

#### 4.104.27 Death rate, crude (per 1,000 people) (wdi\_death)

Crude death rate indicates the number of deaths occurring during the year, per 1,000 population estimated at midyear. Subtracting the crude death rate from the crude birth rate provides the rate of natural increase, which is equal to the rate of population change in the absence of migration.



Min. Year:2014 Max. Year: 2018  
N: 190



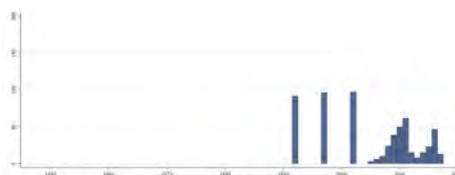
Min. Year:1960 Max. Year: 2018  
N: 198 n: 9389  $\bar{N}$ : 159  $\bar{T}$ : 47

#### 4.104.28 Completeness of death registration with cause-of-death information (%) (wdi\_deathreg)

Completeness of death registration is the estimated percentage of deaths that are registered with their cause of death information in the vital registration system of a country.



Min. Year:2014 Max. Year: 2017  
N: 98



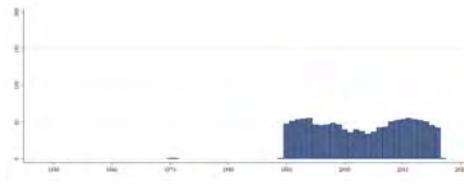
Min. Year:1992 Max. Year: 2017  
N: 122 n: 599  $\bar{N}$ : 23  $\bar{T}$ : 5

#### 4.104.29 Central government debt, total (% of GDP) (wdi\_debt)

Debt is the entire stock of direct government fixed-term contractual obligations to others outstanding on a particular date. It includes domestic and foreign liabilities such as currency and money deposits, securities other than shares, and loans. It is the gross amount of government liabilities reduced by the amount of equity and financial derivatives held by the government. Because debt is a stock rather than a flow, it is measured as of a given date, usually the last day of the fiscal year.



Min. Year:2014 Max. Year: 2017  
N: 55



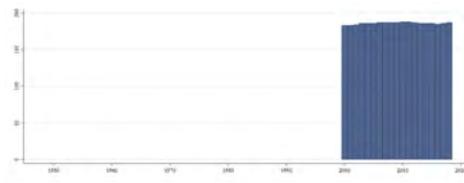
Min. Year:1970 Max. Year: 2017  
N: 101 n: 1278  $\bar{N}$ : 27  $\bar{T}$ : 13

#### 4.104.30 Domestic general government health expenditure (% of GDP) (wdi\_dgovh-exp)

Domestic general government health expenditure (% of GDP). Public expenditure on health from domestic sources as a share of the economy as measured by GDP.



Min. Year:2015 Max. Year: 2018  
N: 188



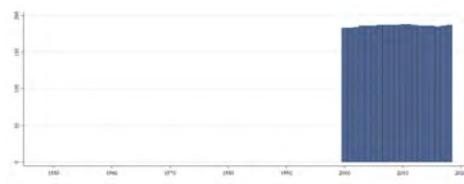
Min. Year:2000 Max. Year: 2018  
N: 191 n: 3535  $\bar{N}$ : 186  $\bar{T}$ : 19

#### 4.104.31 Domestic private health expenditure (% of current health expenditure) (wdi\_dprivhexp)

Domestic private health expenditure (% of current health expenditure). Share of current health expenditures funded from domestic private sources. Domestic private sources include funds from households, corporations and non-profit organizations. Such expenditures can be either prepaid to voluntary health insurance or paid directly to healthcare providers.



Min. Year:2015 Max. Year: 2018  
N: 188



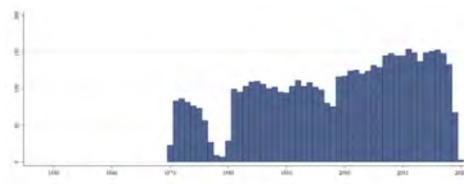
Min. Year:2000 Max. Year: 2018  
N: 191 n: 3535  $\bar{N}$ : 186  $\bar{T}$ : 19

#### 4.104.32 School enrollment, primary, private (% of total primary) (wdi\_eduprp)

Percentage of enrollment in primary education in private institutions (%)



Min. Year:2014 Max. Year: 2019  
N: 172



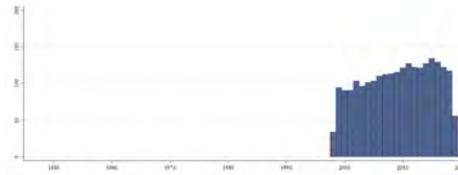
Min. Year:1970 Max. Year: 2020  
N: 193 n: 5166  $\bar{N}$ : 101  $\bar{T}$ : 27

#### 4.104.33 School enrollment, secondary, private (% of total secondary) (wdi\_eduprs)

Percentage of enrollment in secondary education in private institutions (%)



Min. Year:2014 Max. Year: 2019  
N: 156



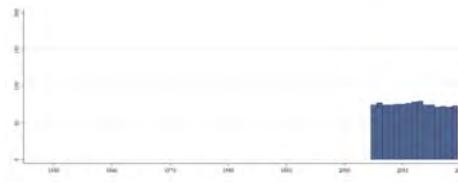
Min. Year:1998 Max. Year: 2020  
N: 181 n: 2339  $\bar{N}$ : 102  $\bar{T}$ : 13

#### 4.104.34 CPIA efficiency of revenue mobilization rating (1=low to 6=high) (wdi\_effrevmob)

Efficiency of revenue mobilization assesses the overall pattern of revenue mobilization—not only the de facto tax structure, but also revenue from all sources as actually collected.



Min. Year:2015 Max. Year: 2019  
N: 76



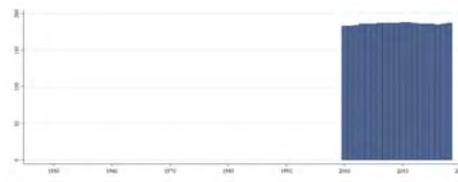
Min. Year:2005 Max. Year: 2019  
N: 86 n: 1132  $\bar{N}$ : 75  $\bar{T}$ : 13

#### 4.104.35 External health expenditure (% of current health expenditure) (wdi\_ehexpp)

External health expenditure (% of current health expenditure). Share of current health expenditures funded from external sources. External sources compose of direct foreign transfers and foreign transfers distributed by government encompassing all financial inflows into the national health system from outside the country. External sources either flow through the government scheme or are channeled through non-governmental organizations or other schemes.



Min. Year:2015 Max. Year: 2018  
N: 188



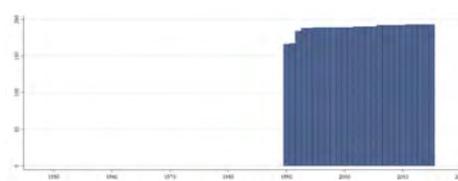
Min. Year:2000 Max. Year: 2018  
N: 191 n: 3535  $\bar{N}$ : 186  $\bar{T}$ : 19

#### 4.104.36 Renewable electricity output (% of total electricity output) (wdi\_elerenew)

Renewable electricity is the share of electricity generated by renewable power plants in total electricity generated by all types of plants.



Min. Year:2015 Max. Year: 2015  
N: 193



Min. Year:1990 Max. Year: 2015  
N: 196 n: 4901  $\bar{N}$ : 189  $\bar{T}$ : 25

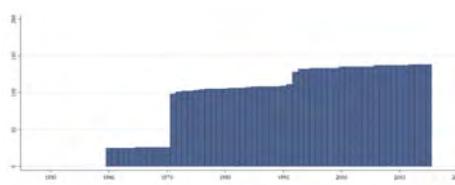
#### 4.104.37 Electricity production from coal sources (% of total) (wdi\_elprodcoal)

Sources of electricity refer to the inputs used to generate electricity. Coal refers to all coal and brown coal, both primary (including hard coal and lignite-brown coal) and derived fuels (including patent

fuel, coke oven coke, gas coke, coke oven gas, and blast furnace gas). Peat is also included in this category.



Min. Year:2015 Max. Year: 2015  
N: 138



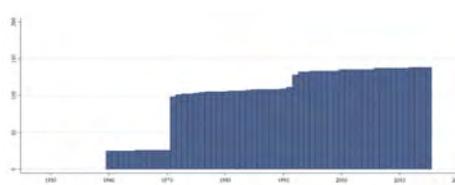
Min. Year:1960 Max. Year: 2015  
N: 143 n: 5737  $\bar{N}$ : 102  $\bar{T}$ : 40

#### 4.104.38 Electricity production from natural gas sources (% of total) (wdi\_elprodgas)

Sources of electricity refer to the inputs used to generate electricity. Gas refers to natural gas but excludes natural gas liquids.



Min. Year:2015 Max. Year: 2015  
N: 138



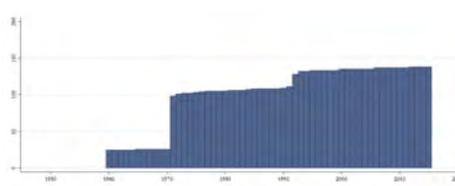
Min. Year:1960 Max. Year: 2015  
N: 143 n: 5737  $\bar{N}$ : 102  $\bar{T}$ : 40

#### 4.104.39 Electricity production from hydroelectric sources (% of total) (wdi\_elprodhid)

Sources of electricity refer to the inputs used to generate electricity. Hydropower refers to electricity produced by hydroelectric power plants.



Min. Year:2015 Max. Year: 2015  
N: 138



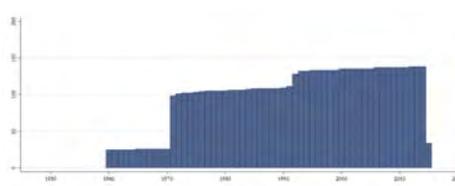
Min. Year:1960 Max. Year: 2015  
N: 143 n: 5737  $\bar{N}$ : 102  $\bar{T}$ : 40

#### 4.104.40 Electricity production from nuclear sources (% of total) (wdi\_elprodnuc)

Sources of electricity refer to the inputs used to generate electricity. Nuclear power refers to electricity produced by nuclear power plants.



Min. Year:2014 Max. Year: 2015  
N: 138



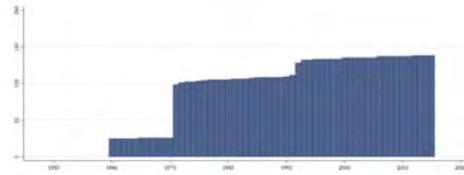
Min. Year:1960 Max. Year: 2015  
N: 143 n: 5633  $\bar{N}$ : 101  $\bar{T}$ : 39

#### 4.104.41 Electricity production from oil sources (% of total) (wdi\_elprodoil)

Sources of electricity refer to the inputs used to generate electricity. Oil refers to crude oil and petroleum products.



Min. Year:2015 Max. Year: 2015  
N: 138



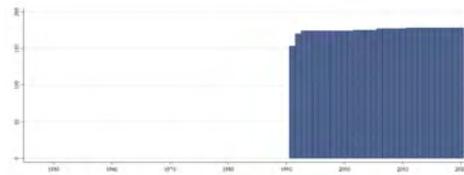
Min. Year:1960 Max. Year: 2015  
N: 143 n: 5737  $\bar{N}$ : 102  $\bar{T}$ : 40

#### 4.104.42 Employers, total (% of total employment) (modeled ILO) (wdi\_emp)

Employers are those workers who, working on their own account or with one or a few partners, hold the type of jobs defined as a “self-employment jobs” i.e. jobs where the remuneration is directly dependent upon the profits derived from the goods and services produced, and, in this capacity, have engaged, on a continuous basis, one or more persons to work for them as employee(s). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



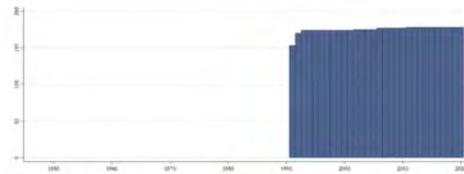
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.43 Employment in agriculture (% of total employment) (modeled ILO) (wdi\_empagr)

Employment in agriculture as a percentage of all employment. Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit, whether at work during the reference period or not at work due to temporary absence from a job, or to working-time arrangement. The agriculture sector consists of activities in agriculture, hunting, forestry and fishing, in accordance with division 1 (ISIC 2) or categories A-B (ISIC 3) or category A (ISIC 4). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



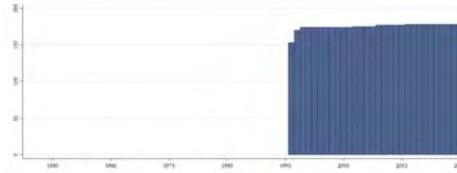
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.44 Employment in agriculture, female (% female employment) (modeled ILO) (wdi\_empagr\_f)

Female employment in agriculture as a percentage of all female employment. Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit, whether at work during the reference period or not at work due to temporary absence from a job, or to working-time arrangement. The agriculture sector consists of activities in agriculture, hunting, forestry and fishing, in accordance with division 1 (ISIC 2) or categories A-B (ISIC 3) or category A (ISIC 4). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



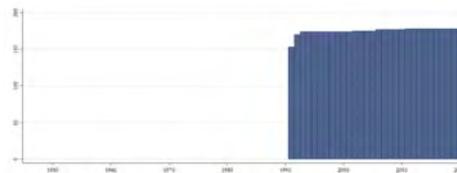
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.45 Employment in agriculture, male (% male employment) (modeled ILO) (wdi\_ - empgrm)

Male employment in agriculture as a percentage of all male employment. Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit, whether at work during the reference period or not at work due to temporary absence from a job, or to working-time arrangement. The agriculture sector consists of activities in agriculture, hunting, forestry and fishing, in accordance with division 1 (ISIC 2) or categories A-B (ISIC 3) or category A (ISIC 4). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



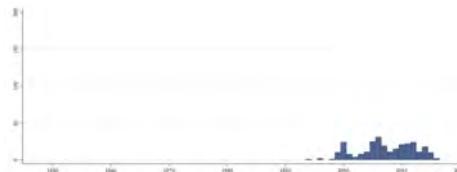
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.46 Children in employment, total (% of children ages 7-14) (wdi\_ empch)

Children in employment refer to children involved in economic activity for at least one hour in the reference week of the survey.



Min. Year:2014 Max. Year: 2016  
N: 25



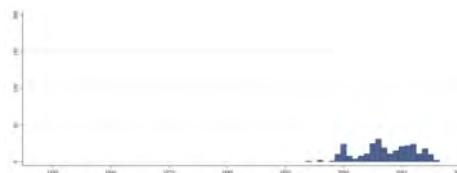
Min. Year:1994 Max. Year: 2016  
N: 100 n: 278  $\bar{N}$ : 12  $\bar{T}$ : 3

#### 4.104.47 Children in employment, female (% of female children ages 7-14) (wdi\_ - empchf)

Children in employment refer to children involved in economic activity for at least one hour in the reference week of the survey. Female.



Min. Year:2014 Max. Year: 2016  
N: 25



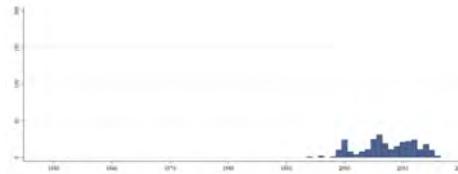
Min. Year:1994 Max. Year: 2016  
N: 100 n: 278  $\bar{N}$ : 12  $\bar{T}$ : 3

#### 4.104.48 Children in employment, male (% of male children ages 7-14) (wdi\_empchm)

Children in employment refer to children involved in economic activity for at least one hour in the reference week of the survey. Male.



Min. Year:2014 Max. Year: 2016  
N: 25



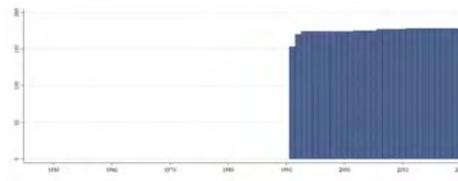
Min. Year:1994 Max. Year: 2016  
N: 100 n: 278  $\bar{N}$ : 12  $\bar{T}$ : 3

#### 4.104.49 Employers, female (% of female employment) (modeled ILO) (wdi\_empf)

Employers refers are those workers who, working on their own account or with one or a few partners, hold the type of jobs defined as a “self-employment jobs” i.e. jobs where the remuneration is directly dependent upon the profits derived from the goods and services produced, and, in this capacity, have engaged, on a continuous basis, one or more persons to work for them as employee(s). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



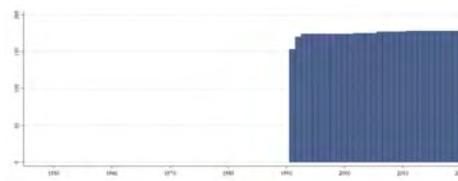
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.50 Employment in industry (% of total employment) (modeled ILO) (wdi\_empind)

Employment in industry as a percentage of all employment. Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit, whether at work during the reference period or not at work due to temporary absence from a job, or to working-time arrangement. The industry sector consists of mining and quarrying, manufacturing, construction, and public utilities (electricity, gas, and water), in accordance with divisions 2-5 (ISIC 2) or categories C-F (ISIC 3) or categories B-F (ISIC 4). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



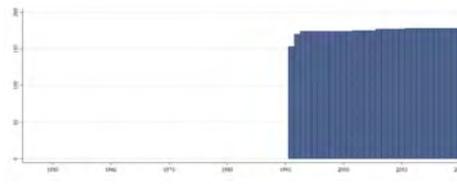
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.51 Employment in industry, female (% female employment) (modeled ILO) (wdi\_empindf)

Female employment in industry as a percentage of all female employment. Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit, whether at work during the reference period or not at work due to temporary absence from a job, or to working-time arrangement. The industry sector consists of mining and quarrying, manufacturing, construction, and public utilities (electricity, gas, and water), in accordance with divisions 2-5 (ISIC 2) or categories C-F (ISIC 3) or categories B-F (ISIC 4). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



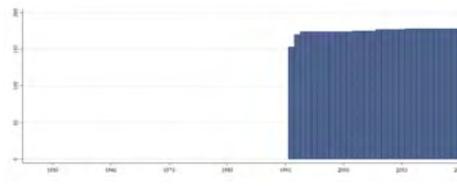
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.52 Employment in industry, male (% of male employment) (modeled ILO) (wdi\_empindm)**

Male employment in industry as a percentage of all male employment. Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit, whether at work during the reference period or not at work due to temporary absence from a job, or to working-time arrangement. The industry sector consists of mining and quarrying, manufacturing, construction, and public utilities (electricity, gas, and water), in accordance with divisions 2-5 (ISIC 2) or categories C-F (ISIC 3) or categories B-F (ISIC 4). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



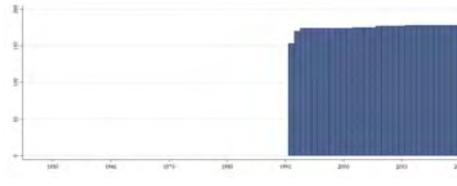
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.53 Employers, male (% of male employment) (modeled ILO) (wdi\_empm)**

Employers refers are those workers who, working on their own account or with one or a few partners, hold the type of jobs defined as a “self-employment jobs” i.e. jobs where the remuneration is directly dependent upon the profits derived from the goods and services produced, and, in this capacity, have engaged, on a continuous basis, one or more persons to work for them as employee(s). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



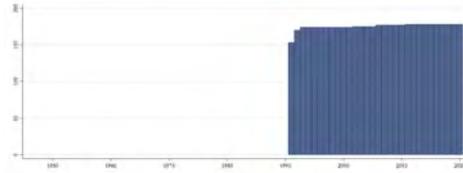
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.54 Employment to population ratio, 15+, female (%) (modeled ILO) (wdi\_empprfile)**

Employment to population ratio, 15+, female (%) (ILO estimation). Employment to population ratio is the proportion of a country’s population that is employed. Ages 15 and older are generally considered the working-age population.



Min. Year:2017 Max. Year: 2017  
N: 178



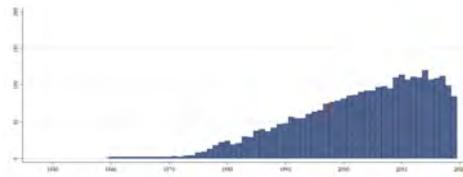
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.55 Employment to population ratio, 15+, female (%) (national est.) (wdi\_ - empprfne)**

Employment to population ratio, 15+, female (%) (National estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15 and older are generally considered the working-age population.



Min. Year:2014 Max. Year: 2019  
N: 154



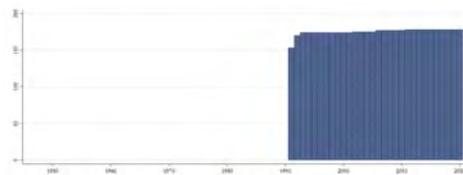
Min. Year:1960 Max. Year: 2019  
N: 182 n: 3072  $\bar{N}$ : 51  $\bar{T}$ : 17

**4.104.56 Employment to population ratio, 15+, total (%) (modeled ILO) (wdi\_ emp - pril0)**

Employment to population ratio, 15+, total (%) (ILO estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15 and older are generally considered the working-age population.



Min. Year:2017 Max. Year: 2017  
N: 178



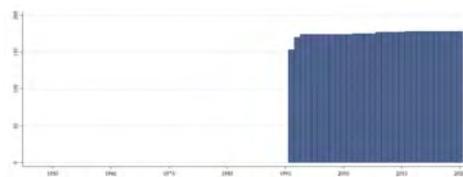
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.57 Employment to population ratio, 15+, male (%) (modeled ILO) (wdi\_ emp - prmilo)**

Employment to population ratio, 15+, male (%) (ILO estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15 and older are generally considered the working-age population.



Min. Year:2017 Max. Year: 2017  
N: 178



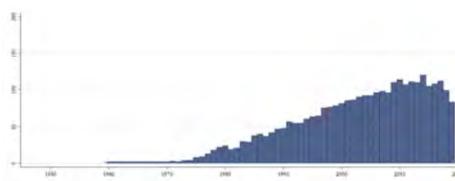
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.58 Employment to population ratio, 15+, male (%) (national est.) (wdi\_emp-prmne)

Employment to population ratio, 15+, male (%) (National estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15 and older are generally considered the working-age population.



Min. Year:2014 Max. Year: 2019  
N: 154



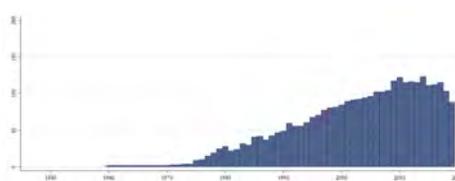
Min. Year:1960 Max. Year: 2019  
N: 182 n: 3068  $\bar{N}$ : 51  $\bar{T}$ : 17

#### 4.104.59 Employment to population ratio, 15+, total (%) (national est.) (wdi\_emp-prne)

Employment to population ratio, 15+, total (%) (National estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15 and older are generally considered the working-age population.



Min. Year:2014 Max. Year: 2019  
N: 157



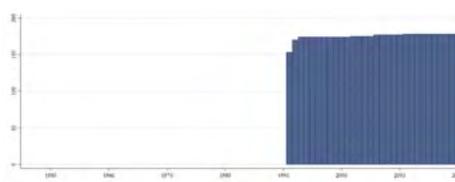
Min. Year:1960 Max. Year: 2019  
N: 185 n: 3214  $\bar{N}$ : 54  $\bar{T}$ : 17

#### 4.104.60 Employment to population ratio, ages 15-24, female % (modeled ILO) (wdi\_emp-pryfilo)

Employment to population ratio, ages 15-24, female (%) (ILO estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15-24 are generally considered the youth population.



Min. Year:2017 Max. Year: 2017  
N: 178



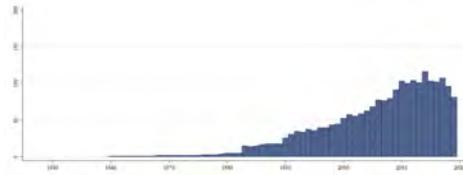
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.61 Employment to population ratio, ages 15-24, female % (national est.) (wdi\_emp-pryfne)

Employment to population ratio, ages 15-24, female (%) (National estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15-24 are generally considered the youth population.



Min. Year:2014 Max. Year: 2019  
N: 150



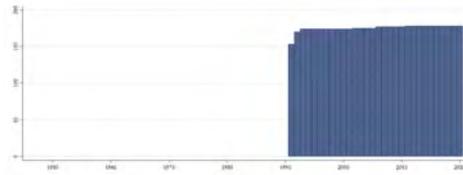
Min. Year:1960 Max. Year: 2019  
N: 173 n: 2234  $\bar{N}$ : 37  $\bar{T}$ : 13

#### 4.104.62 Employment to population ratio, ages 15-24, total % (modeled ILO) (wdi\_emppryilo)

Employment to population ratio, ages 15-24, total (%) (ILO estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15-24 are generally considered the youth population.



Min. Year:2017 Max. Year: 2017  
N: 178



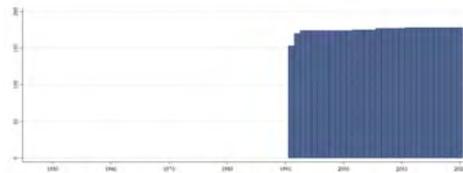
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.63 Employment to population ratio, ages 15-24, male % (modeled ILO) (wdi\_empprymilo)

Employment to population ratio, ages 15-24, male (%) (ILO estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15-24 are generally considered the youth population.



Min. Year:2017 Max. Year: 2017  
N: 178



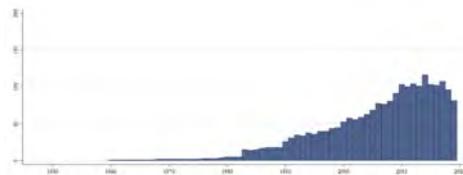
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.64 Employment to population ratio, ages 15-24, male % (national est.) (wdi\_empprymne)

Employment to population ratio, ages 15-24, male (%) (National estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15-24 are generally considered the youth population.



Min. Year:2014 Max. Year: 2019  
N: 150



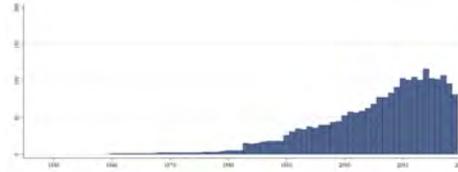
Min. Year:1960 Max. Year: 2019  
N: 173 n: 2235  $\bar{N}$ : 37  $\bar{T}$ : 13

**4.104.65 Employment to population ratio, ages 15-24, total % (national est.) (wdi\_ - emp pryne)**

Employment to population ratio, ages 15-24, total (%) (National estimation). Employment to population ratio is the proportion of a country's population that is employed. Ages 15-24 are generally considered the youth population.



Min. Year:2014 Max. Year: 2019  
N: 150



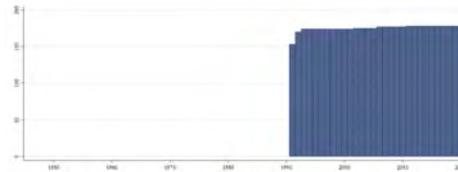
Min. Year:1960 Max. Year: 2019  
N: 173 n: 2242  $\bar{N}$ : 37  $\bar{T}$ : 13

**4.104.66 Employment in services (% of total employment) (modeled ILO) (wdi\_ - emp ser)**

Total employment in services as percentage of total employment. Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit, whether at work during the reference period or not at work due to temporary absence from a job, or to working-time arrangement. The services sector consists of wholesale and retail trade and restaurants and hotels; transport, storage, and communications; financing, insurance, real estate, and business services; and community, social, and personal services, in accordance with divisions 6-9 (ISIC 2) or categories G-Q (ISIC 3) or categories G-U (ISIC 4). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



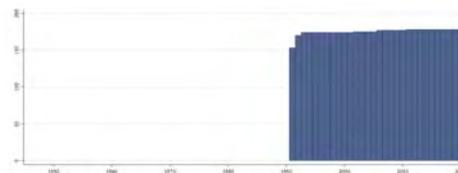
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.67 Employment in services, female (% of female employment) (modeled ILO) (wdi\_ emp serf)**

Female employment in services (% of female employment). Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit, whether at work during the reference period or not at work due to temporary absence from a job, or to working-time arrangement. The services sector consists of wholesale and retail trade and restaurants and hotels; transport, storage, and communications; financing, insurance, real estate, and business services; and community, social, and personal services, in accordance with divisions 6-9 (ISIC 2) or categories G-Q (ISIC 3) or categories G-U (ISIC 4). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



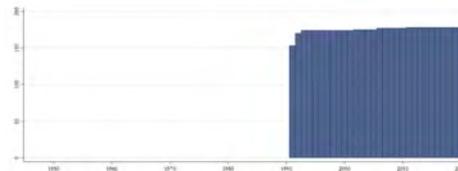
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.68 Employment in services, male (% of male employment) (modeled ILO) (wdi\_ - empserm)**

Male employment in services (% of male employment). Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit, whether at work during the reference period or not at work due to temporary absence from a job, or to working-time arrangement. The services sector consists of wholesale and retail trade and restaurants and hotels; transport, storage, and communications; financing, insurance, real estate, and business services; and community, social, and personal services, in accordance with divisions 6-9 (ISIC 2) or categories G-Q (ISIC 3) or categories G-U (ISIC 4). Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



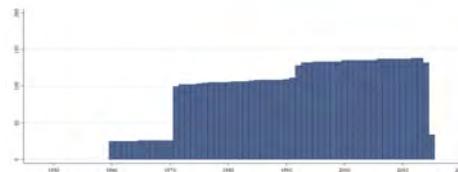
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.69 Energy imports, net (% of energy use) (wdi\_ eneimp)**

Net energy imports are estimated as energy use less production, both measured in oil equivalents. A negative value indicates that the country is a net exporter. Energy use refers to use of primary energy before transformation to other end-use fuels, which is equal to indigenous production plus imports and stock changes, minus exports and fuels supplied to ships and aircraft engaged in international transport.



Min. Year:2014 Max. Year: 2015  
N: 132



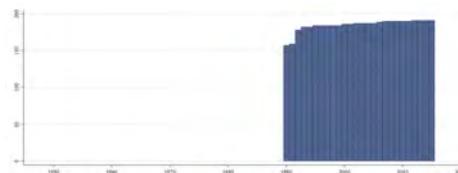
Min. Year:1960 Max. Year: 2015  
N: 143 n: 5629  $\bar{N}$ : 101  $\bar{T}$ : 39

**4.104.70 Renewable energy consumption (% of total final energy consumption) (wdi\_ - enerenew)**

Renewable energy consumption is the share of renewables energy in total final energy consumption.



Min. Year:2015 Max. Year: 2015  
N: 191



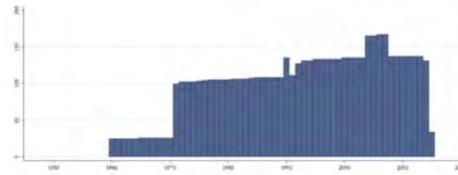
Min. Year:1990 Max. Year: 2015  
N: 194 n: 4801  $\bar{N}$ : 185  $\bar{T}$ : 25

**4.104.71 Energy use (kg of oil equivalent per capita) (wdi\_ eneuse)**

Energy use refers to use of primary energy before transformation to other end-use fuels, which is equal to indigenous production plus imports and stock changes, minus exports and fuels supplied to ships and aircraft engaged in international transport.



Min. Year:2014 Max. Year: 2015  
N: 131



Min. Year:1960 Max. Year: 2015  
N: 173 n: 5769  $\bar{N}$ : 103  $\bar{T}$ : 33

#### 4.104.72 Ease of doing business index (1=most business-friendly regulations) (wdi\_eodb)

Ease of doing business ranks economies from 1 to 189, with first place being the best. A high ranking (a low numerical rank) means that the regulatory environment is conducive to business operation. The index averages the country's percentile rankings on 10 topics covered in the World Bank's Doing Business. The ranking on each topic is the simple average of the percentile rankings on its component indicators.



Min. Year:2019 Max. Year: 2019  
N: 185

Variable not included  
in Time-Series Data

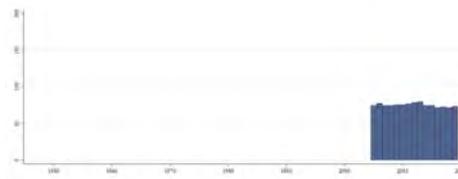
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.104.73 CPIA equity of public resource use rating (1=low to 6=high) (wdi\_eqpubres)

Equity of public resource use assesses the extent to which the pattern of public expenditures and revenue collection affects the poor and is consistent with national poverty reduction priorities.



Min. Year:2015 Max. Year: 2019  
N: 76



Min. Year:2005 Max. Year: 2019  
N: 86 n: 1132  $\bar{N}$ : 75  $\bar{T}$ : 13

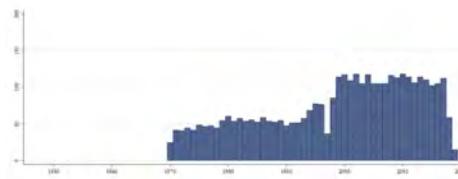
#### 4.104.74 Government expenditure on education, total (% of GDP) (wdi\_expedu)

General government expenditure on education (current, capital, and transfers) is expressed as a percentage of GDP. It includes expenditure funded by transfers from international sources to government. General government usually refers to local, regional and central governments.

Note: The value for Tuvalu in 1997 has been recoded to missing due to an extreme and very unlikely value.



Min. Year:2014 Max. Year: 2019  
N: 140



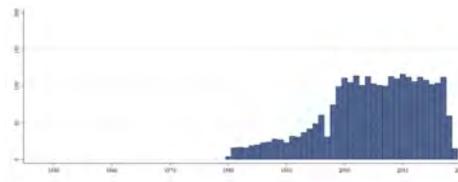
Min. Year:1970 Max. Year: 2019  
N: 188 n: 3732  $\bar{N}$ : 75  $\bar{T}$ : 20

#### 4.104.75 Government expenditure on education, total (% of government expenditure) (wdi\_expeduge)

Total general (local, regional and central) government expenditure on education (current, capital, and transfers), expressed as a percentage of total general government expenditure on all sectors (including health, education, social services, etc.). It includes expenditure funded by transfers from international sources to government. Public education expenditure includes spending by local/municipal, regional and national governments (excluding household contributions) on educational institutions (both public and private), education administration, and subsidies for private entities (students/households and other private entities). In some instances data on total public expenditure on education refers only to the ministry of education and can exclude other ministries that spend a part of their budget on educational activities. The indicator is calculated by dividing total public expenditure on education incurred by all government agencies/departments by the total government expenditure and multiplying by 100. For more information, consult the UNESCO Institute of Statistics website: <http://www.uis.unesco.org/Education/>



Min. Year:2014 Max. Year: 2019  
N: 140



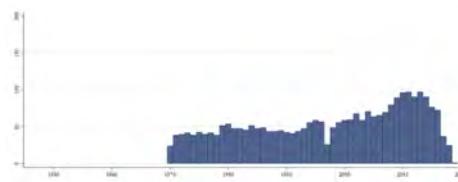
Min. Year:1980 Max. Year: 2019  
N: 178 n: 2692  $\bar{N}$ : 67  $\bar{T}$ : 15

#### 4.104.76 Expenditure on primary education (% of government expenditure on edu.) (wdi\_expedup)

Expenditure on Primary education, expressed as a percentage of total general government expenditure on education. Divide government expenditure on a given level of education (ex. primary, secondary) by total government expenditure on education (all levels combined), and multiply by 100. A high percentage of government expenditure on education spent on a given level denotes a high priority given to that level compared to others. When interpreting this indicator, one should take into account enrollment at that level, and the relative costs per student between different levels of education. For more information, consult the UNESCO Institute of Statistics website: <http://www.uis.unesco.org/Education/>



Min. Year:2014 Max. Year: 2018  
N: 114



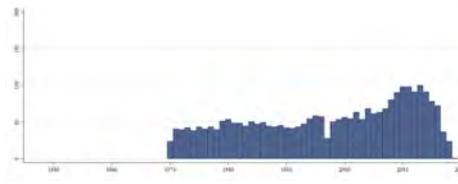
Min. Year:1970 Max. Year: 2019  
N: 175 n: 2726  $\bar{N}$ : 55  $\bar{T}$ : 16

#### 4.104.77 Expenditure on secondary education (% of government expenditure on edu.) (wdi\_expedus)

Expenditure on Secondary education, expressed as a percentage of total general government expenditure on education. Divide government expenditure on a given level of education (ex. primary, secondary) by total government expenditure on education (all levels combined), and multiply by 100. A high percentage of government expenditure on education spent on a given level denotes a high priority given to that level compared to others. When interpreting this indicator, one should take into account enrollment at that level, and the relative costs per student between different levels of education. For more information, consult the UNESCO Institute of Statistics website: <http://www.uis.unesco.org/Education/>



Min. Year:2014 Max. Year: 2018  
N: 116



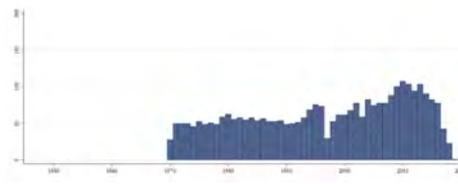
Min. Year:1970 Max. Year: 2019  
N: 175 n: 2728  $\bar{N}$ : 55  $\bar{T}$ : 16

#### 4.104.78 Expenditure on tertiary education (% of government expenditure on edu.) (wdi\_expedit)

Expenditure on Tertiary education, expressed as a percentage of total general government expenditure on education. Divide government expenditure on a given level of education (ex. primary, secondary) by total government expenditure on education (all levels combined), and multiply by 100. A high percentage of government expenditure on education spent on a given level denotes a high priority given to that level compared to others. When interpreting this indicator, one should take into account enrollment at that level, and the relative costs per student between different levels of education. For more information, consult the UNESCO Institute of Statistics website: <http://www.uis.unesco.org/Education/>



Min. Year:2014 Max. Year: 2018  
N: 118



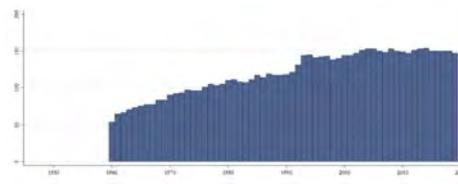
Min. Year:1970 Max. Year: 2019  
N: 183 n: 3113  $\bar{N}$ : 62  $\bar{T}$ : 17

#### 4.104.79 Military expenditure (% of GDP) (wdi\_expmil)

Military expenditure (% of GDP). Military expenditures data from SIPRI are derived from the NATO definition, which includes all current and capital expenditures on the armed forces, including peacekeeping forces; defense ministries and other government agencies engaged in defense projects; paramilitary forces, if these are judged to be trained and equipped for military operations; and military space activities. Such expenditures include military and civil personnel, including retirement pensions of military personnel and social services for personnel; operation and maintenance; procurement; military research and development; and military aid (in the military expenditures of the donor country). Excluded are civil defense and current expenditures for previous military activities, such as for veterans' benefits, demobilization, conversion, and destruction of weapons. This definition cannot be applied for all countries, however, since that would require much more detailed information than is available about what is included in military budgets and off-budget military expenditure items. (For example, military budgets might or might not cover civil defense, reserves and auxiliary forces, police and paramilitary forces, dual-purpose forces such as military and civilian police, military grants in kind, pensions for military personnel, and social security contributions paid by one part of government to another).



Min. Year:2014 Max. Year: 2018  
N: 156



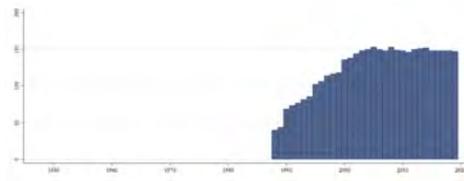
Min. Year:1960 Max. Year: 2019  
N: 171 n: 7197  $\bar{N}$ : 120  $\bar{T}$ : 42

#### 4.104.80 Military expenditure (% of general government expenditure) (wdi\_expmilge)

Military expenditure (% of central government expenditure). Military expenditures data from SIPRI are derived from the NATO definition, which includes all current and capital expenditures on the armed forces, including peacekeeping forces; defense ministries and other government agencies engaged in defense projects; paramilitary forces, if these are judged to be trained and equipped for military operations; and military space activities. Such expenditures include military and civil personnel, including retirement pensions of military personnel and social services for personnel; operation and maintenance; procurement; military research and development; and military aid (in the military expenditures of the donor country). Excluded are civil defense and current expenditures for previous military activities, such as for veterans' benefits, demobilization, conversion, and destruction of weapons. This definition cannot be applied for all countries, however, since that would require much more detailed information than is available about what is included in military budgets and off-budget military expenditure items. (For example, military budgets might or might not cover civil defense, reserves and auxiliary forces, police and paramilitary forces, dual-purpose forces such as military and civilian police, military grants in kind, pensions for military personnel, and social security contributions paid by one part of government to another.)



Min. Year:2014 Max. Year: 2018  
N: 153



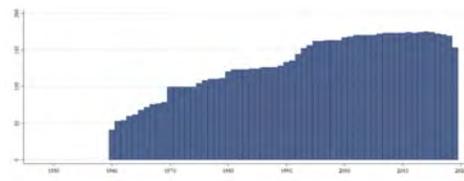
Min. Year:1988 Max. Year: 2019  
N: 164 n: 3983  $\bar{N}$ : 124  $\bar{T}$ : 24

#### 4.104.81 Exports of goods and services (% of GDP) (wdi\_export)

Exports of goods and services represent the value of all goods and other market services provided to the rest of the world. They include the value of merchandise, freight, insurance, transport, travel, royalties, license fees, and other services, such as communication, construction, financial, information, business, personal, and government services. They exclude compensation of employees and investment income (formerly called factor services) and transfer payments.



Min. Year:2014 Max. Year: 2017  
N: 176



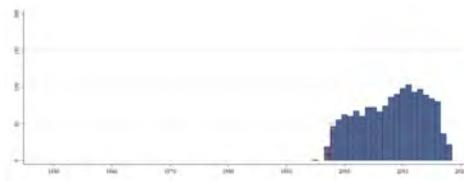
Min. Year:1960 Max. Year: 2019  
N: 188 n: 7870  $\bar{N}$ : 131  $\bar{T}$ : 42

#### 4.104.82 Government expenditure per student, primary (% of GDP per capita) (wdi\_expstup)

Government expenditure per student is the average general government expenditure (current, capital, and transfers) per student in the primary level of education, expressed as a percentage of GDP per capita.



Min. Year:2014 Max. Year: 2018  
N: 120



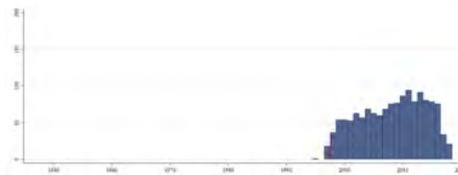
Min. Year:1995 Max. Year: 2018  
N: 163 n: 1546  $\bar{N}$ : 64  $\bar{T}$ : 9

**4.104.83 Government expenditure per student, secondary (% of GDP per capita) (wdi\_expstus)**

Government expenditure per student is the average general government expenditure (current, capital, and transfers) per student in the secondary level of education, expressed as a percentage of GDP per capita.



Min. Year:2014 Max. Year: 2018  
N: 114



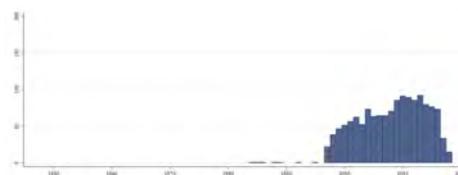
Min. Year:1995 Max. Year: 2018  
N: 158 n: 1393  $\bar{N}$ : 58  $\bar{T}$ : 9

**4.104.84 Government expenditure per student, tertiary (% of GDP per capita) (wdi\_expstut)**

Government expenditure per student is the average general government expenditure (current, capital, and transfers) per student in the given tertiary of education, expressed as a percentage of GDP per capita.



Min. Year:2014 Max. Year: 2018  
N: 109



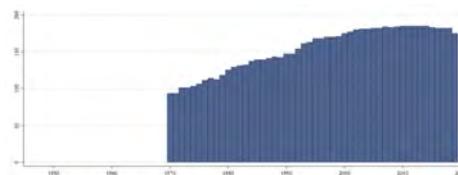
Min. Year:1984 Max. Year: 2018  
N: 160 n: 1403  $\bar{N}$ : 40  $\bar{T}$ : 9

**4.104.85 Foreign direct investment, net inflows (% of GDP) (wdi\_fdiin)**

Foreign direct investment are the net inflows of investment to acquire a lasting management interest (10 percent or more of voting stock) in an enterprise operating in an economy other than that of the investor. It is the sum of equity capital, reinvestment of earnings, other long-term capital, and short-term capital as shown in the balance of payments. This series shows net inflows (new investment inflows less disinvestment) in the reporting economy from foreign investors, and is divided by GDP.



Min. Year:2014 Max. Year: 2017  
N: 185



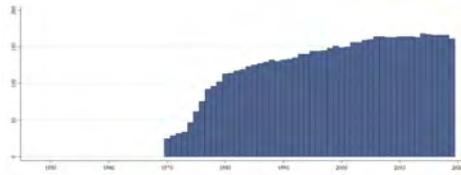
Min. Year:1970 Max. Year: 2019  
N: 192 n: 7667  $\bar{N}$ : 153  $\bar{T}$ : 40

**4.104.86 Foreign direct investment, net outflows (% of GDP) (wdi\_fdiout)**

Foreign direct investment are the net outflows of investment to acquire a lasting management interest (10 percent or more of voting stock) in an enterprise operating in an economy other than that of the investor. It is the sum of equity capital, reinvestment of earnings, other long-term capital, and short-term capital as shown in the balance of payments. This series shows net outflows of investment from the reporting economy to the rest of the world and is divided by GDP.



Min. Year:2014 Max. Year: 2017  
N: 170



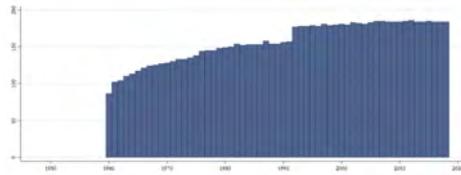
Min. Year:1970 Max. Year: 2019  
N: 185 n: 6469  $\bar{N}$ : 129  $\bar{T}$ : 35

**4.104.87 Fertility rate, total (births per woman) (wdi\_fertility)**

Total fertility rate represents the number of children that would be born to a woman if she were to live to the end of her childbearing years and bear children in accordance with age-specific fertility rates of the specified year.



Min. Year:2015 Max. Year: 2017  
N: 185



Min. Year:1960 Max. Year: 2018  
N: 197 n: 9270  $\bar{N}$ : 157  $\bar{T}$ : 47

**4.104.88 Firms with female participation in ownership (% of firms) (wdi\_firfown)**

Firms with female participation in ownership are the percentage of firms with a woman among the principal owners.



Min. Year:2014 Max. Year: 2020  
N: 94

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.104.89 Firms with female top manager (% of firms) (wdi\_firftopm)**

Firms with female top manager refers to the percentage of firms in the private sector who have females as top managers. Top manager refers to the highest ranking manager or CEO of the establishment. This person may be the owner if he/she works as the manager of the firm. The results are based on surveys of more than 100,000 private firms.



Min. Year:2014 Max. Year: 2020  
N: 94

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.104.90 Firms expected to give gifts in meetings w. tax officials (% of firms) (wdi\_firgifttax)**

Firms expected to give gifts in meetings with tax officials is the percentage of firms that answered positively to the question “was a gift or informal payment expected or requested during a meeting

with tax officials?”.



Min. Year:2014 Max. Year: 2020  
N: 94

Variable not included  
in Time-Series Data

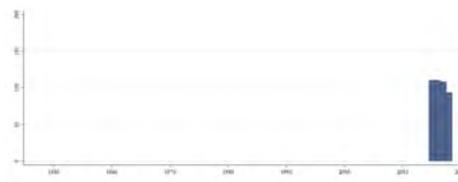
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.104.91 Prevalence of severe food insecurity in the population (%) (wdi\_foodins)

The percentage of people in the population who live in households classified as severely food insecure. A household is classified as severely food insecure when at least one adult in the household has reported to have been exposed, at times during the year, to several of the most severe experiences described in the FIES questions, such as to have been forced to reduce the quantity of the food, to have skipped meals, having gone hungry, or having to go for a whole day without eating because of a lack of money or other resources.



Min. Year:2015 Max. Year: 2017  
N: 112



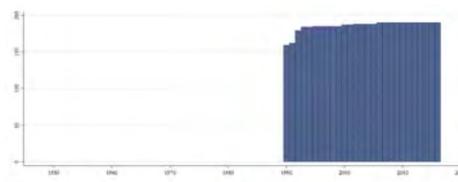
Min. Year:2015 Max. Year: 2018  
N: 112 n: 421  $\bar{N}$ : 105  $\bar{T}$ : 4

#### 4.104.92 Forest area (% of land area) (wdi\_forest)

Forest area is land under natural or planted stands of trees of at least 5 meters in situ, whether productive or not, and excludes tree stands in agricultural production systems (for example, in fruit plantations and agroforestry systems) and trees in urban parks and gardens.



Min. Year:2016 Max. Year: 2016  
N: 190



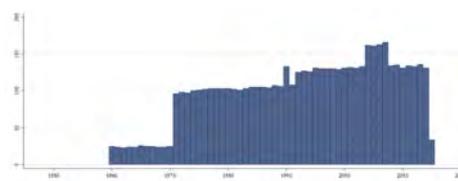
Min. Year:1990 Max. Year: 2016  
N: 191 n: 5009  $\bar{N}$ : 186  $\bar{T}$ : 26

#### 4.104.93 Fossil fuel energy consumption (% of total) (wdi\_fossil)

Fossil fuel comprises coal, oil, petroleum, and natural gas products.



Min. Year:2014 Max. Year: 2015  
N: 131



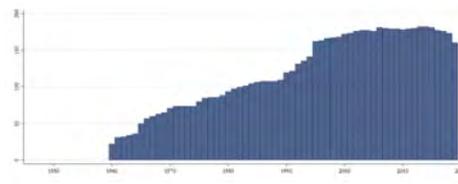
Min. Year:1960 Max. Year: 2015  
N: 172 n: 5629  $\bar{N}$ : 101  $\bar{T}$ : 33

#### 4.104.94 Agriculture, forestry, and fishing, value added (% of GDP) (wdi\_gdpagr)

Agriculture corresponds to ISIC divisions 1-5 and includes forestry, hunting, and fishing, as well as cultivation of crops and livestock production. Value added is the net output of a sector after adding up all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. The origin of value added is determined by the International Standard Industrial Classification (ISIC), revision 3 or 4.



Min. Year:2014 Max. Year: 2017  
N: 183



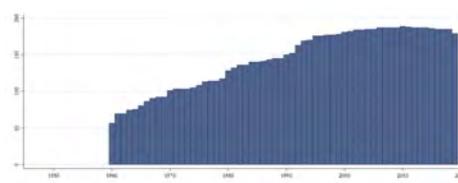
Min. Year:1960 Max. Year: 2019  
N: 194 n: 7283  $\bar{N}$ : 121  $\bar{T}$ : 38

#### 4.104.95 GDP per capita (constant 2010 US dollar) (wdi\_gdpcapcon2010)

GDP per capita is gross domestic product divided by midyear population. GDP is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. Data are in constant 2010 U.S. dollars.



Min. Year:2014 Max. Year: 2017  
N: 187



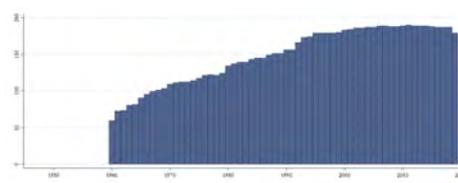
Min. Year:1960 Max. Year: 2019  
N: 196 n: 8652  $\bar{N}$ : 144  $\bar{T}$ : 44

#### 4.104.96 GDP per capita (current US dollar) (wdi\_gdpcapcur)

GDP per capita is gross domestic product divided by midyear population. GDP is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. Data are in current U.S. dollars.



Min. Year:2014 Max. Year: 2017  
N: 189



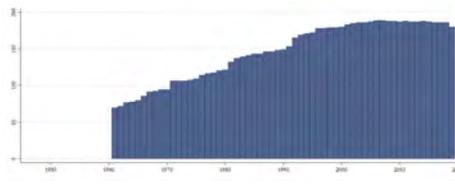
Min. Year:1960 Max. Year: 2019  
N: 198 n: 8916  $\bar{N}$ : 149  $\bar{T}$ : 45

#### 4.104.97 GDP per capita growth (annual %) (wdi\_gdpcapgr)

Annual percentage growth rate of GDP per capita based on constant local currency. Aggregates are based on constant 2010 U.S. dollars. GDP per capita is gross domestic product divided by midyear population. GDP at purchaser's prices is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources.



Min. Year:2014 Max. Year: 2017  
N: 188



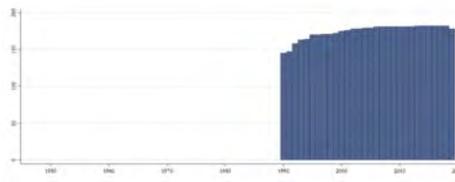
Min. Year:1961 Max. Year: 2019  
N: 198 n: 8647  $\bar{N}$ : 147  $\bar{T}$ : 44

#### 4.104.98 GDP per capita, PPP (constant 2017 international dollar) (wdi\_gdpcapppp-con2017)

GDP per capita based on purchasing power parity (PPP). PPP GDP is gross domestic product converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GDP as the U.S. dollar has in the United States. GDP at purchaser's prices is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. Data are in constant 2017 international dollars.



Min. Year:2017 Max. Year: 2017  
N: 182



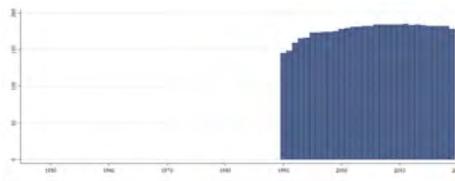
Min. Year:1990 Max. Year: 2019  
N: 185 n: 5233  $\bar{N}$ : 174  $\bar{T}$ : 28

#### 4.104.99 GDP per capita, PPP (current international dollar) (wdi\_gdpcappppcur)

GDP per capita based on purchasing power parity (PPP). PPP GDP is gross domestic product converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GDP as the U.S. dollar has in the United States. GDP at purchaser's prices is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. Data are in current international dollars based on the 2011 ICP round.



Min. Year:2014 Max. Year: 2017  
N: 183



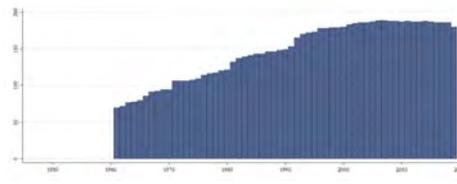
Min. Year:1990 Max. Year: 2019  
N: 189 n: 5296  $\bar{N}$ : 177  $\bar{T}$ : 28

#### 4.104.100 GDP growth (annual %) (wdi\_gdpgr)

Annual percentage growth rate of GDP at market prices based on constant local currency. Aggregates are based on constant 2010 U.S. dollars. GDP is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources.



Min. Year:2014 Max. Year: 2017  
N: 188



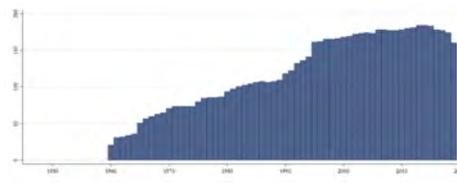
Min. Year:1961 Max. Year: 2019  
N: 198 n: 8650  $\bar{N}$ : 147  $\bar{T}$ : 44

#### 4.104.101 Industry (including construction), value added (% of GDP) (wdi\_gdpind)

Industry corresponds to ISIC divisions 10-45 and includes manufacturing (ISIC divisions 15-37). It comprises value added in mining, manufacturing (also reported as a separate subgroup), construction, electricity, water, and gas. Value added is the net output of a sector after adding up all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. The origin of value added is determined by the International Standard Industrial Classification (ISIC), revision 3. Note: For VAB countries, gross value added at factor cost is used as the denominator.



Min. Year:2014 Max. Year: 2017  
N: 184



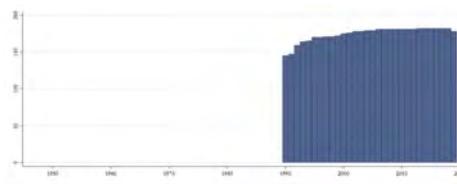
Min. Year:1960 Max. Year: 2019  
N: 194 n: 7258  $\bar{N}$ : 121  $\bar{T}$ : 37

#### 4.104.102 GDP, PPP (constant 2017 international dollar) (wdi\_gdppppcon2017)

PPP GDP is gross domestic product converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GDP as the U.S. dollar has in the United States. GDP is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. Data are in constant 2017 international dollars.



Min. Year:2017 Max. Year: 2017  
N: 182



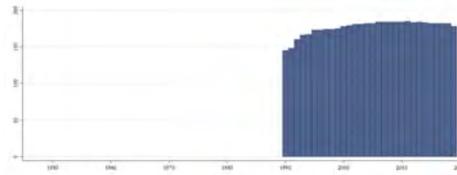
Min. Year:1990 Max. Year: 2019  
N: 185 n: 5236  $\bar{N}$ : 175  $\bar{T}$ : 28

#### 4.104.103 GDP, PPP (current international dollar) (wdi\_gdppppcur)

PPP GDP is gross domestic product converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GDP as the U.S. dollar has in the United States. GDP is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. Data are in current international dollars. For most economies PPP figures are extrapolated from the 2011 International Comparison Program (ICP) benchmark estimates or imputed using a statistical model based on the 2011 ICP. For 47 high- and upper middle-income economies conversion factors are provided by Eurostat and the Organisation for Economic Co-operation and Development (OECD).



Min. Year:2014 Max. Year: 2017  
N: 183



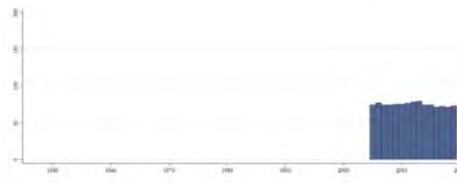
Min. Year:1990 Max. Year: 2019  
N: 189 n: 5299  $\bar{N}$ : 177  $\bar{T}$ : 28

#### 4.104.104 CPIA gender equality rating (1=low to 6=high) (wdi\_gendeqr)

Gender equality assesses the extent to which the country has installed institutions and programs to enforce laws and policies that promote equal access for men and women in education, health, the economy, and protection under law.



Min. Year:2015 Max. Year: 2019  
N: 76



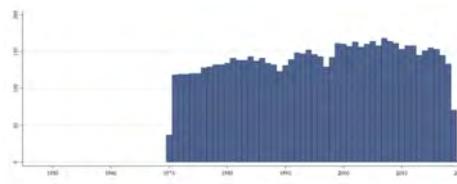
Min. Year:2005 Max. Year: 2019  
N: 86 n: 1132  $\bar{N}$ : 75  $\bar{T}$ : 13

#### 4.104.105 School enrollment, primary (% gross) (wdi\_gerp)

Total enrollment in primary education, regardless of age, expressed as a percentage of the population of official primary education age. GER can exceed 100% due to the inclusion of over-aged and under-aged students because of early or late school entrance and grade repetition.



Min. Year:2014 Max. Year: 2019  
N: 174



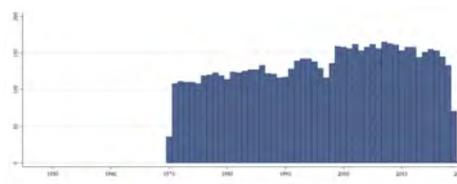
Min. Year:1970 Max. Year: 2020  
N: 193 n: 6988  $\bar{N}$ : 137  $\bar{T}$ : 36

#### 4.104.106 School enrollment, primary, female (% gross) (wdi\_gerpf)

Total female enrollment in primary education, regardless of age, expressed as a percentage of the total female population of official primary education age. GER can exceed 100% due to the inclusion of over-aged and under-aged students because of early or late school entrance and grade repetition.



Min. Year:2014 Max. Year: 2019  
N: 174



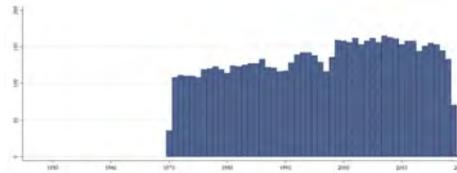
Min. Year:1970 Max. Year: 2020  
N: 193 n: 6659  $\bar{N}$ : 131  $\bar{T}$ : 35

#### 4.104.107 School enrollment, primary, male (% gross) (wdi\_gerpm)

Total male enrollment in primary education, regardless of age, expressed as a percentage of the total male population of official primary education age. GER can exceed 100% due to the inclusion of over-aged and under-aged students because of early or late school entrance and grade repetition.



Min. Year:2014 Max. Year: 2019  
N: 174



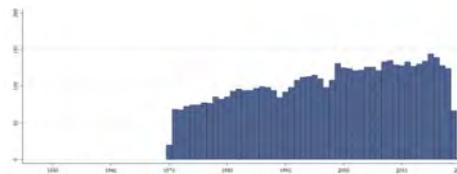
Min. Year:1970 Max. Year: 2020  
N: 193 n: 6659  $\bar{N}$ : 131  $\bar{T}$ : 35

#### 4.104.108 School enrollment, preprimary (% gross) (wdi\_gerpp)

Total enrollment in pre-primary education, regardless of age, expressed as a percentage of the total population of official pre-primary education age. GER can exceed 100% due to the inclusion of over-aged and under-aged students because of early or late school entrance and grade repetition.



Min. Year:2014 Max. Year: 2019  
N: 163



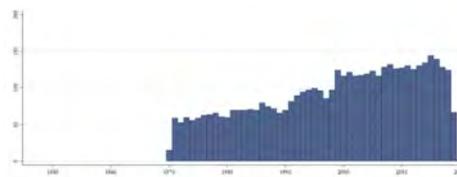
Min. Year:1970 Max. Year: 2020  
N: 191 n: 5243  $\bar{N}$ : 103  $\bar{T}$ : 27

#### 4.104.109 School enrollment, preprimary, female (% gross) (wdi\_gerppf)

Total female enrollment in pre-primary education, regardless of age, expressed as a percentage of the total female population of official pre-primary education age. GER can exceed 100% due to the inclusion of over-aged and under-aged students because of early or late school entrance and grade repetition.



Min. Year:2014 Max. Year: 2019  
N: 163



Min. Year:1970 Max. Year: 2020  
N: 188 n: 4658  $\bar{N}$ : 91  $\bar{T}$ : 25

#### 4.104.110 School enrollment, preprimary, male (% gross) (wdi\_gerppm)

Total male enrollment in pre-primary education, regardless of age, expressed as a percentage of the total male population of official pre-primary education age. GER can exceed 100% due to the inclusion of over-aged and under-aged students because of early or late school entrance and grade repetition.



Min. Year:2014 Max. Year: 2019  
N: 163



Min. Year:1970 Max. Year: 2020  
N: 188 n: 4658  $\bar{N}$ : 91  $\bar{T}$ : 25

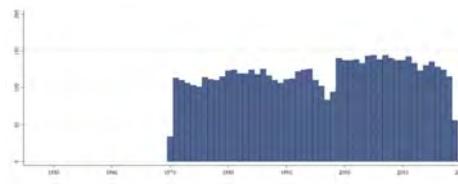
#### 4.104.111 School enrollment, secondary (% gross) (wdi\_gers)

Total enrollment in secondary education, regardless of age, expressed as a percentage of the population of official secondary education age. GER can exceed 100% due to the inclusion of over-aged and

under-aged students because of early or late school entrance and grade repetition.



Min. Year:2014 Max. Year: 2019  
N: 156



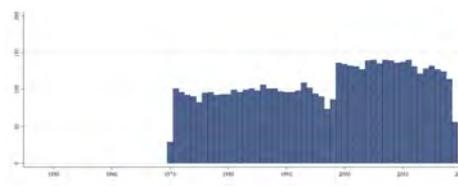
Min. Year:1970 Max. Year: 2020  
N: 193 n: 5940  $\bar{N}$ : 116  $\bar{T}$ : 31

#### 4.104.112 School enrollment, secondary, female (% gross) (wdi\_gersf)

Total female enrollment in secondary education, regardless of age, expressed as a percentage of the female population of official secondary education age. GER can exceed 100% due to the inclusion of over-aged and under-aged students because of early or late school entrance and grade repetition.



Min. Year:2014 Max. Year: 2019  
N: 156



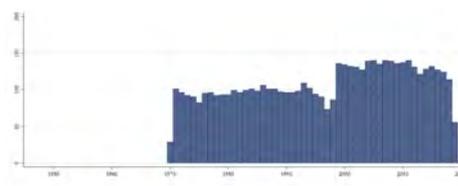
Min. Year:1970 Max. Year: 2020  
N: 192 n: 5404  $\bar{N}$ : 106  $\bar{T}$ : 28

#### 4.104.113 School enrollment, secondary, male (% gross) (wdi\_gersm)

Total male enrollment in secondary education, regardless of age, expressed as a percentage of the male population of official secondary education age. GER can exceed 100% due to the inclusion of over-aged and under-aged students because of early or late school entrance and grade repetition.



Min. Year:2014 Max. Year: 2019  
N: 156



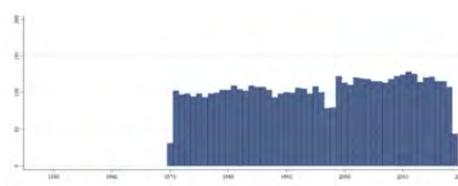
Min. Year:1970 Max. Year: 2020  
N: 192 n: 5404  $\bar{N}$ : 106  $\bar{T}$ : 28

#### 4.104.114 School enrollment, tertiary (% gross) (wdi\_gert)

Total enrollment in tertiary education (ISCED 5 to 8), regardless of age, expressed as a percentage of the total population of the five-year age group following on from secondary school leaving.



Min. Year:2014 Max. Year: 2019  
N: 147



Min. Year:1970 Max. Year: 2020  
N: 186 n: 5222  $\bar{N}$ : 102  $\bar{T}$ : 28

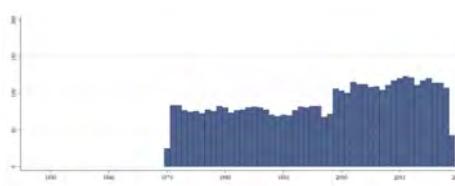
#### 4.104.115 School enrollment, tertiary, female (% gross) (wdi\_gertf)

Total female enrollment in tertiary education (ISCED 5 to 8), regardless of age, expressed as a percentage of the total female population of the five-year age group following on from secondary

school leaving.



Min. Year:2014 Max. Year: 2019  
N: 146



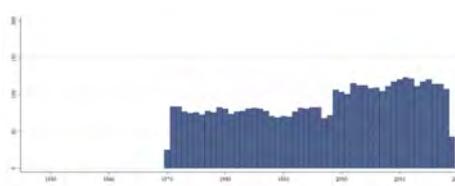
Min. Year:1970 Max. Year: 2020  
N: 185 n: 4478  $\bar{N}$ : 88  $\bar{T}$ : 24

#### 4.104.116 School enrollment, tertiary, male (% gross) (wdi\_gertm)

Total male enrollment in tertiary education (ISCED 5 to 8), regardless of age, expressed as a percentage of the total male population of the five-year age group following on from secondary school leaving.



Min. Year:2014 Max. Year: 2019  
N: 146



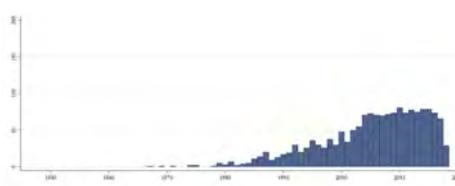
Min. Year:1970 Max. Year: 2020  
N: 185 n: 4478  $\bar{N}$ : 88  $\bar{T}$ : 24

#### 4.104.117 Gini index (World Bank estimate) (wdi\_gini)

Gini index measures the extent to which the distribution of income (or, in some cases, consumption expenditure) among individuals or households within an economy deviates from a perfectly equal distribution. A Lorenz curve plots the cumulative percentages of total income received against the cumulative number of recipients, starting with the poorest individual or household. The Gini index measures the area between the Lorenz curve and a hypothetical line of absolute equality, expressed as a percentage of the maximum area under the line. Thus a Gini index of 0 represents perfect equality, while an index of 100 implies perfect inequality.



Min. Year:2014 Max. Year: 2018  
N: 121



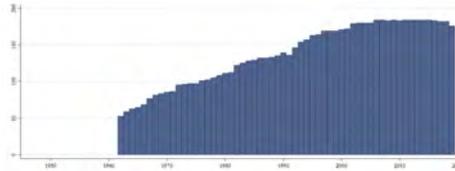
Min. Year:1967 Max. Year: 2018  
N: 163 n: 1626  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.118 GNI, Atlas method (current US dollar) (wdi\_gniatlcu)

GNI (formerly GNP) is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. Data are in current U.S. dollars. GNI, calculated in national currency, is usually converted to U.S. dollars at official exchange rates for comparisons across economies, although an alternative rate is used when the official exchange rate is judged to diverge by an exceptionally large margin from the rate actually applied in international transactions. To smooth fluctuations in prices and exchange rates, a special Atlas method of conversion is used by the World Bank. This applies a conversion factor that averages the exchange rate for a given year and the two preceding years, adjusted for differences in rates of inflation between the country, and through 2000, the G-5 countries (France, Germany, Japan, the United Kingdom, and the United States). From 2001, these countries include the Euro area, Japan, the United Kingdom, and the United States.



Min. Year:2014 Max. Year: 2017  
N: 185



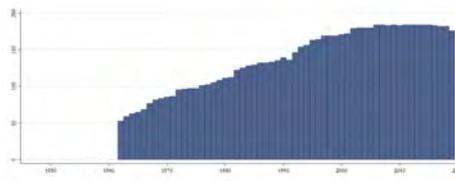
Min. Year:1962 Max. Year: 2019  
N: 195 n: 7974  $\bar{N}$ : 137  $\bar{T}$ : 41

#### 4.104.119 GNI per capita, Atlas method (current US dollar) (wdi\_gnicapatlcur)

GNI per capita (formerly GNP per capita) is the gross national income, converted to U.S. dollars using the World Bank Atlas method, divided by the midyear population. GNI is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. GNI, calculated in national currency, is usually converted to U.S. dollars at official exchange rates for comparisons across economies, although an alternative rate is used when the official exchange rate is judged to diverge by an exceptionally large margin from the rate actually applied in international transactions. To smooth fluctuations in prices and exchange rates, a special Atlas method of conversion is used by the World Bank. This applies a conversion factor that averages the exchange rate for a given year and the two preceding years, adjusted for differences in rates of inflation between the country, and through 2000, the G-5 countries (France, Germany, Japan, the United Kingdom, and the United States). From 2001, these countries include the Euro area, Japan, the United Kingdom, and the United States.



Min. Year:2014 Max. Year: 2017  
N: 185



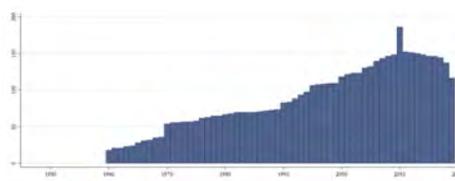
Min. Year:1962 Max. Year: 2019  
N: 195 n: 7973  $\bar{N}$ : 137  $\bar{T}$ : 41

#### 4.104.120 GNI per capita (constant 2010 US dollar) (wdi\_gnicapcon2010)

GNI per capita is gross national income divided by midyear population. GNI (formerly GNP) is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. Data are in constant 2010 U.S. dollars.



Min. Year:2014 Max. Year: 2017  
N: 148



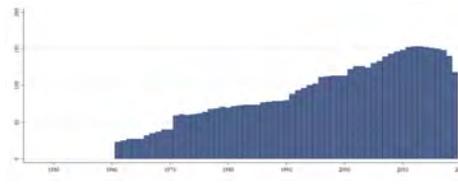
Min. Year:1960 Max. Year: 2019  
N: 189 n: 5350  $\bar{N}$ : 89  $\bar{T}$ : 28

#### 4.104.121 GNI per capita growth (annual %) (wdi\_gnicapgr)

Annual percentage growth rate of GNI per capita based on constant local currency. Aggregates are based on constant 2010 U.S. dollars. GNI per capita is gross national income divided by midyear population. GNI (formerly GNP) is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad.



Min. Year:2014 Max. Year: 2017  
N: 153



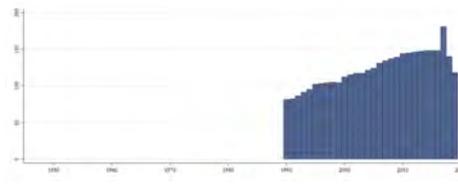
Min. Year:1961 Max. Year: 2019  
N: 165 n: 5413  $\bar{N}$ : 92  $\bar{T}$ : 33

#### 4.104.122 GNI per capita, PPP (constant 2017 international dollar) (wdi\_gnicapppp-con2017)

GNI per capita based on purchasing power parity (PPP). PPP GNI is gross national income (GNI) converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GNI as a U.S. dollar has in the United States. GNI is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. Data are in constant 2017 international dollars.



Min. Year:2017 Max. Year: 2017  
N: 181



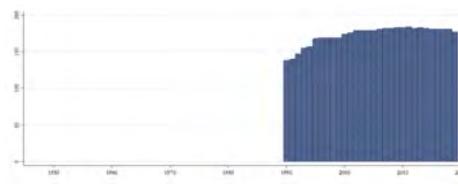
Min. Year:1990 Max. Year: 2019  
N: 183 n: 3668  $\bar{N}$ : 122  $\bar{T}$ : 20

#### 4.104.123 GNI per capita, PPP (current international dollar) (wdi\_gnicappppcur)

GNI per capita based on purchasing power parity (PPP). PPP GNI is gross national income (GNI) converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GNI as a U.S. dollar has in the United States. GNI is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. Data are in current international dollars based on the 2011 ICP round.



Min. Year:2014 Max. Year: 2017  
N: 182



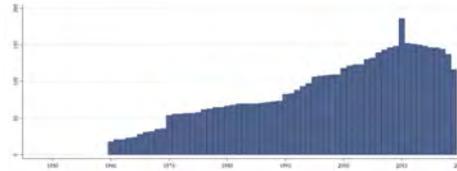
Min. Year:1990 Max. Year: 2019  
N: 188 n: 5190  $\bar{N}$ : 173  $\bar{T}$ : 28

#### 4.104.124 GNI (constant 2010 US dollar) (wdi\_gnicon2010)

GNI (formerly GNP) is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. Data are in constant 2010 U.S. dollars.



Min. Year:2014 Max. Year: 2017  
N: 148



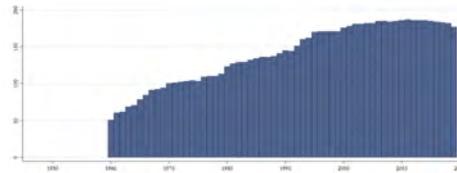
Min. Year:1960 Max. Year: 2019  
N: 189 n: 5350  $\bar{N}$ : 89  $\bar{T}$ : 28

#### 4.104.125 GNI (current US dollar) (wdi\_gnicur)

GNI (formerly GNP) is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. Data are in current U.S. dollars.



Min. Year:2014 Max. Year: 2017  
N: 186



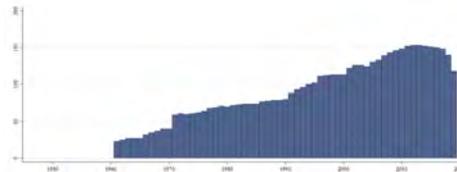
Min. Year:1960 Max. Year: 2019  
N: 195 n: 8411  $\bar{N}$ : 140  $\bar{T}$ : 43

#### 4.104.126 GNI growth (annual %) (wdi\_gnigr)

GNI (formerly GNP) is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad.



Min. Year:2014 Max. Year: 2017  
N: 153



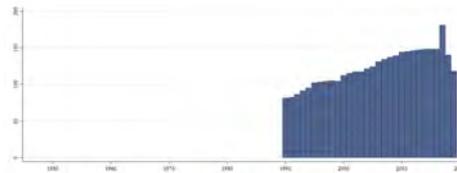
Min. Year:1961 Max. Year: 2019  
N: 165 n: 5413  $\bar{N}$ : 92  $\bar{T}$ : 33

#### 4.104.127 GNI, PPP (constant 2017 international dollar) (wdi\_gnipppcon2017)

PPP GNI (formerly PPP GNP) is gross national income (GNI) converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GNI as a U.S. dollar has in the United States. Gross national income is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. Data are in constant 2017 international dollars.



Min. Year:2017 Max. Year: 2017  
N: 181



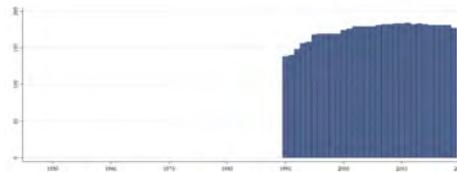
Min. Year:1990 Max. Year: 2019  
N: 183 n: 3668  $\bar{N}$ : 122  $\bar{T}$ : 20

#### 4.104.128 GNI, PPP (current international dollar) (wdi\_gnipppcur)

PPP GNI (formerly PPP GNP) is gross national income (GNI) converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GNI as a U.S. dollar has in the United States. Gross national income is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. Data are in current international dollars. For most economies PPP figures are extrapolated from the 2011 International Comparison Program (ICP) benchmark estimates or imputed using a statistical model based on the 2011 ICP. For 47 high- and upper middle-income economies conversion factors are provided by Eurostat and the Organisation for Economic Co-operation and Development (OECD).



Min. Year:2014 Max. Year: 2017  
N: 182



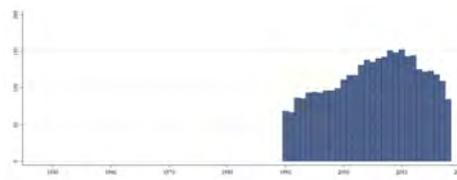
Min. Year:1990 Max. Year: 2019  
N: 188 n: 5193  $\bar{N}$ : 173  $\bar{T}$ : 28

#### 4.104.129 Intentional homicides (per 100,000 people) (wdi\_homicides)

Intentional homicides are estimates of unlawful homicides purposely inflicted as a result of domestic disputes, interpersonal violence, violent conflicts over land resources, intergang violence over turf or control, and predatory violence and killing by armed groups. Intentional homicide does not include all intentional killing; the difference is usually in the organization of the killing. Individuals or small groups usually commit homicide, whereas killing in armed conflict is usually committed by fairly cohesive groups of up to several hundred members and is thus usually excluded.



Min. Year:2014 Max. Year: 2018  
N: 137



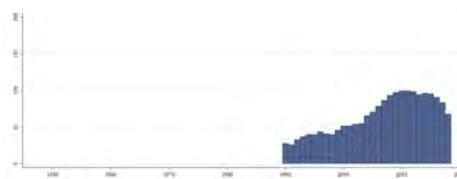
Min. Year:1990 Max. Year: 2018  
N: 172 n: 3331  $\bar{N}$ : 115  $\bar{T}$ : 19

#### 4.104.130 Intentional homicides, female (per 100,000 female) (wdi\_homicidesf)

Intentional homicides, female (per 100,000 female). Intentional homicides, female are estimates of unlawful female homicides purposely inflicted as a result of domestic disputes, interpersonal violence, violent conflicts over land resources, intergang violence over turf or control, and predatory violence and killing by armed groups. Intentional homicide does not include all intentional killing; the difference is usually in the organization of the killing. Individuals or small groups usually commit homicide, whereas killing in armed conflict is usually committed by fairly cohesive groups of up to several hundred members and is thus usually excluded.



Min. Year:2014 Max. Year: 2018  
N: 111



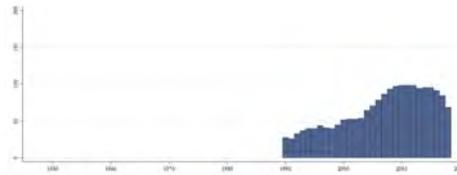
Min. Year:1990 Max. Year: 2018  
N: 126 n: 1904  $\bar{N}$ : 66  $\bar{T}$ : 15

#### 4.104.131 Intentional homicides, male (per 100,000 male) (wdi\_homicidesm)

Intentional homicides, male (per 100,000 male). Intentional homicides, male are estimates of unlawful male homicides purposely inflicted as a result of domestic disputes, interpersonal violence, violent conflicts over land resources, intergang violence over turf or control, and predatory violence and killing by armed groups. Intentional homicide does not include all intentional killing; the difference is usually in the organization of the killing. Individuals or small groups usually commit homicide, whereas killing in armed conflict is usually committed by fairly cohesive groups of up to several hundred members and is thus usually excluded.



Min. Year:2014 Max. Year: 2018  
N: 111



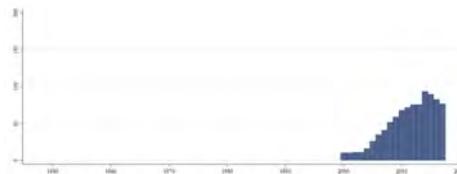
Min. Year:1990 Max. Year: 2018  
N: 125 n: 1901  $\bar{N}$ : 66  $\bar{T}$ : 15

#### 4.104.132 People with basic handwashing facilities (% of population) (wdi\_hwf)

People with basic handwashing facilities including soap and water (% of population). The percentage of people living in households that have a handwashing facility with soap and water available on the premises. Handwashing facilities may be fixed or mobile and include a sink with tap water, buckets with taps, tippy-taps, and jugs or basins designated for handwashing. Soap includes bar soap, liquid soap, powder detergent, and soapy water but does not include ash, soil, sand or other handwashing agents.



Min. Year:2014 Max. Year: 2017  
N: 93



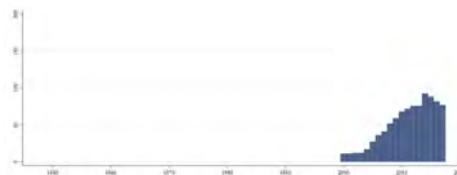
Min. Year:2000 Max. Year: 2017  
N: 95 n: 905  $\bar{N}$ : 50  $\bar{T}$ : 10

#### 4.104.133 People with basic handwashing facilities, rural (% of rural population) (wdi\_hwfr)

People with basic handwashing facilities including soap and water, rural (% of rural population). The percentage of people living in households that have a handwashing facility with soap and water available on the premises. Handwashing facilities may be fixed or mobile and include a sink with tap water, buckets with taps, tippy-taps, and jugs or basins designated for handwashing. Soap includes bar soap, liquid soap, powder detergent, and soapy water but does not include ash, soil, sand or other handwashing agents.



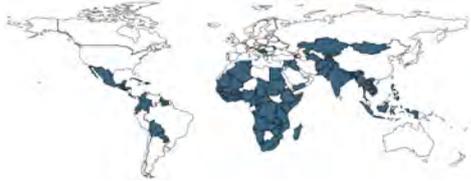
Min. Year:2014 Max. Year: 2017  
N: 92



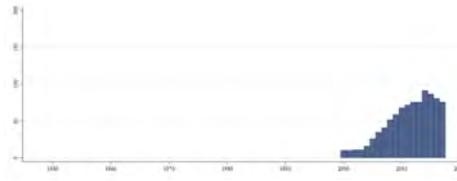
Min. Year:2000 Max. Year: 2017  
N: 95 n: 909  $\bar{N}$ : 51  $\bar{T}$ : 10

**4.104.134 People with basic handwashing facilities, urban (% of urban population) (wdi\_hwfu)**

People with basic handwashing facilities including soap and water, urban (% of urban population). The percentage of people living in households that have a handwashing facility with soap and water available on the premises. Handwashing facilities may be fixed or mobile and include a sink with tap water, buckets with taps, tippy-taps, and jugs or basins designated for handwashing. Soap includes bar soap, liquid soap, powder detergent, and soapy water but does not include ash, soil, sand or other handwashing agents.



Min. Year:2014 Max. Year: 2017  
N: 91



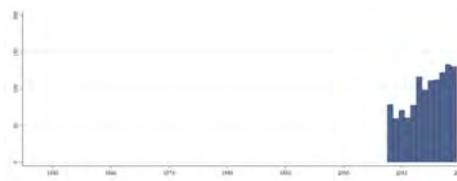
Min. Year:2000 Max. Year: 2017  
N: 94 n: 898  $\bar{N}$ : 50  $\bar{T}$ : 10

**4.104.135 Internally displaced persons, new displacement-disasters (number) (wdi\_idpdis)**

Internally displaced persons, new displacement associated with disasters (number of people). Internally displaced persons are defined according to the 1998 Guiding Principles (<http://www.internal-displacement.org/publications/1998/ocha-guiding-principles-on-internal-displacement>) as people or groups of people who have been forced or obliged to flee or to leave their homes or places of habitual residence, in particular as a result of armed conflict, or to avoid the effects of armed conflict, situations of generalized violence, violations of human rights, or natural or human-made disasters and who have not crossed an international border. “New Displacement” refers to the number of new cases or incidents of displacement recorded, rather than the number of people displaced. This is done because people may have been displaced more than once.



Min. Year:2015 Max. Year: 2019  
N: 170



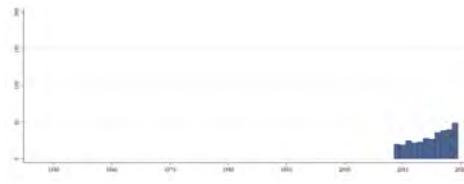
Min. Year:2008 Max. Year: 2019  
N: 174 n: 1171  $\bar{N}$ : 98  $\bar{T}$ : 7

**4.104.136 Internally displaced persons, new displacement-conflict and violence (number) (wdi\_idpvc)**

Internally displaced persons, new displacement associated with conflict and violence (number of cases). Internally displaced persons are defined according to the 1998 Guiding Principles (<http://www.internal-displacement.org/publications/1998/ocha-guiding-principles-on-internal-displacement>) as people or groups of people who have been forced or obliged to flee or to leave their homes or places of habitual residence, in particular as a result of armed conflict, or to avoid the effects of armed conflict, situations of generalized violence, violations of human rights, or natural or human-made disasters and who have not crossed an international border. “New Displacement” refers to the number of new cases or incidents of displacement recorded, rather than the number of people displaced. This is done because people may have been displaced more than once.



Min. Year:2014 Max. Year: 2019  
N: 57



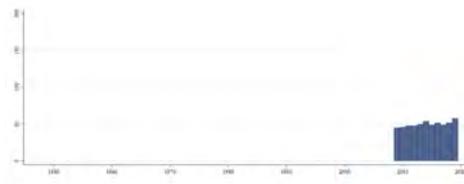
Min. Year:2009 Max. Year: 2019  
N: 64 n: 328  $\bar{N}$ : 30  $\bar{T}$ : 5

**4.104.137 Internally displaced persons, total displaced by conflict-violence (number) (wdi\_idpvp)**

Internally displaced persons, new displacement associated with conflict and violence (number of people). Internally displaced persons are defined according to the 1998 Guiding Principles (<http://www.internal-displacement.org/publications/1998/ocha-guiding-principles-on-internal-displacement>) as people or groups of people who have been forced or obliged to flee or to leave their homes or places of habitual residence, in particular as a result of armed conflict, or to avoid the effects of armed conflict, situations of generalized violence, violations of human rights, or natural or human-made disasters and who have not crossed an international border. “People displaced” refers to the number of people living in displacement as of the end of each year.



Min. Year:2014 Max. Year: 2019  
N: 67



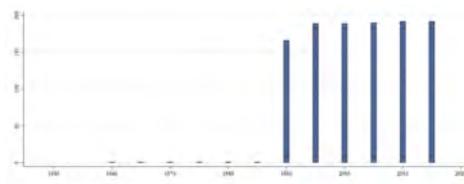
Min. Year:2009 Max. Year: 2019  
N: 70 n: 551  $\bar{N}$ : 50  $\bar{T}$ : 8

**4.104.138 International migrant stock (% of population) (wdi\_imig)**

International migrant stock is the number of people born in a country other than that in which they live. It also includes refugees. The data used to estimate the international migrant stock at a particular time are obtained mainly from population censuses. The estimates are derived from the data on foreign-born population—people who have residence in one country but were born in another country. When data on the foreign-born population are not available, data on foreign population—that is, people who are citizens of a country other than the country in which they reside—are used as estimates. After the breakup of the Soviet Union in 1991 people living in one of the newly independent countries who were born in another were classified as international migrants. Estimates of migrant stock in the newly independent states from 1990 on are based on the 1989 census of the Soviet Union. For countries with information on the international migrant stock for at least two points in time, interpolation or extrapolation was used to estimate the international migrant stock on July 1 of the reference years. For countries with only one observation, estimates for the reference years were derived using rates of change in the migrant stock in the years preceding or following the single observation available. A model was used to estimate migrants for countries that had no data.



Min. Year:2015 Max. Year: 2015  
N: 192



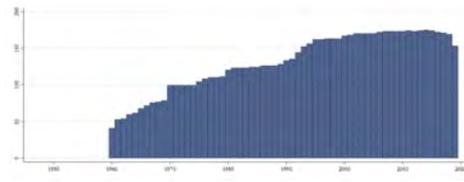
Min. Year:1960 Max. Year: 2015  
N: 196 n: 1124  $\bar{N}$ : 20  $\bar{T}$ : 6

#### 4.104.139 Imports of goods and services (% of GDP) (wdi\_import)

Imports of goods and services represent the value of all goods and other market services received from the rest of the world. They include the value of merchandise, freight, insurance, transport, travel, royalties, license fees, and other services, such as communication, construction, financial, information, business, personal, and government services. They exclude compensation of employees and investment income (formerly called factor services) and transfer payments.



Min. Year:2014 Max. Year: 2017  
N: 176



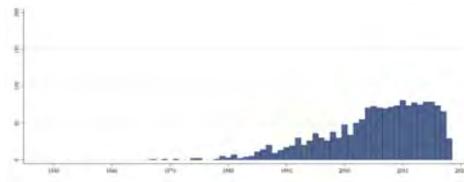
Min. Year:1960 Max. Year: 2019  
N: 188 n: 7870  $\bar{N}$ : 131  $\bar{T}$ : 42

#### 4.104.140 Income share held by highest 10% (wdi\_incs10h)

Income share held by highest 10%. Percentage share of income or consumption is the share that accrues to subgroups of population indicated by deciles or quintiles.



Min. Year:2014 Max. Year: 2018  
N: 121



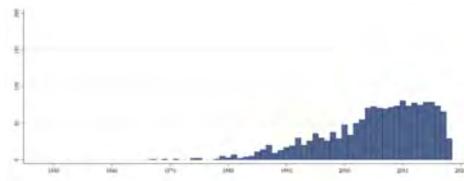
Min. Year:1967 Max. Year: 2018  
N: 163 n: 1626  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.141 Income share held by lowest 10% (wdi\_incs10l)

Income share held by lowest 10%. Percentage share of income or consumption is the share that accrues to subgroups of population indicated by deciles or quintiles.



Min. Year:2014 Max. Year: 2018  
N: 121



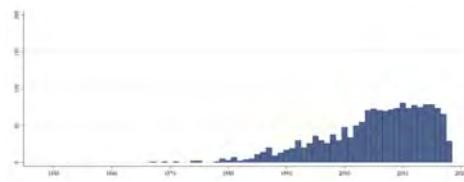
Min. Year:1967 Max. Year: 2018  
N: 162 n: 1625  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.142 Income share held by second 20% (wdi\_incs202)

Income share held by second 20%. Percentage share of income or consumption is the share that accrues to subgroups of population indicated by deciles or quintiles. Percentage shares by quintile may not sum to 100 because of rounding.



Min. Year:2014 Max. Year: 2018  
N: 121



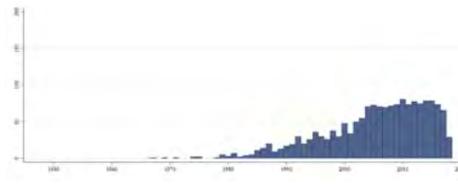
Min. Year:1967 Max. Year: 2018  
N: 163 n: 1626  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.143 Income share held by third 20% (wdi\_incs203)

Income share held by third 20%. Percentage share of income or consumption is the share that accrues to subgroups of population indicated by deciles or quintiles. Percentage shares by quintile may not sum to 100 because of rounding.



Min. Year:2014 Max. Year: 2018  
N: 121



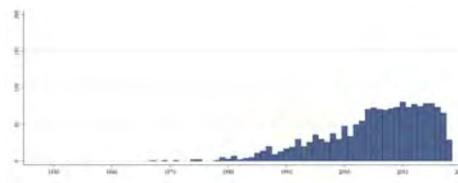
Min. Year:1967 Max. Year: 2018  
N: 163 n: 1626  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.144 Income share held by fourth 20% (wdi\_incs204)

Income share held by fourth 20%. Percentage share of income or consumption is the share that accrues to subgroups of population indicated by deciles or quintiles. Percentage shares by quintile may not sum to 100 because of rounding.



Min. Year:2014 Max. Year: 2018  
N: 121



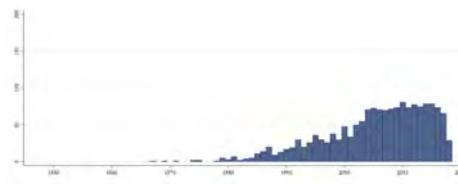
Min. Year:1967 Max. Year: 2018  
N: 163 n: 1626  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.145 Income share held by highest 20% (wdi\_incs20h)

Income share held by highest 20%. Percentage share of income or consumption is the share that accrues to subgroups of population indicated by deciles or quintiles. Percentage shares by quintile may not sum to 100 because of rounding.



Min. Year:2014 Max. Year: 2018  
N: 121



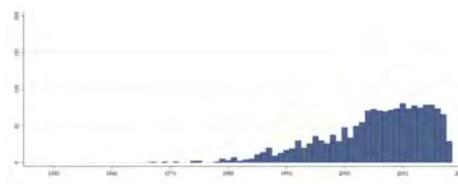
Min. Year:1967 Max. Year: 2018  
N: 163 n: 1626  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.146 Income share held by lowest 20% (wdi\_incs20l)

Income share held by lowest 20%. Percentage share of income or consumption is the share that accrues to subgroups of population indicated by deciles or quintiles. Percentage shares by quintile may not sum to 100 because of rounding.



Min. Year:2014 Max. Year: 2018  
N: 121



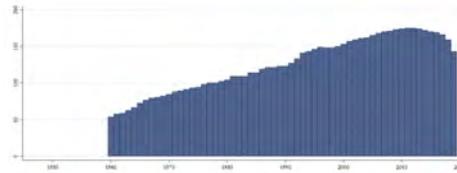
Min. Year:1967 Max. Year: 2018  
N: 162 n: 1625  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.147 Inflation, consumer prices (annual %) (wdi\_inflation)

Inflation as measured by the consumer price index reflects the annual percentage change in the cost to the average consumer of acquiring a basket of goods and services that may be fixed or changed at specified intervals, such as yearly. The Laspeyres formula is generally used.



Min. Year:2014 Max. Year: 2017  
N: 172



Min. Year:1960 Max. Year: 2019  
N: 182 n: 7502  $\bar{N}$ : 125  $\bar{T}$ : 41

#### 4.104.148 Informal payments to public officials (% of firms) (wdi\_infpay)

Informal payments to public officials are the percentage of firms expected to make informal payments to public officials to “get things done” with regard to customs, taxes, licenses, regulations, services, and the like.



Min. Year:2014 Max. Year: 2020  
N: 93

Variable not included  
in Time-Series Data

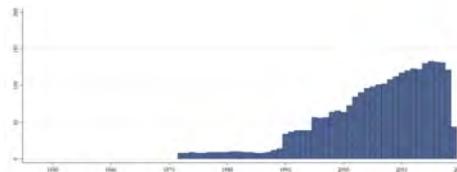
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.104.149 Interest payments (% of expense) (wdi\_interexp)

Interest payments as percentage of expense include interest payments on government debt—including long-term bonds, long-term loans, and other debt instruments—to domestic and foreign residents.



Min. Year:2015 Max. Year: 2017  
N: 136



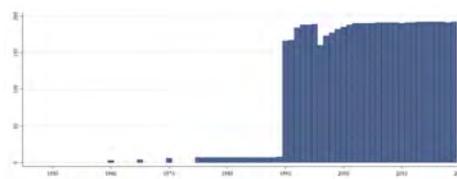
Min. Year:1972 Max. Year: 2019  
N: 153 n: 2756  $\bar{N}$ : 57  $\bar{T}$ : 18

#### 4.104.150 Individuals using the Internet (% of population) (wdi\_internet)

Internet users are individuals who have used the Internet (from any location) in the last 3 months. The Internet can be used via a computer, mobile phone, personal digital assistant, games machine, digital TV etc.



Min. Year:2017 Max. Year: 2017  
N: 192



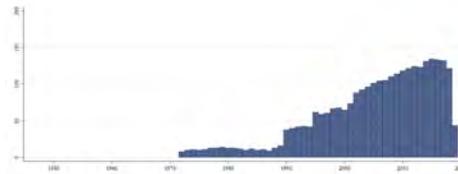
Min. Year:1960 Max. Year: 2019  
N: 196 n: 5705  $\bar{N}$ : 95  $\bar{T}$ : 29

#### 4.104.151 Interest payments (% of revenue) (wdi\_interrev)

Interest payments as percentage of revenue include interest payments on government debt—including long-term bonds, long-term loans, and other debt instruments—to domestic and foreign residents.



Min. Year:2015 Max. Year: 2017  
N: 137



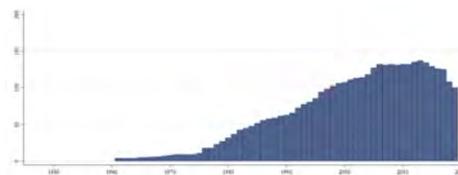
Min. Year:1972 Max. Year: 2019  
N: 156 n: 2861  $\bar{N}$ : 60  $\bar{T}$ : 18

#### 4.104.152 Real interest rate (%) (wdi\_intrate)

Real interest rate is the lending interest rate adjusted for inflation as measured by the GDP deflator. The terms and conditions attached to lending rates differ by country, however, limiting their comparability.



Min. Year:2014 Max. Year: 2017  
N: 134



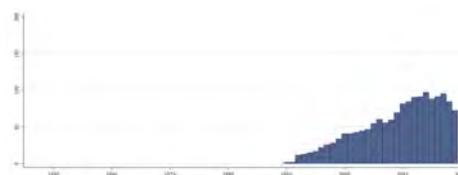
Min. Year:1961 Max. Year: 2019  
N: 143 n: 3999  $\bar{N}$ : 68  $\bar{T}$ : 28

#### 4.104.153 Labor force with advanced education % of total working-age pop. (wdi\_lfpedua)

The percentage of the working age population with an advanced level of education who are in the labor force. Advanced education comprises short-cycle tertiary education, a bachelor's degree or equivalent education level, a master's degree or equivalent education level, or doctoral degree or equivalent education level according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 132



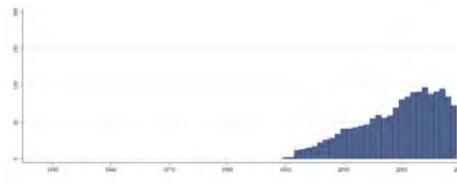
Min. Year:1990 Max. Year: 2019  
N: 154 n: 1567  $\bar{N}$ : 52  $\bar{T}$ : 10

#### 4.104.154 Labor force with advanced education % of female working-age pop. (wdi\_lfpeduaf)

The percentage of the working age female population with an advanced level of education who are in the labor force. Advanced education comprises short-cycle tertiary education, a bachelor's degree or equivalent education level, a master's degree or equivalent education level, or doctoral degree or equivalent education level according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 132



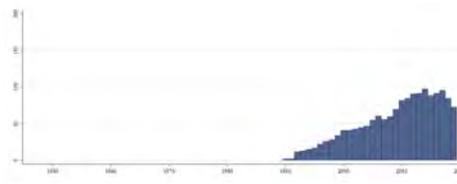
Min. Year:1990 Max. Year: 2019  
N: 154 n: 1564  $\bar{N}$ : 52  $\bar{T}$ : 10

#### 4.104.155 Labor force with advanced education % of male working-age pop. (wdi\_lfpeduam)

The percentage of the working age male population with an advanced level of education who are in the labor force. Advanced education comprises short-cycle tertiary education, a bachelor's degree or equivalent education level, a master's degree or equivalent education level, or doctoral degree or equivalent education level according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 132



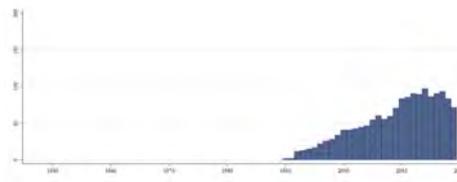
Min. Year:1990 Max. Year: 2019  
N: 154 n: 1567  $\bar{N}$ : 52  $\bar{T}$ : 10

#### 4.104.156 Labor force with basic education % of total working-age pop. basic edu. (wdi\_lfpedub)

The percentage of the working age population with a basic level of education who are in the labor force. Basic education comprises primary education or lower secondary education according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 131



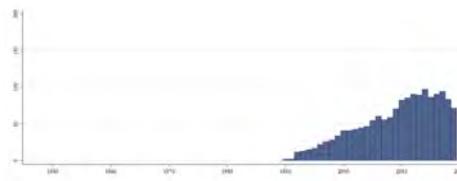
Min. Year:1990 Max. Year: 2019  
N: 154 n: 1563  $\bar{N}$ : 52  $\bar{T}$ : 10

#### 4.104.157 Labor force with basic education % of female working-age pop. basic edu. (wdi\_lfpedubf)

The percentage of the working age female population with a basic level of education who are in the labor force. Basic education comprises primary education or lower secondary education according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 131



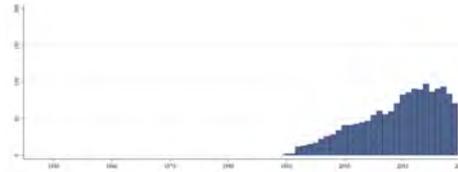
Min. Year:1990 Max. Year: 2019  
N: 153 n: 1562  $\bar{N}$ : 52  $\bar{T}$ : 10

**4.104.158 Labor force with basic education % of male working-age pop. w. basic edu. (wdi\_lfpedubm)**

The percentage of the working age male population with a basic level of education who are in the labor force. Basic education comprises primary education or lower secondary education according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 130



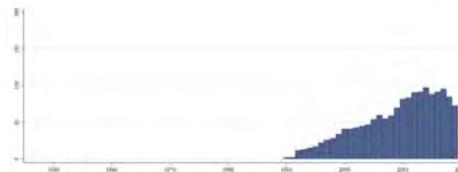
Min. Year:1990 Max. Year: 2019  
N: 152 n: 1561  $\bar{N}$ : 52  $\bar{T}$ : 10

**4.104.159 Labor force with intermediate education % of total working-age pop. (wdi\_lfpedui)**

The percentage of the working age population with an intermediate level of education who are in the labor force. Intermediate education comprises upper secondary or post-secondary non tertiary education according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 132



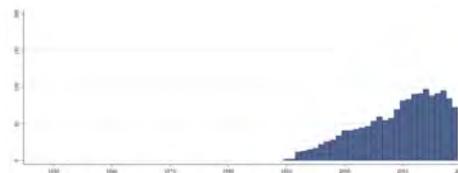
Min. Year:1990 Max. Year: 2019  
N: 156 n: 1562  $\bar{N}$ : 52  $\bar{T}$ : 10

**4.104.160 Labor force with intermediate education % of female working-age pop. (wdi\_lfpeduif)**

The percentage of the working age female population with an intermediate level of education who are in the labor force. Intermediate education comprises upper secondary or post-secondary non tertiary education according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 132



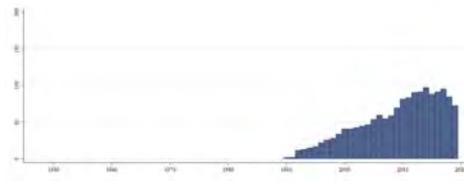
Min. Year:1990 Max. Year: 2019  
N: 156 n: 1561  $\bar{N}$ : 52  $\bar{T}$ : 10

**4.104.161 Labor force with intermediate education % of male working-age pop. (wdi\_lfpeduim)**

The percentage of the working age male population with an intermediate level of education who are in the labor force. Intermediate education comprises upper secondary or post-secondary non tertiary education according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 132



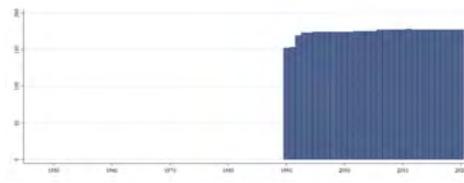
Min. Year:1990 Max. Year: 2019  
N: 156 n: 1562  $\bar{N}$ : 52  $\bar{T}$ : 10

#### 4.104.162 Labor force, female (% of total labor force) (wdi\_lfpf)

Female labor force as a percentage of the total show the extent to which women are active in the labor force. Labor force comprises people ages 15 and older who meet the International Labour Organization's definition of the economically active population.



Min. Year:2017 Max. Year: 2017  
N: 177



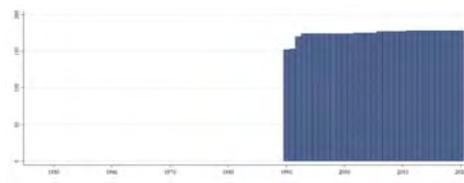
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5394  $\bar{N}$ : 174  $\bar{T}$ : 30

#### 4.104.163 Labor force participation rate (% female ages 15+) (modeled ILO) (wdi\_lfpflo15)

Labor force participation rate (% of female ages 15+) (modeled ILO est.). Labor force participation rate is the proportion of the population ages 15 and older that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2017 Max. Year: 2017  
N: 178



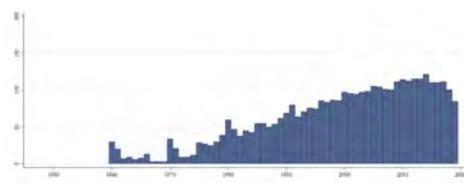
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5406  $\bar{N}$ : 174  $\bar{T}$ : 30

#### 4.104.164 Labor force participation rate (% of female ages 15+) (national est.) (wdi\_lfpfne15)

Labor force participation rate (% of female ages 15+) (national est.). Labor force participation rate is the proportion of the population ages 15 and older that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2014 Max. Year: 2019  
N: 155



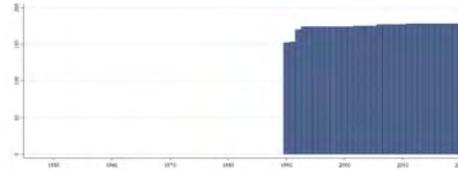
Min. Year:1960 Max. Year: 2019  
N: 191 n: 3719  $\bar{N}$ : 62  $\bar{T}$ : 19

**4.104.165 Labor force participation rate (% of total ages 15+) (modeled ILO) (wdi\_ - lfpilo15)**

Labor force participation rate (% of total ages 15+) (modeled ILO est.). Labor force participation rate is the proportion of the population ages 15 and older that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2017 Max. Year: 2017  
N: 178



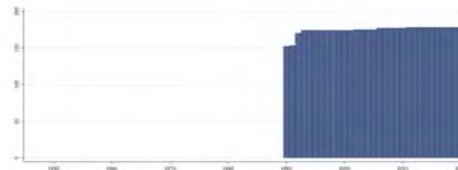
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5406  $\bar{N}$ : 174  $\bar{T}$ : 30

**4.104.166 Labor force participation rate(% of male ages 15+) (modeled ILO) (wdi\_ - lfpilo15)**

Labor force participation rate (% of male ages 15+) (modeled ILO est.). Labor force participation rate is the proportion of the population ages 15 and older that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2017 Max. Year: 2017  
N: 178



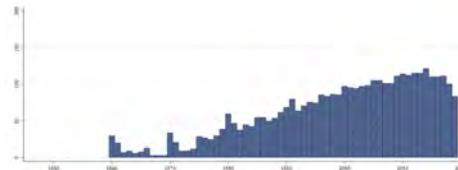
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5406  $\bar{N}$ : 174  $\bar{T}$ : 30

**4.104.167 Labor force participation rate (% of male ages 15+) (national est.) (wdi\_ - lfpme15)**

Labor force participation rate (% of male ages 15+) (national est.). Labor force participation rate is the proportion of the population ages 15 and older that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2014 Max. Year: 2019  
N: 155



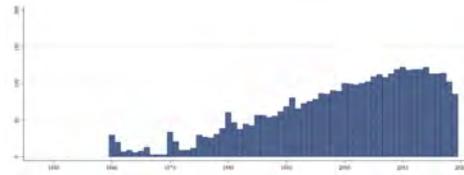
Min. Year:1960 Max. Year: 2019  
N: 191 n: 3720  $\bar{N}$ : 62  $\bar{T}$ : 19

**4.104.168 Labor force participation rate (% of total ages 15+) (national est.) (wdi\_ - lfpne15)**

Labor force participation rate (% of total ages 15+) (national est.). Labor force participation rate is the proportion of the population ages 15 and older that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2014 Max. Year: 2019  
N: 157



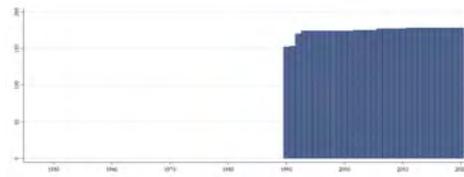
Min. Year:1960 Max. Year: 2019  
N: 193 n: 3844  $\bar{N}$ : 64  $\bar{T}$ : 20

**4.104.169 Labor force participation rate, total (% of total pop. ages 15-64) (ILO) (wdi\_lfpr)**

Labor force participation rate, total (% of total population ages 15-64) (modeled ILO estimate). Labor force participation rate is the proportion of the population ages 15-64 that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2017 Max. Year: 2017  
N: 178



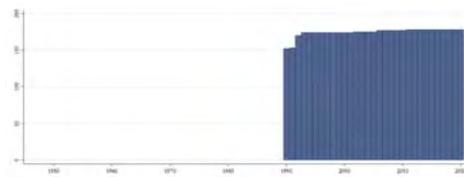
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5406  $\bar{N}$ : 174  $\bar{T}$ : 30

**4.104.170 Labor force participation rate, female (% of female pop. ages 15-64) (ILO) (wdi\_lfprf)**

Labor force participation rate, female (% of female population ages 15-64) (modeled ILO estimate). Labor force participation rate is the proportion of the population ages 15-64 that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2017 Max. Year: 2017  
N: 178



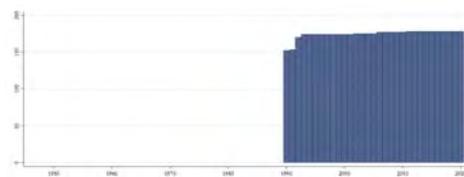
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5406  $\bar{N}$ : 174  $\bar{T}$ : 30

**4.104.171 Labor force participation rate, male (% of male pop. ages 15-64) (ILO) (wdi\_lfprm)**

Labor force participation rate, male (% of male population ages 15-64) (modeled ILO estimate). Labor force participation rate is the proportion of the population ages 15-64 that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2017 Max. Year: 2017  
N: 178



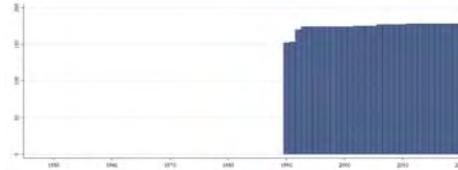
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5406  $\bar{N}$ : 174  $\bar{T}$ : 30

**4.104.172 Labor force participation rate 15-24, female (%) (modeled ILO) (wdi\_lfpy-filo)**

Labor force participation rate 15-24, female (%) (modeled ILO estimate). Labor force participation rate for ages 15-24 is the proportion of the population ages 15-24 that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2017 Max. Year: 2017  
N: 178



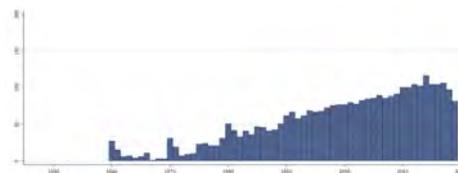
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5406  $\bar{N}$ : 174  $\bar{T}$ : 30

**4.104.173 Labor force participation rate 15-24, female (%) (national est.) (wdi\_lf-pyfne)**

Labor force participation rate 15-24, female (%) (national estimate). Labor force participation rate for ages 15-24 is the proportion of the population ages 15-24 that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2014 Max. Year: 2019  
N: 150



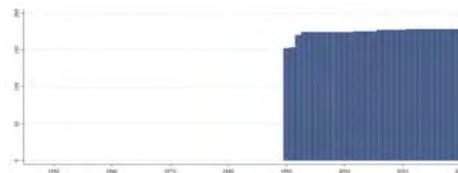
Min. Year:1960 Max. Year: 2019  
N: 185 n: 3247  $\bar{N}$ : 54  $\bar{T}$ : 18

**4.104.174 Labor force participation rate 15-24, total (%) (modeled ILO) (wdi\_lfpyilo)**

Labor force participation rate 15-24, total (%) (modeled ILO estimate). Labor force participation rate for ages 15-24 is the proportion of the population ages 15-24 that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2017 Max. Year: 2017  
N: 178



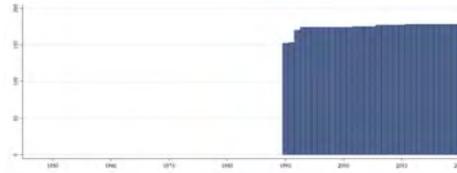
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5406  $\bar{N}$ : 174  $\bar{T}$ : 30

**4.104.175 Labor force participation rate 15-24, male (%) (modeled ILO) (wdi\_lf-pymilo)**

Labor force participation rate 15-24, male (%) (modeled ILO estimate). Labor force participation rate for ages 15-24 is the proportion of the population ages 15-24 that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2017 Max. Year: 2017  
N: 178



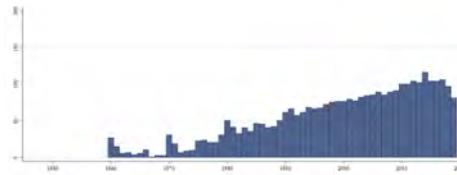
Min. Year:1990 Max. Year: 2020  
N: 181 n: 5406  $\bar{N}$ : 174  $\bar{T}$ : 30

#### 4.104.176 Labor force participation rate 15-24, male (%) (national est.) (wdi\_lfpymne)

Labor force participation rate 15-24, male (%) (national estimate). Labor force participation rate for ages 15-24 is the proportion of the population ages 15-24 that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2014 Max. Year: 2019  
N: 150



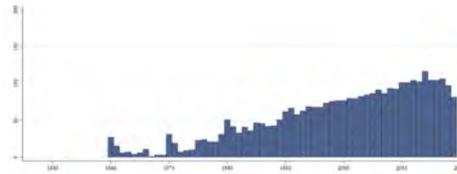
Min. Year:1960 Max. Year: 2019  
N: 185 n: 3248  $\bar{N}$ : 54  $\bar{T}$ : 18

#### 4.104.177 Labor force participation rate 15-24, total (%) (national est.) (wdi\_lfpyne)

Labor force participation rate 15-24, total (%) (national estimate). Labor force participation rate for ages 15-24 is the proportion of the population ages 15-24 that is economically active: all people who supply labor for the production of goods and services during a specified period.



Min. Year:2014 Max. Year: 2019  
N: 150



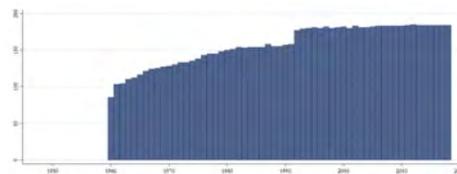
Min. Year:1960 Max. Year: 2019  
N: 186 n: 3265  $\bar{N}$ : 54  $\bar{T}$ : 18

#### 4.104.178 Life expectancy at birth, total (years) (wdi\_lifexp)

Life expectancy at birth indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life.



Min. Year:2017 Max. Year: 2017  
N: 184



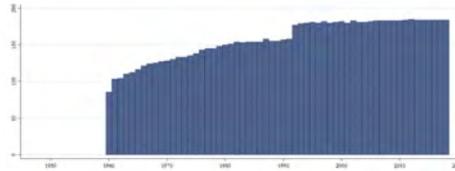
Min. Year:1960 Max. Year: 2018  
N: 196 n: 9276  $\bar{N}$ : 157  $\bar{T}$ : 47

#### 4.104.179 Life expectancy at birth, female (years) (wdi\_lifexpf)

Life expectancy at birth for females indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life.



Min. Year:2017 Max. Year: 2017  
N: 184



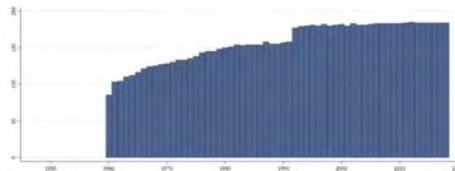
Min. Year:1960 Max. Year: 2018  
N: 196 n: 9276  $\bar{N}$ : 157  $\bar{T}$ : 47

#### 4.104.180 Life expectancy at birth, male (years) (wdi\_lifexpm)

Life expectancy at birth for males indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life.



Min. Year:2017 Max. Year: 2017  
N: 184



Min. Year:1960 Max. Year: 2018  
N: 196 n: 9276  $\bar{N}$ : 157  $\bar{T}$ : 47

#### 4.104.181 Literacy rate, adult total (% of people ages 15 and above) (wdi\_litrad)

Percentage of the population age 15 and above who can, with understanding, read and write a short, simple statement on their everyday life. Generally, 'literacy' also encompasses 'numeracy', the ability to make simple arithmetic calculations. This indicator is calculated by dividing the number of literates aged 15 years and over by the corresponding age group population and multiplying the result by 100.



Min. Year:2014 Max. Year: 2018  
N: 137



Min. Year:1970 Max. Year: 2019  
N: 161 n: 881  $\bar{N}$ : 18  $\bar{T}$ : 5

#### 4.104.182 Literacy rate, adult female (% of females ages 15 and above) (wdi\_litradf)

Percentage of the female population age 15 and above who can, with understanding, read and write a short, simple statement on their everyday life. Generally, 'literacy' also encompasses 'numeracy', the ability to make simple arithmetic calculations. This indicator is calculated by dividing the number of literates aged 15 years and over by the corresponding age group population and multiplying the result by 100.



Min. Year:2014 Max. Year: 2018  
N: 137



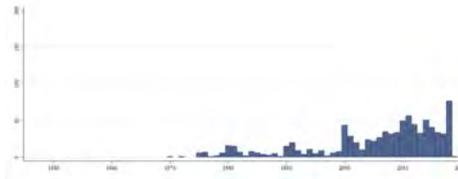
Min. Year:1970 Max. Year: 2019  
N: 161 n: 878  $\bar{N}$ : 18  $\bar{T}$ : 5

#### 4.104.183 Literacy rate, adult male (% of males ages 15 and above) (wdi\_litradm)

Percentage of the male population age 15 and above who can, with understanding, read and write a short, simple statement on their everyday life. Generally, 'literacy' also encompasses 'numeracy', the ability to make simple arithmetic calculations. This indicator is calculated by dividing the number of literates aged 15 years and over by the corresponding age group population and multiplying the result by 100.



Min. Year:2014 Max. Year: 2018  
N: 137



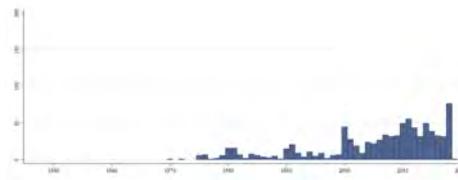
Min. Year:1970 Max. Year: 2019  
N: 161 n: 878  $\bar{N}$ : 18  $\bar{T}$ : 5

#### 4.104.184 Literacy rate, youth total (% of people ages 15-24) (wdi\_litry)

Number of people age 15 to 24 years who can both read and write with understanding a short simple statement on their everyday life, divided by the population in that age group. Generally, 'literacy' also encompasses 'numeracy', the ability to make simple arithmetic calculations. Divide the number of people aged 15 to 24 years who are literate by the total population in the same age group and multiply the result by 100.



Min. Year:2014 Max. Year: 2018  
N: 136



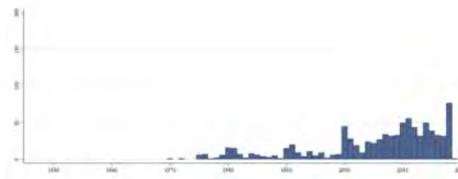
Min. Year:1970 Max. Year: 2019  
N: 159 n: 868  $\bar{N}$ : 17  $\bar{T}$ : 5

#### 4.104.185 Literacy rate, youth female (% of females ages 15-24) (wdi\_litryf)

Number of women age 15 to 24 years who can both read and write with understanding a short simple statement on their everyday life, divided by the population in that age group. Generally, 'literacy' also encompasses 'numeracy', the ability to make simple arithmetic calculations. Divide the number of people aged 15 to 24 years who are literate by the total population in the same age group and multiply the result by 100.



Min. Year:2014 Max. Year: 2018  
N: 136



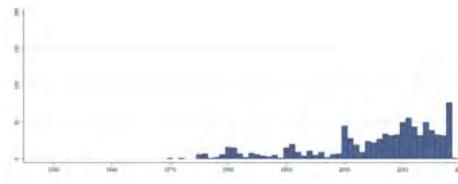
Min. Year:1970 Max. Year: 2019  
N: 159 n: 866  $\bar{N}$ : 17  $\bar{T}$ : 5

#### 4.104.186 Literacy rate, youth male (% of males ages 15-24) (wdi\_litrym)

Number of men people age 15 to 24 years who can both read and write with understanding a short simple statement on their everyday life, divided by the population in that age group. Generally, 'literacy' also encompasses 'numeracy', the ability to make simple arithmetic calculations. Divide the number of people aged 15 to 24 years who are literate by the total population in the same age group and multiply the result by 100.



Min. Year:2014 Max. Year: 2018  
N: 136



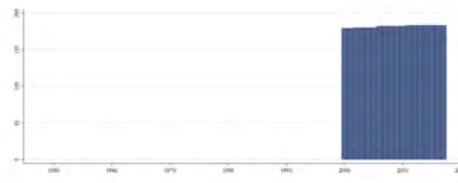
Min. Year:1970 Max. Year: 2019  
N: 159 n: 866  $\bar{N}$ : 17  $\bar{T}$ : 5

#### 4.104.187 Lifetime risk of maternal death (%) (wdi\_lrmd)

Life time risk of maternal death is the probability that a 15-year-old female will die eventually from a maternal cause assuming that current levels of fertility and mortality (including maternal mortality) do not change in the future, taking into account competing causes of death.



Min. Year:2017 Max. Year: 2017  
N: 183



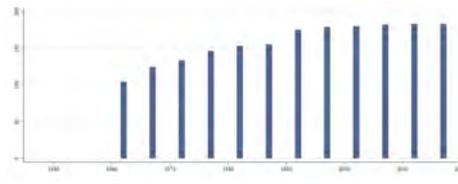
Min. Year:2000 Max. Year: 2017  
N: 184 n: 3269  $\bar{N}$ : 182  $\bar{T}$ : 18

#### 4.104.188 Net migration (wdi\_migration)

Net migration is the net total of migrants during the period, that is, the total number of immigrants less the annual number of emigrants, including both citizens and noncitizens. Data are five-year estimates.



Min. Year:2017 Max. Year: 2017  
N: 183



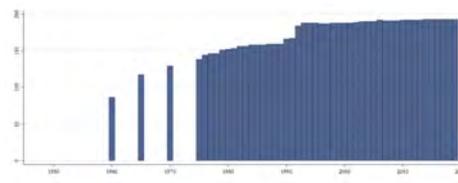
Min. Year:1962 Max. Year: 2017  
N: 189 n: 1897  $\bar{N}$ : 34  $\bar{T}$ : 10

#### 4.104.189 Mobile cellular subscriptions (per 100 people) (wdi\_mobile)

Mobile cellular telephone subscriptions are subscriptions to a public mobile telephone service that provide access to the PSTN using cellular technology. The indicator includes (and is split into) the number of postpaid subscriptions, and the number of active prepaid accounts (i.e. that have been used during the last three months). The indicator applies to all mobile cellular subscriptions that offer voice communications. It excludes subscriptions via data cards or USB modems, subscriptions to public mobile data services, private trunked mobile radio, telepoint, radio paging and telemetry services.



Min. Year:2017 Max. Year: 2017  
N: 193



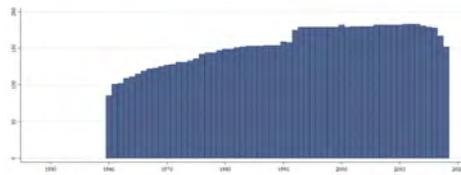
Min. Year:1960 Max. Year: 2019  
N: 200 n: 8283  $\bar{N}$ : 138  $\bar{T}$ : 41

#### 4.104.190 Mortality rate, adult, female (per 1,000 female adults) (wdi\_mortf)

Adult mortality rate is the probability of dying between the ages of 15 and 60 – that is, the probability of a 15-year-old dying before reaching age 60, if subject to age-specific mortality rates of the specified year between those ages.



Min. Year:2014 Max. Year: 2017  
N: 181



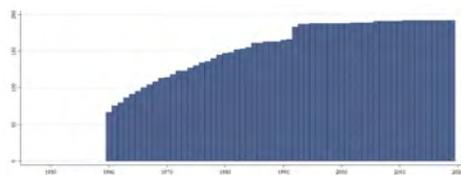
Min. Year:1960 Max. Year: 2018  
N: 193 n: 9140  $\bar{N}$ : 155  $\bar{T}$ : 47

#### 4.104.191 Mortality rate, infant (per 1,000 live births) (wdi\_mortinf)

Infant mortality rate is the number of infants dying before reaching one year of age, per 1,000 live births in a given year.



Min. Year:2017 Max. Year: 2017  
N: 192



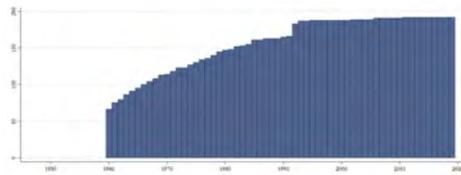
Min. Year:1960 Max. Year: 2019  
N: 199 n: 9420  $\bar{N}$ : 157  $\bar{T}$ : 47

#### 4.104.192 Mortality rate, infant, female (per 1,000 live births) (wdi\_mortinf)

Infant mortality rate, female is the number of female infants dying before reaching one year of age, per 1,000 female live births in a given year.



Min. Year:2017 Max. Year: 2017  
N: 192



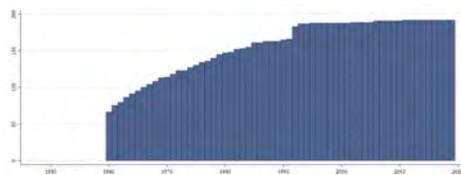
Min. Year:1960 Max. Year: 2019  
N: 199 n: 9420  $\bar{N}$ : 157  $\bar{T}$ : 47

#### 4.104.193 Mortality rate, infant, male (per 1,000 live births) (wdi\_mortinfm)

Infant mortality rate, male is the number of male infants dying before reaching one year of age, per 1,000 male live births in a given year.



Min. Year:2017 Max. Year: 2017  
N: 192



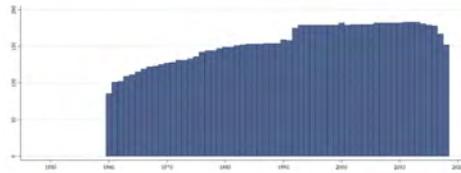
Min. Year:1960 Max. Year: 2019  
N: 199 n: 9420  $\bar{N}$ : 157  $\bar{T}$ : 47

#### 4.104.194 Mortality rate, adult, male (per 1,000 male adults) (wdi\_mortm)

Adult mortality rate is the probability of dying between the ages of 15 and 60—that is, the probability of a 15-year-old dying before reaching age 60, if subject to age-specific mortality rates of the specified year between those ages.



Min. Year:2014 Max. Year: 2017  
N: 181



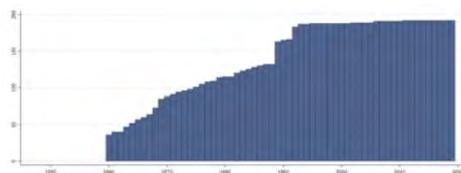
Min. Year:1960 Max. Year: 2018  
N: 193 n: 9140  $\bar{N}$ : 155  $\bar{T}$ : 47

#### 4.104.195 Mortality rate, neonatal (per 1,000 live births) (wdi\_mortnn)

Neonatal mortality rate is the number of neonates dying before reaching 28 days of age, per 1,000 live births in a given year.



Min. Year:2017 Max. Year: 2017  
N: 192



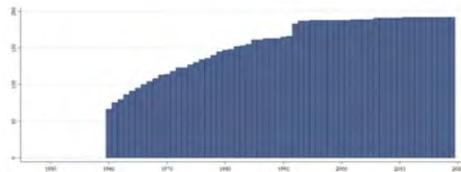
Min. Year:1960 Max. Year: 2019  
N: 198 n: 8484  $\bar{N}$ : 141  $\bar{T}$ : 43

#### 4.104.196 Mortality rate, under-5 (per 1,000 live births) (wdi\_mortu5)

Under-five mortality rate is the probability per 1,000 that a newborn baby will die before reaching age five, if subject to age-specific mortality rates of the specified year.



Min. Year:2017 Max. Year: 2017  
N: 192



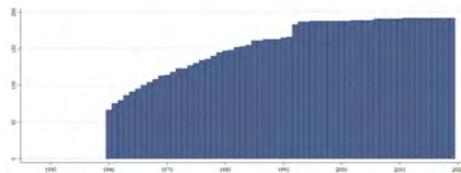
Min. Year:1960 Max. Year: 2019  
N: 199 n: 9420  $\bar{N}$ : 157  $\bar{T}$ : 47

#### 4.104.197 Mortality rate, under-5, female (per 1,000 live births) (wdi\_mortu5f)

Under-five mortality rate, female is the probability per 1,000 that a newborn female baby will die before reaching age five, if subject to female age-specific mortality rates of the specified year.



Min. Year:2017 Max. Year: 2017  
N: 192



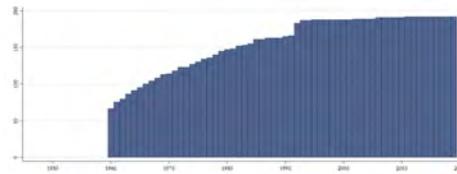
Min. Year:1960 Max. Year: 2019  
N: 199 n: 9420  $\bar{N}$ : 157  $\bar{T}$ : 47

#### 4.104.198 Mortality rate, under-5, male (per 1,000 live births) (wdi\_mortu5m)

Under-five mortality rate, male is the probability per 1,000 that a newborn male baby will die before reaching age five, if subject to male age-specific mortality rates of the specified year.



Min. Year:2017 Max. Year: 2017  
N: 192



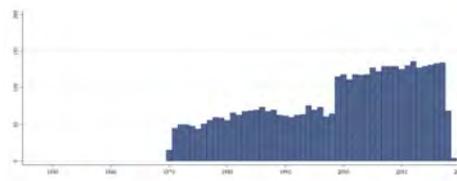
Min. Year:1960 Max. Year: 2019  
N: 199 n: 9420  $\bar{N}$ : 157  $\bar{T}$ : 47

#### 4.104.199 School enrollment, primary (% net) (wdi\_nerp)

Net enrollment rate is the ratio of children of official school age who are enrolled in school to the population of the corresponding official school age. Primary education provides children with basic reading, writing, and mathematics skills along with an elementary understanding of such subjects as history, geography, natural science, social science, art, and music.



Min. Year:2014 Max. Year: 2018  
N: 158



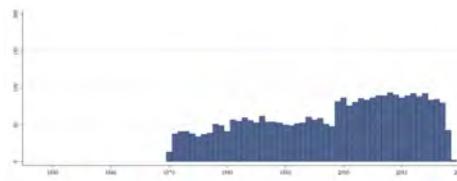
Min. Year:1970 Max. Year: 2019  
N: 191 n: 4191  $\bar{N}$ : 84  $\bar{T}$ : 22

#### 4.104.200 School enrollment, primary, female (% net) (wdi\_nerpf)

Net enrollment rate is the ratio of girls of official school age who are enrolled in school to the population of the corresponding official school age. Primary education provides children with basic reading, writing, and mathematics skills along with an elementary understanding of such subjects as history, geography, natural science, social science, art, and music. Females.



Min. Year:2014 Max. Year: 2018  
N: 121



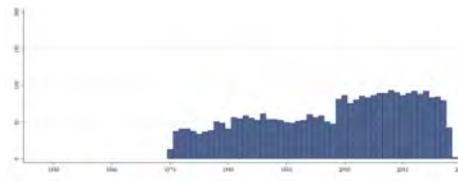
Min. Year:1970 Max. Year: 2019  
N: 186 n: 3092  $\bar{N}$ : 62  $\bar{T}$ : 17

#### 4.104.201 School enrollment, primary, male (% net) (wdi\_nerpm)

Net enrollment rate is the ratio of boys of official school age who are enrolled in school to the population of the corresponding official school age. Primary education provides children with basic reading, writing, and mathematics skills along with an elementary understanding of such subjects as history, geography, natural science, social science, art, and music. Male.



Min. Year:2014 Max. Year: 2018  
N: 121



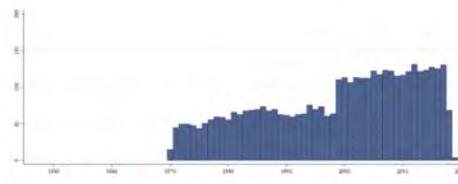
Min. Year:1970 Max. Year: 2019  
N: 186 n: 3091  $\bar{N}$ : 62  $\bar{T}$ : 17

#### 4.104.202 Adjusted net enrollment rate, primary (% of primary school children) (wdi\_nerpr)

Adjusted net enrollment is the number of pupils of the school-age group for primary education, enrolled either in primary or secondary education, expressed as a percentage of the total population in that age group.



Min. Year:2014 Max. Year: 2018  
N: 157



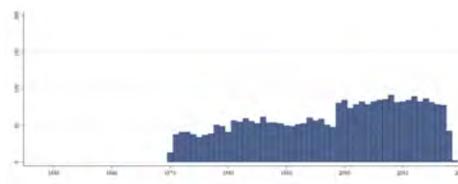
Min. Year:1970 Max. Year: 2019  
N: 191 n: 4071  $\bar{N}$ : 81  $\bar{T}$ : 21

#### 4.104.203 Adjusted net enrollment rate, primary female (% of primary school children) (wdi\_nerprf)

Adjusted net enrollment is the number of female pupils of the school-age group for primary education, enrolled either in primary or secondary education, expressed as a percentage of the total population in that age group. Female.



Min. Year:2014 Max. Year: 2018  
N: 119



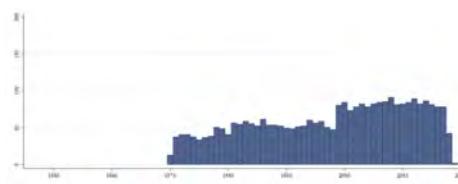
Min. Year:1970 Max. Year: 2019  
N: 186 n: 3025  $\bar{N}$ : 61  $\bar{T}$ : 16

#### 4.104.204 Adjusted net enrollment rate, primary male (% of primary school children) (wdi\_nerprm)

Adjusted net enrollment is the number of male pupils of the school-age group for primary education, enrolled either in primary or secondary education, expressed as a percentage of the total population in that age group. Male.



Min. Year:2014 Max. Year: 2018  
N: 119



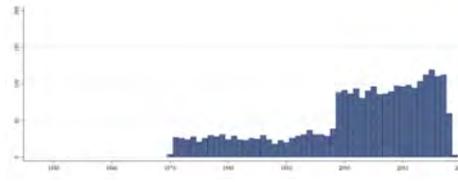
Min. Year:1970 Max. Year: 2019  
N: 186 n: 3025  $\bar{N}$ : 61  $\bar{T}$ : 16

#### 4.104.205 School enrollment, secondary (% net) (wdi\_ners)

Net enrollment rate is the ratio of children of official school age who are enrolled in school to the population of the corresponding official school age. Secondary education completes the provision of basic education that began at the primary level, and aims at laying the foundations for lifelong learning and human development, by offering more subject- or skill-oriented instruction using more specialized teachers.



Min. Year:2014 Max. Year: 2018  
N: 145



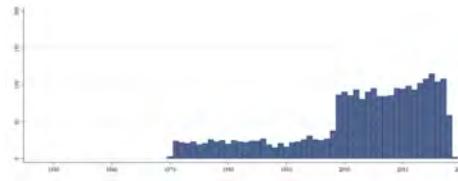
Min. Year:1970 Max. Year: 2019  
N: 180 n: 2656  $\bar{N}$ : 53  $\bar{T}$ : 15

#### 4.104.206 School enrollment, secondary, female (% net) (wdi\_nersf)

Net enrollment rate is the ratio of girls of official school age who are enrolled in school to the population of the corresponding official school age. Secondary education completes the provision of basic education that began at the primary level, and aims at laying the foundations for lifelong learning and human development, by offering more subject- or skill-oriented instruction using more specialized teachers. Female.



Min. Year:2014 Max. Year: 2018  
N: 143



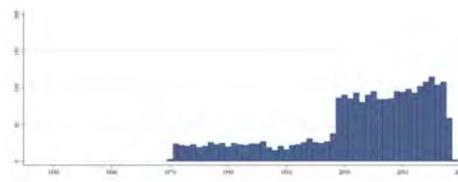
Min. Year:1970 Max. Year: 2019  
N: 179 n: 2517  $\bar{N}$ : 50  $\bar{T}$ : 14

#### 4.104.207 School enrollment, secondary, male (% net) (wdi\_nersm)

Net enrollment rate is the ratio of boys of official school age who are enrolled in school to the population of the corresponding official school age. Secondary education completes the provision of basic education that began at the primary level, and aims at laying the foundations for lifelong learning and human development, by offering more subject- or skill-oriented instruction using more specialized teachers. Male.



Min. Year:2014 Max. Year: 2018  
N: 143



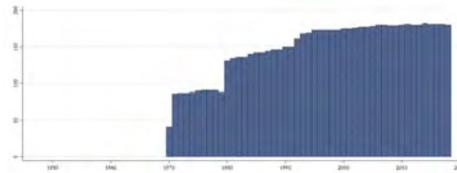
Min. Year:1970 Max. Year: 2019  
N: 179 n: 2517  $\bar{N}$ : 50  $\bar{T}$ : 14

#### 4.104.208 Oil rents (% of GDP) (wdi\_oilrent)

Oil rents are the difference between the value of crude oil production at world prices and total costs of production.



Min. Year:2014 Max. Year: 2017  
N: 183



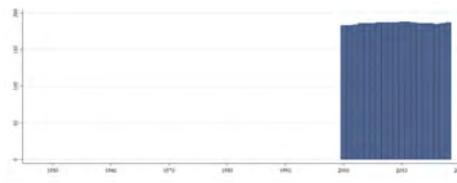
Min. Year:1970 Max. Year: 2018  
N: 189 n: 7302  $\bar{N}$ : 149  $\bar{T}$ : 39

#### 4.104.209 Out-of-pocket expenditure (% of current health expenditure) (wdi\_ophexp)

Out-of-pocket expenditure (% of current health expenditure). Share of out-of-pocket payments of total current health expenditures. Out-of-pocket payments are spending on health directly out-of-pocket by households.



Min. Year:2015 Max. Year: 2018  
N: 188



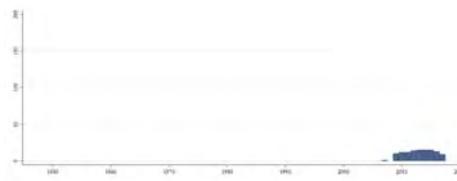
Min. Year:2000 Max. Year: 2018  
N: 191 n: 3535  $\bar{N}$ : 186  $\bar{T}$ : 19

#### 4.104.210 Presence of peace keepers (number) (wdi\_peacekeep)

Presence of peacebuilders and peacekeepers are active in peacebuilding and peacekeeping. Peacebuilding reduces the risk of lapsing or relapsing into conflict by strengthening national capacities at all levels of for conflict management, and to lay the foundation for sustainable peace and development. Peacekeepers provide essential security to preserve the peace, however fragile, where fighting has been halted, and to assist in implementing agreements achieved by the peacemakers. Peacekeepers deploy to war-torn regions where no one else is willing or able to go and prevent conflict from returning or escalating. Peacekeepers include police, troops, and military observers.



Min. Year:2014 Max. Year: 2017  
N: 18



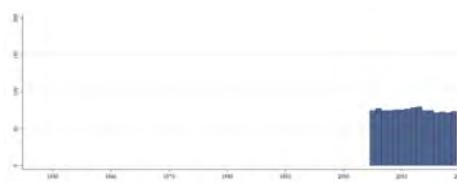
Min. Year:2007 Max. Year: 2017  
N: 22 n: 116  $\bar{N}$ : 11  $\bar{T}$ : 5

#### 4.104.211 CPIA policy and institutions for environmental sustain (1=low to 6=high) (wdi\_piesr)

Policy and institutions for environmental sustainability assess the extent to which environmental policies foster the protection and sustainable use of natural resources and the management of pollution.



Min. Year:2015 Max. Year: 2019  
N: 76



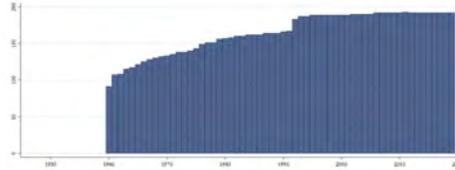
Min. Year:2005 Max. Year: 2019  
N: 86 n: 1132  $\bar{N}$ : 75  $\bar{T}$ : 13

#### 4.104.212 Population, total (wdi\_pop)

Total population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship. The values shown are midyear estimates.



Min. Year:2017 Max. Year: 2017  
N: 192



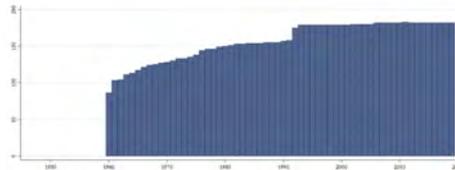
Min. Year:1960 Max. Year: 2019  
N: 200 n: 9883  $\bar{N}$ : 165  $\bar{T}$ : 49

#### 4.104.213 Population ages 0-14 (% of total population) (wdi\_pop14)

Total population between the ages 0 to 14 as a percentage of the total population. Population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship.



Min. Year:2017 Max. Year: 2017  
N: 182



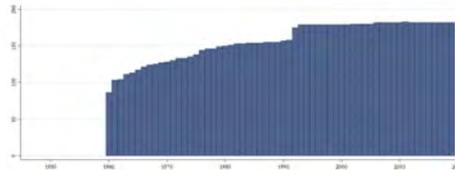
Min. Year:1960 Max. Year: 2019  
N: 190 n: 9418  $\bar{N}$ : 157  $\bar{T}$ : 50

#### 4.104.214 Population ages 15-64 (% of total population) (wdi\_pop1564)

Total population between the ages 15 to 64 as a percentage of the total population. Population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship.



Min. Year:2017 Max. Year: 2017  
N: 182



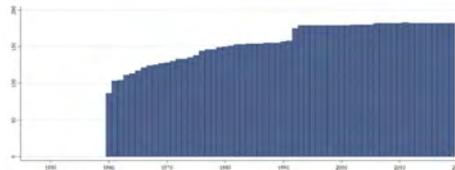
Min. Year:1960 Max. Year: 2019  
N: 190 n: 9418  $\bar{N}$ : 157  $\bar{T}$ : 50

#### 4.104.215 Population ages 65 and above (% of total population) (wdi\_pop65)

Population ages 65 and above as a percentage of the total population. Population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship.



Min. Year:2017 Max. Year: 2017  
N: 182

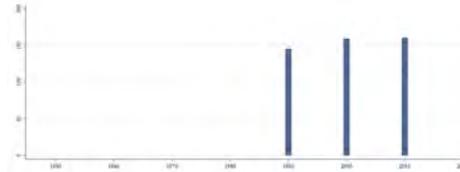


Min. Year:1960 Max. Year: 2019  
N: 190 n: 9418  $\bar{N}$ : 157  $\bar{T}$ : 50

**4.104.216 Population living in areas where elevation below 5 mts (% of total pop.) (wdi\_popbelow)**

Population below 5m is the percentage of the total population living in areas where the elevation is 5 meters or less.

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

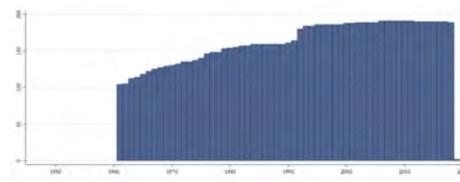
Min. Year:1990 Max. Year: 2010  
N: 162 n: 464  $\bar{N}$ : 22  $\bar{T}$ : 3

**4.104.217 Population density (people per sq. km of land area) (wdi\_popden)**

Population density is midyear population divided by land area in square kilometers. Population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship—except for refugees not permanently settled in the country of asylum, who are generally considered part of the population of their country of origin. Land area is a country’s total area, excluding area under inland water bodies, national claims to continental shelf, and exclusive economic zones. In most cases the definition of inland water bodies includes major rivers and lakes.



Min. Year:2017 Max. Year: 2017  
N: 190



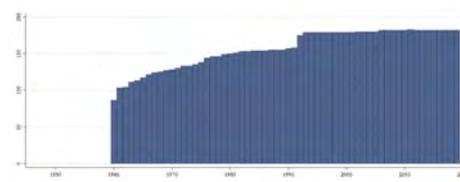
Min. Year:1961 Max. Year: 2019  
N: 197 n: 9449  $\bar{N}$ : 160  $\bar{T}$ : 48

**4.104.218 Population, female (% of total population) (wdi\_popf)**

Female population is the percentage of the population that is female. Population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship.



Min. Year:2017 Max. Year: 2017  
N: 182



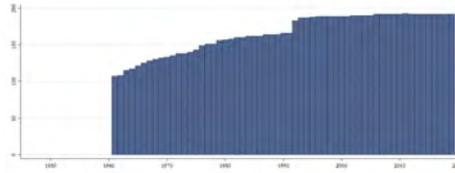
Min. Year:1960 Max. Year: 2019  
N: 190 n: 9418  $\bar{N}$ : 157  $\bar{T}$ : 50

**4.104.219 Population growth (annual %) (wdi\_popgr)**

Annual population growth rate for year t is the exponential rate of growth of midyear population from year t-1 to t, expressed as a percentage . Population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship.



Min. Year:2017 Max. Year: 2017  
N: 192



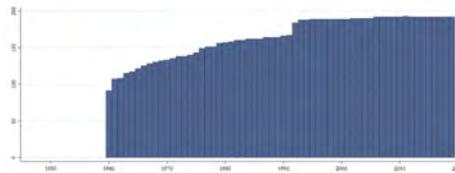
Min. Year:1961 Max. Year: 2019  
N: 200 n: 9790  $\bar{N}$ : 166  $\bar{T}$ : 49

**4.104.220 Rural population (% of total population) (wdi\_poprul)**

Rural population refers to people living in rural areas as defined by national statistical offices. It is calculated as the difference between total population and urban population.



Min. Year:2017 Max. Year: 2017  
N: 192



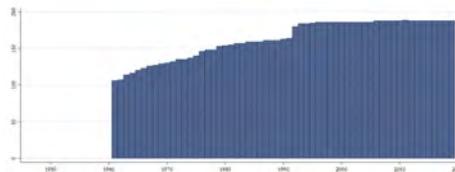
Min. Year:1960 Max. Year: 2019  
N: 200 n: 9886  $\bar{N}$ : 165  $\bar{T}$ : 49

**4.104.221 Rural population growth (annual %) (wdi\_poprulgr)**

Rural population growth. Rural population refers to people living in rural areas as defined by national statistical offices. It is calculated as the difference between total population and urban population.



Min. Year:2017 Max. Year: 2017  
N: 188



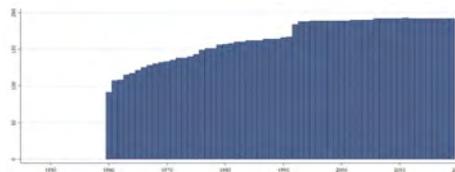
Min. Year:1961 Max. Year: 2019  
N: 197 n: 9608  $\bar{N}$ : 163  $\bar{T}$ : 49

**4.104.222 Urban population (% of total population) (wdi\_popurb)**

Urban population refers to people living in urban areas as defined by national statistical offices. The data are collected and smoothed by United Nations Population Division.



Min. Year:2017 Max. Year: 2017  
N: 192



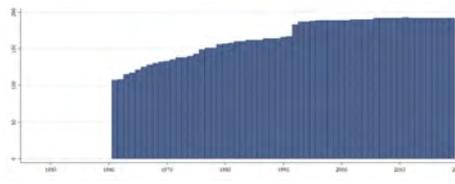
Min. Year:1960 Max. Year: 2019  
N: 200 n: 9886  $\bar{N}$ : 165  $\bar{T}$ : 49

**4.104.223 Urban population growth (annual %) (wdi\_popurbagr)**

Urban population growth. Urban population refers to people living in urban areas as defined by national statistical offices. It is calculated using World Bank population estimates and urban ratios from the United Nations World Urbanization Prospects.



Min. Year:2017 Max. Year: 2017  
N: 192



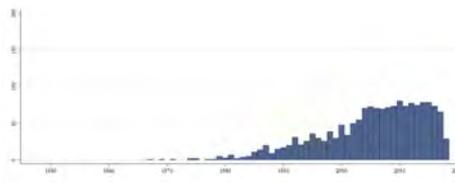
Min. Year:1961 Max. Year: 2019  
N: 200 n: 9791  $\bar{N}$ : 166  $\bar{T}$ : 49

#### 4.104.224 Poverty gap at USD 1.90 a day (2011 PPP) (%) (wdi\_povgap190)

Poverty gap at 1.90 dollars a day (2011 PPP) is the mean shortfall in income or consumption from the poverty line 1.90 dollars a day (counting the nonpoor as having zero shortfall), expressed as a percentage of the poverty line. This measure reflects the depth of poverty as well as its incidence. As a result of revisions in PPP exchange rates, poverty rates for individual countries cannot be compared with poverty rates reported in earlier editions. Note: five countries – Bangladesh, Cabo Verde, Cambodia, Jordan, and Lao PDR – use the 2005 PPP conversion factors and corresponding 1.25 dollars a day and 2 dollars a day poverty lines. This is due to the large deviations in the rate of change in PPP factors relative to the rate of change in domestic consumer price indexes. See Box 1.1 in the Global Monitoring Report 2015/2016 (<http://www.worldbank.org/en/publication/global-monitoring-report>) for a detailed explanation.



Min. Year:2014 Max. Year: 2018  
N: 121



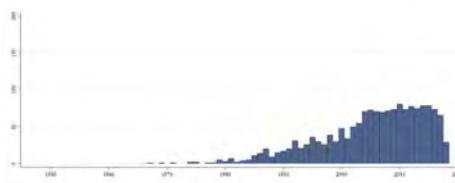
Min. Year:1967 Max. Year: 2018  
N: 163 n: 1633  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.225 Poverty gap at USD 3.20 a day (2011 PPP) (%) (wdi\_povgap320)

Poverty gap at 3.20 dollars a day (2011 PPP) is the mean shortfall in income or consumption from the poverty line 3.20 dollars a day (counting the nonpoor as having zero shortfall), expressed as a percentage of the poverty line. This measure reflects the depth of poverty as well as its incidence (% of population).



Min. Year:2014 Max. Year: 2018  
N: 121



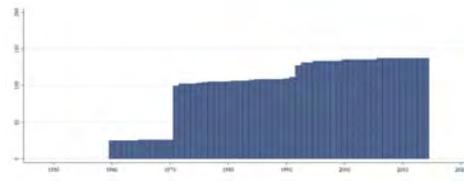
Min. Year:1967 Max. Year: 2018  
N: 163 n: 1633  $\bar{N}$ : 31  $\bar{T}$ : 10

#### 4.104.226 Electric power consumption (kWh per capita) (wdi\_powcon)

Electric power consumption measures the production of power plants and combined heat and power plants less transmission, distribution, and transformation losses and own use by heat and power plants.



Min. Year:2014 Max. Year: 2014  
N: 137



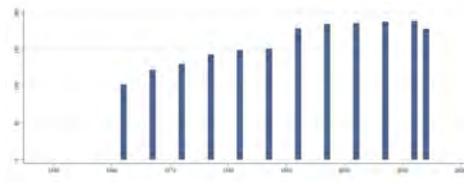
Min. Year:1960 Max. Year: 2014  
N: 143 n: 5595  $\bar{N}$ : 102  $\bar{T}$ : 39

#### 4.104.227 Average precipitation in depth (mm per year) (wdi\_precip)

Average precipitation is the long-term average in depth (over space and time) of annual precipitation in the country. Precipitation is defined as any kind of water that falls from clouds as a liquid or a solid.



Min. Year:2014 Max. Year: 2014  
N: 178



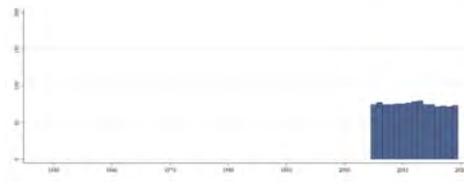
Min. Year:1962 Max. Year: 2014  
N: 194 n: 1902  $\bar{N}$ : 36  $\bar{T}$ : 10

#### 4.104.228 CPIA property rights and rule-based governance rating (1=low to 6=high) (wdi\_prrbgr)

Property rights and rule-based governance assess the extent to which private economic activity is facilitated by an effective legal system and rule-based governance structure in which property and contract rights are reliably respected and enforced.



Min. Year:2015 Max. Year: 2019  
N: 76



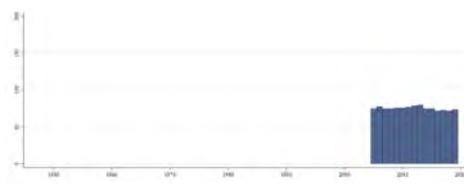
Min. Year:2005 Max. Year: 2019  
N: 86 n: 1132  $\bar{N}$ : 75  $\bar{T}$ : 13

#### 4.104.229 CPIA public sector management and institution cluster average (1=low to 6=high) (wdi\_psm)

The public sector management and institutions cluster includes property rights and rule-based governance, quality of budgetary and financial management, efficiency of revenue mobilization, quality of public administration, and transparency, accountability, and corruption in the public sector.



Min. Year:2015 Max. Year: 2019  
N: 76



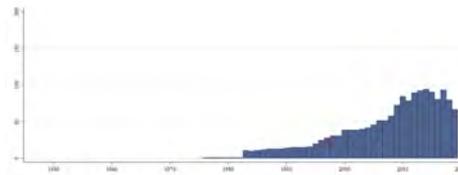
Min. Year:2005 Max. Year: 2019  
N: 86 n: 1132  $\bar{N}$ : 75  $\bar{T}$ : 13

#### 4.104.230 Part time employment, total (% of total employment) (wdi\_pte)

Part time employment, total (% of total employment). Part time employment refers to regular employment in which working time is substantially less than normal. Definitions of part time employment differ by country.



Min. Year:2014 Max. Year: 2019  
N: 127



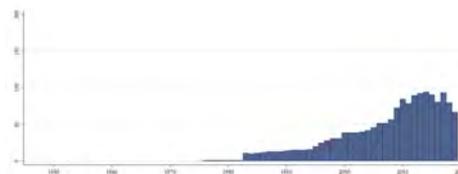
Min. Year:1976 Max. Year: 2019  
N: 145 n: 1630  $\bar{N}$ : 37  $\bar{T}$ : 11

#### 4.104.231 Part time employment, female (% of total female employment) (wdi\_ptef)

Part time employment, female (% of total female employment). Part time employment refers to regular employment in which working time is substantially less than normal. Definitions of part time employment differ by country.



Min. Year:2014 Max. Year: 2019  
N: 127



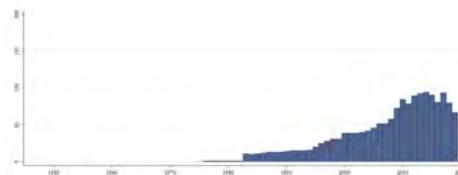
Min. Year:1976 Max. Year: 2019  
N: 145 n: 1629  $\bar{N}$ : 37  $\bar{T}$ : 11

#### 4.104.232 Part time employment, male (% of total male employment) (wdi\_ptem)

Part time employment, male (% of total male employment). Part time employment refers to regular employment in which working time is substantially less than normal. Definitions of part time employment differ by country.



Min. Year:2014 Max. Year: 2019  
N: 127



Min. Year:1976 Max. Year: 2019  
N: 145 n: 1630  $\bar{N}$ : 37  $\bar{T}$ : 11

#### 4.104.233 CPIA quality of public administration rating (1=low to 6=high) (wdi\_qpubadm)

Quality of public administration assesses the extent to which civilian central government staff is structured to design and implement government policy and deliver services effectively.



Min. Year:2015 Max. Year: 2019  
N: 76



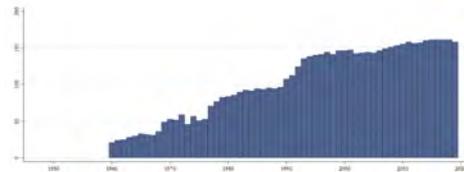
Min. Year:2005 Max. Year: 2019  
N: 86 n: 1132  $\bar{N}$ : 75  $\bar{T}$ : 13

#### 4.104.234 Refugee population by country or territory of asylum (wdi\_refasy)

Refugees are people who are recognized as refugees under the 1951 Convention Relating to the Status of Refugees or its 1967 Protocol, the 1969 Organization of African Unity Convention Governing the Specific Aspects of Refugee Problems in Africa, people recognized as refugees in accordance with the UNHCR statute, people granted refugee-like humanitarian status, and people provided temporary protection. Asylum seekers—people who have applied for asylum or refugee status and who have not yet received a decision or who are registered as asylum seekers—are excluded. Palestinian refugees are people (and their descendants) whose residence was Palestine between June 1946 and May 1948 and who lost their homes and means of livelihood as a result of the 1948 Arab-Israeli conflict. Country of asylum is the country where an asylum claim was filed and granted.



Min. Year:2014 Max. Year: 2018  
N: 167



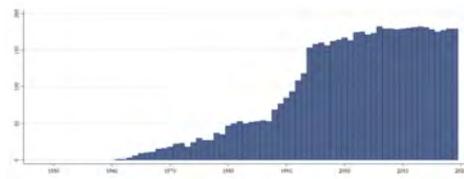
Min. Year:1960 Max. Year: 2019  
N: 181 n: 6205  $\bar{N}$ : 103  $\bar{T}$ : 34

#### 4.104.235 Refugee population by country or territory of origin (wdi\_refori)

Refugees are people who are recognized as refugees under the 1951 Convention Relating to the Status of Refugees or its 1967 Protocol, the 1969 Organization of African Unity Convention Governing the Specific Aspects of Refugee Problems in Africa, people recognized as refugees in accordance with the UNHCR statute, people granted refugee-like humanitarian status, and people provided temporary protection. Asylum seekers—people who have applied for asylum or refugee status and who have not yet received a decision or who are registered as asylum seekers—are excluded. Palestinian refugees are people (and their descendants) whose residence was Palestine between June 1946 and May 1948 and who lost their homes and means of livelihood as a result of the 1948 Arab-Israeli conflict. Country of origin generally refers to the nationality or country of citizenship of a claimant.



Min. Year:2014 Max. Year: 2019  
N: 184



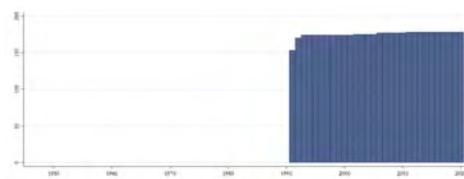
Min. Year:1961 Max. Year: 2019  
N: 191 n: 5780  $\bar{N}$ : 98  $\bar{T}$ : 30

#### 4.104.236 Self-employed, total (% of total employment) (modeled ILO) (wdi\_semp)

Self-employed workers are those workers who, working on their own account or with one or a few partners or in cooperative, hold the type of jobs defined as a “self-employment jobs”. i.e. jobs where the remuneration is directly dependent upon the profits derived from the goods and services produced. Self-employed workers include four sub-categories of employers, own-account workers, members of producers’ cooperatives, and contributing family workers. Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



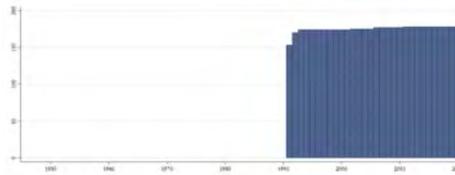
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.237 Self-employed, female (% of female employment) (modeled ILO) (wdi\_-sempf)

Self-employed female workers are those workers who, working on their own account or with one or a few partners or in cooperative, hold the type of jobs defined as a “self-employment jobs”. i.e. jobs where the remuneration is directly dependent upon the profits derived from the goods and services produced. Self-employed workers include four sub-categories of employers, own-account workers, members of producers’ cooperatives, and contributing family workers. Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



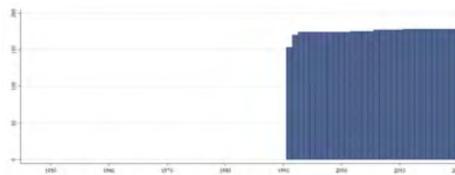
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.238 Self-employed, male (% of male employment) (modeled ILO) (wdi\_-sempm)

Self-employed male workers are those workers who, working on their own account or with one or a few partners or in cooperative, hold the type of jobs defined as a “self-employment jobs”. i.e. jobs where the remuneration is directly dependent upon the profits derived from the goods and services produced. Self-employed workers include four sub-categories of employers, own-account workers, members of producers’ cooperatives, and contributing family workers. Modeled ILO estimate.



Min. Year:2017 Max. Year: 2017  
N: 178



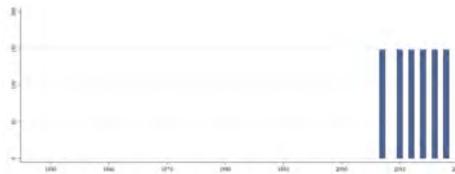
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

#### 4.104.239 Smoking prevalence, females (% of adults) (wdi\_-smokf)

Prevalence of smoking, female is the percentage of women ages 15 and over who smoke any form of tobacco, including cigarettes, cigars, pipes or any other smoked tobacco products. Data include daily and non-daily or occasional smoking.



Min. Year:2018 Max. Year: 2018  
N: 148



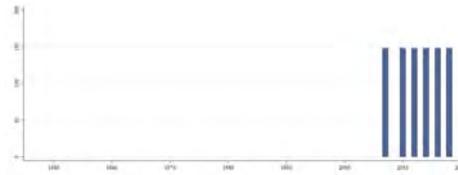
Min. Year:2007 Max. Year: 2018  
N: 148 n: 888  $\bar{N}$ : 74  $\bar{T}$ : 6

#### 4.104.240 Smoking prevalence, males (% of adults) (wdi\_-smokm)

Prevalence of smoking, male is the percentage of men ages 15 and over who smoke any form of tobacco, including cigarettes, cigars, pipes or any other smoked tobacco products. Data include daily and non-daily or occasional smoking.



Min. Year:2018 Max. Year: 2018  
N: 148



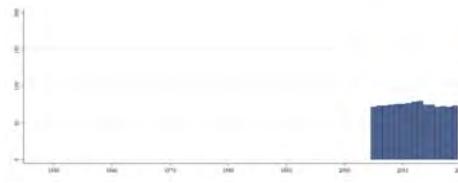
Min. Year:2007 Max. Year: 2018  
N: 148 n: 888  $\bar{N}$ : 74  $\bar{T}$ : 6

#### 4.104.241 CPIA social protection rating (1=low to 6=high) (wdi\_spr)

Social protection and labor assess government policies in social protection and labor market regulations that reduce the risk of becoming poor, assist those who are poor to better manage further risks, and ensure a minimal level of welfare to all people.



Min. Year:2015 Max. Year: 2019  
N: 76



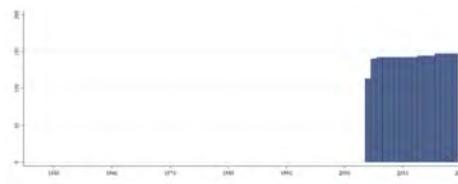
Min. Year:2005 Max. Year: 2019  
N: 84 n: 1124  $\bar{N}$ : 75  $\bar{T}$ : 13

#### 4.104.242 Statistical Capacity score (Overall average) (wdi\_statcap)

The Statistical Capacity Indicator provides an overview of the capacity of a country's national statistical system based on a diagnostic framework thereby assessing three dimensions: Methodology, Source Data, and Periodicity and Timeliness.



Min. Year:2017 Max. Year: 2017  
N: 147



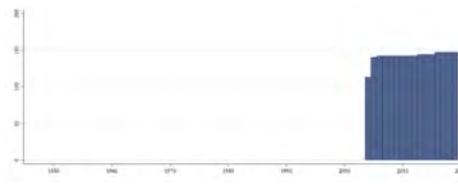
Min. Year:2004 Max. Year: 2019  
N: 148 n: 2267  $\bar{N}$ : 142  $\bar{T}$ : 15

#### 4.104.243 Methodology assessment of statistical capacity (0 - 100) (wdi\_statcapmet)

The Methodology score measures a country's ability to adhere to internationally recommended standards and methods.



Min. Year:2017 Max. Year: 2017  
N: 147



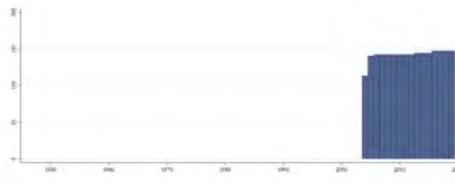
Min. Year:2004 Max. Year: 2019  
N: 148 n: 2267  $\bar{N}$ : 142  $\bar{T}$ : 15

#### 4.104.244 Periodicity and timeliness assessment of statistical capacity (0-100) (wdi\_statcaptime)

The Periodicity score measures the availability and periodicity of key socioeconomic indicators.



Min. Year:2017 Max. Year: 2017  
N: 147



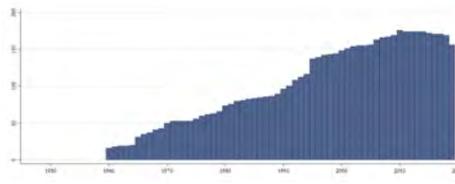
Min. Year:2004 Max. Year: 2019  
N: 148 n: 2267  $\bar{N}$ : 142  $\bar{T}$ : 15

#### 4.104.245 Services, value added (constant 2010 US dollar) (wdi\_sva2010)

Services, value added (constant 2010 US dollar). Services correspond to ISIC divisions 50-99. They include value added in wholesale and retail trade (including hotels and restaurants), transport, and government, financial, professional, and personal services such as education, health care, and real estate services. Also included are imputed bank service charges, import duties, and any statistical discrepancies noted by national compilers as well as discrepancies arising from rescaling. Value added is the net output of a sector after adding up all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. The industrial origin of value added is determined by the International Standard Industrial Classification (ISIC), revision 3 or 4. Data are in constant 2010 U.S. dollars.



Min. Year:2014 Max. Year: 2017  
N: 174



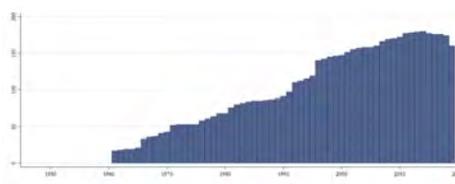
Min. Year:1960 Max. Year: 2019  
N: 181 n: 6205  $\bar{N}$ : 103  $\bar{T}$ : 34

#### 4.104.246 Services, value added (annual % growth) (wdi\_svapg)

Services, value added (annual % growth). Annual growth rate for value added in services based on constant local currency. Aggregates are based on constant 2010 U.S. dollars. Services correspond to ISIC divisions 50-99. They include value added in wholesale and retail trade (including hotels and restaurants), transport, and government, financial, professional, and personal services such as education, health care, and real estate services. Also included are imputed bank service charges, import duties, and any statistical discrepancies noted by national compilers as well as discrepancies arising from rescaling. Value added is the net output of a sector after adding up all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. The industrial origin of value added is determined by the International Standard Industrial Classification (ISIC), revision 3 or 4.



Min. Year:2014 Max. Year: 2017  
N: 180



Min. Year:1961 Max. Year: 2019  
N: 185 n: 6177  $\bar{N}$ : 105  $\bar{T}$ : 33

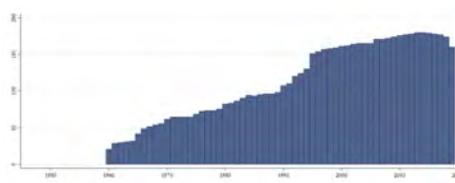
#### 4.104.247 Services, value added (% of GDP) (wdi\_svapgdp)

Services, value added (% of GDP). Services correspond to ISIC divisions 50-99 and they include value added in wholesale and retail trade (including hotels and restaurants), transport, and government, financial, professional, and personal services such as education, health care, and real estate services. Also included are imputed bank service charges, import duties, and any statistical discrepancies noted by national compilers as well as discrepancies arising from rescaling. Value added is the net

output of a sector after adding up all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. The industrial origin of value added is determined by the International Standard Industrial Classification (ISIC), revision 3 or 4.



Min. Year:2014 Max. Year: 2017  
N: 181



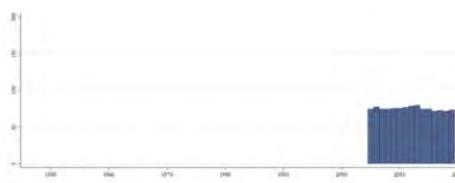
Min. Year:1960 Max. Year: 2019  
N: 187 n: 6799  $\bar{N}$ : 113  $\bar{T}$ : 36

#### 4.104.248 CPIA transparency-accountability-corruption in public sector rating (1-6) (wdi\_tacpsr)

Transparency, accountability, and corruption in the public sector assess the extent to which the executive can be held accountable for its use of funds and for the results of its actions by the electorate and by the legislature and judiciary, and the extent to which public employees within the executive are required to account for administrative decisions, use of resources, and results obtained. The three main dimensions assessed here are the accountability of the executive to oversight institutions and of public employees for their performance, access of civil society to information on public affairs, and state capture by narrow vested interests.



Min. Year:2015 Max. Year: 2019  
N: 76



Min. Year:2005 Max. Year: 2019  
N: 86 n: 1132  $\bar{N}$ : 75  $\bar{T}$ : 13

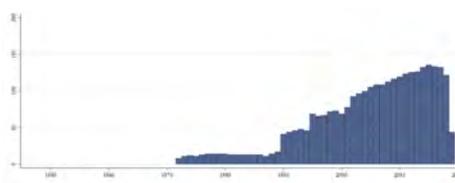
#### 4.104.249 Tax revenue (% of GDP) (wdi\_taxrev)

Tax revenue refers to compulsory transfers to the central government for public purposes. Certain compulsory transfers such as fines, penalties, and most social security contributions are excluded. Refunds and corrections of erroneously collected tax revenue are treated as negative revenue.

Note: The value for San Marino for 1995 was extremely high (44326) and has been recoded to missing.



Min. Year:2015 Max. Year: 2017  
N: 137



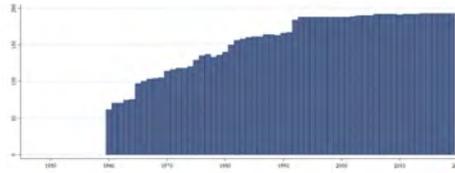
Min. Year:1972 Max. Year: 2019  
N: 156 n: 2976  $\bar{N}$ : 62  $\bar{T}$ : 19

#### 4.104.250 Fixed telephone subscriptions (per 100 people) (wdi\_tele)

Fixed telephone subscriptions refers to the sum of active number of analogue fixed telephone lines, voice-over-IP (VoIP) subscriptions, fixed wireless local loop (WLL) subscriptions, ISDN voice-channel equivalents and fixed public payphones.



Min. Year:2017 Max. Year: 2017  
N: 193



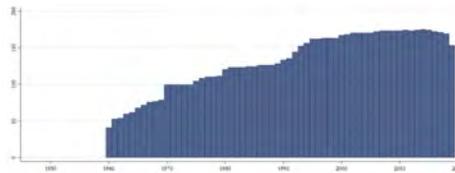
Min. Year:1960 Max. Year: 2019  
N: 200 n: 9358  $\bar{N}$ : 156  $\bar{T}$ : 47

#### 4.104.251 Trade (% of GDP) (wdi\_trade)

Trade is the sum of exports and imports of goods and services measured as a share of gross domestic product.



Min. Year:2014 Max. Year: 2017  
N: 176



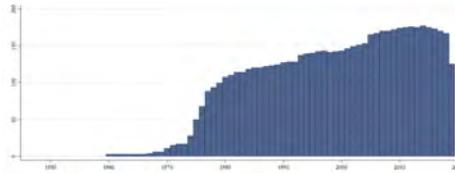
Min. Year:1960 Max. Year: 2019  
N: 188 n: 7870  $\bar{N}$ : 131  $\bar{T}$ : 42

#### 4.104.252 Trade in services (% of GDP) (wdi\_tradeserv)

Trade in services is the sum of service exports and imports divided by the value of GDP, all in current U.S. dollars.



Min. Year:2014 Max. Year: 2017  
N: 177



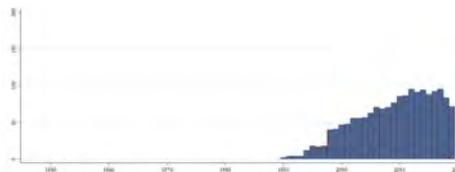
Min. Year:1960 Max. Year: 2019  
N: 187 n: 6335  $\bar{N}$ : 106  $\bar{T}$ : 34

#### 4.104.253 Unemployment with advanced education (% of total labor force) (wdi\_unempedu)

The percentage of the labor force with an advanced level of education who are unemployed. Advanced education comprises short-cycle tertiary education, a bachelor's degree or equivalent education level, a master's degree or equivalent education level, or doctoral degree or equivalent education level according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 133



Min. Year:1990 Max. Year: 2019  
N: 163 n: 1659  $\bar{N}$ : 55  $\bar{T}$ : 10

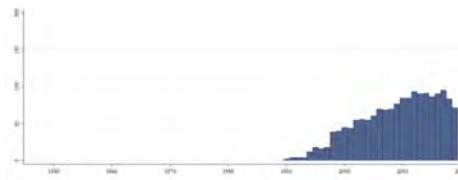
#### 4.104.254 Unemployment with advanced education (% of female labor force) (wdi\_unempeduaf)

The percentage of the labor force with an advanced level of education who are unemployed. Advanced education comprises short-cycle tertiary education, a bachelor's degree or equivalent education level,

a master's degree or equivalent education level, or doctoral degree or equivalent education level according to the International Standard Classification of Education 2011 (ISCED 2011). Female.



Min. Year:2014 Max. Year: 2019  
N: 131



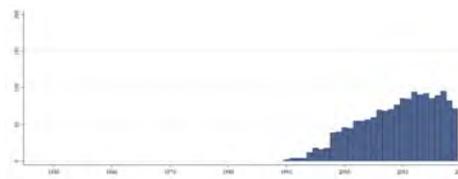
Min. Year:1990 Max. Year: 2019  
N: 159 n: 1631  $\bar{N}$ : 54  $\bar{T}$ : 10

**4.104.255 Unemployment with advanced education (% of male labor force) (wdi\_unempeduam)**

The percentage of the labor force with an advanced level of education who are unemployed. Advanced education comprises short-cycle tertiary education, a bachelor's degree or equivalent education level, a master's degree or equivalent education level, or doctoral degree or equivalent education level according to the International Standard Classification of Education 2011 (ISCED 2011). Male.



Min. Year:2014 Max. Year: 2019  
N: 130



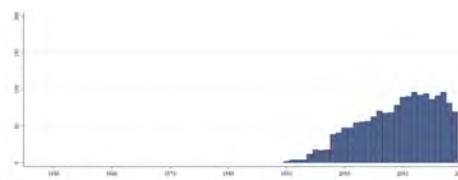
Min. Year:1990 Max. Year: 2019  
N: 159 n: 1634  $\bar{N}$ : 54  $\bar{T}$ : 10

**4.104.256 Unemployment with basic education (% of total labor force) (wdi\_unempedub)**

The percentage of the labor force with a basic level of education who are unemployed. Basic education comprises primary education or lower secondary education according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 132



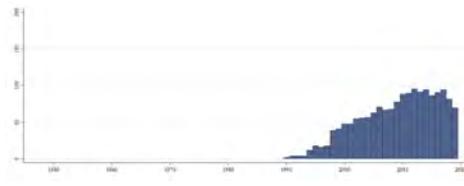
Min. Year:1990 Max. Year: 2019  
N: 163 n: 1660  $\bar{N}$ : 55  $\bar{T}$ : 10

**4.104.257 Unemployment with basic education (% of female labor force) (wdi\_unempedubf)**

The percentage of the labor force with a basic level of education who are unemployed. Basic education comprises primary education or lower secondary education according to the International Standard Classification of Education 2011 (ISCED 2011). Female.



Min. Year:2014 Max. Year: 2019  
N: 131



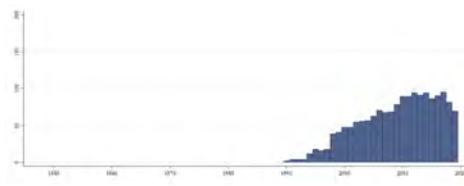
Min. Year:1990 Max. Year: 2019  
N: 161 n: 1649  $\bar{N}$ : 55  $\bar{T}$ : 10

**4.104.258 Unemployment with basic education (% of male labor force) (wdi\_unempubm)**

The percentage of the labor force with a basic level of education who are unemployed. Basic education comprises primary education or lower secondary education according to the International Standard Classification of Education 2011 (ISCED 2011). Male.



Min. Year:2014 Max. Year: 2019  
N: 132



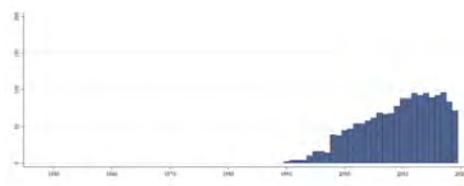
Min. Year:1990 Max. Year: 2019  
N: 161 n: 1653  $\bar{N}$ : 55  $\bar{T}$ : 10

**4.104.259 Unemployment with intermediate education (% of total labor force) (wdi\_unempedui)**

The percentage of the labor force with an intermediate level of education who are unemployed. Intermediate education comprises upper secondary or post-secondary non tertiary education according to the International Standard Classification of Education 2011 (ISCED 2011).



Min. Year:2014 Max. Year: 2019  
N: 134



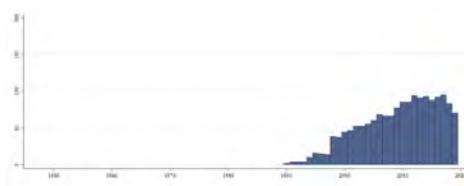
Min. Year:1990 Max. Year: 2019  
N: 162 n: 1640  $\bar{N}$ : 55  $\bar{T}$ : 10

**4.104.260 Unemployment with intermediate education (% of female labor force) (wdi\_unempeduif)**

The percentage of the labor force with an intermediate level of education who are unemployed. Intermediate education comprises upper secondary or post-secondary non tertiary education according to the International Standard Classification of Education 2011 (ISCED 2011). Female.



Min. Year:2014 Max. Year: 2019  
N: 134



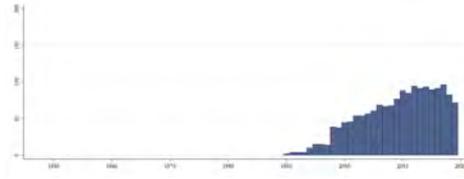
Min. Year:1990 Max. Year: 2019  
N: 159 n: 1622  $\bar{N}$ : 54  $\bar{T}$ : 10

**4.104.261 Unemployment with intermediate education (% of male labor force) (wdi\_unempeduim)**

The percentage of the labor force with an intermediate level of education who are unemployed. Intermediate education comprises upper secondary or post-secondary non tertiary education according to the International Standard Classification of Education 2011 (ISCED 2011). Male.



Min. Year:2014 Max. Year: 2019  
N: 134



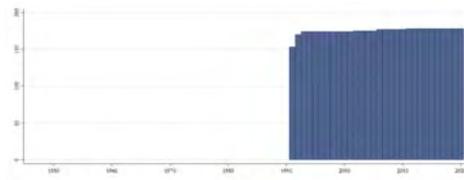
Min. Year:1990 Max. Year: 2019  
N: 162 n: 1625  $\bar{N}$ : 54  $\bar{T}$ : 10

**4.104.262 Unemployment, female (% of female labor force) (modeled ILO) (wdi\_unempfilo)**

Unemployment refers to the share of the labor force that is without work but available for and seeking employment. Female.



Min. Year:2017 Max. Year: 2017  
N: 178



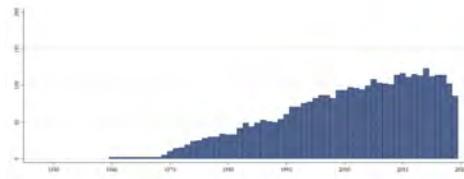
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.263 Unemployment, female (% of female labor force) (national est.) (wdi\_unempfne)**

Unemployment refers to the share of the labor force that is without work but available for and seeking employment. Definitions of labor force and unemployment differ by country. Female.



Min. Year:2014 Max. Year: 2019  
N: 154



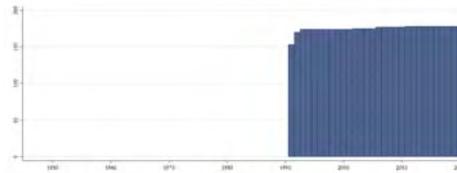
Min. Year:1960 Max. Year: 2019  
N: 187 n: 3613  $\bar{N}$ : 60  $\bar{T}$ : 19

**4.104.264 Unemployment, total (% of total labor force) (modeled ILO) (wdi\_unempilo)**

Unemployment refers to the share of the labor force that is without work but available for and seeking employment. Total.



Min. Year:2017 Max. Year: 2017  
N: 178



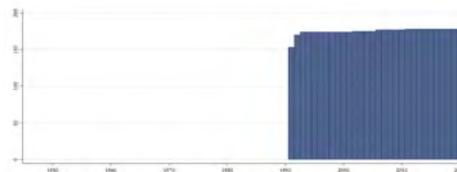
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.265 Unemployment, male (% of male labor force) (modeled ILO) (wdi\_unemp-milo)**

Unemployment refers to the share of the labor force that is without work but available for and seeking employment. Male.



Min. Year:2017 Max. Year: 2017  
N: 178



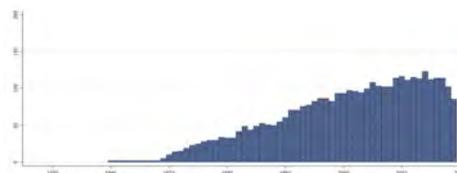
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.266 Unemployment, male (% of male labor force) (national est.) (wdi\_unemp-mne)**

Unemployment refers to the share of the labor force that is without work but available for and seeking employment. Definitions of labor force and unemployment differ by country. Male.



Min. Year:2014 Max. Year: 2019  
N: 154



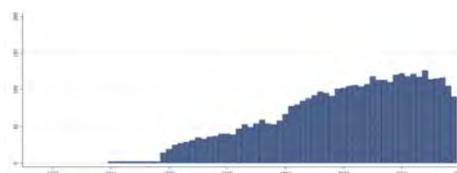
Min. Year:1960 Max. Year: 2019  
N: 186 n: 3614  $\bar{N}$ : 60  $\bar{T}$ : 19

**4.104.267 Unemployment, total (% of total labor force) (national est.) (wdi\_unemp-ne)**

Unemployment refers to the share of the labor force that is without work but available for and seeking employment. Definitions of labor force and unemployment differ by country. Total.



Min. Year:2014 Max. Year: 2019  
N: 156



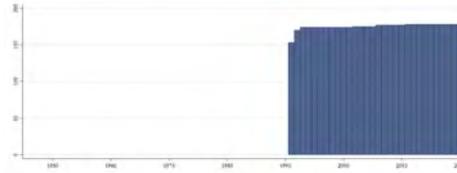
Min. Year:1960 Max. Year: 2019  
N: 187 n: 3966  $\bar{N}$ : 66  $\bar{T}$ : 21

**4.104.268 Unemployment, youth female (% of female labor force 15-24) (modeled ILO) (wdi\_unempy-filo)**

Youth unemployment refers to the share of the labor force ages 15-24 without work but available for and seeking employment.



Min. Year:2017 Max. Year: 2017  
N: 178



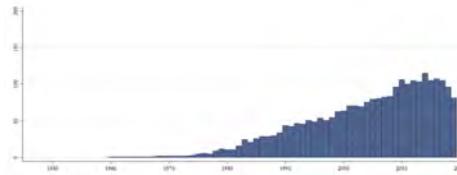
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.269 Unemployment, youth female (% of female labor force 15-24) (nation est.) (wdi\_unempyfne)**

Youth unemployment refers to the share of the labor force ages 15-24 without work but available for and seeking employment. Definitions of labor force and unemployment differ by country.



Min. Year:2014 Max. Year: 2019  
N: 150



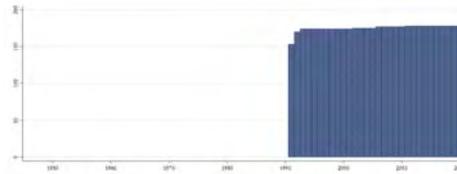
Min. Year:1960 Max. Year: 2019  
N: 178 n: 2595  $\bar{N}$ : 43  $\bar{T}$ : 15

**4.104.270 Unemployment, youth total (% of total labor force 15-24) (modeled ILO) (wdi\_unempyilo)**

Youth unemployment refers to the share of the labor force ages 15-24 without work but available for and seeking employment.



Min. Year:2017 Max. Year: 2017  
N: 178



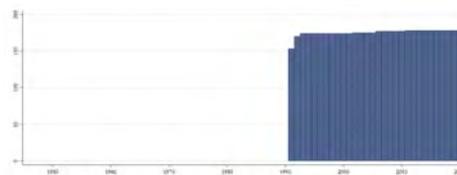
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.271 Unemployment, youth male (% of male labor force 15-24) (modeled ILO) (wdi\_unempmilo)**

Youth unemployment refers to the share of the labor force ages 15-24 without work but available for and seeking employment.



Min. Year:2017 Max. Year: 2017  
N: 178



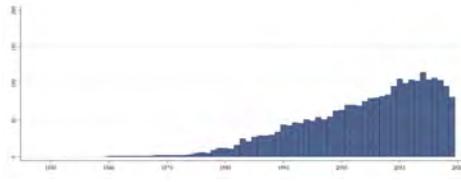
Min. Year:1991 Max. Year: 2020  
N: 180 n: 5254  $\bar{N}$ : 175  $\bar{T}$ : 29

**4.104.272 Unemployment, youth male (% of male labor force 15-24) (national est.) (wdi\_unempymne)**

Youth unemployment refers to the share of the labor force ages 15-24 without work but available for and seeking employment. Definitions of labor force and unemployment differ by country.



Min. Year:2014 Max. Year: 2019  
N: 150



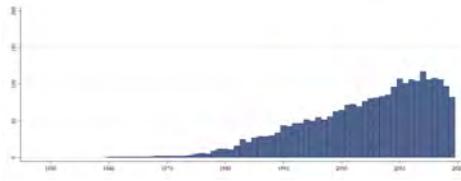
Min. Year:1960 Max. Year: 2019  
N: 178 n: 2597  $\bar{N}$ : 43  $\bar{T}$ : 15

**4.104.273 Unemployment, youth total (% of total labor force 15-24) (national est.) (wdi\_unempyne)**

Youth unemployment refers to the share of the labor force ages 15-24 without work but available for and seeking employment. Definitions of labor force and unemployment differ by country.



Min. Year:2014 Max. Year: 2019  
N: 151



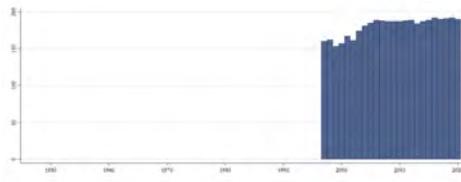
Min. Year:1960 Max. Year: 2019  
N: 179 n: 2624  $\bar{N}$ : 44  $\bar{T}$ : 15

**4.104.274 Proportion of seats held by women in national parliaments (%) (wdi\_wip)**

Women in parliaments are the percentage of parliamentary seats in a single or lower chamber held by women.



Min. Year:2017 Max. Year: 2018  
N: 193



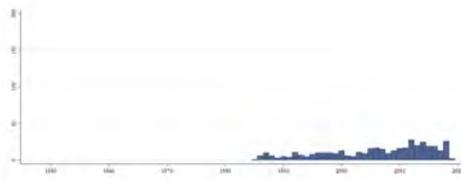
Min. Year:1997 Max. Year: 2020  
N: 194 n: 4330  $\bar{N}$ : 180  $\bar{T}$ : 22

**4.104.275 Women who were first married by age 15 (% of women ages 20-24) (wdi\_wofm15)**

Women who were first married by age 15 (% of women ages 20-24). Women who were first married by age 15 refers to the percentage of women ages 20-24 who were first married by age 15.



Min. Year:2014 Max. Year: 2019  
N: 84



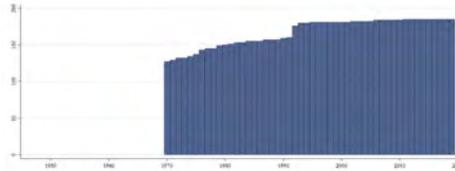
Min. Year:1985 Max. Year: 2019  
N: 128 n: 404  $\bar{N}$ : 12  $\bar{T}$ : 3

**4.104.276 Women Business and the Law Index Score (scale 1-100) (wdi\_wombuslawi)**

Women Business and the Law Index Score (1-100) measures how laws and regulations affect women's economic opportunity. Overall scores are calculated by taking the average score of each of the eight areas (Going Places, Starting a Job, Getting Paid, Getting Married, Having Children, Running a Business, Managing Assets and Getting a Pension), with 100 representing the highest possible score.



Min. Year:2017 Max. Year: 2017  
N: 185



Min. Year:1970 Max. Year: 2019  
N: 190 n: 8351  $\bar{N}$ : 167  $\bar{T}$ : 44

#### 4.105 World Economic Forum

<http://reports.weforum.org/global-competitiveness-report-2019/downloads/>  
(World Economic Forum, 2019)  
(Data downloaded: 2021-01-22)

##### Global Competitiveness Report 2019

The Global Competitiveness Index 4.0 assesses the competitiveness landscape of 140 economies, measuring national competitiveness - defined as the set of institutions, policies and factors that determine the level of productivity. The Report presents information and data that were compiled and/or collected by the World Economic Forum organized into 12 pillars: Institutions, Infrastructure, ICT adoption, Macroeconomic Stability, Health, Skills, Product Market, Labor Market, Financial System, Market Size, Business Dynamism, and Innovation Capabilities.

##### 4.105.1 Active labour market policies. 1-7 (best) (wef\_alp)

Active labour policies. 1-7 (best). In your country, to what extent do Labour market policies help unemployed people to reskill and find new employment (including skills matching, retraining, etc.)? [1 = not at all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year:2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

##### 4.105.2 Strength of auditing and reporting standards. 1-7 (best) (wef\_audit)

Strength of auditing and reporting standards. 1-7 (best). In your country, how strong are financial auditing and reporting standards? [1 = extremely weak; 7 = extremely strong] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year:2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.3 Burden of government regulation. 1-7 (best) (wef\_bgr)

Burden of government regulation. 1-7 (best). In your country, how burdensome is it for companies to comply with public administration's requirements (e.g., permits, regulations, reporting)? [1 = extremely burdensome; 7 = not burdensome at all] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.4 Budget transparency. 0-100 (best) (wef\_bt)

Budget transparency. 0-100 (best). This indicator assesses on a scale of 0 to 100 [most transparent] the extent to which governments publish data related to budget and spending. Original sources: The World Bank Group



Min. Year: 2018 Max. Year: 2018  
N: 100

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.5 Credit gap. percentage points (wef\_cg)

Credit gap. percentage points. Difference between the most recent domestic credit to private sector, as a percentage of GDP, and its 20-year trend. Original sources: The World Bank Group; World Economic Forum



Min. Year: 2018 Max. Year: 2018  
N: 137

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.6 Innovation capability. 0-100 (best) (wef\_ci)

Innovation capability. 0-100 (best). Original sources: World Economic Forum, Global Competitiveness Report 2018



Min. Year: 2017 Max. Year: 2018  
N: 140



Min. Year: 2016 Max. Year: 2018  
N: 140 n: 409  $\bar{N}$ : 136  $\bar{T}$ : 3

#### 4.105.7 Incidence of corruption. 0-100 (best) (wef\_cor)

Incidence of corruption. 0-100 (best). The Corruption Perceptions Index aggregates data from a number of different sources that provide perceptions of business people and country experts of the level on corruption in the public sector. The scale ranges from 0 [highly corrupt] to 100 [very clean]. Original sources: Transparency International



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.8 Debt dynamics. 0-100 (best) (wef\_ddyn)

Debt dynamics. 0-100 (best). Index measuring the change in public debt, weighted by a country's credit rating and debt level in relation to its GDP. Original sources: World Economic Forum; calculations based on data from International Monetary Fund and rating agencies



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.9 Digital skills among active population. 1-7 (best) (wef\_dsap)

Digital skills among active population. 1-7 (best). In your country, to what extent does the active population possess sufficient digital skills (e.g., computer skills, basic coding, digital reading)? [1 = not all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.10 Efficiency of air transport services. 1-7 (best) (wef\_eair)

Efficiency of air transport services. 1-7 (best). In your country, how efficient (i.e., frequency, punctuality, speed, price) are air transport services? [1 = extremely inefficient-among the worst in the world; 7 = extremely efficient-among the best in the world] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.11 Ease of finding skilled employees. 1-7 (best) (wef\_efs)

Ease of finding skilled employees. 1-7 (best). In your country, to what extent can companies find people with the skills required to fill their vacancies? [1 = not at all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

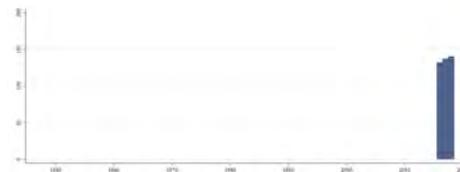
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.12 Electricity. 0-100 (best) (wef\_elec)

Electricity. 0-100 (best). This indicator is calculated by the World Economic Forum by aggregating two indicators that measure the electrification rate and electric power transmission and distribution losses. For more information, write to [gcp@weforum.org](mailto:gcp@weforum.org).



Min. Year: 2017 Max. Year: 2018  
N: 140



Min. Year: 2016 Max. Year: 2018  
N: 140 n: 409  $\bar{N}$ : 136  $\bar{T}$ : 3

#### 4.105.13 Percentage of population with access to electricity % pop. (wef\_elr)

Electricity access entails a household having initial access to sufficient electricity to power a basic bundle of energy services—at a minimum, several lightbulbs, task lighting (such as a flashlight), phone.

Sources: International Energy Agency, World Energy Outlook 2018 (<https://www.iea.org/weo2018/>); The World Bank Group, Sustainable Energy for All database (<https://datacatalog.worldbank.org/dataset/sustainable-energy-all>, accessed 21 March 2019); national sources.



Min. Year: 2018 Max. Year: 2018  
N: 123

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.14 E-Participation Index . 0-1 (best) (wef\_epi)

E-Participation Index . 0-1 (best). This indicator assesses the use of online services to facilitate the provision of information by governments to citizens (“e-information sharing”), interaction with stakeholders (“e-consultation”), and engagement in decision-making processes. Original sources: United Nations, Department of Economic and Social Affairs (UNDESA)



Min. Year:2018 Max. Year: 2018  
N: 139

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.15 Efficiency of seaport services. 1-7 (best) (wef\_eport)

Efficiency of seaport services. 1-7 (best). In your country, how efficient (i.e., frequency, punctuality, speed, price) are seaport services (ferries, boats) (for landlocked countries: assess access to seaport services) [1 = extremely inefficient-among the worst in the world; 7 = extremely efficient-among the best in the world] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year:2018 Max. Year: 2018  
N: 138

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.16 Efficiency of train services. 1-7 (best) (wef\_erail)

Efficiency of train services. 1-7 (best). In your country, how efficient (i.e., frequency, punctuality, speed, price) are train transport services? [1 = extremely inefficient-among the worst in the world; 7 = extremely efficient-among the best in the world] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year:2018 Max. Year: 2018  
N: 102

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.17 Fixed-broadband Internet subscriptions/100 pop. (wef\_fis)

Fixed-broadband Internet subscriptions. Fixed-broadband Internet subscriptions per 100 population Original sources: International Telecommunications Union (ITU)



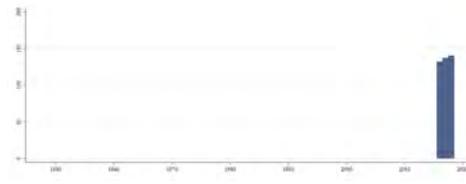
Variable not included  
in Time-Series Data

Min. Year: 2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.18 Global Competitiveness Index 4.0. 0-100 (best) (wef\_gci)

Global Competitiveness Index 4.0. 0-100 (best). The Global Competitiveness Index 4.0 assesses the microeconomic and macroeconomic foundations of national competitiveness, which is defined as the set of institutions, policies, and factors that determine the level of productivity of a country. Original sources: World Economic Forum, Global Competitiveness Report 2018



Min. Year: 2017 Max. Year: 2018  
N: 140

Min. Year: 2016 Max. Year: 2018  
N: 140 n: 409  $\bar{N}$ : 136  $\bar{T}$ : 3

#### 4.105.19 Gross domestic product (billions, PPP) (wef\_gdpp2)

Gross domestic product (GDP) PPP dollar valued at purchasing power parity in billions of international dollars (constant 2011 prices). Original sources: International Monetary Fund (IMF)



Variable not included  
in Time-Series Data

Min. Year: 2017 Max. Year: 2017  
N: 137

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.20 Growth of innovative companies. 1-7 (best) (wef\_gic)

Growth of innovative companies. 1-7 (best). In your country, to what extent do new companies with innovative ideas grow rapidly? [1 = not at all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Variable not included  
in Time-Series Data

Min. Year: 2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.21 Ease of hiring foreign labour. 1-7 (best) (wef\_hfl)

Ease of hiring foreign labour. 1-7 (best). To what extent does labour regulation in your country limit the ability to hire foreign labour? (1 = very much limits hiring foreign labour, 7 = does not limit hiring foreign labour at all) Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.22 Hiring and firing practices. 1-7 (best) (wef\_hfp)

Hiring and firing practices. 1-7 (best). In your country, to what extent do regulations allow flexible hiring and firing of workers? [1 = not at all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.23 Homicide rate. /100,000 pop. (wef\_hom)

Homicide rate. /100,000 pop.. Number of homicide cases per 100,000 population Original sources: United Nations Office on Drugs and Crime (UNODC)



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.24 Inflation. Annual % change (wef\_infl)

Inflation. Annual % change. Annual percent change in consumer price index (year average) Original sources: International Monetary Fund (IMF)



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.25 Intellectual property protection. 1-7 (best) (wef\_ipr)

Intellectual property protection. 1-7 (best). In your country, to what extent is intellectual property protected? [1 = not at all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Variable not included  
in Time-Series Data

Min. Year: 2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.26 Internet users. % pop. (wef\_iu)

Internet users. % pop.. Percentage of individuals using the Internet Original sources: International Telecommunications Union (ITU)



Variable not included  
in Time-Series Data

Min. Year: 2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.27 Judicial independence. 1-7 (best) (wef\_ji)

Judicial independence. 1-7 (best). In your country, how independent is the judicial system from influences of the government, individuals, or companies? [1 = not independent at all; 7 = entirely independent] Original sources: World Economic Forum, Executive Opinion Survey



Variable not included  
in Time-Series Data

Min. Year: 2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.28 Cooperation in labour-employer relations. 1-7 (best) (wef\_ler)

Cooperation in Labour-employer relations. 1-7 (best). In your country, how do you characterize Labour-employer relations? [1 = generally confrontational; 7 = generally cooperative] Original sources: World Economic Forum, Executive Opinion Survey



Variable not included  
in Time-Series Data

Min. Year: 2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.29 School life expectancy. Years (wef\_lse)

School life expectancy. Years. Total number of years of schooling (primary through tertiary) that a child can expect to receive, assuming that the probability of his or her being enrolled in school at any particular future age is equal to the current enrollment ratio at that age. Original sources: United Nations Educational, Scientific and Cultural Organization (UNESCO)



Min. Year: 2018 Max. Year: 2018  
N: 123

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.105.30 Extent of market dominance. 1-7 (best) (wef\_md)**

Extent of market dominance. 1-7 (best). In your country, how do you characterize corporate activity? [1 = dominated by a few business groups; 7 = spread among many firms] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.105.31 Mobile-cellular telephone subscriptions/100 pop. (wef\_mobile)**

Mobile-cellular telephone subscriptions. Number of mobile-cellular telephone subscriptions per 100 population Original sources: International Telecommunications Union (ITU)



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.105.32 Organized crime. 1-7 (best) (wef\_oc)**

Organized crime. 1-7 (best). In your country, to what extent does organized crime (mafia-oriented racketeering, extortion) impose costs on businesses? [1 = to a great extent-imposes huge costs; 7 = not at all-imposes no costs] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.105.33 Prevalence of non-tariff barriers. 1-7 (best) (wef\_pntb)**

Prevalence of non-tariff barriers. 1-7 (best). In your country, to what extent do non-tariff barriers (e.g., health and product standards, technical and labeling requirements, etc.) limit the ability of imported goods to compete in the domestic market? [1 = strongly limit; 7 = do not limit at all] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.34 Pay and productivity. 1-7 (best) (wef\_pp)

Pay and productivity. 1-7 (best). In your country, to what extent is pay related to employee productivity? [1 = not at all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

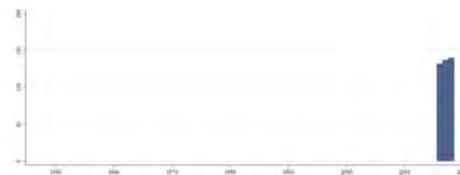
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.35 Property rights. 1-7 (best) (wef\_pr)

Property rights. 1-7 (best). In your country, to what extent are property rights, including financial assets, protected? [1 = not at all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2017 Max. Year: 2018  
N: 140



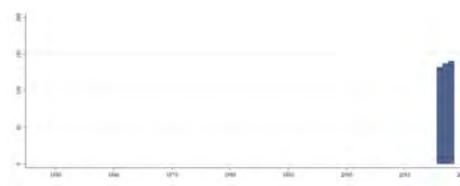
Min. Year: 2016 Max. Year: 2018  
N: 140 n: 409  $\bar{N}$ : 136  $\bar{T}$ : 3

#### 4.105.36 Transport infrastructure. 0-100 (best) (wef\_qoi)

2.A Transport infrastructure. 0-100 (best). This indicator is calculated by the World Economic Forum by aggregating eight indicators that measure roads, railroads, air transport and water transport infrastructure. For more information, write to [gcp@weforum.org](mailto:gcp@weforum.org). Original sources: World Economic Forum, Global Competitiveness Report 2018



Min. Year: 2017 Max. Year: 2018  
N: 140



Min. Year: 2016 Max. Year: 2018  
N: 140 n: 409  $\bar{N}$ : 136  $\bar{T}$ : 3

#### 4.105.37 Quality of road infrastructure. 1-7 (best) (wef\_qroad)

Quality of roads. 1-7 (best). In your country, how is the quality (extensiveness and condition) of road infrastructure [1 = extremely poor-among the worst in the world; 7 = extremely good-among the best]

in the world] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year:2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

Variable not included  
in Time-Series Data

#### 4.105.38 Quality of vocational training. 1-7 (best) (wef\_qvt)

Quality of vocational training. 1-7 (best). In your country, how do you assess the quality of vocational training? [1 = extremely poor-among the worst in the world; 7 = excellent-among the best in the world] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year:2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

Variable not included  
in Time-Series Data

#### 4.105.39 Reliability of police services. 1-7 (best) (wef\_rps)

Reliability of police services. 1-7 (best). In your country, to what extent can police services be relied upon to enforce law and order? [1 = not at all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year:2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

Variable not included  
in Time-Series Data

#### 4.105.40 Skillset of secondary-education graduates. 1-7 (best) (wef\_shg)

Skillset of secondary-education graduates. 1-7 (best). Response to the survey question "In your country, to what extent do graduating students possess the skills needed by businesses at the following levels: a. Secondary education" [1 = Not at all; 7 = To a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year:2018 Max. Year: 2018  
N: 140

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

Variable not included  
in Time-Series Data

#### 4.105.41 Financing of SMEs. 1-7 (best) (wef\_smec)

Financing of SMEs. 1-7 (best). In your country, to what extent can small- and medium-sized enterprises (SMEs) access finance they need for their business operations through the financial sector? [1 = not at all; 7 = to a great extent] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.42 Scientific publications. H Index (wef\_sp)

Scientific publications. H Index. Score on an index measuring the number of publications and their citations, expressed at the country level. Original sources: SCImago



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.43 Skillset of university graduates. 1-7 (best) (wef\_sug)

Skillset of university graduates. 1-7 (best). Response to the survey question "In your country, to what extent do graduating students possess the skills needed by businesses at the following levels: b. University-level (1 = Not at all; 7 = To a great extent)" Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.44 Terrorism incidence. 1 (very high) - 100 (no incidence) (wef\_ti)

Terrorism incidence. 1 (very high) - 100 (no incidence). This custom-built index is the weighted average of the number of terrorism-related casualties (injuries and fatalities) and the number of terrorist attacks, discounted by time. Each component is normalized separately and then averaged. Values range from 1 [highest incidence] to 100 [no incidence]. Original sources: National Consortium for the Study of Terrorism and Responses to Terrorism (START)



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.45 University-industry collaboration in R&D (1-7) (wef\_uic)

University-industry collaboration in R&D. 1-7 (best). In your country, to what extent do business and universities collaborate on research and development (R&D)? [1 = do not collaborate at all; 7 = collaborate extensively] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2017 Max. Year: 2017  
N: 137

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.46 Venture capital availability. 1-7 (best) (wef\_vca)

Venture capital availability. 1-7 (best). In your country, how easy is it for start-up entrepreneurs with innovative but risky projects to obtain equity funding? [1 = extremely difficult; 7 = extremely easy] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.47 Flexibility of wage determination. 1-7 (best) (wef\_wbp)

Flexibility of wage determination. 1-7 (best). In your country, how are wages generally set? [1 = by a centralized bargaining process; 7 = by each individual company] Original sources: World Economic Forum, Executive Opinion Survey



Min. Year: 2018 Max. Year: 2018  
N: 140

Variable not included  
in Time-Series Data

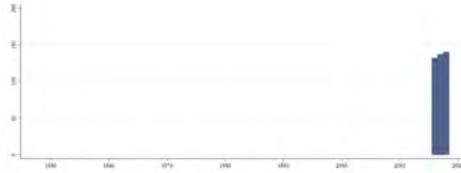
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.105.48 Water. 0-100 (best) (wef\_wi)

Water infrastructure. 0-100 (best). Original sources: World Economic Forum, Global Competitiveness Report 2018



Min. Year:2017 Max. Year: 2018  
N: 140



Min. Year:2016 Max. Year: 2018  
N: 140 n: 409  $\bar{N}$ : 136  $\bar{T}$ : 3

**4.105.49 Ratio of wage and salaried female workers to male workers (wef\_wlf)**

Ratio of wage and salaried female workers to male workers. Ratio. The ratio of the percentage of women aged 15-64 participating in the Labour force as wage and salaried workers to the percentage of men aged 15-64 participating in the labour force as wage and salaried workers. Original sources: International Labour Organization (ILO); World Economic Forum



Min. Year:2018 Max. Year: 2018  
N: 139

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.105.50 Workers' rights. 1-100 (best) (wef\_wr)**

Workers' rights. 1-100 (best). This index is adapted from the ITUC Global Rights Index, which measures the level of protection of internationally recognized core Labour standards including civil rights, the right to bargain collectively, the right to strike, the right to associate freely, and access to due process rights. It does not take into account any element of firing regulations. The scale ranges from 1 [no protection] to 100 [high protection]. Original sources: International Trade Union Confederation (ITUC); World Economic Forum



Min. Year:2018 Max. Year: 2018  
N: 123

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.106 Christian Welzel**

<http://www.cambridge.org/welzel>  
(Welzel, 2013)  
(Data downloaded: 2015-04-14)

**Data from Freedom Rising by Christian Welzel**

The World Values Survey measures of secular values and emancipative values are theoretically explained and empirically tested for their cross-cultural reliability and validity in Freedom Rising , pp. 57-105. The backward estimates of emancipative values for decades before available survey data are explained in Freedom Rising, pp. 157-161.

#### 4.106.1 Citizen Rights (wel\_citrig)

Meaning: Conditional index that measures the prevalence of citizen rights as the presence of respect of political participation rights on the condition of the presence of respect of personal autonomy rights, using multiplication to combine the two [CitRig = PAR \* PPR].

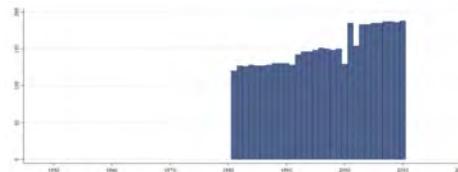
Source: Welzel's (2013: 254-263) "citizen rights index", available annually for most countries in the world from 1981 to 2010.

Scaling: Index scores range from 0 for the complete absence of citizen rights in law and practice to 1 for their full presence in law and practice, with proper fractions for intermediate positions.

Links: Data sources, rescaling procedures and replication data are meticulously documented in the Online Appendix to Welzel's (2013) Freedom Rising at [www.cambridge.com/welzel](http://www.cambridge.com/welzel) (p. 72). Test statistics documenting this index's superior validity in comparison to alternative democracy measures are reported in Welzel (2013: 267-271).

Note: the missing code (-99) has been recoded to missing (.).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1981 Max. Year: 2010  
N: 192 n: 4534  $\bar{N}$ : 151  $\bar{T}$ : 24

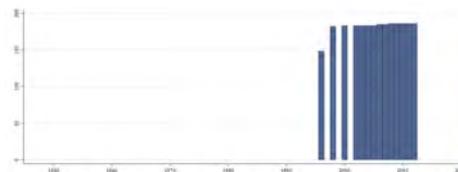
#### 4.106.2 Control of Corruption (wel\_coc)

Meaning: Factor scale from the World Bank's "global governance indicators" measuring the degree of corruption control in a country.

Source: Alexander and Welzel (2011); Alexander, Inglehart and Welzel (2012). Categorization is available in annual measures for most countries of the world from 1996 to 2006.

Scaling: The factor scores are standardized into a range from minimum 0 (for the lowest ever observed corruption control) to maximum 1.0 (for the highest ever observed corruption control), with fractions for intermediate positions. Note: In the original data there exists two different observations for Dominica, the value has been recoded to missing for this country.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1996 Max. Year: 2012  
N: 189 n: 2545  $\bar{N}$ : 150  $\bar{T}$ : 13

#### 4.106.3 Culture Zone (wel\_culture)

Meaning: Culture zone scheme, attributing each country to one of ten distinct culture zones created on the basis of religious traditions, imperial/colonial legacies and ethno-linguistic composition. Source: Classification invented and developed in Welzel, Freedom Rising (2013: 23-34), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 8-11).

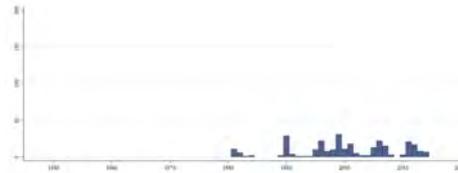
Coding:

1. Reformed West (Western European societies strongly affected by the Reformation)
2. New West (overseas offshoots of Western Europe)
3. Old West (mostly Catholic parts of Western Europe being core parts of the Roman Empire)
4. Returned West (Catholic and Protestant parts of post-communist Europe returning to the EU)
5. Orthodox East (Christian Orthodox or Islamic parts of the post-communist world, mostly parts of the former USSR)
6. Indic East (parts of South and South East Asia under the historic influence of Indian culture)

7. Islamic East (regions of the Islamic world that have been parts of the Arab/Caliphate, Persian and Ottoman empires)
8. Sinic East (parts of East Asia under the historic influence of Chinese culture)
9. Latin America (Central and South America and the Caribbean)
10. Sub-Saharan Africa (African countries South of the Sahara).

Remarks: A cluster analysis asking to place countries into ten different clusters on the basis of religious traditions, imperial legacies and ethno-linguistic composition variables produces a ninety percent overlapping classification of countries.

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2014  
N: 104 n: 286  $\bar{N}$ : 8  $\bar{T}$ : 3

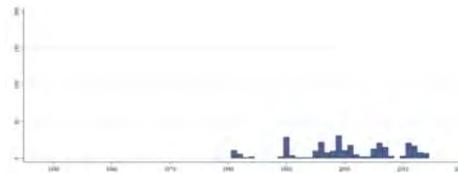
#### 4.106.4 Cool Water Index (wel\_cwi)

Meaning: The indicator measures the prevalence of relatively cool temperatures in each season combined with abundant fresh water resources throughout the year, on a country's historically most populated areas.

Source: Index construction based on geo-climate data from the Harvard Geography Project, as documented in the appendix to Welzel's (2013) *Freedom Rising*, online at [www.cambirdge.org/welzel](http://www.cambirdge.org/welzel), pp. 105-112.

Scaling: Scores range from 0 for the hottest and driest countries to 1 for countries combining highly consistent precipitation with cold temperatures.

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2014  
N: 103 n: 285  $\bar{N}$ : 8  $\bar{T}$ : 3

#### 4.106.5 Democratic Rights (wel\_dr)

Meaning: 14-point index measuring the prevalence of democratic rights based on Freedom House's "civil liberties" and "political rights" ratings.

Source: Alexander and Welzel (2011); Alexander, Inglehart and Welzel (2012). Categorization is available in annual measures for most countries of the world from 1996 to 2006.

Scaling: The two Freedom House scales are inverted, averaged and standardized into a range from minimum 0 (no democratic rights) to 100 (maximum democratic rights), with percentages of the maximum rights for intermediate positions. Note: In the original data there exists two different observations for Dominica, the value has been recoded to missing for this country.

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1996 Max. Year: 2012  
N: 190 n: 2621  $\bar{N}$ : 154  $\bar{T}$ : 14

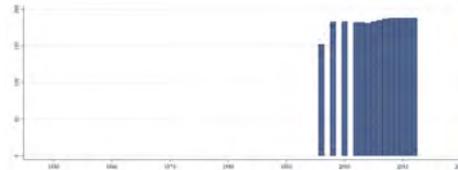
#### 4.106.6 Effective Democracy Index (wel\_edi)

Meaning: Conditional multi-point index measuring the extent of effective democracy, understood as the presence of democratic rights on the condition that honest governance puts them into real practice [EDI = DemRig \* HonGov].

Source: Alexander and Welzel (2011); Alexander, Inglehart and Welzel (2012). Categorization is available in annual measures for most countries of the world from 1996 to 2006.

Scaling: Scores are weighted percentages ranging from a theoretical minimum of 0 for the least effective or absent democracy to 100 for the most effective democracy. Note: In the original data there exists two different observations for Dominica, the value has been recoded to missing for this country.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1996 Max. Year: 2012  
N: 190 n: 2558  $\bar{N}$ : 150  $\bar{T}$ : 13

#### 4.106.7 Emancipative Values: Autonomy Component (wel\_evau)

Meaning: 3-item index measuring a national culture's emphasis on universal freedoms in the domain of personal autonomy (independence, imagination and non-obedience as desired child qualities).

Source: Index invented and documented in Welzel, Freedom Rising (2013: 66-69), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 20-29), based on data from the World Values Surveys, all countries and time points.

Scaling: Four-point scale, ranging from a theoretical minimum of 0 when the least secular position is taken on all 3 items, to a maximum of 1.0 when the most secular position is taken on all 3 items. Intermediate positions are given in fractions of 1.0. Country scores are population averages (arithmetic mean) on the 0-1 index.

Variable not included  
in Cross-Section Data



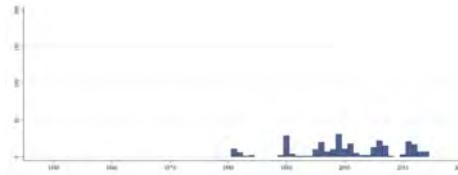
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1981 Max. Year: 2014  
N: 104 n: 284  $\bar{N}$ : 8  $\bar{T}$ : 3

#### 4.106.8 Emancipative Values: Choice Component (wel\_evch)

Meaning: 3-item index measuring a national culture's emphasis on universal freedoms in the domain of reproductive choices (acceptance of divorce, abortion, homosexuality). Source: Index invented and documented in Welzel, Freedom Rising (2013: 66-69), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 20-29), based on data from the World Values Surveys, all countries and time points. Scaling: Multi-point scale, ranging from a theoretical minimum of 0 when the least emancipative position is taken on all 3 items, to a maximum of 1.0 when the most emancipative position is taken on all 3 items. Intermediate positions are given in fractions of 1.0. Country scores are population averages (arithmetic mean) on the 0-1 index.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2014  
N: 104 n: 280  $\bar{N}$ : 8  $\bar{T}$ : 3

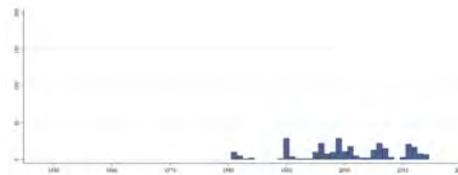
### 4.106.9 Emancipative Values Index (wel\_evi)

Meaning: “Protective-vs.-Emancipative Values” - 12-item index measuring a national culture’s emphasis on universal freedoms in the domains of (1) reproductive choice (acceptance of divorce, abortion, homosexuality), (2) gender equality (support of women’s equal access to education, jobs and power), (3) people’s voice (priorities for freedom of speech and people’s say in national, local and job affairs), and (4) personal autonomy (independence, imagination and non-obedience as desired child qualities). Source: Index invented and documented in Welzel, *Freedom Rising* (2013: 66-69), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 20-29), based on data from the World Values Surveys, all countries and time points.

Scaling: Continuous scale, ranging from a theoretical minimum of 0 when the least emancipative position is taken on all 12 items, to a maximum of 1.0 when the most emancipative position is taken on all 12 items. Intermediate positions are given in fractions of 1.0. Country scores are population averages (arithmetic mean) on the 0-1 index.

Remarks: The EVI is a conceptual refinement of Inglehart and Welzel’s (2005) “Survival-vs.-Self-expression Values”. Individual-level scores are normally distributed around the mean in each national sample. In the context of *Freedom Rising*’s human empowerment framework, emancipative values are interpreted as motivational empowerment.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2014  
N: 104 n: 281  $\bar{N}$ : 8  $\bar{T}$ : 3

### 4.106.10 Emancipative Values: Voice Component (wel\_evvo)

Meaning: 3-item index measuring a national culture’s emphasis on universal freedoms in the domain of people’s voice (priorities for freedom of speech and people’s say in national and local affairs).

Source: Index invented and documented in Welzel, *Freedom Rising* (2013: 66-69), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 20-29), based on data from the World Values Surveys, all countries and time points.

Scaling: Multi-point scale, ranging from a theoretical minimum of 0 when the least emancipative position is taken on all 3 items, to a maximum of 1.0 when the most emancipative position is taken on all 3 items. Intermediate positions are given in fractions of 1.0. Country scores are population averages (arithmetic mean) on the 0-1 index.

Remarks: This index partly overlaps with Inglehart’s (1977; 1997) measure of postmaterialist values.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2014  
N: 103 n: 282  $\bar{N}$ : 8  $\bar{T}$ : 3

#### 4.106.11 Personal Autonomy Rights (wel\_par)

Meaning: The indicator measures to what extent a country enacts personal autonomy rights by law and respects them in practice.

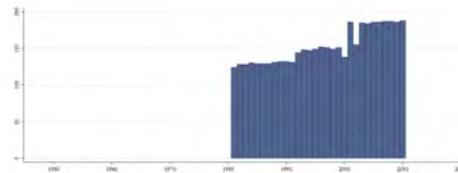
Source: Welzel's (2013: 254-263) "personal autonomy rights index" based on Freedom House's "civil liberties" as well as Cingranelli/Richards' "integrity rights". Freedom House civil liberties are inverted and then standardized into a range from minimum 0 to maximum 1.0. CIRI integrity rights are also standardized into a range from minimum 0 to maximum 1.0. Then the average of the two is taken to measure personal autonomy rights. Measures exist on an annual basis from 1981 to 2010 for most countries in the world.

Scaling: Index scores range from 0 for the completely absent or disrespected personal autonomy rights to 1.0 for their full presence and respect, with proper fractions for intermediate positions.

Links: Data sources, rescaling procedures and replication data are meticulously documented in the Online Appendix to Welzel's (2013) Freedom Rising at [www.cambridge.com/welzel](http://www.cambridge.com/welzel) (p. 72). Test statistics documenting this index's superior validity in comparison to alternative democracy measures are reported in Welzel (2013: 267-271).

Note: the missing code (-99) has been recoded to missing (.).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1981 Max. Year: 2010  
N: 192 n: 4582  $\bar{N}$ : 153  $\bar{T}$ : 24

#### 4.106.12 Political Participation Rights (wel\_ppr)

Meaning: The indicator measures to what extent a country enacts political participation rights by law and respects them in practice.

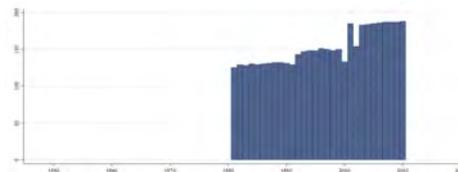
Source: Welzel's (2013: 254-263) "political participation rights index" based on Freedom House's "political rights" as well as Cingranelli/Richards' "empowerment rights". Freedom House political rights are inverted and then standardized into a range from minimum 0 to maximum 1.0. CIRI empowerment rights are also standardized into a range from minimum 0 to maximum 1.0. Then the average of the two is taken to measure political participation rights. Measures exist on an annual basis from 1981 to 2010 for most countries in the world.

Scaling: Index scores range from 0 for completely absent or disrespected political participation rights to 1.0 for their full presence and respect, with proper fractions for intermediate positions.

Links: Data sources, rescaling procedures and replication data are meticulously documented in the Online Appendix to Welzel's (2013) Freedom Rising at [www.cambridge.com/welzel](http://www.cambridge.com/welzel) (p. 72). Test statistics documenting this index's superior validity in comparison to alternative democracy measures are reported in Welzel (2013: 267-271).

Note: the missing code (-99) has been recoded to missing (.).

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1981 Max. Year: 2010  
N: 192 n: 4570  $\bar{N}$ : 152  $\bar{T}$ : 24

#### 4.106.13 Regime Type (wel\_regtype)

Meaning: Regime types measure the 4-fold combination of personal autonomy rights and political participation rights, resulting in four combinations.

Source: Welzel, Freedom Rising (2013: 257-258). Typology is available in annual measures for most

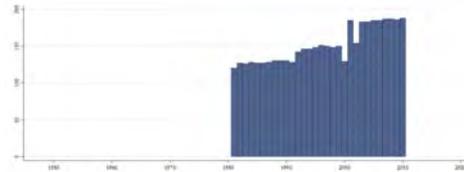
countries of the world from 1981 to 2010.

Scaling: 1 “Pure Autocracy”: both personal autonomy rights and political participation rights below the scale midpoint (0.50); 2 “Inclusive Autocracy”: personal autonomy rights below the scale midpoint, political participation rights above the scale midpoint; 3 “Liberal Autocracy”: personal autonomy rights above the scale midpoint, political participation rights below; 4 “Minimal Democracy”: both personal autonomy rights and political participation rights above the scale midpoint.

Links: Data sources, rescaling procedures and replication data are meticulously documented in the Online Appendix to Welzel’s (2013) *Freedom Rising* at [www.cambridge.com/welzel](http://www.cambridge.com/welzel) (p. 72). Test statistics documenting this index’s superior validity in comparison to alternative democracy measures are reported in Welzel (2013: 267-271).

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



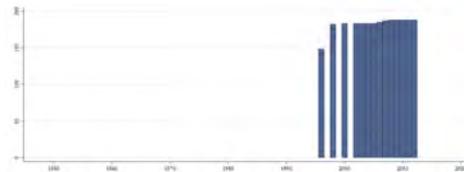
Min. Year:1981 Max. Year: 2010  
N: 192 n: 4534  $\bar{N}$ : 151  $\bar{T}$ : 24

#### 4.106.14 Rule of Law Index (wel\_rli)

(Rule of Law + Control of Corruption) / 2

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1996 Max. Year: 2012  
N: 189 n: 2557  $\bar{N}$ : 150  $\bar{T}$ : 14

#### 4.106.15 Rule of Law (wel\_rol)

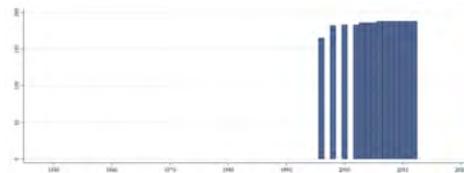
Meaning: Factor scale from the World Bank’s “global governance indicators” measuring the degree of law enforcement in a country.

Source: Alexander and Welzel (2011); Alexander, Inglehart and Welzel (2012). Categorization is available in annual measures for most countries of the world from 1996 to 2006.

Scaling: The factor scores are standardized into a range from minimum 0 (for the lowest ever observed rule of law score) to maximum 1.0 (for the highest ever observed rule of law score), with fractions for intermediate positions. Note: In the original data there exists two different observations for Dominica, the value has been recoded to missing for this country.

Variable not included  
in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1996 Max. Year: 2012  
N: 190 n: 2587  $\bar{N}$ : 152  $\bar{T}$ : 14

#### 4.106.16 Scalezone on Citizen Rights (wel\_scalezone)

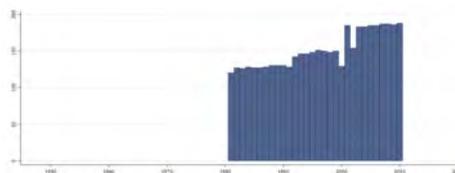
Meaning: Categorical scale zones on the citizen rights index, distinguishing four categories from more completely to less completely autocratic, and then from less completely to more completely democratic.

Source: Welzel, Freedom Rising (2013: 255-256). Categorization is available in annual measures for most countries of the world from 1981 to 2010.

Scaling: 1 “Complete Autocracy”: citizen rights score less equal 0.25; 2 “Incomplete Autocracy”: citizen rights score above 0.25 and less equal 0.50; 3 “Incomplete Democracy”: citizen rights score above 0.50 and less equal 0.75; 4 “Complete Democracy”: citizen rights score above 0.75.

Links: Data sources, rescaling procedures and replication data are meticulously documented in the Online Appendix to Welzel’s (2013) Freedom Rising at [www.cambridge.com/welzel](http://www.cambridge.com/welzel) (p. 72). Test statistics documenting this index’s superior validity in comparison to alternative democracy measures are reported in Welzel (2013: 267-271).

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2010  
N: 192 n: 4534  $\bar{N}$ : 151  $\bar{T}$ : 24

#### 4.106.17 Social Movement Activity (wel\_sma)

Meaning: 3-item index measuring to what extent three types of peaceful social movement activities (petitions, demonstrations, boycotts) are part of a national culture’s action repertoire.

Source: Index invented and documented in Welzel, Freedom Rising (2013: 222-225), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 66-70), based on data from the World Values Surveys.

Scaling: Multi-point index from a theoretical minimum 0 when none of the three activities is part of the action repertoire to 1.0 when all three of them are. On each activity, non-execution is coded 0, anticipated execution .33 and actual execution 1. Then for each individual the average over the three activities is calculated. Country scores are population averages (arithmetic mean) on the 0-1 index.

Remarks: Individual-level scores are normally distributed around the mean in each national sample. In the context of Freedom Rising’s human empowerment framework, social movement activity is interpreted as behavioural empowerment.

**Variable not included  
in Cross-Section Data**



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2014  
N: 100 n: 272  $\bar{N}$ : 8  $\bar{T}$ : 3

#### 4.106.18 Secular Values: Defiance Component (wel\_svde)

Meaning: 3-item index measuring a national culture’s distance to “sacred” sources of authority in the domain of patrimonial authority (the nation, the state, the parents).

Source: Index invented and documented in Welzel, Freedom Rising (2013: 63-66), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 12-19), based on data from the World Values Surveys, all countries and time points.

Scaling: Multi-point scale, ranging from a theoretical minimum of 0 when the least secular position is taken on all 3 items, to a maximum of 1.0 when the most secular position is taken on all 3 items. Intermediate positions are given in fractions of 1.0. Country scores are population averages (arithmetic mean) on the 0-1 index.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2014  
N: 104 n: 282  $\bar{N}$ : 8  $\bar{T}$ : 3

### 4.106.19 Secular Values: Disbelief Component (wel\_svd1)

Meaning: 3-item index measuring a national culture's distance to "sacred" sources of authority in the domain of religious authority (faith, commitment, practice).

Source: Index invented and documented in Welzel, *Freedom Rising* (2013: 63-66), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 12-19), based on data from the World Values Surveys, all countries and time points.

Scaling: Multi-point scale, ranging from a theoretical minimum of 0 when the least secular position is taken on all 3 items, to a maximum of 1.0 when the most secular position is taken on all 3 items. Intermediate positions are given in fractions of 1.0. Country scores are population averages (arithmetic mean) on the 0-1 index.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2014  
N: 103 n: 280  $\bar{N}$ : 8  $\bar{T}$ : 3

### 4.106.20 Secular Values Index (wel\_svi)

Meaning: "Sacred-vs.-Secular Values" - 12-item index measuring a national culture's secular distance to "sacred" sources of authority, including (1) religious authority (faith, commitment, practice), (2) patrimonial authority (the nation, the state, the parents), (3) order institutions (army, police, courts), and (4) normative authority (anti-bribery, anti-cheating and anti-evasion norms).

Source: Index invented and documented in Welzel, *Freedom Rising* (2013: 63-66), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 12-19), based on data from the World Values Surveys, all countries and time points.

Scaling: Continuous scale, ranging from a theoretical minimum of 0 when the least secular position is taken on all 12 items, to a maximum of 1.0 when the most secular position is taken on all 12 items. Intermediate positions are given in fractions of 1.0. Country scores are population averages (arithmetic mean) on the 0-1 index.

Remarks: The SVI is a conceptual refinement of Inglehart and Welzel's (2005) "Traditional-vs.-Secular-rational Values". Individual-level scores are normally distributed around the mean in each national sample.

## Variable not included in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1981 Max. Year: 2014  
N: 103 n: 280  $\bar{N}$ : 8  $\bar{T}$ : 3

#### 4.106.21 Secular Values: Relativism Component (wel\_svre)

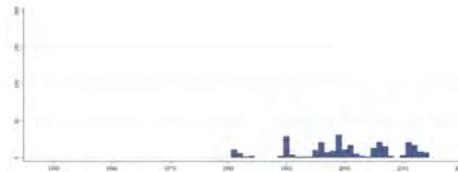
Meaning: 3-item index measuring a national culture's distance to "sacred" sources of authority in the domain of normative authority (anti-bribery, anti-cheating and anti-evasion norms).

Source: Index invented and documented in Welzel, *Freedom Rising* (2013: 63-66), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 12-19), based on data from the World Values Surveys, all countries and time points.

Scaling: Multi-point scale, ranging from a theoretical minimum of 0 when the least secular position is taken on all 3 items, to a maximum of 1.0 when the most secular position is taken on all 3 items. Intermediate positions are given in fractions of 1.0. Country scores are population averages (arithmetic mean) on the 0-1 index.

Note: The value for Slovenia in 2005 is considerably higher than the values for Slovenia in other years.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1981 Max. Year: 2014  
N: 103 n: 279  $\bar{N}$ : 8  $\bar{T}$ : 3

#### 4.106.22 Secular Values: Skepticism Component (wel\_svs)

Meaning: 3-item index measuring a national culture's distance to "sacred" sources of authority in the domain of order institutions (army, police, courts).

Source: Index invented and documented in Welzel, *Freedom Rising* (2013: 63-66), [www.cambridge.org/welzel](http://www.cambridge.org/welzel) (Online Appendix, p. 12-19), based on data from the World Values Surveys, all countries and time points.

Scaling: Multi-point scale, ranging from a theoretical minimum of 0 when the least secular position is taken on all 3 items, to a maximum of 1.0 when the most secular position is taken on all 3 items. Intermediate positions are given in fractions of 1.0. Country scores are population averages (arithmetic mean) on the 0-1 index.

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1981 Max. Year: 2014  
N: 102 n: 275  $\bar{N}$ : 8  $\bar{T}$ : 3

#### 4.106.23 Political System Type (wel\_sys)

Meaning: 4-fold system typology derived from cross-tabulating democratic rights and honest governance.

Source: Alexander and Welzel (2011); Alexander, Inglehart and Welzel (2012). Categorization is available in annual measures for most countries of the world from 1996 to 2006.

1. "Unbound Autocracy": both democratic rights and honest governance below their scale midpoints
2. "Bounded Autocracy": democratic rights below, honest governance above the scale midpoint
3. "Ineffective Democracy": democratic rights above, honest governance below the scale midpoint
4. "Effective Democracy": both democratic rights and honest governance above the scale midpoint.

Note: In the original data there exists two different observations for Dominica, the value has been recoded to missing for this country.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1996 Max. Year: 2012  
N: 189 n: 2569  $\bar{N}$ : 151  $\bar{T}$ : 14

### 4.106.24 Trust (Standard) (wel\_trstd)

Meaning: Dummy coded standard trust question indicating to what extent people believe that they can trust unspecified other people.

Source: World Values Surveys, all countries and time points from rounds 1 to 6.

Scaling: Dummy index standardized into 0 for non-trust and 1.0 for trust in unspecified others. Country-level scores are the average of each national sample, thus transforming the individual-level dummy codes into a continuous 0-to-1.0 scale.

## Variable not included in Cross-Section Data

N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1981 Max. Year: 2014  
N: 104 n: 286  $\bar{N}$ : 8  $\bar{T}$ : 3

### 4.107 Nyrup and Bramwell

<https://www.nuffield.ox.ac.uk/our-research/research-centres/nuffield-politics-research-centre/whogov/download-dataset/>  
(Nyrup & Bramwell, 2020)  
(Data downloaded: 2020-12-03)

#### The WhoGov Dataset

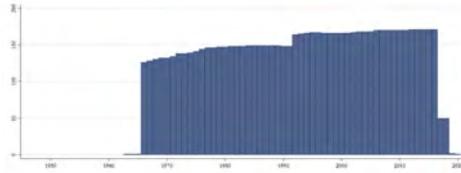
The WhoGov dataset provides bibliographic information, such as gender and party affiliation, on cabinet members in July of every year in the period 1966-2016 in all countries with a population of more than 400,000 citizens. The dataset is highly flexible and can be used to calculate countless variables of interest, including the number of female ministers, ministerial experience, cabinet turnover and cabinet size at the country-year level. The data is based on cabinet compositions in July for all years apart from 1966, where data was only available for September and 1970, where they are using January instead of July. The original source also has disaggregated information at the individual cabinet member level (with more than 50,000 entries) that may be of interest for our users and it is available at <https://www.nuffield.ox.ac.uk/our-research/research-centres/nuffield-politics-research-centre/whogov/download-dataset/>.

#### 4.107.1 Number of years the leader in office continuously (wgov\_leadexp)

The number of years the person has been leader of the country in a row, continuous. Thus, it starts over if the leader is removed. The count starts at 1, when the leader first appear as leader in the dataset. Therefore, the measure is imprecise for leaders, who came to power before 1966.



Min. Year:2016 Max. Year: 2017  
N: 171



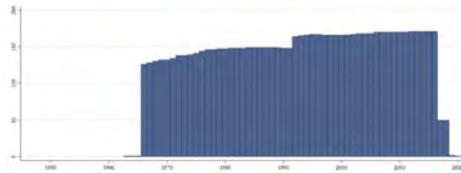
Min. Year:1963 Max. Year: 2020  
N: 184 n: 8013  $\bar{N}$ : 138  $\bar{T}$ : 44

#### 4.107.2 Number of cabinet ministers (wgov\_min)

Number of cabinet ministers. This number only include cabinet ministers.



Min. Year:2016 Max. Year: 2017  
N: 171



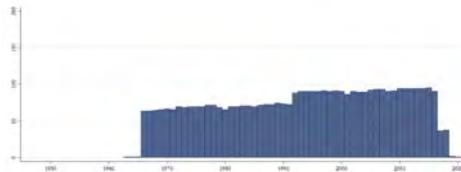
Min. Year:1963 Max. Year: 2020  
N: 184 n: 8013  $\bar{N}$ : 138  $\bar{T}$ : 44

#### 4.107.3 Average age of cabinet members (wgov\_minage)

Average age of cabinet ministers.



Min. Year:2015 Max. Year: 2018  
N: 95



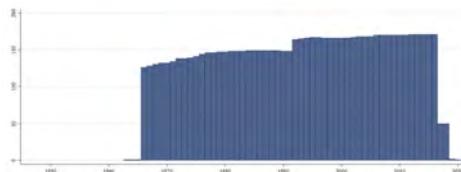
Min. Year:1963 Max. Year: 2020  
N: 110 n: 4172  $\bar{N}$ : 72  $\bar{T}$ : 38

#### 4.107.4 Number of women among cabinet ministers (wgov\_minfem)

The number of women among cabinet ministers.



Min. Year:2016 Max. Year: 2017  
N: 171



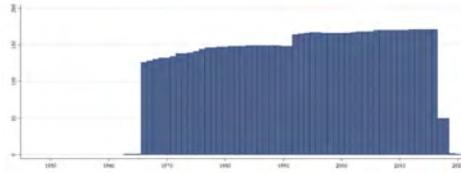
Min. Year:1963 Max. Year: 2020  
N: 184 n: 8013  $\bar{N}$ : 138  $\bar{T}$ : 44

#### 4.107.5 Number of cabinet ministers with a military title (wgov\_minmil)

The number of cabinet ministers with a military title. It should be noted that the authors have not done any extra checks on this variable, and solely have relied on the information provided in the "Chief of State And Cabinet Members Of Foreign Governments" directory. The information is based on national customs. Thus, in some countries military titles are consistently used, while this not the case in other countries, and the authors therefore encourage researchers to be cautious when using this variable.



Min. Year:2016 Max. Year: 2017  
N: 171



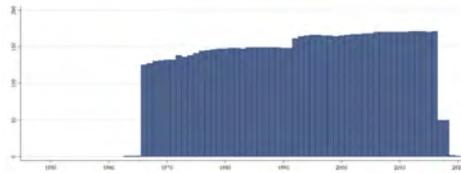
Min. Year:1963 Max. Year: 2020  
N: 184 n: 8013  $\bar{N}$ : 138  $\bar{T}$ : 44

#### 4.107.6 Average tenure of cabinet members (wgov\_minten)

The average tenure of cabinet ministers.



Min. Year:2016 Max. Year: 2017  
N: 171



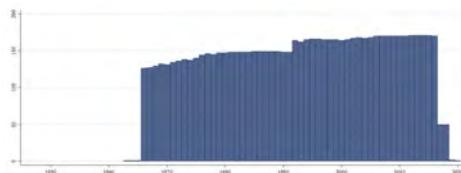
Min. Year:1963 Max. Year: 2020  
N: 184 n: 7989  $\bar{N}$ : 138  $\bar{T}$ : 43

#### 4.107.7 Adjusted retention rate of cabinet members (wgov\_mret)

The share of cabinet ministers, who were in the list of cabinet ministers for the previous year. This measure is adjusted for an expansion of number of cabinet members, so the number of cabinet ministers stays constant and the retention rate is therefore not influenced by an expansion of the cabinet.



Min. Year:2015 Max. Year: 2017  
N: 171



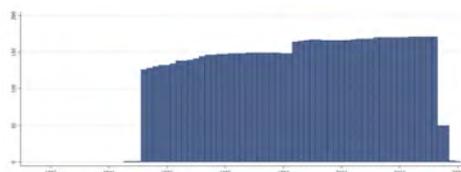
Min. Year:1963 Max. Year: 2020  
N: 184 n: 7989  $\bar{N}$ : 138  $\bar{T}$ : 43

#### 4.107.8 Total number of government positions (inc. unoccupied and multiple positions held) (wgov\_tot)

Number of entries for the country in the dataset. This number includes unoccupied positions and multiple positions held by the same persons.



Min. Year:2016 Max. Year: 2017  
N: 171



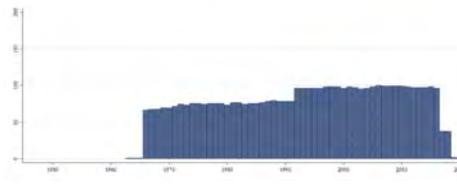
Min. Year:1963 Max. Year: 2020  
N: 184 n: 8013  $\bar{N}$ : 138  $\bar{T}$ : 44

#### 4.107.9 Average age for all entries for the country in the dataset (wgov\_totage)

Average age for people, based on all entries for the country in the dataset. This includes unoccupied positions and multiple positions held by the same persons.



Min. Year:2015 Max. Year: 2017  
N: 98



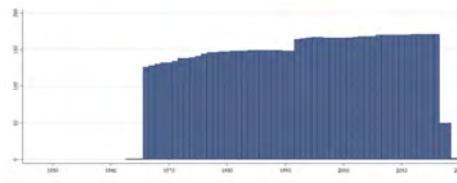
Min. Year:1963 Max. Year: 2020  
N: 110 n: 4462  $\bar{N}$ : 77  $\bar{T}$ : 41

#### 4.107.10 Number of women in the total number of entries for the country in the dataset (wgov\_totfem)

The number of women in the total number of entries for the country in the dataset. This includes unoccupied positions and multiple positions held by the same persons.



Min. Year:2016 Max. Year: 2017  
N: 171



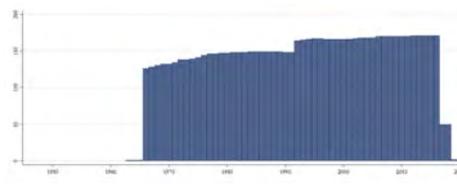
Min. Year:1963 Max. Year: 2020  
N: 184 n: 8013  $\bar{N}$ : 138  $\bar{T}$ : 44

#### 4.107.11 Number of people with a military title, based on all entries for the country in (wgov\_totmil)

The number of people with a military title, based on all entries for the country in the dataset. It should be noted that the authors have not done any extra checks on this variable, and solely have relied on the information provided in the "Chief of State And Cabinet Members Of Foreign Governments" directory. The information is based on national customs. Thus, in some countries military titles are consistently used, while this not the case in other countries, and the authors therefore encourage researchers to be cautious when using this variable.



Min. Year:2016 Max. Year: 2017  
N: 171



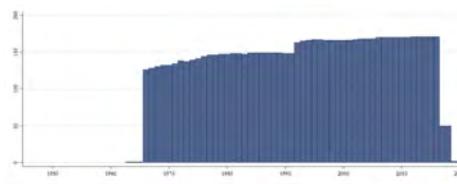
Min. Year:1963 Max. Year: 2020  
N: 184 n: 8013  $\bar{N}$ : 138  $\bar{T}$ : 44

#### 4.107.12 Average tenure for all entries for the country in the dataset (wgov\_totten)

The average tenure for people, based on all entries for the country in the dataset. This includes unoccupied positions and multiple positions held by the same persons.



Min. Year:2016 Max. Year: 2017  
N: 171



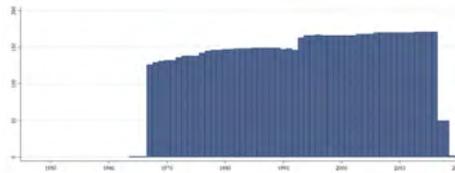
Min. Year:1963 Max. Year: 2020  
N: 184 n: 8010  $\bar{N}$ : 138  $\bar{T}$ : 44

#### 4.107.13 Adjusted retention rate for all entries for the country in the dataset (wgov\_tret)

The share of people in total number of entries for the country, who were also listed in the previous year. This measure is adjusted for an expansion of the size of total number of entries, so the number of entries for the country stays constant and the retention rate is therefore not influenced by an expansion of the total number of entries.



Min. Year:2016 Max. Year: 2017  
N: 171



Min. Year:1964 Max. Year: 2020  
N: 184 n: 7845  $\bar{N}$ : 138  $\bar{T}$ : 43

### 4.108 World Health Organization

<https://www.who.int/data/gho/>  
(World Health Organization, 2020)  
(Data downloaded: 2020-11-11)

#### Global Health Observatory data repository

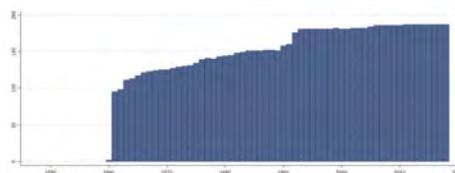
The GHO data repository is WHO's gateway to health-related statistics for its 194 Member States. It provides access to over 1000 indicators on priority health topics including mortality and burden of diseases, the Millennium Development Goals (child nutrition, child health, maternal and reproductive health, immunization, HIV/AIDS, tuberculosis, malaria, neglected diseases, water and sanitation), non communicable diseases and risk factors, epidemic-prone diseases, health systems, environmental health, violence and injuries, equity among others.

#### 4.108.1 Alcohol consumption per capita (who\_alcohol10)

Alcohol consumption per capita, all types of alcohol.



Min. Year:2017 Max. Year: 2017  
N: 187



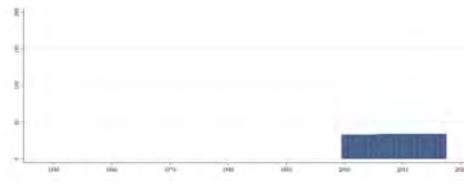
Min. Year:1960 Max. Year: 2018  
N: 196 n: 9142  $\bar{N}$ : 155  $\bar{T}$ : 47

#### 4.108.2 Population using at least basic drinking water services (%), Rural (who\_dwrur)

Population using at least basic drinking water services (%), Rural



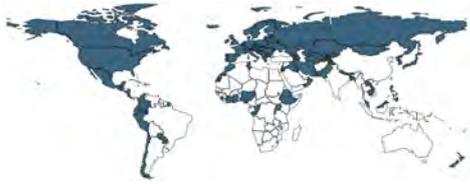
Min. Year:2017 Max. Year: 2017  
N: 34



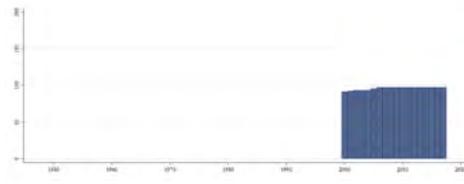
Min. Year:2000 Max. Year: 2017  
N: 34 n: 606  $\bar{N}$ : 34  $\bar{T}$ : 18

#### 4.108.3 Population using at least basic drinking water services (%), Total (who\_dwtot)

Population using at least basic drinking water services (%), Total



Min. Year:2017 Max. Year: 2017  
N: 97



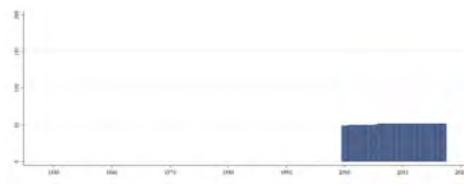
Min. Year:2000 Max. Year: 2017  
N: 97 n: 1721  $\bar{N}$ : 96  $\bar{T}$ : 18

#### 4.108.4 Population using at least basic drinking water services (%), Urban (who\_dwurb)

Population using at least basic drinking water services (%), Urban



Min. Year:2017 Max. Year: 2017  
N: 52



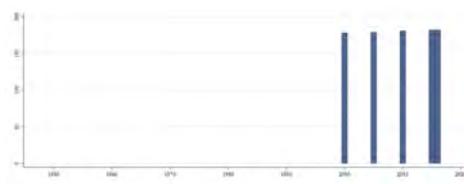
Min. Year:2000 Max. Year: 2017  
N: 52 n: 923  $\bar{N}$ : 51  $\bar{T}$ : 18

#### 4.108.5 Healthy Life Expectancy, Female (who\_halef)

Healthy life expectancy (HALE) at birth (years), Female



Min. Year:2016 Max. Year: 2016  
N: 182



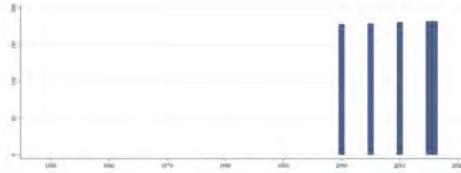
Min. Year:2000 Max. Year: 2016  
N: 183 n: 902  $\bar{N}$ : 53  $\bar{T}$ : 5

#### 4.108.6 Healthy Life Expectancy, Male (who\_halem)

Healthy life expectancy (HALE) at birth (years), Male



Min. Year:2016 Max. Year: 2016  
N: 182



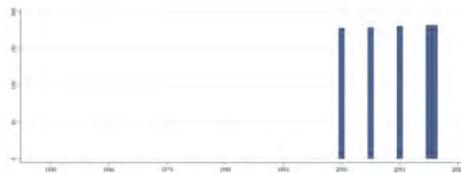
Min. Year:2000 Max. Year: 2016  
N: 183 n: 902  $\bar{N}$ : 53  $\bar{T}$ : 5

#### 4.108.7 Healthy Life Expectancy, Total (who\_halet)

Healthy life expectancy (HALE) at birth (years), Total



Min. Year:2016 Max. Year: 2016  
N: 182



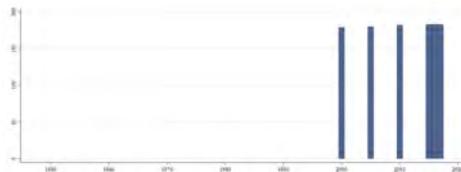
Min. Year:2000 Max. Year: 2016  
N: 183 n: 902  $\bar{N}$ : 53  $\bar{T}$ : 5

#### 4.108.8 Homicide Rate, Female (who\_homf)

Homicide Rate, Estimates of rates of homicides per 100 000 population, Female



Min. Year:2017 Max. Year: 2017  
N: 183



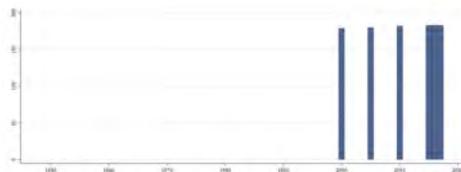
Min. Year:2000 Max. Year: 2017  
N: 184 n: 1090  $\bar{N}$ : 61  $\bar{T}$ : 6

#### 4.108.9 Homicide Rate, Male (who\_homm)

Homicide Rate, Estimates of rates of homicides per 100 000 population, Male



Min. Year:2017 Max. Year: 2017  
N: 183



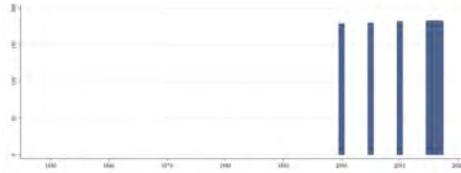
Min. Year:2000 Max. Year: 2017  
N: 184 n: 1090  $\bar{N}$ : 61  $\bar{T}$ : 6

#### 4.108.10 Homicide Rate, Total (who\_homt)

Homicide Rate, Estimates of rates of homicides per 100 000 population, Total



Min. Year:2017 Max. Year: 2017  
N: 183



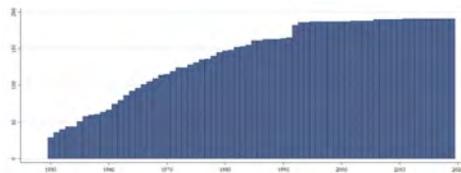
Min. Year:2000 Max. Year: 2017  
N: 184 n: 1090  $\bar{N}$ : 61  $\bar{T}$ : 6

#### 4.108.11 Infant mortality rate, Female (who\_infmortf)

Infant mortality rate - Female (probability of dying between birth and age 1 per 1000 live births)



Min. Year:2017 Max. Year: 2017  
N: 191



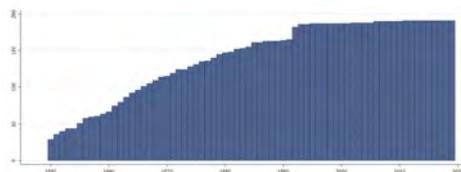
Min. Year:1950 Max. Year: 2019  
N: 200 n: 9889  $\bar{N}$ : 141  $\bar{T}$ : 49

#### 4.108.12 Infant mortality rate, Male (who\_infmortm)

Infant mortality rate - Male (probability of dying between birth and age 1 per 1000 live births)



Min. Year:2017 Max. Year: 2017  
N: 191



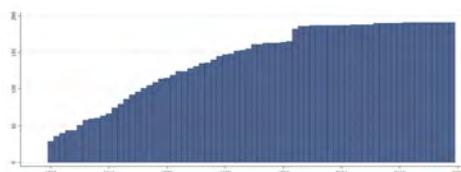
Min. Year:1950 Max. Year: 2019  
N: 200 n: 9889  $\bar{N}$ : 141  $\bar{T}$ : 49

#### 4.108.13 Infant mortality rate, Total (who\_infmortt)

Infant mortality rate - Total (probability of dying between birth and age 1 per 1000 live births)



Min. Year:2017 Max. Year: 2017  
N: 191



Min. Year:1950 Max. Year: 2019  
N: 200 n: 9889  $\bar{N}$ : 141  $\bar{T}$ : 49

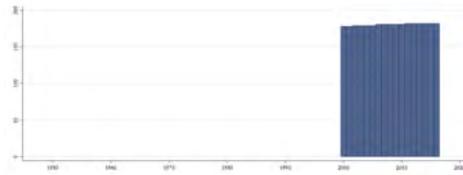
#### 4.108.14 Life Expectancy, Female (who\_lef)

Life Expectancy at birth in years, Female

Note: The data for Rwanda for the years 2000-2015 has been dropped due to having several values for the same observations



Min. Year:2016 Max. Year: 2016  
N: 182



Min. Year:2000 Max. Year: 2016  
N: 183 n: 3069  $\bar{N}$ : 181  $\bar{T}$ : 17

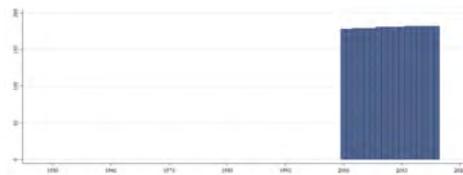
#### 4.108.15 Life Expectancy, Male (who\_lem)

Life Expectancy at birth in years, Male

Note: The data for Rwanda for the years 2000-2015 has been dropped due to having several values for the same observations



Min. Year:2016 Max. Year: 2016  
N: 182



Min. Year:2000 Max. Year: 2016  
N: 183 n: 3069  $\bar{N}$ : 181  $\bar{T}$ : 17

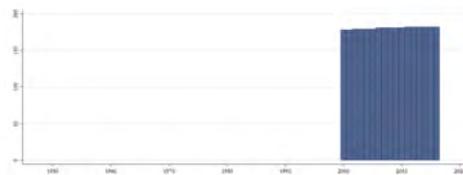
#### 4.108.16 Life Expectancy, Total (who\_let)

Life Expectancy at birth in years, Total

Note: The data for Rwanda for the years 2000-2015 has been dropped due to having several values for the same observations.



Min. Year:2016 Max. Year: 2016  
N: 182



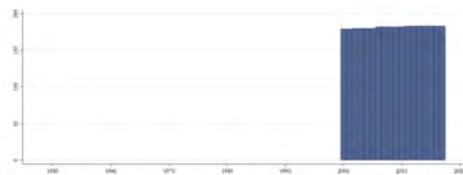
Min. Year:2000 Max. Year: 2016  
N: 183 n: 3069  $\bar{N}$ : 181  $\bar{T}$ : 17

#### 4.108.17 Maternal Mortality Rate (per 100 000 live births) (who\_matmort)

Maternal Mortality Rate (per 100 000 live births)



Min. Year:2017 Max. Year: 2017  
N: 183



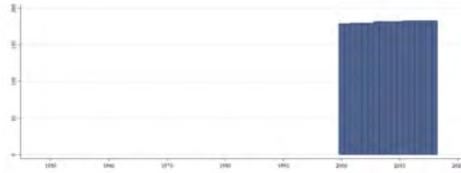
Min. Year:2000 Max. Year: 2017  
N: 184 n: 3269  $\bar{N}$ : 182  $\bar{T}$ : 18

#### 4.108.18 Adult Mortality Rate (per 1000 population), Female (who\_mrf)

Adult Mortality Rate (per 1000 population), Female



Min. Year:2016 Max. Year: 2016  
N: 183



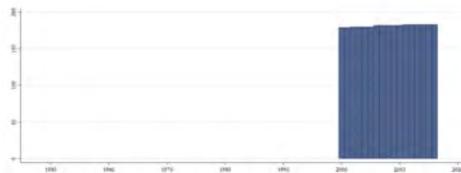
Min. Year:2000 Max. Year: 2016  
N: 184 n: 3086  $\bar{N}$ : 182  $\bar{T}$ : 17

**4.108.19 Adult Mortality Rate (per 1000 population), Male (who\_mrm)**

Adult Mortality Rate (per 1000 population), Male



Min. Year:2016 Max. Year: 2016  
N: 183



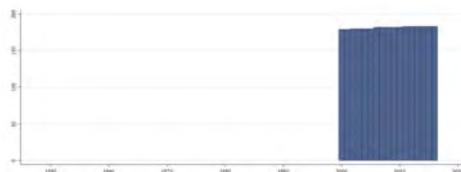
Min. Year:2000 Max. Year: 2016  
N: 184 n: 3086  $\bar{N}$ : 182  $\bar{T}$ : 17

**4.108.20 Adult Mortality Rate (per 1000 population), Total (who\_mrt)**

Adult Mortality Rate (per 1000 population), Total



Min. Year:2016 Max. Year: 2016  
N: 183



Min. Year:2000 Max. Year: 2016  
N: 184 n: 3086  $\bar{N}$ : 182  $\bar{T}$ : 17

**4.108.21 Estimated road traffic death rate (100,000 population) (who\_roadtrd)**

Estimated road traffic death rate (per 100 000 population)



Min. Year:2016 Max. Year: 2016  
N: 173

Variable not included  
in Time-Series Data

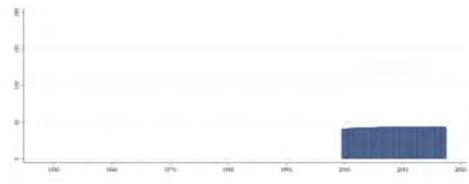
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.108.22 Rural population using basic sanitation services (%) (who\_sanitrur)**

Rural population using basic sanitation services (%)



Min. Year:2017 Max. Year: 2017  
N: 44



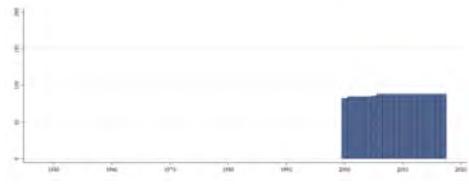
Min. Year:2000 Max. Year: 2017  
N: 44 n: 783  $\bar{N}$ : 44  $\bar{T}$ : 18

**4.108.23 Total population using basic sanitation services (%) (who\_sanittot)**

Total population using basic sanitation services (%)



Min. Year:2017 Max. Year: 2017  
N: 88



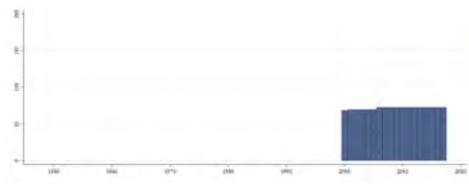
Min. Year:2000 Max. Year: 2017  
N: 88 n: 1565  $\bar{N}$ : 87  $\bar{T}$ : 18

**4.108.24 Urban population using basic sanitation services (%) (who\_saniturb)**

Urban population using basic sanitation services (%)



Min. Year:2017 Max. Year: 2017  
N: 73



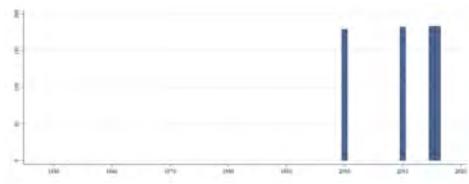
Min. Year:2000 Max. Year: 2017  
N: 73 n: 1295  $\bar{N}$ : 72  $\bar{T}$ : 18

**4.108.25 Suicide Rate (per 100 000 population), Female (who\_suif)**

Age-standardized suicide rates (per 100 000 population), Female



Min. Year:2016 Max. Year: 2016  
N: 183



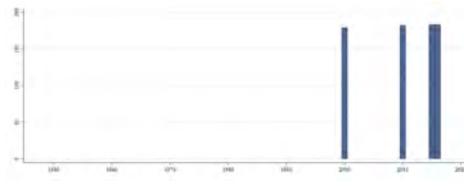
Min. Year:2000 Max. Year: 2016  
N: 184 n: 727  $\bar{N}$ : 43  $\bar{T}$ : 4

**4.108.26 Suicide Rate (per 100 000 population), Male (who\_suim)**

Age-standardized suicide rates (per 100 000 population), Male



Min. Year:2016 Max. Year: 2016  
N: 183



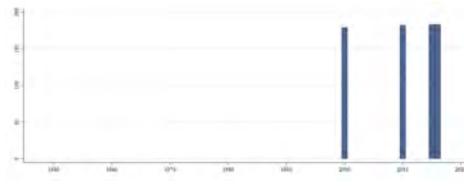
Min. Year:2000 Max. Year: 2016  
N: 184 n: 727  $\bar{N}$ : 43  $\bar{T}$ : 4

#### 4.108.27 Suicide Rate (per 100 000 population), Total (who\_suit)

Age-standardized suicide rates (per 100 000 population), Total



Min. Year:2016 Max. Year: 2016  
N: 183



Min. Year:2000 Max. Year: 2016  
N: 184 n: 727  $\bar{N}$ : 43  $\bar{T}$ : 4

### 4.109 World Happiness Report

<https://worldhappiness.report/>  
(Helliwell et al., 2020)  
(Data downloaded: 2021-01-22)

#### World Happiness Index

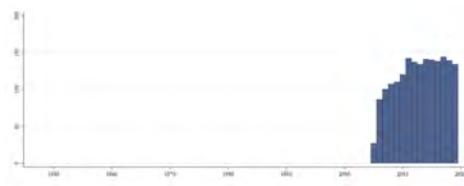
The World Happiness Report is a landmark survey of the state of global happiness that ranks 156 countries by how happy their citizens perceive themselves to be.

#### 4.109.1 National-level average scores for subjective well-being (whr\_hap)

National-level average scores for subjective well-being, as measured by answers to the Cantril ladder question asking people to evaluate the quality of their current lives on a scale of 0 to 10, where 0 represents the worst possible life for them, and 10 the best.



Min. Year:2014 Max. Year: 2018  
N: 156



Min. Year:2005 Max. Year: 2019  
N: 162 n: 1800  $\bar{N}$ : 120  $\bar{T}$ : 11

### 4.110 Geddes, Wright and Frantz

<http://sites.psu.edu/dictators/>  
(Geddes et al., 2014)  
(Data downloaded: 2019-09-04)

### Autocratic Regime Data: All Political Regimes

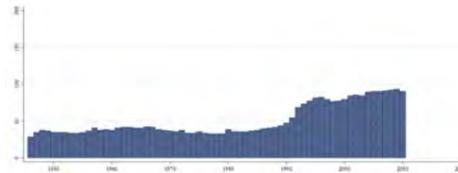
Data to identify and analyze autocracy-to-autocracy transitions. Version 1.2. When the leader of an autocratic regime loses power, one of three things happens. The incumbent leadership group is replaced by democratically elected leaders. Someone from the incumbent leadership group replaces him, and the regime persists. Or the incumbent leadership group loses control to a different group that replaces it with a new autocracy. Much scholarship exists on the first kind of transition, but little on transitions from one autocracy to another, though they make up about half of all regime changes.

#### 4.110.1 Non-Autocracy (wr\_nonautocracy)

Variable on what substituted the autocracy. Classes are:

1. Democracy
2. Foreign-Occupied
3. Not-Independent
4. Provisional
5. Warlord
6. Warlord/Foreign-occupied

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

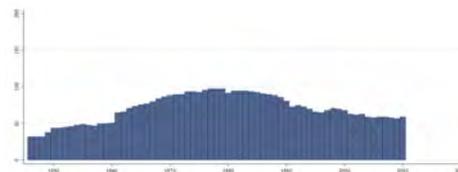
Min. Year:1946 Max. Year: 2010  
N: 114 n: 3341  $\bar{N}$ : 51  $\bar{T}$ : 29

#### 4.110.2 Regime Type (wr\_regtype)

Variable on regime type. Classes are:

1. Indirect military
2. Military
3. Military-Personal
4. Monarchy
5. Oligarchy
6. Party
7. Party-Military
8. Party-Military-Personal
9. Party-Personal
10. Personal

Variable not included  
in Cross-Section Data



N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1946 Max. Year: 2010  
N: 123 n: 4554  $\bar{N}$ : 70  $\bar{T}$ : 37

### 4.111 World Values Survey / European Values Survey

<http://www.worldvaluessurvey.org/>

(Inglehart et al., 2014) (Haerpfer et al., 2020) (EVS, 2020a) (EVS, 2020b)

(Data downloaded: 2020-10-30)

## World Values Survey dataset and European Values Studies dataset

The World Values Survey is a global network of social scientists studying changing values and their impact on social and political life, led by an international team of scholars, with the WVS association and secretariat headquartered in Stockholm, Sweden. The European Values Study started in 1981 when a thousand citizens in the European Member States of that time were interviewed using standardized questionnaires. Every nine years, the survey is repeated in a variable number of countries. The fourth wave in 2008 covers no less than 47 European countries/regions, from Iceland to Georgia and from Portugal to Norway. EVS is cooperating with WVS for the data collection in Europe and both datasets can be integrated.

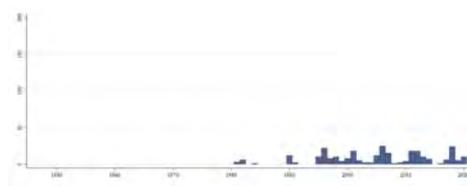
The variables are country averages calculated using the population weight provided by WVS/EVS.

### 4.111.1 Autonomy Index (wvs\_auton)

Autonomy Index



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1981 Max. Year: 2020  
N: 99 n: 271  $\bar{N}$ : 7  $\bar{T}$ : 3

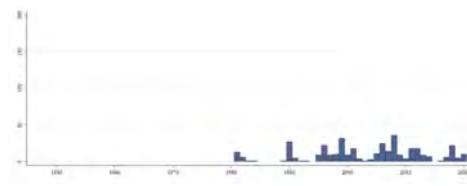
### 4.111.2 Confidence: Armed Forces (wvs\_confaf)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: Armed Forces

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 49



Min. Year:1981 Max. Year: 2020  
N: 106 n: 368  $\bar{N}$ : 9  $\bar{T}$ : 3

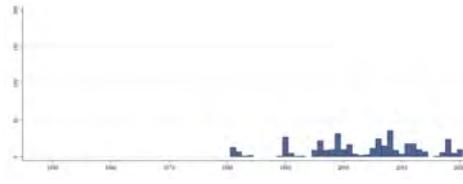
### 4.111.3 Confidence: Churches (wvs\_confch)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: Churches

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1981 Max. Year: 2020  
N: 108 n: 376  $\bar{N}$ : 9  $\bar{T}$ : 3

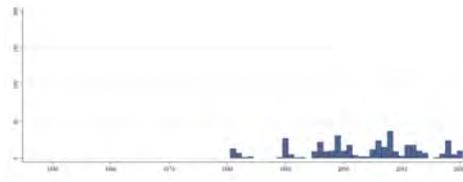
#### 4.111.4 Confidence: The Civil Services (wvs\_confcs)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: The Civil Services

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1981 Max. Year: 2020  
N: 106 n: 374  $\bar{N}$ : 9  $\bar{T}$ : 4

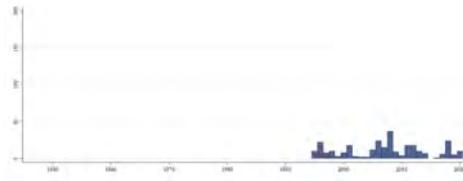
#### 4.111.5 Confidence: The Environmental Protection Movement (wvs\_confenv)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: The Environmental Protection Movement

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1995 Max. Year: 2020  
N: 107 n: 286  $\bar{N}$ : 11  $\bar{T}$ : 3

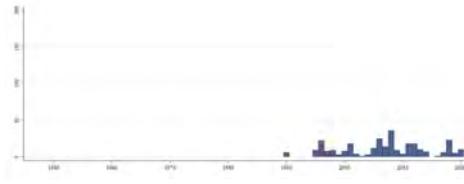
#### 4.111.6 Confidence: The Government (wvs\_confgov)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: The Government

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 50



Min. Year:1990 Max. Year: 2020  
N: 106 n: 289  $\bar{N}$ : 9  $\bar{T}$ : 3

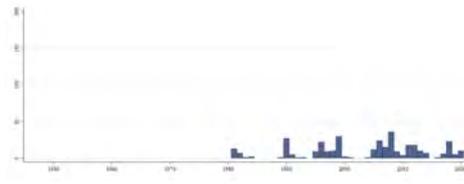
#### 4.111.7 Confidence: Justice System/Courts (wvs\_confjs)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: Justice System/Courts

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 50



Min. Year:1981 Max. Year: 2020  
N: 105 n: 340  $\bar{N}$ : 9  $\bar{T}$ : 3

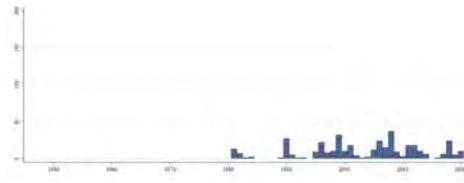
#### 4.111.8 Confidence: Labour Unions (wvs\_confju)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: Labour Unions

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 50



Min. Year:1981 Max. Year: 2020  
N: 105 n: 372  $\bar{N}$ : 9  $\bar{T}$ : 4

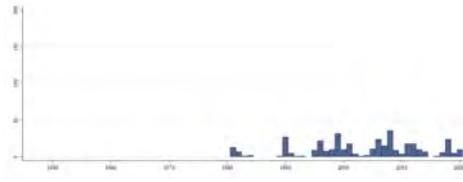
#### 4.111.9 Confidence: Parliament (wvs\_confpar)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: Parliament

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1981 Max. Year: 2020  
N: 107 n: 372  $\bar{N}$ : 9  $\bar{T}$ : 3

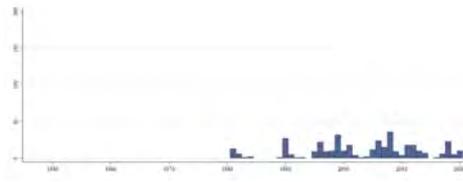
#### 4.111.10 Confidence: The Police (wvs\_confpol)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: The Police

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 50



Min. Year:1981 Max. Year: 2020  
N: 107 n: 372  $\bar{N}$ : 9  $\bar{T}$ : 3

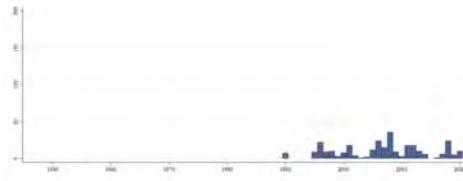
#### 4.111.11 Confidence: The Political Parties (wvs\_confpp)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: The Political Parties

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 50



Min. Year:1990 Max. Year: 2020  
N: 104 n: 290  $\bar{N}$ : 9  $\bar{T}$ : 3

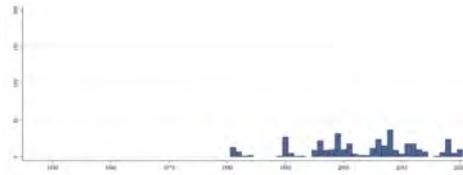
#### 4.111.12 Confidence: The Press (wvs\_confpr)

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: The Press

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1981 Max. Year: 2020  
N: 108 n: 376  $\bar{N}$ : 9  $\bar{T}$ : 3

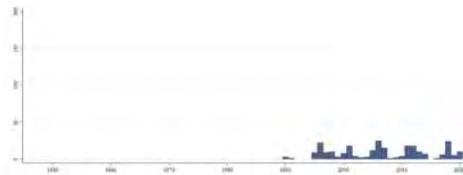
**4.111.13 Confidence: Television (wvs\_confvtv)**

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: Television

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1990 Max. Year: 2020  
N: 98 n: 250  $\bar{N}$ : 8  $\bar{T}$ : 3

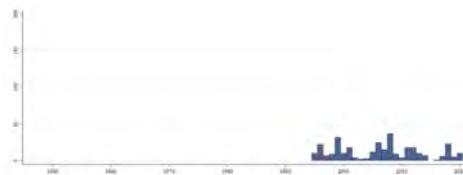
**4.111.14 Confidence: The United Nations (wvs\_confun)**

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: The United Nations

1. None at all
2. Not very much
3. Quite a lot
4. A great deal



Min. Year:2014 Max. Year: 2020  
N: 50



Min. Year:1995 Max. Year: 2020  
N: 107 n: 317  $\bar{N}$ : 12  $\bar{T}$ : 3

**4.111.15 Importance of democracy (wvs\_demimp)**

How important is it for you to live in a country that is governed democratically?

1. Not at all important
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

- 9.
- 10. Absolutely important



Min. Year:2014 Max. Year: 2020  
N: 51

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.111.16 Democraticness in own country (wvs\_democ)**

How democratically is this country being governed today?

- 1. Not at all democratic
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10. Completely democratic



Min. Year:2014 Max. Year: 2020  
N: 50

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

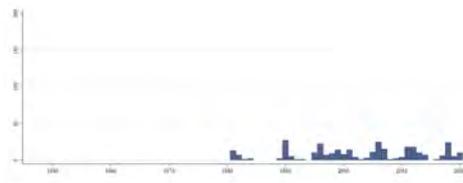
**4.111.17 Willingness to fight for country (wvs\_fight)**

Of course, we all hope that there will not be another war, but if it were to come to that, would you be willing to fight for your country?

- 0. No
- 1. Yes



Min. Year:2014 Max. Year: 2020  
N: 51

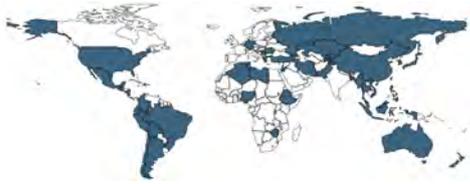


Min. Year:1981 Max. Year: 2020  
N: 107 n: 308  $\bar{N}$ : 8  $\bar{T}$ : 3

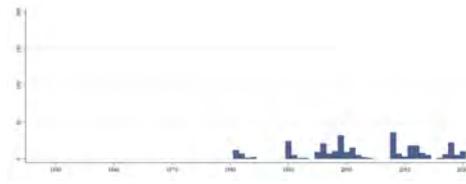
**4.111.18 Believe in God (wvs\_godbel)**

Do you believe in God?

- 0. No
- 1. Yes



Min. Year:2014 Max. Year: 2020  
N: 47



Min. Year:1981 Max. Year: 2020  
N: 102 n: 303  $\bar{N}$ : 8  $\bar{T}$ : 3

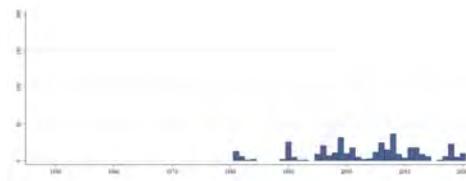
#### 4.111.19 How important is God in your life (wvs\_godimp)

How important is God in your life?

1. Not at all important
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
10. Very important



Min. Year:2014 Max. Year: 2020  
N: 49



Min. Year:1981 Max. Year: 2020  
N: 108 n: 373  $\bar{N}$ : 9  $\bar{T}$ : 3

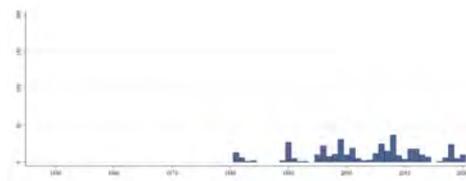
#### 4.111.20 Feeling of happiness (wvs\_hap)

Taking all things together, would you say you are:

1. Not at all happy
2. Not very happy
3. Rather happy
4. Very happy



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1981 Max. Year: 2020  
N: 109 n: 380  $\bar{N}$ : 10  $\bar{T}$ : 3

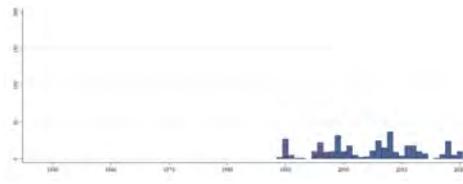
#### 4.111.21 Important in life: Politics (wvs\_imppol)

For each of the following, indicate how important it is in your life. Would you say it is: Politics

1. Not at all important
2. Not very important
3. Rather important
4. Very important



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1989 Max. Year: 2020  
N: 108 n: 357  $\bar{N}$ : 11  $\bar{T}$ : 3

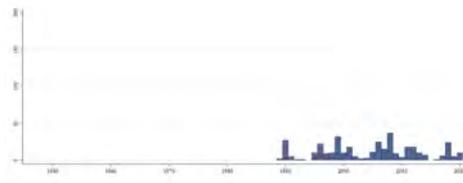
#### 4.111.22 Important in life: Religion (wvs\_impred)

For each of the following, indicate how important it is in your life. Would you say it is: Religion

1. Not at all important
2. Not very important
3. Rather important
4. Very important



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1989 Max. Year: 2020  
N: 108 n: 357  $\bar{N}$ : 11  $\bar{T}$ : 3

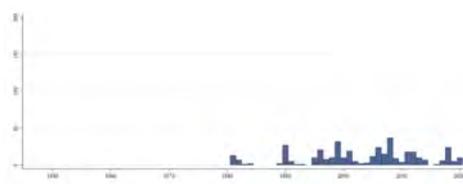
#### 4.111.23 Justifiable: someone accepting a bribe (wvs\_jabrike)

Please tell me for each of the following actions whether you think it can always be justified, never be justified, or something in between: Someone accepting a bribe in the course of their duties

1. Never justifiable
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
10. Always justifiable



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1981 Max. Year: 2020  
N: 109 n: 379  $\bar{N}$ : 9  $\bar{T}$ : 3

#### 4.111.24 Justifiable: cheating on taxes (wvs\_jacot)

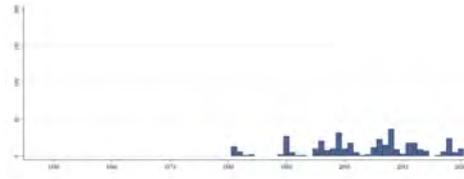
Please tell me for each of the following actions whether you think it can always be justified, never be justified, or something in between: Cheating on taxes if you have a chance

1. Never justifiable
- 2.

- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
10. Always justifiable



Min. Year:2014 Max. Year: 2020  
N: 51



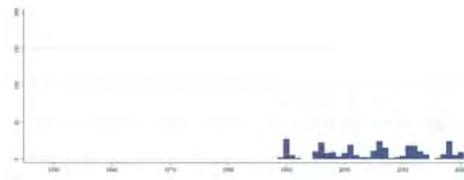
Min. Year:1981 Max. Year: 2020  
N: 106 n: 372  $\bar{N}$ : 9  $\bar{T}$ : 4

#### 4.111.25 Post-Materialist index 12-item (wvs\_pmi12)

Post-Materialist index 12-item



Min. Year:2014 Max. Year: 2020  
N: 49



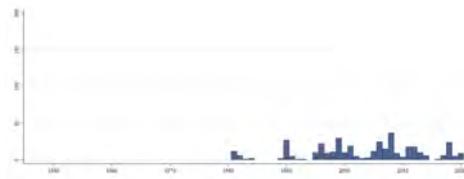
Min. Year:1989 Max. Year: 2020  
N: 105 n: 277  $\bar{N}$ : 9  $\bar{T}$ : 3

#### 4.111.26 Post-Materialist index 4-item (wvs\_pmi4)

Post-Materialist index 4-item



Min. Year:2014 Max. Year: 2020  
N: 49



Min. Year:1981 Max. Year: 2020  
N: 107 n: 377  $\bar{N}$ : 9  $\bar{T}$ : 4

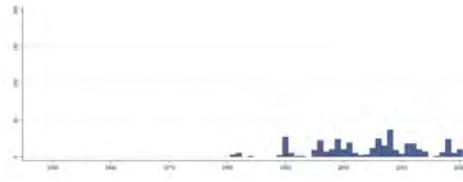
#### 4.111.27 Interest in politics (wvs\_polint)

How interested would you say you are in politics?

1. Not at all interested
2. Not very interested
3. Somewhat interested
4. Very interested



Min. Year:2014 Max. Year: 2020  
N: 51

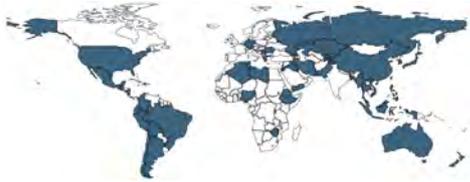


Min. Year:1981 Max. Year: 2020  
N: 109 n: 357  $\bar{N}$ : 9  $\bar{T}$ : 3

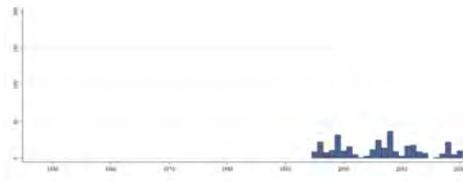
#### 4.111.28 Political system: Having the army rule (wvs\_psarmy)

I'm going to describe various types of political systems and ask what you think about each as a way of governing this country: Having the army rule

1. Very bad
2. Fairly bad
3. Fairly good
4. Very good



Min. Year:2014 Max. Year: 2020  
N: 49



Min. Year:1995 Max. Year: 2020  
N: 105 n: 312  $\bar{N}$ : 12  $\bar{T}$ : 3

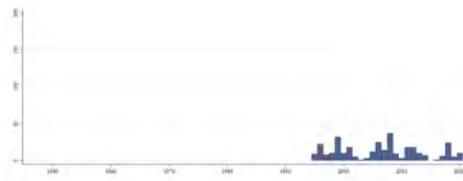
#### 4.111.29 Political system: Having a democratic political system (wvs\_psdem)

I'm going to describe various types of political systems and ask what you think about each as a way of governing this country: Having a democratic political system

1. Very bad
2. Fairly bad
3. Fairly good
4. Very good



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1995 Max. Year: 2020  
N: 105 n: 317  $\bar{N}$ : 12  $\bar{T}$ : 3

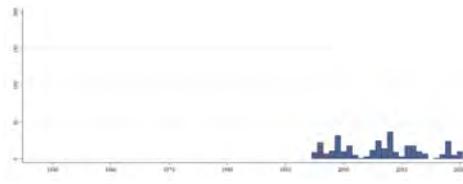
#### 4.111.30 Political system: Having experts make decisions (wvs\_psexp)

I'm going to describe various types of political systems and ask what you think about each as a way of governing this country: Having experts, not government, make decisions according to what they think is best for the country

1. Very bad
2. Fairly bad
3. Fairly good
4. Very good



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1995 Max. Year: 2020  
N: 105 n: 317  $\bar{N}$ : 12  $\bar{T}$ : 3

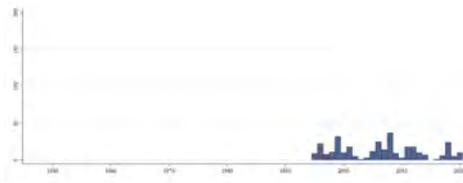
#### 4.111.31 Political system: Having a strong leader (wvs\_pssl)

I'm going to describe various types of political systems and ask what you think about each as a way of governing this country: Having a strong leader who does not have to bother with parliament and elections

1. Very bad
2. Fairly bad
3. Fairly good
4. Very good



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1995 Max. Year: 2020  
N: 105 n: 318  $\bar{N}$ : 12  $\bar{T}$ : 3

#### 4.111.32 The only acceptable religion is my religion (wvs\_relacc)

Please tell us if you strongly agree, agree, disagree, or strongly disagree with the following statements:  
The only acceptable religion is my religion

1. Strongly disagree
2. Disagree
3. Agree
4. Strongly agree



Min. Year:2014 Max. Year: 2020  
N: 50

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.111.33 Whenever science and religion conflict, religion is always right (wvs\_relsci)

Please tell us if you strongly agree, agree, disagree, or strongly disagree with the following statements:  
Whenever science and religion conflict, religion is always right

1. Strongly disagree
2. Disagree
3. Agree
4. Strongly agree



Min. Year: 2014 Max. Year: 2020  
N: 51

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

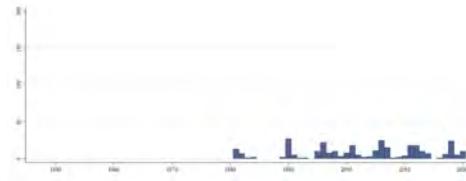
#### 4.111.34 Satisfaction with financial situation of household (wvs\_satfin)

How satisfied are you with the financial situation of your household?

1. Completely dissatisfied
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
10. Completely satisfied



Min. Year: 2014 Max. Year: 2020  
N: 51



Min. Year: 1981 Max. Year: 2020  
N: 106 n: 305  $\bar{N}$ : 8  $\bar{T}$ : 3

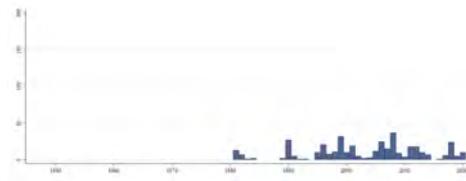
#### 4.111.35 Satisfaction with your life (wvs\_satlif)

All things considered, how satisfied are you with your life as a whole these days?

1. Completely dissatisfied
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
10. Completely satisfied



Min. Year: 2014 Max. Year: 2020  
N: 51



Min. Year: 1981 Max. Year: 2020  
N: 109 n: 381  $\bar{N}$ : 10  $\bar{T}$ : 3

**4.111.36 We depend too much on science and not enough on faith (wvs\_screl)**

We depend too much on science and not enough on faith

1. Completely disagree
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
10. Completely agree



Min. Year:2014 Max. Year: 2020  
N: 51

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

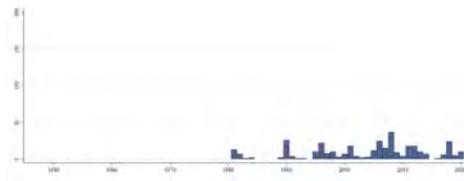
**4.111.37 State of health (subjective) (wvs\_subh)**

All in all, how would you describe your state of health these days? Would you say it is:

1. Poor
2. Fair
3. Good
4. Very good



Min. Year:2014 Max. Year: 2020  
N: 51



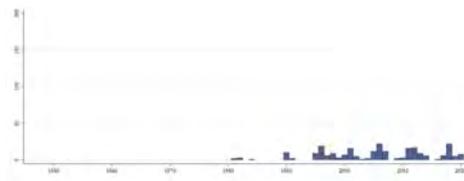
Min. Year:1981 Max. Year: 2020  
N: 108 n: 345  $\bar{N}$ : 9  $\bar{T}$ : 3

**4.111.38 REGR factor score 2 for analysis 1 (wvs\_survself)**

REGR factor score 2 for analysis 1



Min. Year:2014 Max. Year: 2020  
N: 46



Min. Year:1981 Max. Year: 2020  
N: 93 n: 236  $\bar{N}$ : 6  $\bar{T}$ : 3

**4.111.39 Most people can be trusted (wvs\_trust)**

Generally speaking, would you say that most people can be trusted or that you need to be very careful in dealing with people?

- 0. Need to be very careful
- 1. Most people can be trusted



Min. Year:2014 Max. Year: 2020  
N: 51



Min. Year:1981 Max. Year: 2020  
N: 109 n: 382  $\bar{N}$ : 10  $\bar{T}$ : 4

#### 4.111.40 Work is a duty towards society (wvs\_wduty)

Work is a duty towards society



Min. Year:2017 Max. Year: 2020  
N: 45

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.111.41 People who don't work turn lazy (wvs\_wlazy)

People who don't work turn lazy



Min. Year:2017 Max. Year: 2020  
N: 45

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.112 The World Bank Group

<https://datacatalog.worldbank.org/dataset/worldwide-bureaucracy-indicators>  
(The World Bank, 2020)  
(Data downloaded: 2020-10-29)

#### Worldwide Bureaucracy Indicators

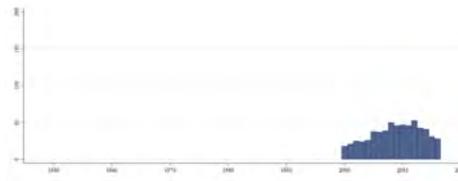
The Worldwide Bureaucracy Indicators (WWBI) is a dataset on public sector employment and wages that can help researchers and development practitioners gain a better understanding of the personnel dimensions of state capability, the footprint of the public sector on the overall labor market, and the fiscal implications of the government wage bill. The WWBI aim to fill the gap in information on the personnel of the state by providing more objective measures drawing on administrative data and household surveys, thereby complementing existing, expert perception-based approaches.

**4.112.1 Female to male wage ratio in the private sector (using mean) (wwbi\_fmwr-prmean)**

Female to male wage ratio in the private sector (using mean)



Min. Year:2014 Max. Year: 2016  
N: 47



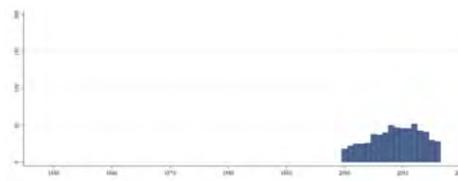
Min. Year:2000 Max. Year: 2016  
N: 98 n: 613  $\bar{N}$ : 36  $\bar{T}$ : 6

**4.112.2 Female to male wage ratio in the private sector (using median) (wwbi\_fmwr-prmedian)**

Female to male wage ratio in the private sector (using median)



Min. Year:2014 Max. Year: 2016  
N: 46



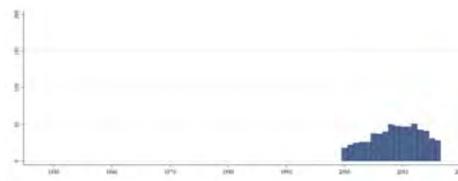
Min. Year:2000 Max. Year: 2016  
N: 100 n: 614  $\bar{N}$ : 36  $\bar{T}$ : 6

**4.112.3 Female to male wage ratio in the public sector (using mean) (wwbi\_fmwr-pumean)**

Female to male wage ratio in the public sector (using mean)



Min. Year:2014 Max. Year: 2016  
N: 47



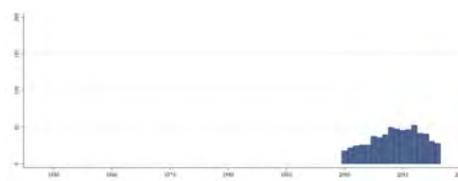
Min. Year:2000 Max. Year: 2016  
N: 102 n: 618  $\bar{N}$ : 36  $\bar{T}$ : 6

**4.112.4 Female to male wage ratio in the public sector (using median) (wwbi\_fmwr-pumedian)**

Female to male wage ratio in the public sector (using median)



Min. Year:2014 Max. Year: 2016  
N: 47



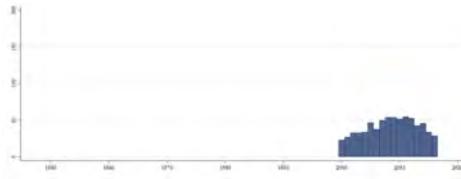
Min. Year:2000 Max. Year: 2016  
N: 101 n: 617  $\bar{N}$ : 36  $\bar{T}$ : 6

**4.112.5 Females, as a share of private paid employees (wwbi\_fsprpemp)**

Females as a share of private paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



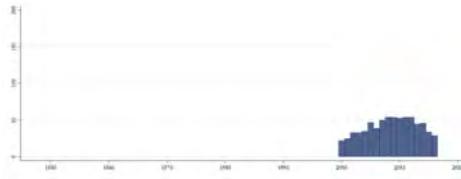
Min. Year:2000 Max. Year: 2016  
N: 120 n: 705  $\bar{N}$ : 41  $\bar{T}$ : 6

#### 4.112.6 Females, as a share of public paid employees (wwbi\_fspuemp)

Females, as a share of public paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



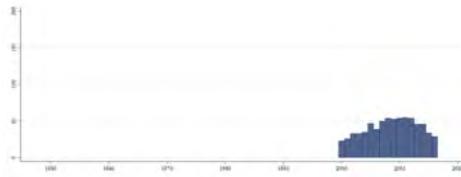
Min. Year:2000 Max. Year: 2016  
N: 123 n: 707  $\bar{N}$ : 42  $\bar{T}$ : 6

#### 4.112.7 Mean age of private paid employees (wwbi\_meanageprpe)

Mean age of private paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



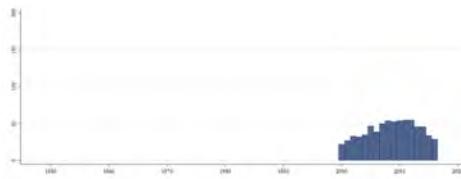
Min. Year:2000 Max. Year: 2016  
N: 124 n: 711  $\bar{N}$ : 42  $\bar{T}$ : 6

#### 4.112.8 Mean age of public paid employees (wwbi\_meanagepupe)

Mean age of public paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



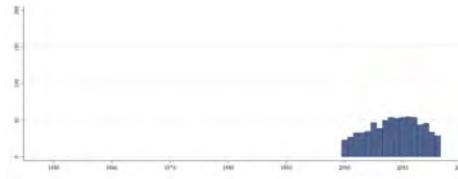
Min. Year:2000 Max. Year: 2016  
N: 122 n: 711  $\bar{N}$ : 42  $\bar{T}$ : 6

#### 4.112.9 Median age of private paid employees (wwbi\_medianageprpe)

Median age of private paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



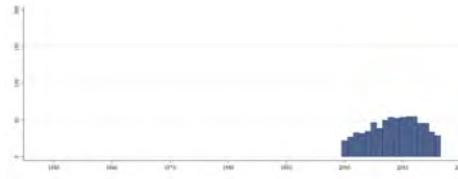
Min. Year:2000 Max. Year: 2016  
N: 122 n: 710  $\bar{N}$ : 42  $\bar{T}$ : 6

#### 4.112.10 Median age of public paid employees (wwbi\_medianagepupe)

Median age of public paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



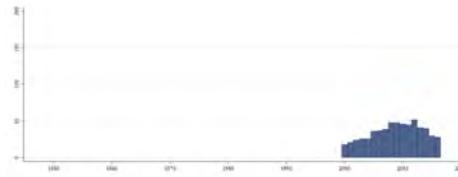
Min. Year:2000 Max. Year: 2016  
N: 122 n: 711  $\bar{N}$ : 42  $\bar{T}$ : 6

#### 4.112.11 Pay compression ratio in private sector (wwbi\_paycomppr)

Pay compression ratio in private sector



Min. Year:2014 Max. Year: 2016  
N: 45



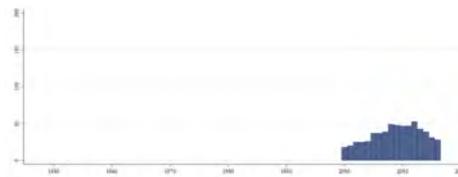
Min. Year:2000 Max. Year: 2016  
N: 94 n: 605  $\bar{N}$ : 36  $\bar{T}$ : 6

#### 4.112.12 Pay compression ratio in public sector (wwbi\_paycomppu)

Pay compression ratio in public sector



Min. Year:2014 Max. Year: 2016  
N: 45



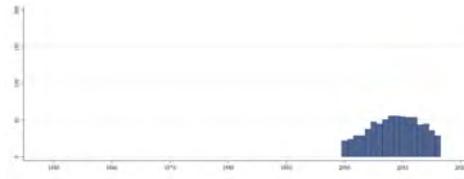
Min. Year:2000 Max. Year: 2016  
N: 96 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 6

#### 4.112.13 Share of private paid employees with health insurance (wwbi\_prpemphi)

Share of private paid employees with health insurance



Min. Year:2014 Max. Year: 2016  
N: 55



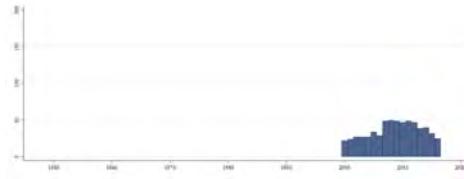
Min. Year:2000 Max. Year: 2016  
N: 119 n: 715  $\bar{N}$ : 42  $\bar{T}$ : 6

**4.112.14 Share of private paid employees with social security (wwbi\_prpempss)**

Share of private paid employees with social security



Min. Year:2014 Max. Year: 2016  
N: 54



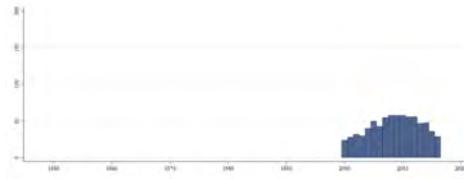
Min. Year:2000 Max. Year: 2016  
N: 118 n: 617  $\bar{N}$ : 36  $\bar{T}$ : 5

**4.112.15 Share of private paid employees with union membership (wwbi\_prpempum)**

Share of private paid employees with union membership



Min. Year:2014 Max. Year: 2016  
N: 59



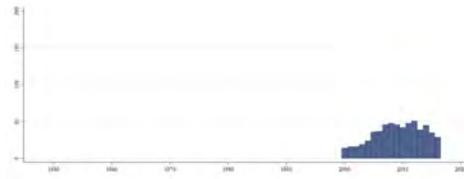
Min. Year:2000 Max. Year: 2016  
N: 118 n: 748  $\bar{N}$ : 44  $\bar{T}$ : 6

**4.112.16 Public sector employment as a share of formal employment (wwbi\_psefemp)**

Public sector employment as a share of formal employment



Min. Year:2014 Max. Year: 2016  
N: 54



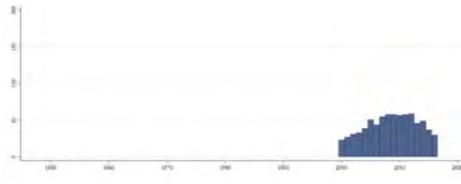
Min. Year:2000 Max. Year: 2016  
N: 93 n: 591  $\bar{N}$ : 35  $\bar{T}$ : 6

**4.112.17 Public sector employment as a share of total employment (wwbi\_psemtot)**

Public sector employment as a share of total employment



Min. Year:2014 Max. Year: 2016  
N: 60



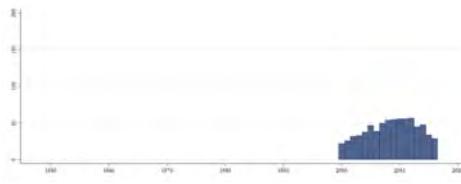
Min. Year:2000 Max. Year: 2016  
N: 123 n: 755  $\bar{N}$ : 44  $\bar{T}$ : 6

**4.112.18 Public sector employment as a share of total employment by gender (Female) (wwbi\_psemptof)**

Public sector employment as a share of total employment by gender (Female)



Min. Year:2014 Max. Year: 2016  
N: 57



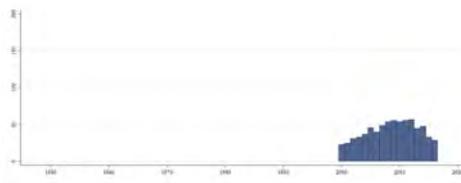
Min. Year:2000 Max. Year: 2016  
N: 121 n: 721  $\bar{N}$ : 42  $\bar{T}$ : 6

**4.112.19 Public sector employment as a share of total employment by gender (Male) (wwbi\_psemptom)**

Public sector employment as a share of total employment by gender (Male)



Min. Year:2014 Max. Year: 2016  
N: 56



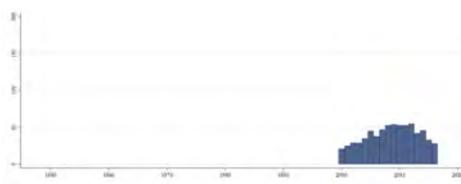
Min. Year:2000 Max. Year: 2016  
N: 120 n: 716  $\bar{N}$ : 42  $\bar{T}$ : 6

**4.112.20 Public sector employment as a share of total employment by location (Rural) (wwbi\_psemptotr)**

Public sector employment as a share of total employment by location (Rural)



Min. Year:2014 Max. Year: 2016  
N: 55



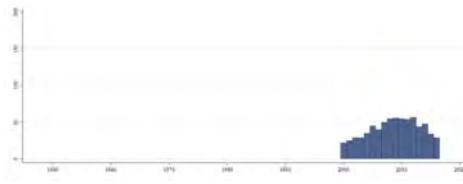
Min. Year:2000 Max. Year: 2016  
N: 116 n: 686  $\bar{N}$ : 40  $\bar{T}$ : 6

**4.112.21 Public sector employment as a share of total employment by location (Urban) (wwbi\_psemptotu)**

Public sector employment as a share of total employment by location (Urban)



Min. Year:2014 Max. Year: 2016  
N: 57



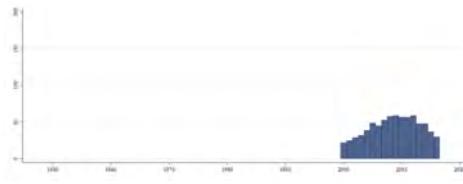
Min. Year:2000 Max. Year: 2016  
N: 120 n: 707  $\bar{N}$ : 42  $\bar{T}$ : 6

**4.112.22 Public sector employment as a share of paid employment (wwbi\_psepemp)**

Public sector employment as a share of paid employment



Min. Year:2014 Max. Year: 2016  
N: 59



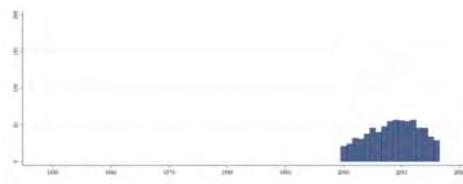
Min. Year:2000 Max. Year: 2016  
N: 125 n: 747  $\bar{N}$ : 44  $\bar{T}$ : 6

**4.112.23 Public sector employment as a share of paid employment by gender (Female) (wwbi\_psepempf)**

Public sector employment as a share of paid employment by gender (Female)



Min. Year:2014 Max. Year: 2016  
N: 55



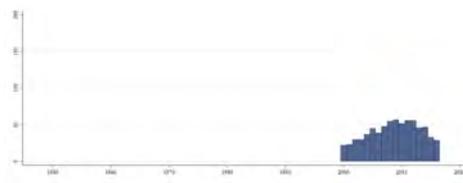
Min. Year:2000 Max. Year: 2016  
N: 123 n: 715  $\bar{N}$ : 42  $\bar{T}$ : 6

**4.112.24 Public sector employment as a share of paid employment by gender (Male) (wwbi\_psepmpm)**

Public sector employment as a share of paid employment by gender (Male)



Min. Year:2014 Max. Year: 2016  
N: 55



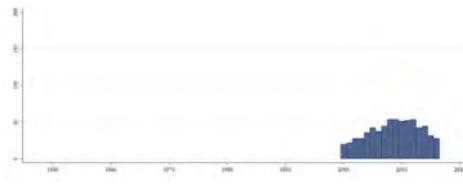
Min. Year:2000 Max. Year: 2016  
N: 120 n: 705  $\bar{N}$ : 41  $\bar{T}$ : 6

**4.112.25 Public sector employment as a share of paid employment by location (Rural) (wwbi\_psepempr)**

Public sector employment as a share of paid employment by location (Rural)



Min. Year:2014 Max. Year: 2016  
N: 53



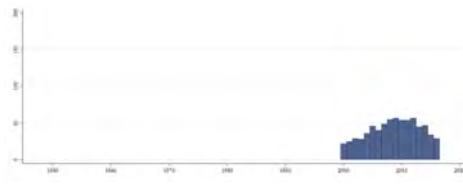
Min. Year:2000 Max. Year: 2016  
N: 116 n: 675  $\bar{N}$ : 40  $\bar{T}$ : 6

**4.112.26 Public sector employment as a share of paid employment by location (Urban) (wwbi\_psepempu)**

Public sector employment as a share of paid employment by location (Urban)



Min. Year:2014 Max. Year: 2016  
N: 56



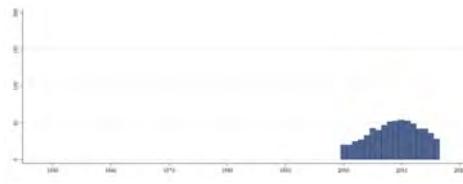
Min. Year:2000 Max. Year: 2016  
N: 121 n: 707  $\bar{N}$ : 42  $\bar{T}$ : 6

**4.112.27 Share of public paid employees with health insurance (wwbi\_pupemphi)**

Share of public paid employees with health insurance



Min. Year:2014 Max. Year: 2016  
N: 51



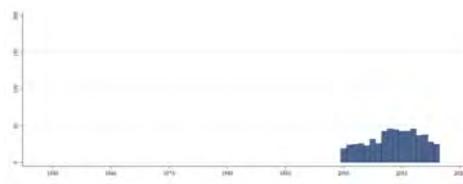
Min. Year:2000 Max. Year: 2016  
N: 112 n: 664  $\bar{N}$ : 39  $\bar{T}$ : 6

**4.112.28 Share of public paid employees with social security (wwbi\_pupempss)**

Share of public paid employees with social security



Min. Year:2014 Max. Year: 2016  
N: 48



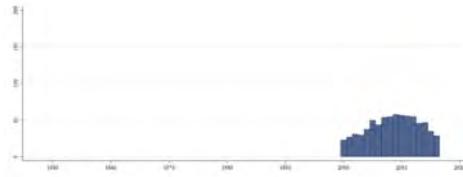
Min. Year:2000 Max. Year: 2016  
N: 105 n: 569  $\bar{N}$ : 33  $\bar{T}$ : 5

**4.112.29 Share of public paid employees with union membership (wwbi\_pupempum)**

Share of public paid employees with union membership



Min. Year:2014 Max. Year: 2016  
N: 57



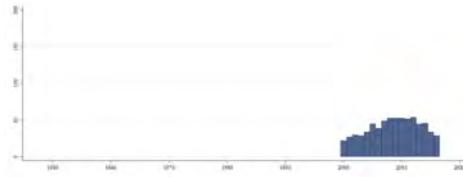
Min. Year:2000 Max. Year: 2016  
N: 116 n: 735  $\bar{N}$ : 43  $\bar{T}$ : 6

**4.112.30 Rural residents as a share of private paid employees (wwbi\_rrespripemp)**

Rural residents as a share of private paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



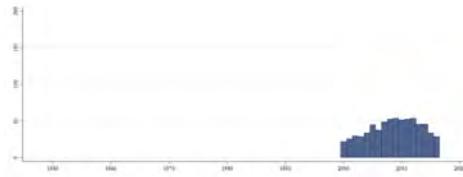
Min. Year:2000 Max. Year: 2016  
N: 119 n: 694  $\bar{N}$ : 41  $\bar{T}$ : 6

**4.112.31 Rural residents as a share of public paid employees (wwbi\_rrespubpemp)**

Rural resident as a share of public paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



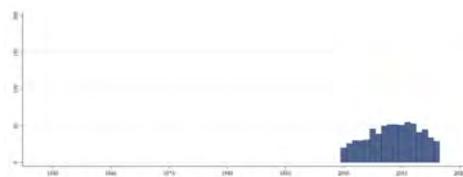
Min. Year:2000 Max. Year: 2016  
N: 120 n: 694  $\bar{N}$ : 41  $\bar{T}$ : 6

**4.112.32 Individuals with no education as a share of private paid employees (wwbi\_sprpempn)**

Individuals with no education as a share of private paid employees



Min. Year:2014 Max. Year: 2016  
N: 54



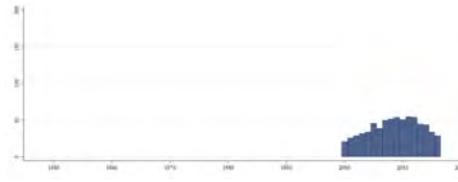
Min. Year:2000 Max. Year: 2016  
N: 115 n: 684  $\bar{N}$ : 40  $\bar{T}$ : 6

**4.112.33 Individuals with primary education as a share of private paid employees (wwbi\_sprpempp)**

Individuals with primary education as a share of private paid employees



Min. Year:2014 Max. Year: 2016  
N: 53



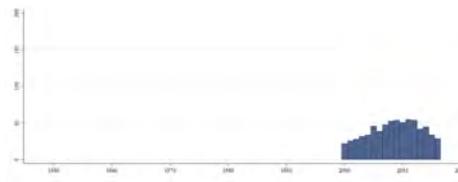
Min. Year:2000 Max. Year: 2016  
N: 119 n: 695  $\bar{N}$ : 41  $\bar{T}$ : 6

**4.112.34 Individuals with secondary education as a share of private paid employees (wwbi\_sprpemps)**

Individuals with secondary education as a share of private paid employees



Min. Year:2014 Max. Year: 2016  
N: 54



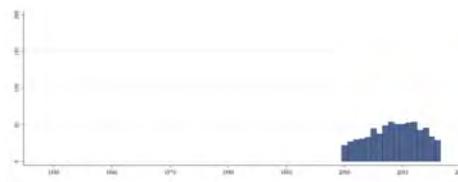
Min. Year:2000 Max. Year: 2016  
N: 118 n: 692  $\bar{N}$ : 41  $\bar{T}$ : 6

**4.112.35 Individuals with tertiary education as a share of private paid employees (wwbi\_sprpemtp)**

Individuals with tertiary education as a share of private paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



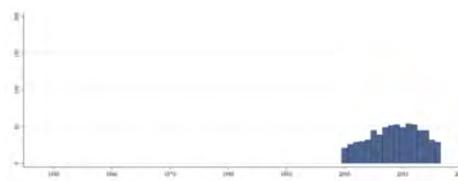
Min. Year:2000 Max. Year: 2016  
N: 117 n: 690  $\bar{N}$ : 41  $\bar{T}$ : 6

**4.112.36 Individuals with no education as a share of public paid employees (wwbi\_spupempn)**

Individuals with no education as a share of public paid employees



Min. Year:2014 Max. Year: 2016  
N: 52



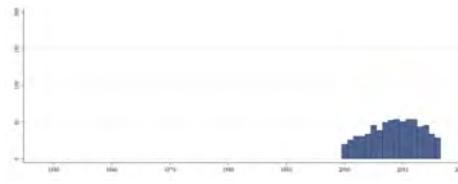
Min. Year:2000 Max. Year: 2016  
N: 112 n: 683  $\bar{N}$ : 40  $\bar{T}$ : 6

**4.112.37 Individuals with primary education as a share of public paid employees (wwbi\_spupempp)**

Individuals with primary education as a share of public paid employees



Min. Year:2014 Max. Year: 2016  
N: 55



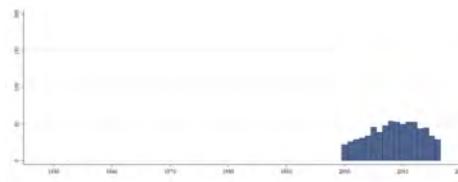
Min. Year:2000 Max. Year: 2016  
N: 118 n: 696  $\bar{N}$ : 41  $\bar{T}$ : 6

#### 4.112.38 Individuals with secondary education as a share of public paid employees (wwbi\_spupemps)

Individuals with secondary education as a share of public paid employees



Min. Year:2014 Max. Year: 2016  
N: 54



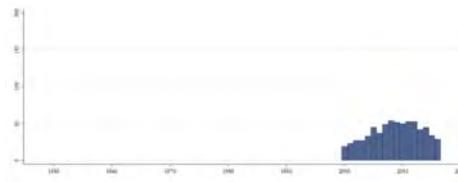
Min. Year:2000 Max. Year: 2016  
N: 118 n: 690  $\bar{N}$ : 41  $\bar{T}$ : 6

#### 4.112.39 Individuals with tertiary education as a share of public paid employees (wwbi\_spupemt)

Individuals with tertiary education as a share of public paid employees



Min. Year:2014 Max. Year: 2016  
N: 54



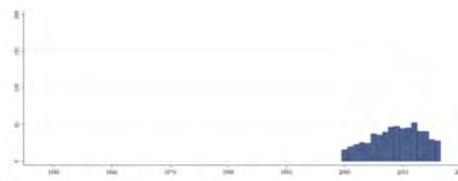
Min. Year:2000 Max. Year: 2016  
N: 115 n: 672  $\bar{N}$ : 40  $\bar{T}$ : 6

#### 4.112.40 Share of total employees with tertiary edu. working in public sector (wwbi\_tertiarypubsec)

Proportion of total employees with tertiary education working in public sector



Min. Year:2014 Max. Year: 2016  
N: 46



Min. Year:2000 Max. Year: 2016  
N: 97 n: 603  $\bar{N}$ : 35  $\bar{T}$ : 6

### 4.113 Sundström and Stockemer

<https://www.cambridge.org/core/journals/ps-political-science-and-politics/article/conceptualizing-measuring-and-explaining-youths-relative-absence-in-legislatures/A50A3BC3EEB6983FABBCEFOCBEC69E7>  
(Sundström & Stockemer, 2020)  
(Data downloaded: 2021-01-04)

## Youth Representation Index

The Youth Representation Index assesses the magnitude of youths' under-representation across countries using the last year of election available for 91 countries. Rather than calculating youths' representation by the percentage of Members of Parliament 35 or 40 years old and younger or legislatures' median age, the authors argue that scholars should assess youths' parliamentary presence relative to their proportion of the voting-age population.

### 4.113.1 Year of election (yri\_yoe)

Year of election



Min. Year: 2019 Max. Year: 2019  
N: 91

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.113.2 Youth Representation Index (35 years or younger) (yri\_yri35)

The YRI 35 is a measure in which the percentage of youth in parliament - MPs ages 18 to 35 years - is divided by the proportion of youth (ages 18 to 35) within the eligible voting-age population and then multiplying by 100. A higher score on this measure indicates a larger correspondence between youth in the population and their presence in parliaments. A score of 100 suggest that the share of young MPs is on par with the share of young people in voting-age youth in the population. A score of zero indicates that not a single individual Member of Parliament (MP) is considered to be young.



Min. Year: 2019 Max. Year: 2019  
N: 91

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.113.3 Youth Representation Index (40 years or younger) (yri\_yri40)

The YRI 40 is a measure in which the percentage of youth in parliament - MPs ages 18 to 40 years - is divided by the proportion of youth (ages 18 to 40) within the eligible voting-age population and then multiplying by 100. A higher score on this measure indicates a larger correspondence between youth in the population and their presence in parliaments. A score of 100 suggest that the share of young MPs is on par with the share of young people in voting-age youth in the population. A score of zero indicates that not a single individual Member of Parliament (MP) is considered to be young.



Min. Year: 2019 Max. Year: 2019  
N: 90

Variable not included  
in Time-Series Data

N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

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## 6 Appendix

Country name	ccode	ccodealp	Data from	Data to	Comment
Afghanistan	4	AFG	1946	2020	Independence from the UK 1919
Albania	8	ALB	1946	2020	Independence recognized by the Great Powers 1913
Algeria	12	DZA	1963	2020	Independence from France 1962
Andorra	20	AND	1946	2020	Independence from the Crown of Aragon 1278
Angola	24	AGO	1976	2020	Independence from Portugal 1975
Antigua and Barbuda	28	ATG	1982	2020	Independence from the UK 1981
Argentina	32	ARG	1946	2020	Independence from Spain 1816
Armenia	51	ARM	1992	2020	Independence from the Soviet Union recognized 1991
Australia	36	AUS	1946	2020	Statute of Westminster Adoption Act 1942
Austria	40	AUT	1955	2020	The State Treaty signed in Vienna 1955
Azerbaijan	31	AZE	1992	2020	Independence from the Soviet Union 1991
Bahamas	44	BHS	1974	2020	Independence from the UK 1973
Bahrain	48	BHR	1972	2020	End of treaties with the UK 1971
Bangladesh	50	BGD	1971	2020	Independence from Pakistan 1971
Barbados	52	BRB	1967	2020	Independence from the UK 1966
Belarus	112	BLR	1992	2020	Independence from the Soviet Union 1991
Belgium	56	BEL	1946	2020	Independence from the Netherlands recognized 1839
Belize	84	BLZ	1982	2020	Independence from the UK 1981
Benin	204	BEN	1961	2020	Independence from France 1960
Bhutan	64	BTN	1946	2020	Monarchy established 1907
Bolivia	68	BOL	1946	2020	Independence from Spain recognized 1847
Bosnia and Herzegovina	70	BIH	1992	2020	Independence from Yugoslavia 1992
Botswana	72	BWA	1967	2020	Independence from the UK 1966
Brazil	76	BRA	1946	2020	Independence from the UK of Portugal, Brazil & the Algarve 1825
Brunei	96	BRN	1984	2020	Independence from the UK 1984
Bulgaria	100	BGR	1946	2020	Independence from Ottoman Empire 1909
Burkina Faso	854	BFA	1961	2020	Independence from France 1960
Burundi	108	BDI	1963	2020	UN Trust Territory ceased to exist 1962
Cambodia	116	KHM	1954	2020	Independence from France 1953
Cameroon	120	CMR	1960	2020	Independence from France 1960
Canada	124	CAN	1946	2020	Statute of Westminster 1931
Cape Verde	132	CPV	1976	2020	Independence from Portugal 1975
Central African Republic	140	CAF	1961	2020	Independence from France 1960
Chad	148	TCD	1961	2020	Independence from France 1960
Chile	152	CHL	1946	2020	Independence from Spain recognized 1844
China	156	CHN	1946	2020	Unification of China under the Qin Dynasty 221 BC
Colombia	170	COL	1946	2020	Independence from Spain recognized 1819
Comoros	174	COM	1976	2020	Independence from France 1975
Congo, Democratic Republic	180	COD	1960	2020	Independence from Belgium 1960
Congo, Republic of	178	COG	1961	2020	Independence from France 1960

Country name	ccode	ccodealp	Data from	Data to	Comment
Costa Rica	188	CRI	1946	2020	Independence from United Provinces of Central America 1847
Cote d'Ivoire	384	CIV	1961	2020	Independence from France 1960
Croatia	191	HRV	1992	2020	Independence 1991
Cuba	192	CUB	1946	2020	Independence from the United States 1902
Cyprus (-1974)	993	CYP	1961	1974	Independence from the UK 1960
Cyprus (1975-)	196	CYP	1975	2020	Division of the island 1974
Czech Republic	203	CZE	1993	2020	Dissolution of Czechoslovakia 1993
Czechoslovakia	200	CSK	1946	1992	Independence 1918, Liberation 1945
Denmark	208	DNK	1946	2020	Consolidation 8th century
Djibouti	262	DJI	1977	2020	Independence from France 1977
Dominica	212	DMA	1979	2020	Independence from the UK 1978
Dominican Republic	214	DOM	1946	2020	Independence from Spain 1865
Ecuador	218	ECU	1946	2020	Independence from Gran Colombia 1830
Egypt	818	EGY	1946	2020	Independence from the UK 1922
El Salvador	222	SLV	1946	2020	Independence from the Greater Republic of Central America 1898
Equatorial Guinea	226	GNQ	1969	2020	Independence from Spain 1968
Eritrea	232	ERI	1993	2020	Independence from Ethiopia 1993
Estonia	233	EST	1992	2020	Independence restored 1991
Eswatini (formerly Swaziland)	748	SWZ	1969	2020	Independence from British mandate 1968
Ethiopia (-1992)	230	ETH	1946	1992	Empire of Ethiopia 1137
Ethiopia (1993-)	231	ETH	1993	2020	Eritrean Independence 1993
Fiji	242	FJI	1971	2020	Independence from the UK 1970
Finland	246	FIN	1946	2020	Independence from Soviet Russia recognized 1918
France (-1962)	991	FRA	1946	1962	French Republic 1792
France (1963-)	250	FRA	1963	2020	Algeria Independence from France 1962
Gabon	266	GAB	1961	2020	Independence from France 1960
Gambia	270	GMB	1965	2020	Independence from the UK 1965
Georgia	268	GEO	1992	2020	Independence from the Soviet Union 1991
Germany	276	DEU	1991	2020	Reunification 1990
Germany, East	278	DDR	1950	1990	Established 1949
Germany, West	280	DEU	1949	1990	Established 1949
Ghana	288	GHA	1957	2020	Independence from the British Empire 1957
Greece	300	GRC	1946	2020	Independence from the Ottoman Empire recognized 1830
Grenada	308	GRD	1974	2020	Independence from the UK 1974
Guatemala	320	GTM	1946	2020	Independence from the First Mexican Empire 1823
Guinea	324	GIN	1959	2020	Independence from France 1958
Guinea-Bissau	624	GNB	1975	2020	Independence from Portugal recognized 1974
Guyana	328	GUY	1966	2020	Independence from the UK 1966
Haiti	332	HTI	1946	2020	Independence recognized 1825
Honduras	340	HND	1946	2020	Independence declared as Honduras 1838
Hungary	348	HUN	1946	2020	Secession from Austria-Hungary 1918
Iceland	352	ISL	1946	2020	Kingdom of Iceland 1918
India	356	IND	1948	2020	Independence from the UK (Dominion) 1947
Indonesia	360	IDN	1950	2020	Independence from the Netherlands recognized 1949

Country name	cocode	cocodealp	Data from	Data to	Comment
Iran	364	IRN	1946	2020	Safavid Empire 1501
Iraq	368	IRQ	1946	2020	Independence from the UK 1932
Ireland	372	IRL	1946	2020	The Anglo-Irish Treaty 1921
Israel	376	ISR	1948	2020	Independence from Mandatory Palestine 1948
Italy	380	ITA	1946	2020	Unification 1861
Jamaica	388	JAM	1963	2020	Independence from the UK 1962
Japan	392	JPN	1946	2020	National Foundation Day 660 BC
Jordan	400	JOR	1946	2020	League of Nation mandate ended 1946
Kazakhstan	398	KAZ	1992	2020	Independence from the Soviet Union 1991
Kenya	404	KEN	1964	2020	Independence from the UK 1963
Kiribati	296	KIR	1980	2020	Independence from the UK 1979
Korea, North	408	PRK	1949	2020	Division of Korea 1948
Korea, South	410	KOR	1948	2020	Division of Korea 1948
Kuwait	414	KWT	1961	2020	Independence from the UK 1961
Kyrgyzstan	417	KGZ	1992	2020	Independence from the Soviet Union 1991
Laos	418	LAO	1954	2020	Independence from France 1953
Latvia	428	LVA	1992	2020	Independence from the Soviet Union 1991
Lebanon	422	LBN	1946	2020	Independence from France 1943
Lesotho	426	LSO	1967	2020	Independence from the UK 1966
Liberia	430	LBR	1946	2020	Independence from the American Colonization Society 1847
Libya	434	LBY	1952	2020	Released from British and French oversight 1951
Liechtenstein	438	LIE	1946	2020	Independence from German Confederation 1866
Lithuania	440	LTU	1992	2020	Independence from the Soviet Union 1991
Luxembourg	442	LUX	1946	2020	End of Personal Union 1890
Madagascar	450	MDG	1960	2020	Independence from France 1960
Malawi	454	MWI	1965	2020	Independence from the UK 1964
Malaysia (-1965)	992	MYS	1964	1965	Federation of Malaya, N Borneo, Sarawak, Singapore 1963
Malaysia (1966-)	458	MYS	1966	2020	Singapore separation from Malaysia 1965
Maldives	462	MDV	1966	2020	Independence from the UK 1965
Mali	466	MLI	1961	2020	Independence from France 1960
Malta	470	MLT	1965	2020	Independence from the UK 1964
Marshall Islands	584	MHL	1987	2020	Independence from Compact of Free Associaton 1986
Mauritania	478	MRT	1961	2020	Independence from France 1960
Mauritius	480	MUS	1968	2020	Independence from the UK 1968
Mexico	484	MEX	1946	2020	Independence from Spain recognized 1821
Micronesia	583	FSM	1987	2020	Independence from Compact of Free Associaton 1986
Moldova	498	MDA	1992	2020	Independence from the Soviet Union 1991
Monaco	492	MCO	1946	2020	Franco-Monegasque Treaty 1861
Mongolia	496	MNG	1946	2020	Independence from the Qin Dynasty 1911
Montenegro	499	MNE	2006	2020	Independence from Serbia and Montenegro 2006
Morocco	504	MAR	1956	2020	Independence from France and Spain 1956
Mozambique	508	MOZ	1975	2020	Independence from the Portuguese Republic 1975
Myanmar	104	MMR	1948	2020	Independence from the UK 1948
Namibia	516	NAM	1990	2020	Independence from South Africa 1990
Nauru	520	NRU	1968	2020	Independence from UN Trusteeship 1968
Nepal	524	NPL	1946	2020	Kingdom declared 1768

Country name	ccode	ccodealp	Data from	Data to	Comment
Netherlands	528	NLD	1946	2020	Independence from the Spanish Empire 1815
New Zealand	554	NZL	1948	2020	Statute of Westminster Adoption Act 1947
Nicaragua	558	NIC	1946	2020	Independence from the Federal Republic of Central America 1838
Niger	562	NER	1961	2020	Independence from France 1960
Nigeria	566	NGA	1961	2020	Independence from the UK 1960
Norway	578	NOR	1946	2020	Dissolution of union with Sweden 1905
North Macedonia	807	MKD	1993	2020	Independence from Yugoslavia recognized 1993
Oman	512	OMN	1946	2020	Imamate established 751
Pakistan (-1970)	997	PAK	1948	1970	Independence from the UK 1947
Pakistan (1971-)	586	PAK	1971	2020	Bangladesh independence from Pakistan 1971
Palau	585	PLW	1995	2020	Independence from Compact of Free Association with the US 1994
Panama	591	PAN	1946	2020	Independence from Colombia 1903
Papua New Guinea	598	PNG	1976	2020	Independence from Australia 1975
Paraguay	600	PRY	1946	2020	Independence from Spain 1811
Peru	604	PER	1946	2020	Independence from Spain recognized 1824
Philippines	608	PHL	1947	2020	Independence from the United States 1946
Poland	616	POL	1946	2020	Reconstitution of Poland 1918
Portugal	620	PRT	1946	2020	Independence from Kingdom of Leon recognized 1143
Qatar	634	QAT	1972	2020	Independence from the UK 1971
Romania	642	ROU	1946	2020	Independence from the Ottoman Empire 1878
Russia	643	RUS	1992	2020	Russian Federation 1991
Rwanda	646	RWA	1963	2020	Independence from Belgium 1962
Samoa	882	WSM	1962	2020	Independence from New Zealand 1962
San Marino	674	SMR	1946	2020	Independence from the Roman Empire 301
Sao Tome and Principe	678	STP	1976	2020	Independence from Portugal 1975
Saudi Arabia	682	SAU	1946	2020	Kingdom founded 1932
Senegal	686	SEN	1961	2020	Withdrawal from the Mali Federation 1960
Serbia	688	SRB	2006	2020	Independent republic 2006
Serbia and Montenegro	891	SCG	1992	2005	Established 1992, Dissolution 2006
Seychelles	690	SYC	1976	2020	Independence from the UK 1976
Sierra Leone	694	SLE	1961	2020	Independence from the UK 1961
Singapore	702	SGP	1966	2020	Separation from Malaysia 1965
Slovakia	703	SVK	1993	2020	Independence from Czechoslovakia 1993
Slovenia	705	SVN	1991	2020	Independence from Yugoslavia 1991
Solomon Islands	90	SLB	1979	2020	Independence from the UK 1978
Somalia	706	SOM	1961	2020	Union, Independence and Constitution 1960
South Africa	710	ZAF	1946	2020	The Union of South Africa came into being 1910
South Sudan	728	SSD	2011	2020	Separation from Sudan in 2011
Spain	724	ESP	1946	2020	Nation State 1812
Sri Lanka	144	LKA	1948	2020	Independence from the UK (Dominion) 1948
St Kitts and Nevis	659	KNA	1984	2020	Independence from the UK 1983
St Lucia	662	LCA	1979	2020	Independence from the UK 1979

Country name	ccode	ccodealp	Data from	Data to	Comment
St. Vincent & the Grenadines	670	VCT	1980	2020	Independence from the UK 1979
Sudan (-2011)	736	SDN	1956	2011	Independence from the UK and Egypt 1956
Sudan (2012-)	729	SDN	2012	2020	South Sudanese independence 2011
Suriname	740	SUR	1976	2020	Independence from the Netherlands 1975
Sweden	752	SWE	1946	2020	Consolidation Middle Ages
Switzerland	756	CHE	1946	2020	Peace of Westphalia 1648
Syria	760	SYR	1946	2020	Independence from France 1946
Taiwan	158	TWN	1950	2020	Kuomintang retreat to Taiwan 1949
Tajikistan	762	TJK	1992	2020	Independence from the Soviet Union 1991
Tanzania	834	TZA	1964	2020	Merger (Tanganyika, Zanzibar and Pemba) 1964
Thailand	764	THA	1946	2020	Rattanakosin Kingdom 1782
Tibet	994	XTI	1946	1950	Independence from Qing Dynasty 1913
Timor-Leste	626	TLS	2002	2020	Independence from Indonesia 2002
Togo	768	TGO	1960	2020	Independence from France 1960
Tonga	776	TON	1970	2020	Independence from British protection 1970
Trinidad and Tobago	780	TTO	1963	2020	Independence from the UK 1962
Tunisia	788	TUN	1956	2020	Independence from France 1956
Turkey	792	TUR	1946	2020	Secession from the Ottoman Empire 1923
Turkmenistan	795	TKM	1992	2020	Independence from the Soviet Union 1991
Tuvalu	798	TUV	1979	2020	Independence from the UK 1978
Uganda	800	UGA	1963	2020	Independence from the UK 1962
Ukraine	804	UKR	1992	2020	Independence from the Soviet Union 1991
United Arab Emirates	784	ARE	1972	2020	UK treaties ended 1971
United Kingdom	826	GBR	1946	2020	Acts of Union 1707
United States	840	USA	1946	2020	Independence from the Kingdom of Great Britain recognized 1783
Uruguay	858	URY	1946	2020	Independence from the Empire of Brazil recognized 1828
USSR	810	SUN	1946	1991	Treaty of Creation 1922, Union dissolved 1991
Uzbekistan	860	UZB	1992	2020	Independence from the Soviet Union 1991
Vanuatu	548	VUT	1981	2020	Independence from France and the UK 1980
Venezuela	862	VEN	1946	2020	Independence from Gran Colombia recognized 1845
Vietnam	704	VNM	1977	2020	Reunification 1976
Vietnam, North	998	VNM	1955	1976	Geneva Accords. Partition of the County, 1954
Vietnam, South	999	VDR	1955	1976	Geneva Accords. Partition of the County, 1954
Yemen	887	YEM	1990	2020	Unification 1990
Yemen, North	886	YEM	1946	1989	Independence from the Ottoman Empire 1918
Yemen, South	720	YMD	1968	1989	Independence from the UK 1967
Yugoslavia	890	YUG	1946	1991	The union of the State of Slovenes, Croats, Serbs & Serbia est 1918
Zambia	894	ZMB	1965	2020	Independence from the UK 1964
Zimbabwe	716	ZWE	1966	2020	The Unilateral Declarator of Independence (UDI) of Rhodesia 1965