



# THE QOG OECD DATASET 2020

## 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 (2014), the QoG EU Regional Dataset (2010 & 2013) and the QoG EQI Dataset (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: <http://qog.pol.gu.se/data/datadownloads/data-archive>

## 1.3 QoG OECD Dataset

### 1.3.1 Cross-Sectional (CS)

In the QoG OECD CS dataset, data from and around 2016 is included. Data from 2016 is prioritized, however, if no data are available for a country for 2016, data for 2017 is included. If no data for 2017 exists, data for 2015 is included, and so on up to a maximum of  $\pm 3$  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.

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 should not be confused as visualizations of the data itself; they are only visualizations of the data availability in the dataset.

### 1.3.2 Time-Series (TS)

In the QoG OECD TS dataset, data from 1946 to 2019 are included and the unit of analysis is country-year (e.g. Sweden-1946, Sweden-1947 and so on).

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 2015. If the variable is not included in the TS dataset, there is a text simply stating that this is the case. These should not be confused as visualizations of the data itself; it is only visualizations of the data availability in the datasets.

### 1.3.3 Country and Time Coverage

We included all 35 countries which were members of OECD in the end of year 2019. The data is provided for these countries in TS from the 1946 until present time. For some countries data is presented from the year of independence or the year of the last major border changes, if they were after 1946 (e.g. Germany presented from 1991, France from 1963, Korea, South from 1948, Slovenia from 1991 etc.). 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 as a continuation of one of the merging states. This rule applies to: Germany, which merged from 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 as a continuation of the state that split. This rule applies to: (1) Czechoslovakia, which was split into the Czech Republic and Slovakia in 1993; (2) France which was split into France and Algeria in 1962.

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 a data source does not treat the countries as different cases, we 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).

#### **1.3.4 A brief note on the QoG OECD 2020 update**

To improve consistency and compatibility of statistical data related to QoG, we continuously work to improve the coverage and data quality. For the 2020 update of the QoG OECD Dataset, we have included three new data sources that previously were not part of the QoG datasets. These are:

- Central Bank Independence Dataset (Ana Carolina Garriga, 2016). This dataset identifies statutory reforms affecting CBI, their direction, and the attributes necessary to build the Cukierman, Webb, and Neyapti (1992) (CWN) index in 182 countries between 1970 and 2012.
- Global Peace Index (Institute for Economics and Peace, 2019). This dataset ranks 163 independent states and territories according to their level of peacefulness.
- E-Government Development Index and E-Participation Index (UN Department of Economic and Social Affairs, 2018). This dataset presents the state of E-Government Development of the United Nations Member States.

## **1.4 Thematic Categories**

### **1.4.1 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).

### **1.4.2 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.

### **1.4.3 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).

### **1.4.4 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).

### **1.4.5 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).

### **1.4.6 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.

### **1.4.7 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.

### **1.4.8 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.

### **1.4.9 History**

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

### **1.4.10 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.

#### **1.4.11 Labour Market**

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

#### **1.4.12 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.

#### **1.4.13 Migration**

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

#### **1.4.14 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.

#### **1.4.15 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.

#### **1.4.16 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).

#### **1.4.17 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.

#### **1.4.18 Religion**

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

#### **1.4.19 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

bci_bci	The Bayesian Corruption Indicator	61
bci_bcisd	The standard deviation of The Bayesian Corruption Indicator	62
bmr_dembr	Number of previous democratic breakdowns	73
ccp_cc	Corruption Commission Present in Constitution	83
ccp_civil	Meritocratic Recruitment of Civil Servants Mentioned in Constitution	84
cspf_sfi	State Fragility Index	109
egov_egov	E-Government Index	113
egov_epar	E-Participation Index	114
egov_hci	Human Capital Index	114
ffp_fsi	Fragile States Index	139
ffp_ps	Public Services	140
ffp_sl	State Legitimacy	141
fh_fog	Functioning of Government	144
fh_pair	Personal Autonomy and Individual Rights	144
fh_pr	Political Rights	145
gcb_pb	Corruption Perception: Business	154
gcb_ped	Corruption Perception: Education	154
gcb_pj	Corruption Perception: Judiciary/Legal System	154
gcb_pmed	Corruption Perception: Medical Services	155
gcb_pmedia	Corruption Perception: Media	155
gcb_pmil	Corruption Perception: Military	155
gcb_pngo	Corruption Perception: NGOs	155
gcb_poff	Corruption Perception: Public Officials/Civil Servants	156
gcb_ppa	Corruption Perception: Political Parties	156
gcb_pparl	Corruption Perception: Parliament	156
gcb_ppol	Corruption Perception: Police	156
gcb_prel	Corruption Perception: Religious Bodies	157
hf_govint	Government Integrity	177
icrg_qog	ICRG Indicator of Quality of Government	194
ipi_ab	Administrative Burden (index)	207
qs_impar	Impartial Public Administration	286
qs_impar_cih	Impartial Public Administration - Confidence Interval (High)	286
qs_impar_cil	Impartial Public Administration - Confidence Interval (Low)	286
qs_proff	Professional Public Administration	287
qs_proff_cih	Professional Public Administration - Confidence Interval (High)	287
qs_proff_cil	Professional Public Administration - Confidence Interval (Low)	287
sgi_pp	Policy Performance	301
ti_cpi	Corruption Perceptions Index	307
ti_cpi_max	Corruption Perceptions Index - max range	308
ti_cpi_max_om	Corruption Perceptions Index - max range (old method.)	308
ti_cpi_min	Corruption Perceptions Index - min range	308
ti_cpi_min_om	Corruption Perceptions Index - min range (old method.)	308
ti_cpi_om	Corruption Perceptions Index (old methodology)	308
vdem_corr	Political corruption index	316
vdem_elvotbuy	Election vote buying	319
vdem_exbribe	Executive bribery and corrupt exchanges	319
vdem_excrptps	Public sector corrupt exchanges	320
vdem_execorr	Executive corruption index	320
vdem_exembezz	Executive embezzlement and theft	321
vdem_exthftps	Public sector theft	321
vdem_gcorrpt	Legislature corrupt activities	321
vdem_jucorrdc	Judicial corruption decision	322
vdem_mecorrpt	Media corrupt	323
vdem_pubcorr	Public sector corruption index	325
wbgi_cce	Control of Corruption, Estimate	331



wbgi_ccn	Control of Corruption, Number of Sources	331
wbgi_ccs	Control of Corruption, Standard Error	332
wbgi_gee	Government Effectiveness, Estimate	332
wbgi_gen	Government Effectiveness, Number of Sources	332
wbgi_ges	Government Effectiveness, Standard Error	332
wel_coc	Control of Corruption	402

## 2.2 Civil Society, Population and Culture

al_ethnic2000	Ethnic Fractionalization in the year 2000	48
al_language2000	Language Fractionalization in the year 2000	49
al_religion2000	Religion Fractionalization in the year 2000	49
ccp_marriage	Right to Marry in Constitution	86
ccp_samesexm	Right to Same-Sex Marriages in Constitution	87
ciri_assn	Freedom of Assembly and Association	90
em_active	Number of Active Metal Bands	115
eu_isiubk	Internet use: internet banking	131
fe_cultdiv	Cultural Diversity	136
fe_etfra	Ethnic Fractionalization	136
fe_plural	Plurality Group	137
ffp_dp	Demographic Pressure	138
ffp_sl	State Legitimacy	141
gcb_pngo	Corruption Perception: NGOs	155
gle_pop	Population (in the 1000's)	163
gpi_dic	Displaced people (1-5 Higher displacement)	170
gpi_gpi	Global Peace Index (1-5 Less peaceful)	170
gpi_jail	Incarceration (1-5 Higher incarceration)	171
ipi_e	E-Citizenship (index)	208
oecd_agedpopgeo_g1	Elderly population	227
oecd_evopop_g1	Population growth rates	231
oecd_evopop_t1	Population levels	231
oecd_migforpop_t1a	Foreign-born population	252
oecd_popgeo_g1	Share of national pop. in the 10% of regions with the largest population	256
oecd_popgeo_g2a	Percentage of urban population by city size: Small urban areas	256
oecd_popgeo_g2b	Percentage of urban population by city size: Medium-sized urban areas	257
oecd_popgeo_g2c	Percentage of urban population by city size: Metropolitan areas	257
oecd_popgeo_g3a	Distribution of the national population into urban regions	257
oecd_popgeo_g3b	Distribution of the national population into intermediate regions	257
oecd_popgeo_g3c	Distribution of the national population into rural regions	258
oecd_popgeo_g4a	Distribution of the national area into urban regions	258
oecd_popgeo_g4b	Distribution of the national area into intermediate regions	258
oecd_popgeo_g4c	Distribution of the national area into rural regions	258
pwt_pop	Population (in millions)	283
r_elf85	Ethnolinguistic fractionalization (1985)	288
vdem_gender	Women political empowerment index	322
wdi_birth	Birth rate, crude (per 1,000 people)	339
wdi_birthreg	Completeness of birth registration (%)	340
wdi_birthskill	Births attended by skilled health staff (% of total)	340
wdi_death	Death rate, crude (per 1,000 people)	341
wdi_fertility	Fertility rate, total (births per woman)	357
wdi_lifexp	Life expectancy at birth, total (years)	380
wdi_lifexpf	Life expectancy at birth, female (years)	380
wdi_lifexpm	Life expectancy at birth, male (years)	380
wdi_mortf	Mortality rate, adult, female (per 1,000 female adults)	381
wdi_mortinf	Mortality rate, infant (per 1,000 live births)	381
wdi_mortinfm	Mortality rate, infant, female (per 1,000 live births)	382
wdi_mortinfm	Mortality rate, infant, male (per 1,000 live births)	382
wdi_mortm	Mortality rate, adult, male (per 1,000 male adults)	382
wdi_mortnm	Mortality rate, neonatal (per 1,000 live births)	382
wdi_mortu5	Mortality rate, under-5 (per 1,000 live births)	383
wdi_mortu5f	Mortality rate, under-5, female (per 1,000 live births)	383
wdi_mortu5m	Mortality rate, under-5, male (per 1,000 live births)	383
wdi_pop	Population, total	386
wdi_pop14	Population ages 0-14 (% of total population)	387
wdi_pop1564	Population ages 15-64 (% of total population)	387
wdi_pop65	Population ages 65 and above (% of total population)	387

wdi_popden	Population density (people per sq. km of land area)	387
wdi_popf	Population, female (% of total population)	388
wdi_popgr	Population growth (annual %)	388
wdi_poprul	Rural population (% of total population)	388
wdi_poprulgr	Rural population growth (annual %)	388
wdi_popurb	Urban population (% of total population)	389
wdi_popurbagr	Urban population growth (annual %)	389
wel_citrig	Citizen Rights	402

## 2.3 Conflict and Military Service

atop_ally	Member of an Alliance	59
atop_consult	Consultancy Obligation	59
atop_defensive	Defensive Obligation	59
atop_neutrality	Neutrality Obligation	59
atop_nonagg	Non-Aggression Obligation	60
atop_number	Number of Alliances	60
atop_offensive	Offensive Obligation	60
atop_transyr	Transition Year	60
bicc_gmi	Global Militarization Index	65
bicc_hw	Heavy Weapons Index	66
bicc_milexp	Military Expenditure Index	66
bicc_milper	Military Personnel Index	67
ffp_ext	External Intervention	138
ffp_gg	Group Grievance	139
ffp_sec	Security Apparatus	141
gcb_pmil	Corruption Perception: Military	155
gd_ptsa	Political Terror Scale - Amnesty International	157
gd_ptss	Political Terror Scale - US State Department	158
iaep_epmf	Executive Power over Military Force	187
iaep_milo	Some other executive have the power to use force abroad	190
nelda_rpae	Riots and Protests after Election	222
nelda_vcdbe	Violence and Civilian Deaths before Election	222
oecd_gengovdistri_t1b	Structure of central gov. expenditures, defence	237
svs_ind	Societal Violence Scale Index 1-5	306
ucdp_type4	Internationalized internal armed conflict	310
voh_gti	Global Terrorism Index	330
wbgi_pve	Political Stability and Absence of Violence/Terrorism, Estimate	333
wbgi_pvn	Political Stability and Absence of Violence/Terrorism, Number of Sources	333
wbgi_pvs	Political Stability and Absence of Violence/Terrorism, Standard Error	333
wdi_afp	Armed forces personnel (% of total labor force)	337
wdi_afpt	Armed forces personnel, total	337
wdi_armexp	Arms exports (SIPRI trend indicator values)	339
wdi_armimp	Arms imports (SIPRI trend indicator values)	339
wdi_expml	Military expenditure (% of GDP)	354
wdi_expmlge	Military expenditure (% of general government expenditure)	355

## 2.4 Education

bl_asyf Average Schooling Years, Female	69
bl_asyf Average Schooling Years, Male	69
bl_asyf Average Schooling Years, Female and Male	69
bl_lhf Percentage with Tertiary Schooling, Female	70
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ross_oil_exp	Oil exports, thousands of barrels per day	290
ross_oil_netexp	Net oil exports value, constant 2000 dollar	290
ross_oil_netexpc	Net oil exports value per capita, constant 2000 dollar	290
ross_oil_price	Constant price of oil in 2000 dollar/brl	291
ross_oil_prod	Oil production in metric tons	291
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cai_life	Threat to mother's life is accepted as grounds for legal abortion	76
cai_mental	Threat to mother's mental health is accepted as grounds for legal abortion	77
cai_physical	Threat to mother's physical health is accepted as grounds for legal abortion	77
cai_rape	Pregnancy as result of rape or incest is accepted as grounds for legal abortion	77
cai_request	Abortion is available on request	78
cai_social	Social or economic reasons are accepted as grounds for legal abortion	78
ccp_buildsoc	Duty of the People is to Build Country in Constitution	83
ccp_cc	Corruption Commission Present in Constitution	83
ccp_childwrk	Limits on Child Work in Constitution	83
ccp_civil	Meritocratic Recruitment of Civil Servants Mentioned in Constitution	84
ccp_democ	Reference in Constitution to Democracy	84
ccp_equal	Equality Before the Law Mentioned in Constitution	84
ccp_freerel	Freedom of Religion in Constitution	85
ccp_hr	Human Rights Commission Present in Constitution	85
ccp_infoacc	Right to Government Documents in Constitution	85
ccp_initiat	Legislative Initiative Allowed	86
ccp_market	Reference in Constitution to Capitalism	86
ccp_marriage	Right to Marry in Constitution	86
ccp_samesexm	Right to Same-Sex Marriages in Constitution	87
ccp_slave	Status of Slavery in Constitution	87
ccp_socialsm	Reference in Constitution to Socialism	87
ccp_strike	Right to Strike in Constitution	88
ccp_syst	New Constitutional System	88
ccp_systyear	Year in which the Constitutional System was Promulgated	88
ccp_taxes	Duty of People is to Pay Taxes in Constitution	88
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ciri_disap	Disappearance	90
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cai_mental Threat to mother's mental health is accepted as grounds for legal abortion	77
cai_physical Threat to mother's physical health is accepted as grounds for legal abortion	77
cai_rape Pregnancy as result of rape or incest is accepted as grounds for legal abortion	77
cai_request Abortion is available on request	78
cai_social Social or economic reasons are accepted as grounds for legal abortion	78
epi_eh Environmental Health (0-100)	128
ffp_ps Public Services	140
gcb_pmed Corruption Perception: Medical Services	155
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ihme_hle_0104m Healthy Life Years, Male, Age 1-4 years	206
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oecd_lifeexpy_g1 Life expectancy at birth: total	248
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undp_hdi Human Development Index	312
wdi_chexppgdp Current health expenditure (% of GDP)	341
wdi_homicidesf Intentional homicides, female (per 100,000 female)	368
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who_homf Homicide Rate, Female	408
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who_infmortf Infant mortality rate, Female	408
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## 2.10 Judicial

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cai_cai2	Comparative Abortion Index 2 (0 to 1)	76
cai_foetal	Foetal impairment is accepted as grounds for legal abortion	76
cai_life	Threat to mother's life is accepted as grounds for legal abortion	76
cai_mental	Threat to mother's mental health is accepted as grounds for legal abortion	77
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cai_request	Abortion is available on request	78
cai_social	Social or economic reasons are accepted as grounds for legal abortion	78
ccp_buildsoc	Duty of the People is to Build Country in Constitution	83
ccp_cc	Corruption Commission Present in Constitution	83
ccp_childwrk	Limits on Child Work in Constitution	83
ccp_civil	Meritocratic Recruitment of Civil Servants Mentioned in Constitution	84
ccp_democ	Reference in Constitution to Democracy	84
ccp_equal	Equality Before the Law Mentioned in Constitution	84
ccp_freerel	Freedom of Religion in Constitution	85
ccp_hr	Human Rights Commission Present in Constitution	85
ccp_infoacc	Right to Government Documents in Constitution	85
ccp_initiat	Legislative Initiative Allowed	86
ccp_market	Reference in Constitution to Capitalism	86
ccp_marriage	Right to Marry in Constitution	86
ccp_samesexm	Right to Same-Sex Marriages in Constitution	87
ccp_slave	Status of Slavery in Constitution	87
ccp_socialsm	Reference in Constitution to Socialism	87
ccp_strike	Right to Strike in Constitution	88
ccp_syst	New Constitutional System	88
ccp_systyear	Year in which the Constitutional System was Promulgated	88
ccp_taxes	Duty of People is to Pay Taxes in Constitution	88
ciri_assn	Freedom of Assembly and Association	90
ciri_disap	Disappearance	90
ciri_dommov	Freedom of Domestic Movement	91
ciri_elecsd	Electoral Self-Determination	91
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oecd_socexpnd_t1b Private social expenditure	266
oecd_socexpnd_t1c Net social expenditure	266
sc_mp Min Pension replacement rate (single)	294
sc_mpc Min Pension replacement rate (couple)	295
sc_sick Sickness replacement rate (single)	295
sc_sickf Sickness replacement rate (family)	295
sc_ue Unemployment replacement rate (single)	295
sc_uecov Unemployment coverage	296
sc_uf Unemployment replacement rate (family)	296
sc_uequal Unemployment qualification (weeks)	296
sc_uewait Unemployment Waiting Period (days)	296
sgi_so Policy Performance: Social Policies - Overall	303
sgi_soed Policy Performance: Social Policies - Education	303
sgi_sofa Policy Performance: Social Policies - Families	304
sgi_sogi Policy Performance: Social Policies - Global Social Inequalities	304
sgi_sohe Policy Performance: Social Policies - Health	304
sgi_soin Policy Performance: Social Policies - Integration Policy	304
sgi_sope Policy Performance: Social Policies - Pensions	305
sgi_sosi Policy Performance: Social Policies - Social Inclusion	305
sgi_sosl Policy Performance: Social Policies - Safe Living Conditions	305

## 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: 2019-06-19)

#### AidData v. 3.1

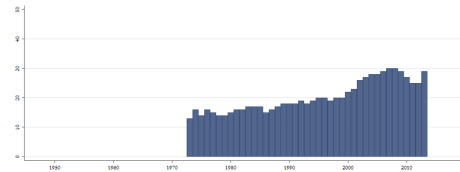
AidData's Core Research Release 3.1 is a corrected snapshot of AidData's entire project-level database from April 2016. This database includes commitment information for over 1.5 million development finance activities funded between 1947 and 2013, covers 96 donors, and includes ODA, OOF flows, Equity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

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

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



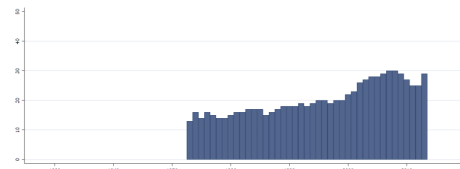
Min. Year: 1973 Max. Year: 2013  
N: 33 n: 841  $\bar{N}$ : 21  $\bar{T}$ : 25

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

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



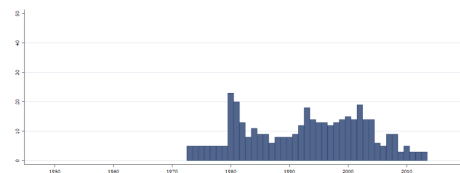
Min. Year: 1973 Max. Year: 2013  
N: 33 n: 841  $\bar{N}$ : 21  $\bar{T}$ : 25

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

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

Variable not included  
in Cross-Section Data

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



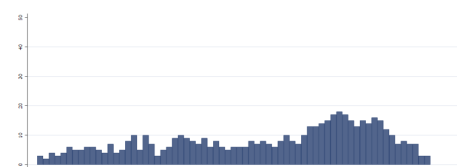
Min. Year: 1973 Max. Year: 2013  
N: 35 n: 411  $\bar{N}$ : 10  $\bar{T}$ : 12

#### 4.1.4 aid\_crnio Number of Int. Org. from whom Commitments were recieved

Number of International Organizations from whom Commitments were recieved

Variable not included  
in Cross-Section Data

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



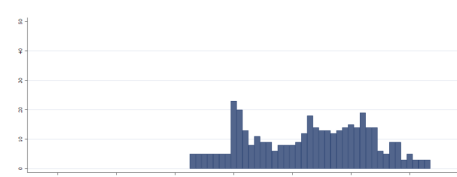
Min. Year: 1947 Max. Year: 2013  
N: 33 n: 568  $\bar{N}$ : 8  $\bar{T}$ : 17

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

Sum of Commitments recieved from Donors, not including International Organizations

Variable not included  
in Cross-Section Data

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



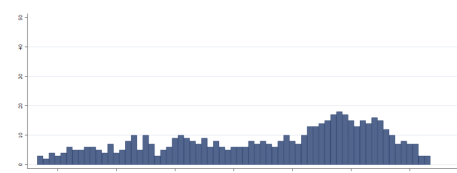
Min. Year: 1973 Max. Year: 2013  
N: 35 n: 411  $\bar{N}$ : 10  $\bar{T}$ : 12

#### 4.1.6 aid\_crsio Sum of Commitments recieved from Int. Org.

Sum of Commitments recieved 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: 33 n: 568  $\bar{N}$ : 8  $\bar{T}$ : 17

## 4.2 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: 2019-09-24)

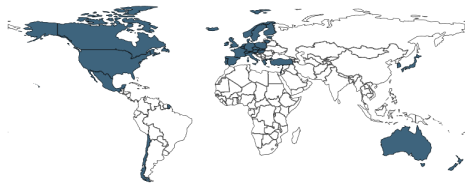
### Fractionalization

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.

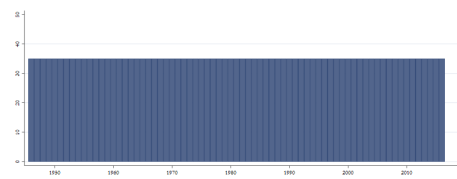
#### 4.2.1 al\_ethnic2000 Ethnic Fractionalization in the year 2000

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.



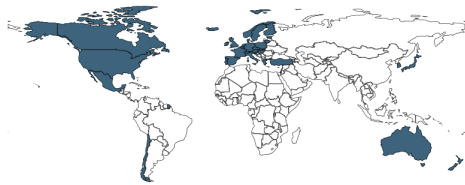
Min. Year:2016 Max. Year: 2016  
N: 36



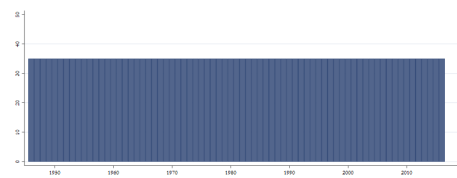
Min. Year:1946 Max. Year: 2016  
N: 36 n: 2556  $\bar{N}$ : 36  $\bar{T}$ : 71

#### 4.2.2 al\_language2000 Language Fractionalization in the year 2000

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.



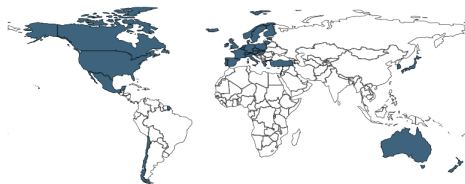
Min. Year:2016 Max. Year: 2016  
N: 36



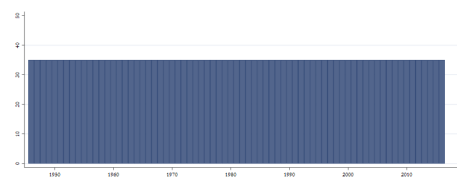
Min. Year:1946 Max. Year: 2016  
N: 36 n: 2556  $\bar{N}$ : 36  $\bar{T}$ : 71

#### 4.2.3 al\_religion2000 Religion Fractionalization in the year 2000

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: 36



Min. Year:1946 Max. Year: 2016  
N: 36 n: 2556  $\bar{N}$ : 36  $\bar{T}$ : 71

### 4.3 The Association of Religion Data Archives

<http://www.thearda.com/Archive/CrossNational.asp>  
(Maoz & Henderson, 2013)  
(Data downloaded: 2019-07-22)

#### 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



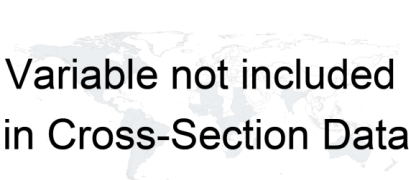
practices that religion). Some of the religions are divided into religious families. To the extent data are available, the breakdown of adherents within a given religion into religious families is also provided.

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 of 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.

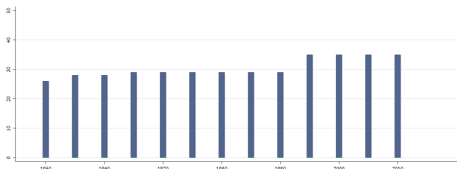
#### 4.3.1 arda\_angenpct Animist religions: Total (% Adherents)

Animist religions: Total (% Adherents).



Variable not included  
in Cross-Section Data

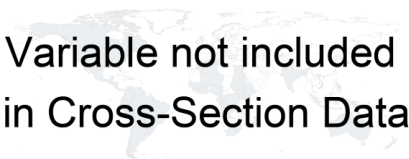
N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1950 Max. Year: 2010  
N: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

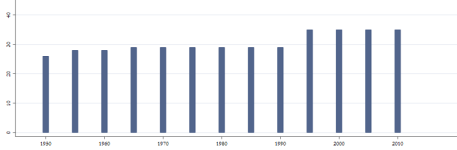
#### 4.3.3 arda\_bugenpct Buddhism: Total (% Adherents)

Buddhism: Total (% Adherents).



Variable not included  
in Cross-Section Data

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



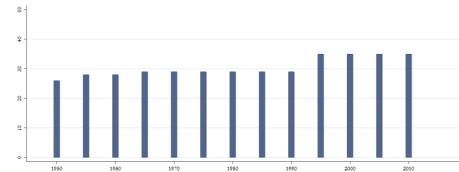
Min. Year:1950 Max. Year: 2010  
N: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

Buddhism: Mahayana (% Adherents).

Variable not included  
in Cross-Section Data

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



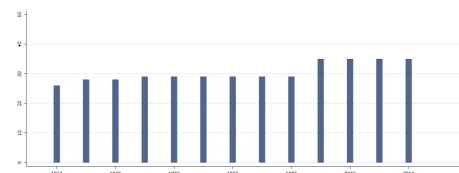
Min. Year:1950 Max. Year: 2010  
N: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

Buddhism: Theravada (% Adherents).

Variable not included  
in Cross-Section Data

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



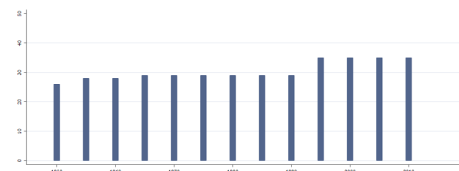
Min. Year:1950 Max. Year: 2010  
N: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

Christianity: Eastern Orthodox (% Adherents).

Variable not included  
in Cross-Section Data

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



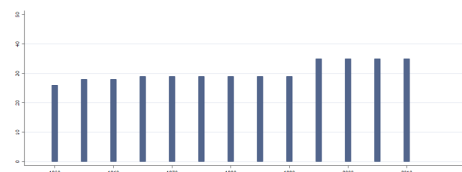
Min. Year:1950 Max. Year: 2010  
N: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.3.12 arda\_chprtpct Christianity: Protestants (% Adherents)

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

Confucianism: Total (% Adherents).

## Variable not included in Cross-Section Data

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



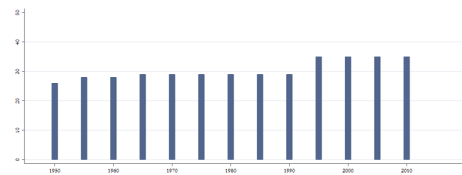
Min. Year:1950 Max. Year: 2010  
N: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

Islam: Total (% Adherents).

## Variable not included in Cross-Section Data

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



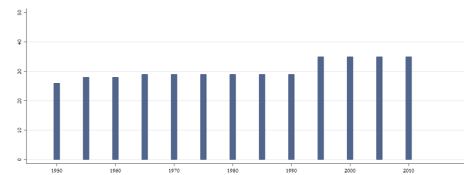
Min. Year:1950 Max. Year: 2010  
N: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

### 4.3.18 arda\_isibdpct Islam: Ibadhi (% Adherents)

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

Judaism: Orthodox (% Adherents).

## Variable not included in Cross-Section Data

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



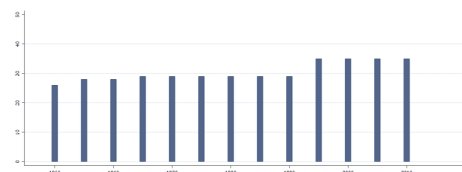
Min. Year:1950 Max. Year: 2010  
N: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

Other religions: Total (% Adherents).

## Variable not included in Cross-Section Data

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



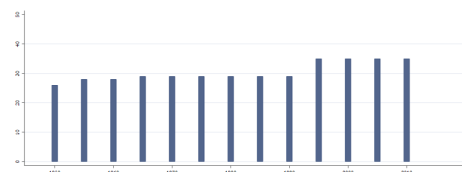
Min. Year:1950 Max. Year: 2010  
N: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

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

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: 36 n: 400  $\overline{N}$ : 7  $\overline{T}$ : 11

## 4.4 Alliance Treaty Obligations and Provisions Project (ATOP)

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

(Leeds et al., 2002)

(Data downloaded: 2019-07-11)

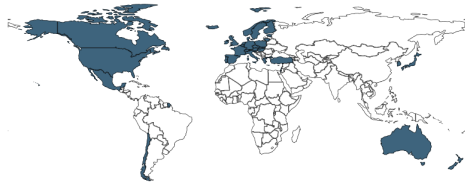
## The ATOP State-Year dataset

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 2016.

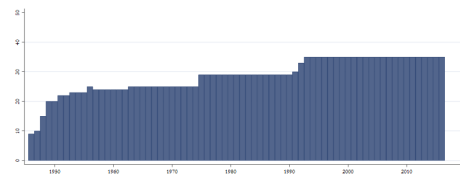
### 4.4.1 atop\_ally Member of an Alliance

Member of an Alliance

- 0. Not a member of an alliance
- 1. Member of an alliance



Min. Year:2016 Max. Year: 2016  
N: 36

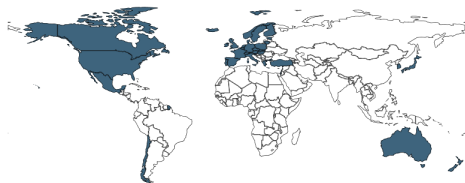


Min. Year:1946 Max. Year: 2016  
N: 36 n: 2048  $\bar{N}$ : 29  $\bar{T}$ : 57

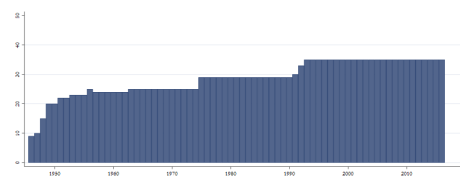
### 4.4.2 atop\_consult Consultancy Obligation

Consultancy Obligation

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



Min. Year:2016 Max. Year: 2016  
N: 36

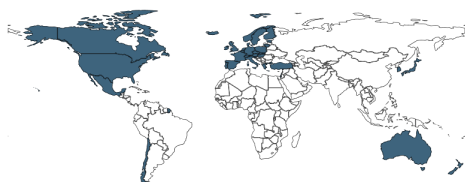


Min. Year:1946 Max. Year: 2016  
N: 36 n: 2048  $\bar{N}$ : 29  $\bar{T}$ : 57

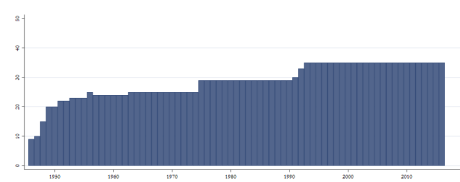
### 4.4.3 atop\_defensive Defensive Obligation

Defensive Obligation

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



Min. Year:2016 Max. Year: 2016  
N: 36

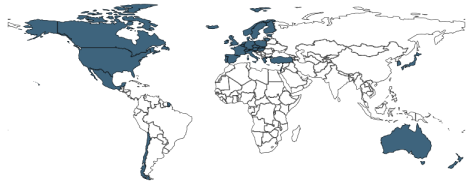


Min. Year:1946 Max. Year: 2016  
N: 36 n: 2048  $\bar{N}$ : 29  $\bar{T}$ : 57

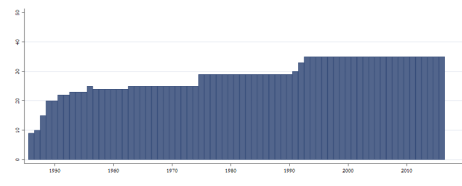
### 4.4.4 atop\_neutrality Neutrality Obligation

Neutrality Obligation

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



Min. Year:2016 Max. Year: 2016  
N: 36

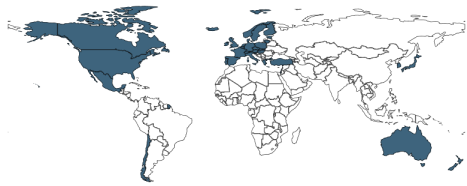


Min. Year:1946 Max. Year: 2016  
N: 36 n: 2048  $\bar{N}$ : 29  $\bar{T}$ : 57

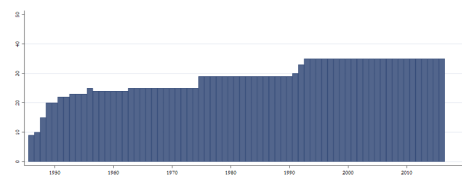
#### 4.4.5 atop\_nonagg Non-Agression Obligation

Non-Agression Obligation

- 0. Has no Non-Agression obligations
- 1. Has Non-Agression obligations



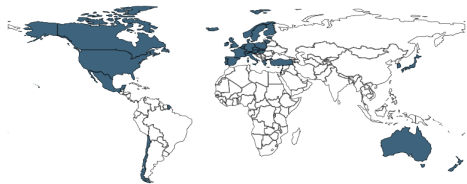
Min. Year:2016 Max. Year: 2016  
N: 36



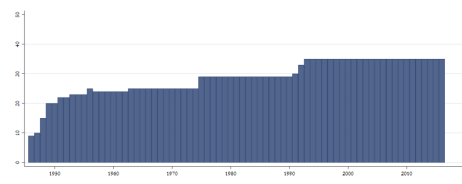
Min. Year:1946 Max. Year: 2016  
N: 36 n: 2048  $\bar{N}$ : 29  $\bar{T}$ : 57

#### 4.4.6 atop\_number Number of Alliances

Number of Alliances



Min. Year:2016 Max. Year: 2016  
N: 36

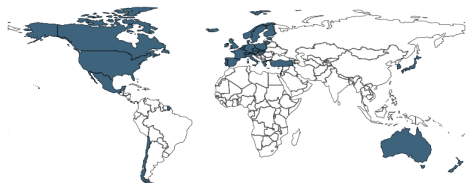


Min. Year:1946 Max. Year: 2016  
N: 36 n: 2048  $\bar{N}$ : 29  $\bar{T}$ : 57

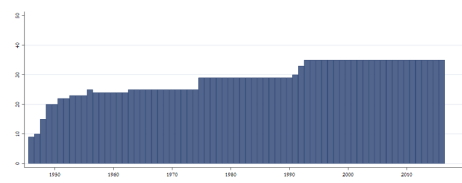
#### 4.4.7 atop\_offensive Offensive Obligation

Offensive Obligation

- 0. Has no offensive obligations
- 1. Has offensive obligations



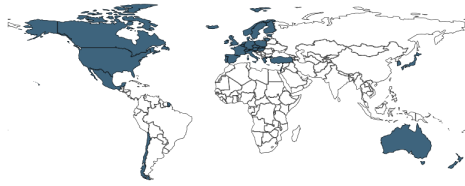
Min. Year:2016 Max. Year: 2016  
N: 36



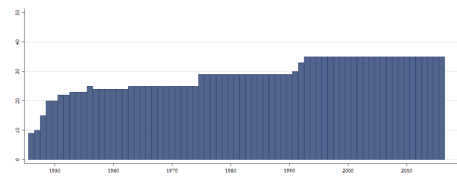
Min. Year:1946 Max. Year: 2016  
N: 36 n: 2048  $\bar{N}$ : 29  $\bar{T}$ : 57

#### 4.4.8 atop\_transyr Transition Year

Transition Year



Min. Year: 2016 Max. Year: 2016  
N: 36



Min. Year: 1946 Max. Year: 2016  
N: 36 n: 2048  $\bar{N}$ : 29  $\bar{T}$ : 57

## 4.5 Sherppa Ghent University

<http://users.ugent.be/~sastanda/BCI/BCI.html>

(Standaert, 2015)

(Data downloaded: 2019-06-13)

### 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.

#### 4.5.1 bci\_bci The Bayesian Corruption Indicator

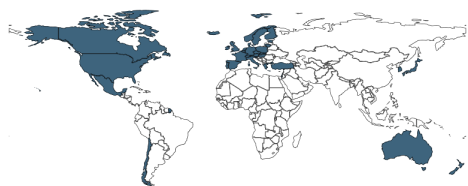
The BCI index values lie between 0 and 100, with an increase in the index corresponding to a raise in the level of corruption. This is a first difference with CPI and WGI where an increase means that the level of corruption has decreased.

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, we 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.

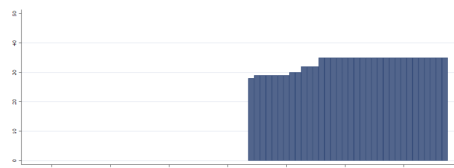
In contrast, the actual range of values of the BCI will change in each year, depending how close countries come to the situation where everyone agrees there is no corruption at all (0), or that corruption is as bad as it can get (100).

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).



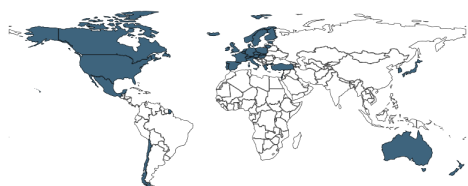
Min. Year:2016 Max. Year: 2016  
N: 36



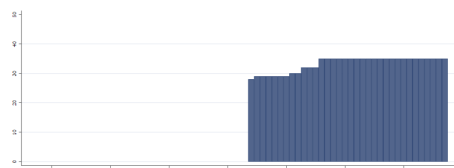
Min. Year:1984 Max. Year: 2017  
N: 36 n: 1150  $\bar{N}$ : 34  $\bar{T}$ : 32

#### 4.5.2 bci\_bcistd The standard deviation of The Bayesian Corruption Indicator

The standard deviation of the Bayesian Corruption Index.



Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1984 Max. Year: 2017  
N: 36 n: 1150  $\bar{N}$ : 34  $\bar{T}$ : 32

## 4.6 The World Conservation Union Red List of Threatened Species

<https://www.iucnredlist.org/resources/summary-statistics>

(International Union for Conservation of Nature and Natural Resources, 2019)

(Data downloaded: 2019-07-11)

### IUCN Red List of Threatened Species (version 2019-1)

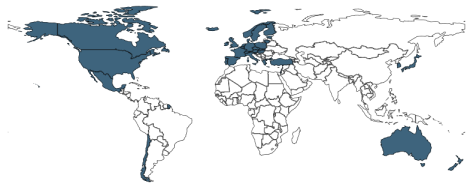
The IUCN Red List of Threatened Species is widely recognized as the most comprehensive, objective global approach for evaluating the conservation status of plant and animal species. From its small beginning, The IUCN Red List has grown in size and complexity and now plays an increasingly prominent role 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.

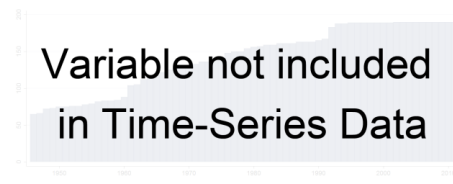
We advise users to abstain from making comparisons through time using this data, given that there could be changes to the methodology for the country reports.

#### 4.6.1 bi\_amphibians Threatened Species: Amphibians

Threatened Species: Amphibians (Total number of species reported as endangered per country)



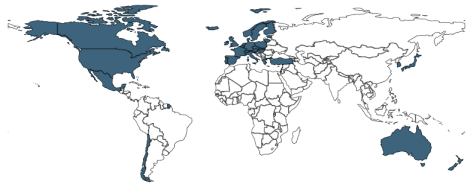
Min. Year: 2018 Max. Year: 2018  
N: 36



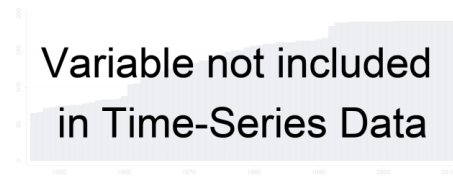
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.6.2 bi\_birds Threatened Species: Birds

Threatened Species: Birds (Total number of species reported as endangered per country)



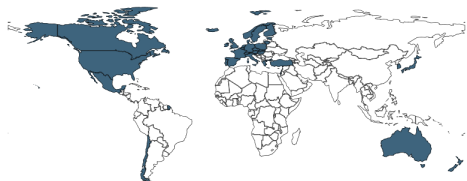
Min. Year: 2018 Max. Year: 2018  
N: 36



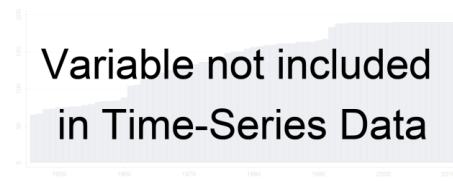
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.6.3 bi\_fishes Threatened Species: Fishes

Threatened Species: Fishes (Total number of species reported as endangered per country)



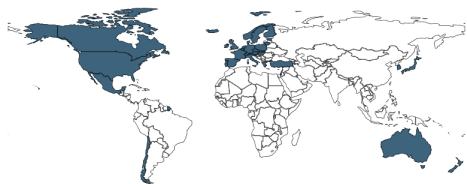
Min. Year: 2018 Max. Year: 2018  
N: 36



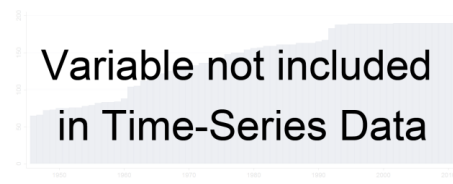
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.6.4 bi\_fungirot Threatened Species: Fungi and Protists

Threatened Species: Fungi and Protists (Total number of species reported as endangered per country)



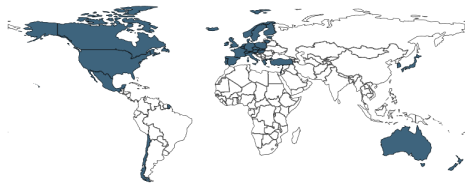
Min. Year: 2018 Max. Year: 2018  
N: 36



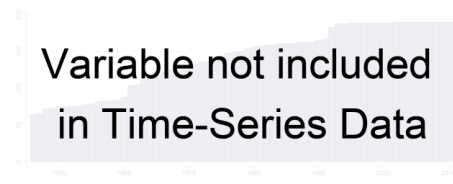
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.6.5 bi\_mammals Threatened Species: Mammals

Threatened Species: Mammals (Total number of species reported as endangered per country)



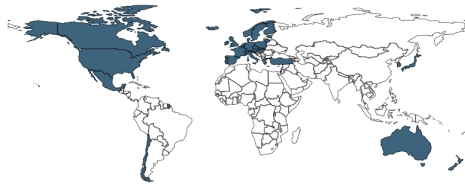
Min. Year:2018 Max. Year: 2018  
N: 36



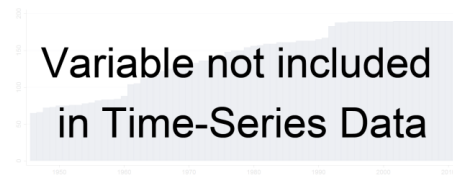
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.6.6 bi\_molluscs Threatened Species: Molluscs

Threatened Species: Molluscs (Total number of species reported as endangered per country)



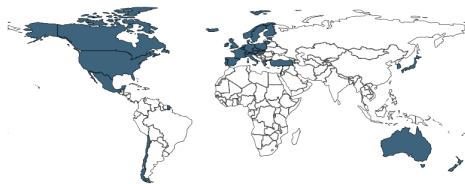
Min. Year:2018 Max. Year: 2018  
N: 36



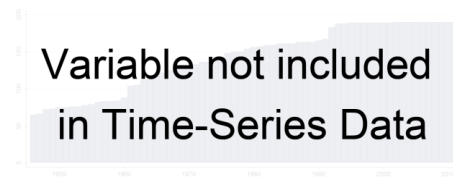
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.6.7 bi\_othinverts Threatened Species: Other Inverts

Threatened Species: Other Inverts (Total number of species reported as endangered per country)



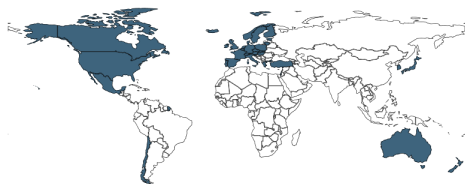
Min. Year:2018 Max. Year: 2018  
N: 36



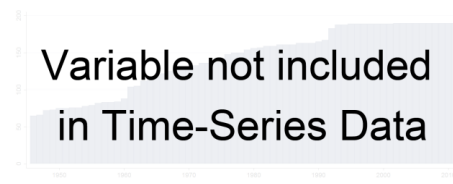
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.6.8 bi\_plants Threatened Species: Plants

Threatened Species: Plants (Total number of species reported as endangered per country)



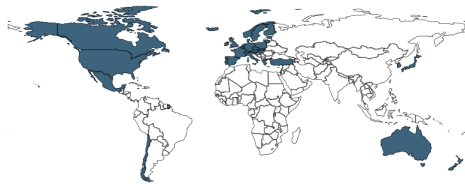
Min. Year:2018 Max. Year: 2018  
N: 36



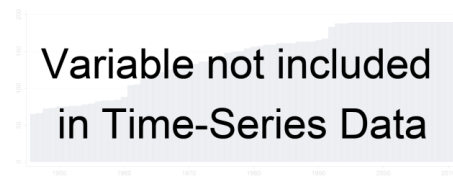
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.6.9 bi\_reptiles Threatened Species: Reptiles

Threatened Species: Reptiles (Total number of species reported as endangered per country)



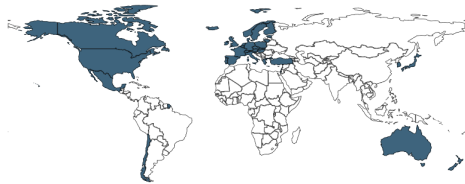
Min. Year: 2018 Max. Year: 2018  
N: 36



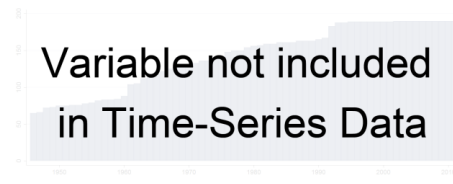
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.6.10 bi\_total Threatened Species: Total

Threatened Species: Total (Total number of species reported as endangered per country)



Min. Year: 2018 Max. Year: 2018  
N: 36



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

### 4.7 Bonn International Center for Conversion

<http://gmi.bicc.de/>

(Mutschler, Max. M and Marius Bales, 2018)

(Data downloaded: 2019-10-01)

#### 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 2018 covers 155 countries and is based on the latest available figures (in most cases data for 2017). The index project is financially supported by Germany's Federal Ministry for Economic Cooperation and Development.

##### 4.7.1 bicc\_gmi Global Militarization Index

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

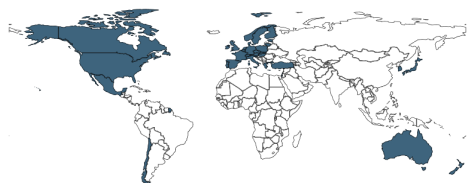
Military expenditures in relation to health spending - 3

Military and paramilitary personnel in relation to population - 4

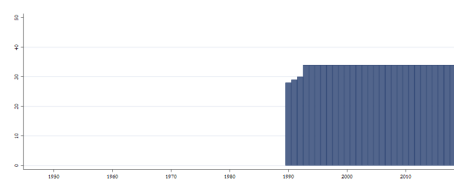
Military reserves in relation to population - 2



Military and paramilitary personnel in relation to physicians - 2  
Heavy weapons in relation to population - 4



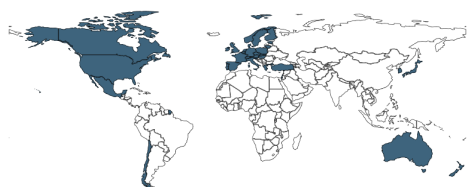
Min. Year:2013 Max. Year: 2018  
N: 35



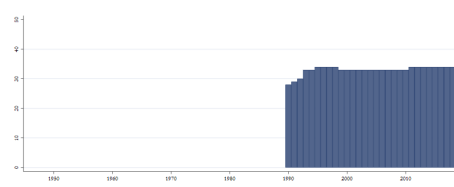
Min. Year:1990 Max. Year: 2018  
N: 35 n: 997  $\bar{N}$ : 34  $\bar{T}$ : 28

#### 4.7.2 bicc\_hw Heavy Weapons Index

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:2013 Max. Year: 2018  
N: 35



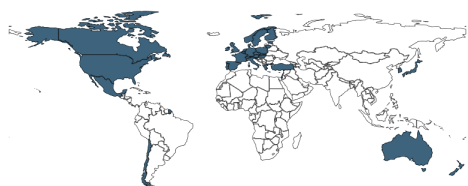
Min. Year:1990 Max. Year: 2018  
N: 35 n: 981  $\bar{N}$ : 34  $\bar{T}$ : 28

#### 4.7.3 bicc\_milexp Military Expenditure Index

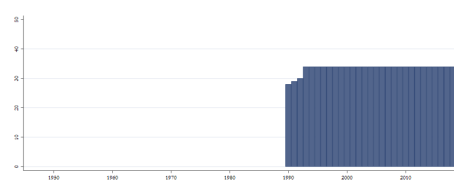
Military spending in relation to GDP and health spending are the most important indicators for determining the level of militarization. Financial resources which are made available via the military budget by a government are an important factor which affects capacities and size of a state's armed forces. 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:2013 Max. Year: 2018  
N: 35



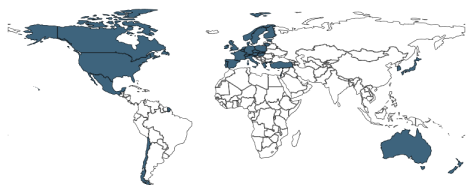
Min. Year:1990 Max. Year: 2018  
N: 35 n: 997  $\bar{N}$ : 34  $\bar{T}$ : 28

#### 4.7.4 bicc\_milper Military Personnel Index

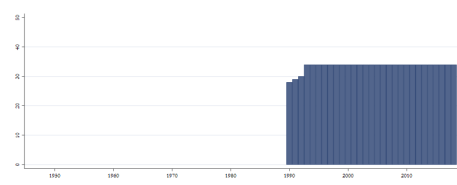
the level of militarization is also represented by the relation of military personnel to the total population and physicians. The first and most important indicator in this category is the active (para)military personnel to the total population. Paramilitary personnel were included here, since in many 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:2013 Max. Year: 2018  
N: 35



Min. Year:1990 Max. Year: 2018  
N: 35 n: 997 N: 34 T: 28

#### 4.8 Bar-Ilan University

<http://www.thearda.com/Archive/Files/Descriptions/RAS3.asp>  
(Fox, 2011) (Fox, 2015) (Fox, 2019) (Fox et al., 2018)  
(Data downloaded: 2019-06-14)

##### 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.

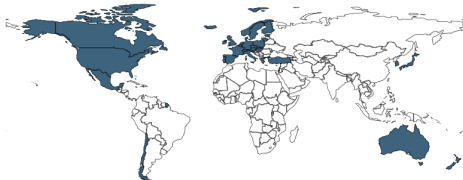
**Religious Discrimination:** This includes 30 types of restrictions that are placed on the religious institutions and practices of religious minorities that are not placed on the majority group. This includes restrictions on religious practices, restrictions on religious institutions and clergy, restrictions 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.

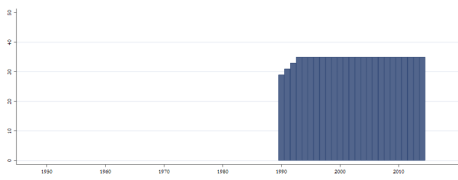
#### 4.8.1 biu\_offrel Official Religion

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



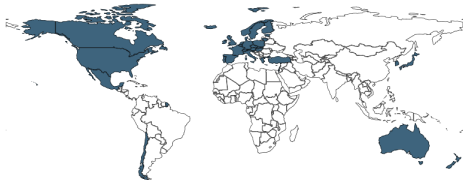
Min. Year:2014 Max. Year: 2014  
N: 36



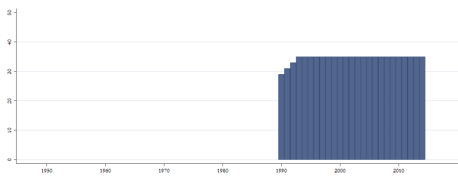
Min. Year:1990 Max. Year: 2014  
N: 36 n: 886  $\bar{N}$ : 35  $\bar{T}$ : 25

#### 4.8.2 biu\_relleg Religious Legislation

Composite measure of religious legislation, 2014 (higher scores indicate higher levels of religious legislation).



Min. Year:2014 Max. Year: 2014  
N: 36



Min. Year:1990 Max. Year: 2014  
N: 36 n: 886  $\bar{N}$ : 35  $\bar{T}$ : 25

4.9 Barro and Lee

<http://www.barrolee.com/>  
(Barro & Lee, 2013)  
(Data downloaded: 2019-06-13)

Educational Attainment Dataset

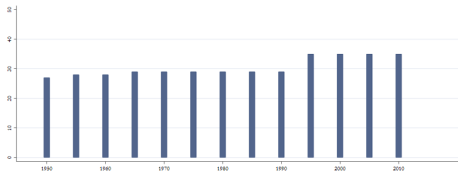
The Barro-Lee Data set provide data disaggregated by sex and by 5-year age intervals. It provides educational attainment data for 146 countries in 5-year intervals from 1950 to 2010. It also provides information about the distribution of educational attainment of the adult population over age 15 and 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.

4.9.1 bl\_asyf Average Schooling Years, Female

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: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

4.9.2 bl\_asyf Average Schooling Years, Male

Average Schooling Years, Male (25+).

Variable not included  
in Cross-Section Data

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



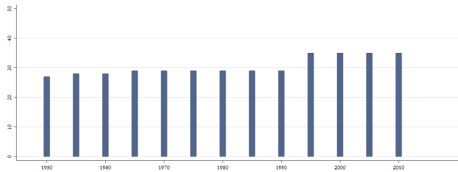
Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

4.9.3 bl\_asyf Average Schooling Years, Female and Male

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

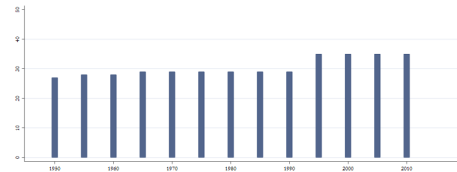


Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.9.4 bl\_lhf Percentage with Tertiary Schooling, Female

Percentage with Tertiary Schooling, Female (25+).

Variable not included  
in Cross-Section Data



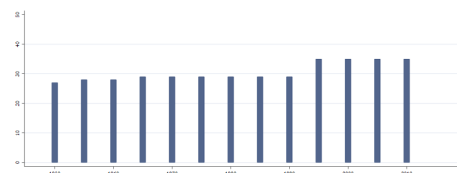
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.9.5 bl\_lhm Percentage with Tertiary Schooling, Male

Percentage with Tertiary Schooling, Male (25+).

Variable not included  
in Cross-Section Data



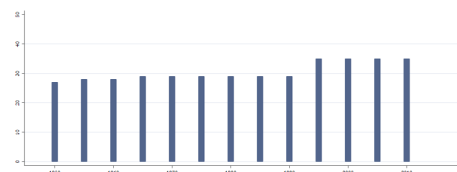
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.9.6 bl\_lhmf Percentage with Tertiary Schooling, Female and Male

Percentage with Tertiary Schooling, Female and Male (25+).

Variable not included  
in Cross-Section Data



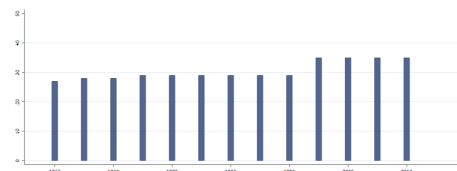
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.9.7 bl\_lpf Percentage with Primary Schooling, Female

Percentage with Primary Schooling, Female (25+).

Variable not included  
in Cross-Section Data



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

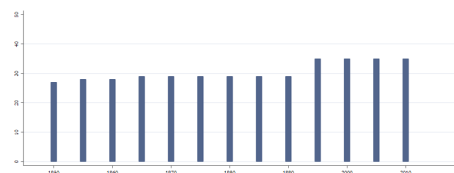
Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.9.8 bl\_lpm Percentage with Primary Schooling, Male

Percentage with Primary Schooling, Male (25+).

Variable not included  
in Cross-Section Data

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



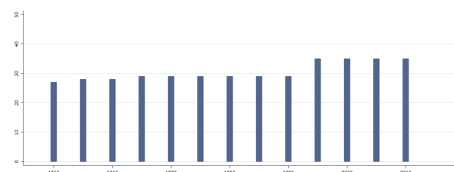
Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.9.9 bl\_lpmf Percentage with Primary Schooling, Female and Male

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



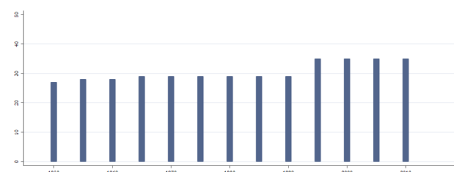
Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.9.10 bl\_lsf Percentage with Secondary Schooling, Female

Percentage with Secondary Schooling, Female (25+).

Variable not included  
in Cross-Section Data

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



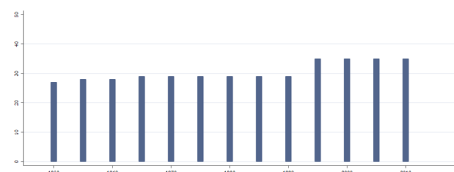
Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.9.11 bl\_lsm Percentage with Secondary Schooling, Male

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: 36 n: 401  $\overline{N}$ : 7  $\overline{T}$ : 11

#### 4.9.12 bl\_lsmf Percentage with Secondary Schooling, Female and Male

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



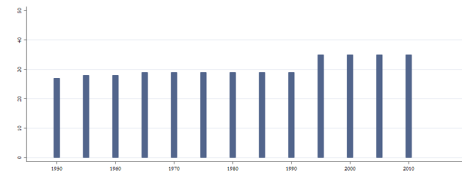
Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\bar{N}$ : 7  $\bar{T}$ : 11

### 4.9.13 bl\_luf Percentage with No Schooling, Female

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: 36 n: 401  $\bar{N}$ : 7  $\bar{T}$ : 11

### 4.9.14 bl\_lum Percentage with No Schooling, Male

Percentage with No Schooling, Male (25+).

## Variable not included in Cross-Section Data

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



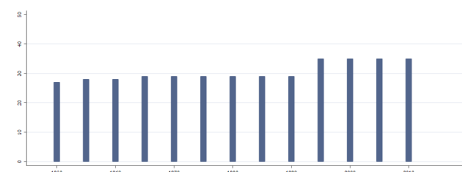
Min. Year:1950 Max. Year: 2010  
N: 36 n: 401  $\bar{N}$ : 7  $\bar{T}$ : 11

### 4.9.15 bl\_lumf Percentage with No Schooling, Female and Male

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: 36 n: 401  $\bar{N}$ : 7  $\bar{T}$ : 11

## 4.10 Carles Boix, Michael K. Miller and Sebastian Rosato

<https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/FJLMKT>  
(Boix et al., 2018)  
(Data downloaded: 2019-07-18)

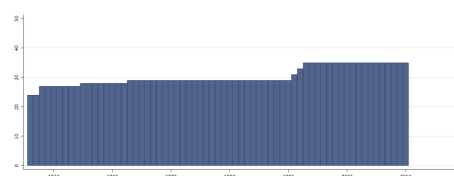
## Boix-Miller-Rosato Dichotomous Coding of Democracy, 1800-2010

This data set provides a dichotomous coding of democracy from 1800 until 2017, 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.

### 4.10.1 bmr\_dem Dichotomous democracy measure

Dichotomous democracy measure.

Variable not included  
in Cross-Section Data



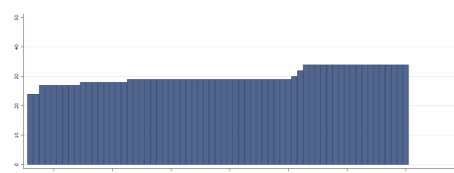
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1946 Max. Year: 2010  
N: 36 n: 1986  $\bar{N}$ : 31  $\bar{T}$ : 55

### 4.10.2 bmr\_dembr Number of previous democratic breakdowns

Previous number of democratic breakdowns.

Variable not included  
in Cross-Section Data



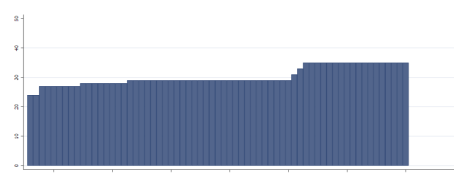
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year: 1946 Max. Year: 2010  
N: 35 n: 1966  $\bar{N}$ : 30  $\bar{T}$ : 56

### 4.10.3 bmr\_demdur Consecutive years of current regime type

Consecutive years of current regime type.

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: 36 n: 1986  $\bar{N}$ : 31  $\bar{T}$ : 55

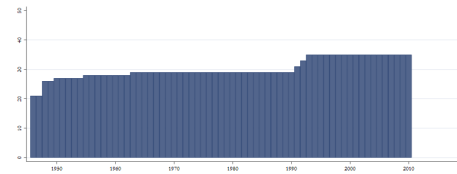
### 4.10.4 bmr\_demmis Dichotomous democracy measure (incl. missing for some countries)

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.



## Variable not included in Cross-Section Data

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



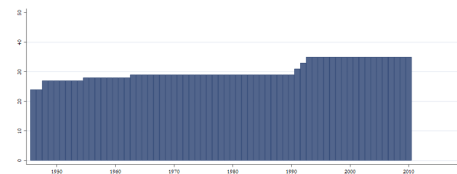
Min. Year: 1946 Max. Year: 2010  
N: 36 n: 1978  $\bar{N}$ : 30  $\bar{T}$ : 55

### 4.10.5 bmr\_demtran Democratic transition

- (-1) Democratic breakdown
- (0) No change
- (1) Democratic transition

## 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: 36 n: 1986  $\bar{N}$ : 31  $\bar{T}$ : 55

## 4.11 Bernhard, Nordstrom and Reenock

<http://users.clas.ufl.edu/bernhard/content/data/data.htm>

(Bernhard et al., 2001)

(Data downloaded: 2018-07-19)

### Event History Coding of Democratic Breakdowns

Binary coding of all democracies from 1913 until 2005 prepared for use in event history analysis.

#### 4.11.1 bnr\_dem Democratic Breakdown

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.

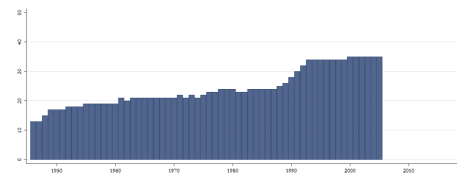
**Inclusiveness:** We only include competitive polities in which at least fifty percent of all adult citizens are enfranchised to vote in our set of democracies.

**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: 36 n: 1463  $\bar{N}$ : 24  $\bar{T}$ : 41

### 4.12 Forman-Rabinovici and Sommer

<https://people.socsci.tau.ac.il/mu/udis/the-comparative-abortion-index-project/>  
(Forman-Rabinovici & Sommer, 2018)  
(Data downloaded: 2019-11-05)

#### 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.

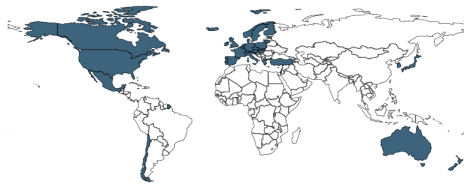
Each country-year is given a score based on the number of legal criteria accepted as grounds for abortion. In the first version of the index (CAI1), each criterion is given equal weight and the score is a direct reflection of the number of conditions the country accepts. Thus, a country that has no conditions 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.

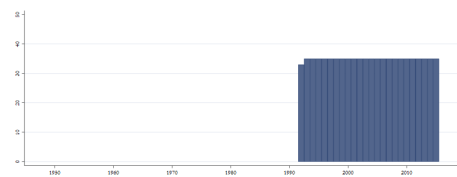
#### 4.12.1 cai\_cai1 Comparative Abortion Index 1 (0 to 7)

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.



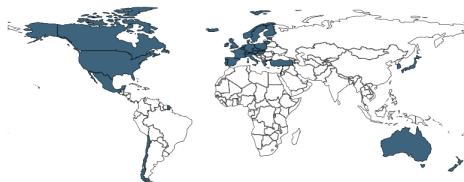
Min. Year:2015 Max. Year: 2015  
N: 36



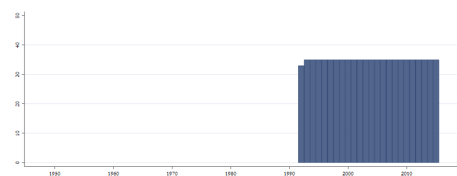
Min. Year:1992 Max. Year: 2015  
N: 36 n: 862  $\bar{N}$ : 36  $\bar{T}$ : 24

#### 4.12.2 cai\_cai2 Comparative Abortion Index 2 (0 to 1)

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.



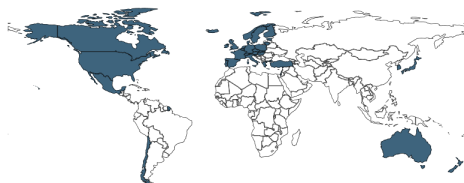
Min. Year:2015 Max. Year: 2015  
N: 36



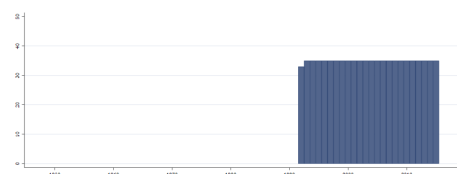
Min. Year:1992 Max. Year: 2015  
N: 36 n: 862  $\bar{N}$ : 36  $\bar{T}$ : 24

#### 4.12.3 cai\_foetal Foetal impairment is accepted as grounds for legal abortion

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.



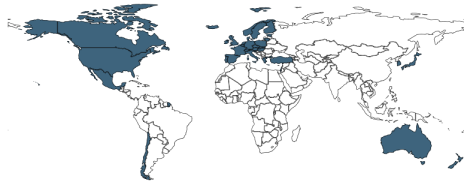
Min. Year:2015 Max. Year: 2015  
N: 36



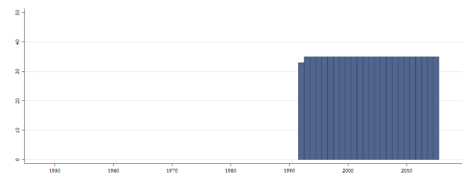
Min. Year:1992 Max. Year: 2015  
N: 36 n: 862  $\bar{N}$ : 36  $\bar{T}$ : 24

#### 4.12.4 cai\_life Threat to mother's life is accepted as grounds for legal abortion

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.



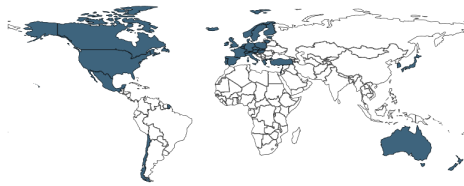
Min. Year:2015 Max. Year: 2015  
N: 36



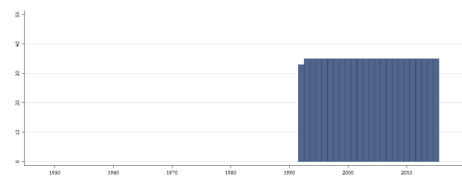
Min. Year:1992 Max. Year: 2015  
N: 36 n: 862  $\bar{N}$ : 36  $\bar{T}$ : 24

#### 4.12.5 cai\_mental Threat to mother's mental health is accepted as grounds for legal abortion

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.



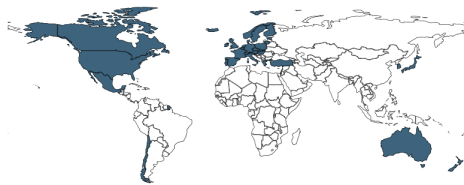
Min. Year:2015 Max. Year: 2015  
N: 36



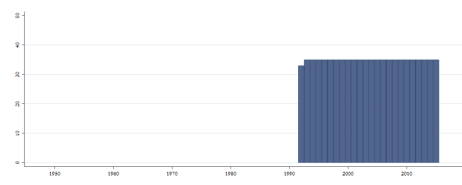
Min. Year:1992 Max. Year: 2015  
N: 36 n: 862  $\bar{N}$ : 36  $\bar{T}$ : 24

#### 4.12.6 cai\_physical Threat to mother's physical health is accepted as grounds for legal abortion

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.



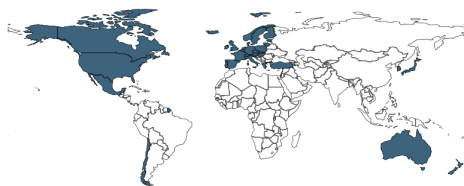
Min. Year:2015 Max. Year: 2015  
N: 36



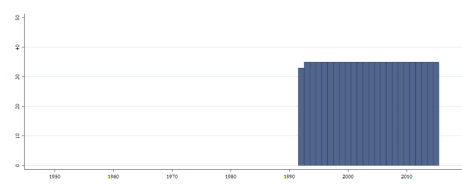
Min. Year:1992 Max. Year: 2015  
N: 36 n: 862  $\bar{N}$ : 36  $\bar{T}$ : 24

#### 4.12.7 cai\_rape Pregnancy as result of rape or incest is accepted as grounds for legal abortion

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.



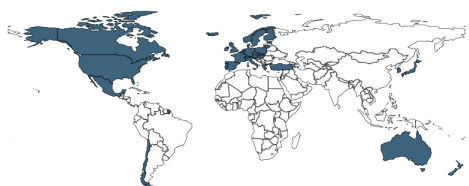
Min. Year:2015 Max. Year: 2015  
N: 36



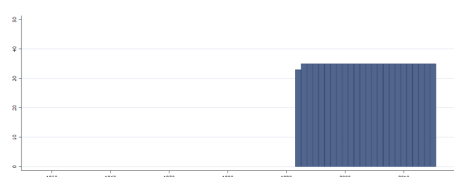
Min. Year:1992 Max. Year: 2015  
N: 36 n: 862  $\bar{N}$ : 36  $\bar{T}$ : 24

#### 4.12.8 cai\_request Abortion is available on 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.



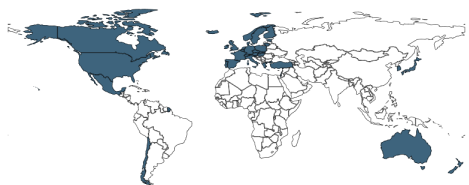
Min. Year: 2015 Max. Year: 2015  
N: 36



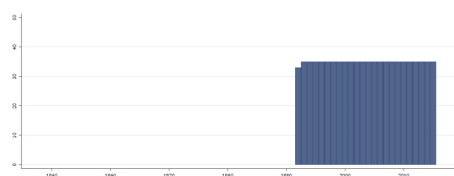
Min. Year: 1992 Max. Year: 2015  
N: 36 n: 862  $\bar{N}$ : 36  $\bar{T}$ : 24

#### 4.12.9 cai\_social Social or economic reasons are accepted as grounds for legal abortion

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: 36



Min. Year: 1992 Max. Year: 2015  
N: 36 n: 862  $\bar{N}$ : 36  $\bar{T}$ : 24

### 4.13 Coppedge, Alvarez and Maldonado

<http://www3.nd.edu/~mcoppedg/crd/datacrd.htm>  
(Coppedge et al., 2008)  
(Data downloaded: 2019-07-23)

#### Contestation and Inclusiveness, 1950-2000

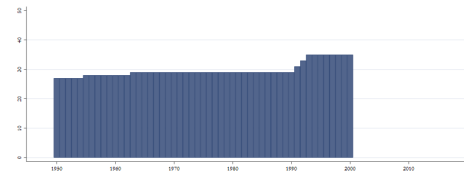
These are the two principal components of 13-15 indicators of democracy, including those compiled by Freedom House; Polity; Arthur Banks; Alvarez, Cheibub, Limongi, and Przeworski, as updated by Cheibub and Gandhi; Bollen; and Cingranelli and Richards. The dataset covers most countries in the world from 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.

#### 4.13.1 cam\_contest Contestation (standardized version)

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



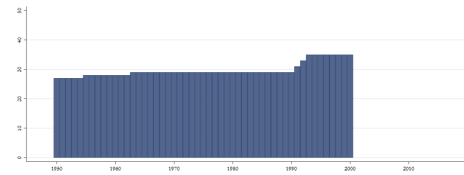
Min. Year: 1950 Max. Year: 2000  
N: 36 n: 1524  $\bar{N}$ : 30  $\bar{T}$ : 42

### 4.13.2 cam\_inclusive Inclusiveness (standardized version)

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: 36 n: 1524  $\bar{N}$ : 30  $\bar{T}$ : 42

## 4.14 Ana Carolina Garriga

<https://sites.google.com/site/carogarriga/cbi-data-1?authuser=0>

(Garriga, 2016)

(Data downloaded: 2019-08-29)

### 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.

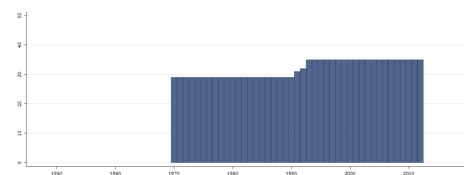
This data set codes the existence of reforms in 6,745 observations and computes the CWN index for 5,840 observations. The data coverage not only allows researchers to test competing explanations on the determinants and effects of CBI in both developed and developing countries, but it also provides a useful instrument for cross-national studies in diverse fields.

#### 4.14.1 cbi\_cbiu Central Bank Independence unweighted index

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



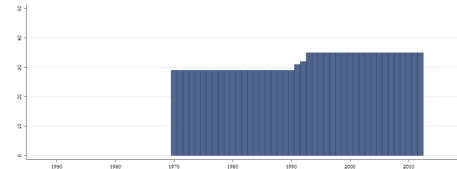
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

#### 4.14.2 cbi\_cbiw Central Bank Independence weighted index

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



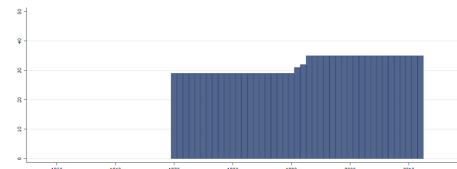
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

#### 4.14.3 cbi\_cceo Component 1: Chief executive officer

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



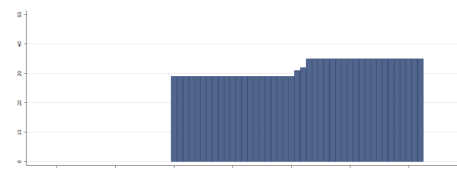
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

#### 4.14.4 cbi\_ccl Component 4: Limitations on lending to the government

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



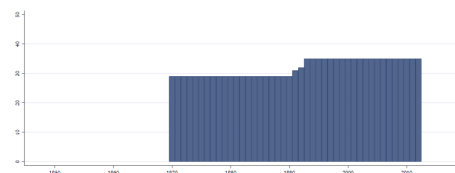
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

#### 4.14.5 cbi\_cobj Component 2: Objectives

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



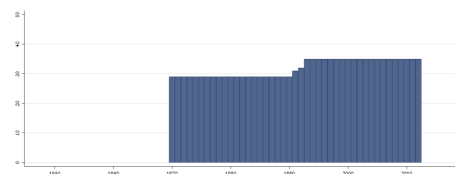
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

### 4.14.6 cbi\_cpol Component 3: Policy formulation

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



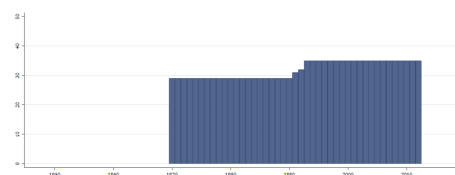
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

### 4.14.7 cbi\_create Year of law creating the central bank

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



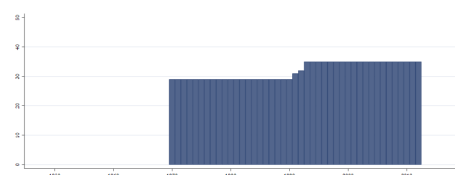
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

### 4.14.8 cbi\_dec Year of a reform that decreased central bank independence

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: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

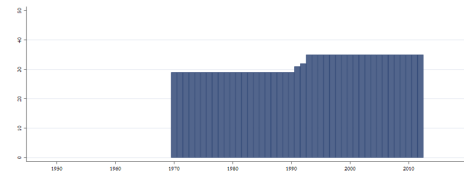
### 4.14.9 cbi\_dir Effect of the central bank reform on the weighted index

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



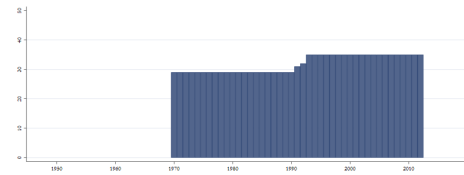
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

### 4.14.10 **cbi\_inc** Year of a reform that increased central bank independence

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



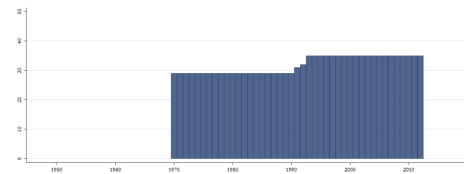
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

### 4.14.11 **cbi\_ref** Year of a reform that affects the central bank independence

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



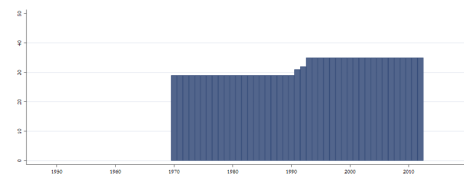
Min. Year: 1970 Max. Year: 2012  
N: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

### 4.14.12 **cbi\_reg** Whether the central bank is a regional organization

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: 36 n: 1393  $\bar{N}$ : 32  $\bar{T}$ : 39

## 4.15 The Comparative Constitutions Project

<http://comparativeconstitutionsproject.org/>  
(Elkins et al., 2014)  
(Data downloaded: 2019-10-23)

## 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.

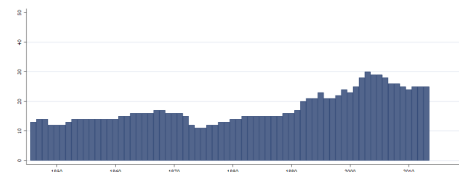
### 4.15.1 ccp\_buildsoc Duty of the People is to Build Country in Constitution

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

Variable not included  
in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

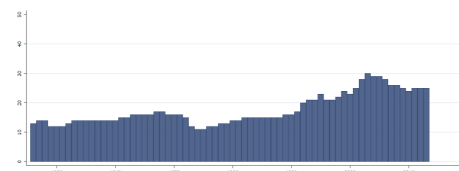
### 4.15.2 ccp\_cc Corruption Commission Present in Constitution

Does the constitution contain provisions for a counter corruption commission?

1. Yes
2. No
96. Other
97. Unable to determine

Variable not included  
in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

### 4.15.3 ccp\_childwrk Limits on Child Work in Constitution

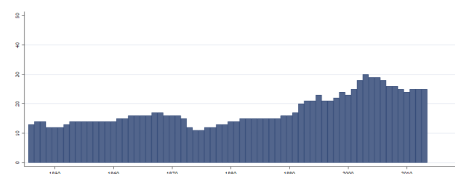
Does the constitution place limits on child employment?

1. Yes
2. No

90. Left explicitly to non-constitutional law  
96. Other

Variable not included  
in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

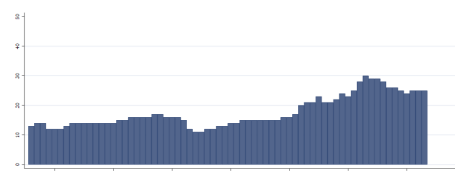
#### 4.15.4 ccp\_civil Meritocratic Recruitment of Civil Servants Mentioned in Constitution

Does the constitution include provisions for the meritocratic recruitment of civil servants (e.g. exams or credential requirements)?

1. Yes  
2. No  
96. Other

Variable not included  
in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

#### 4.15.5 ccp\_democ Reference in Constitution to Democracy

Does the constitution refer to “democracy” or “democratic”?

1. Yes  
2. No

Variable not included  
in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

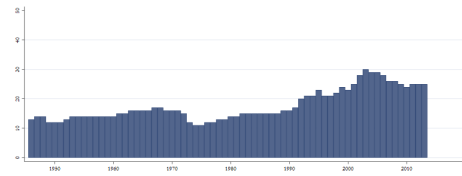
#### 4.15.6 ccp\_equal Equality Before the Law Mentioned in Constitution

Does the constitution refer to equality before the law, the equal rights of men, or non-discrimination?

1. Yes  
2. No  
96. Other

## Variable not included in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

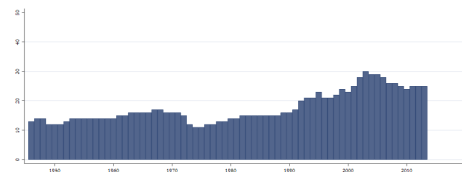
### 4.15.7 ccp\_freerel Freedom of Religion in Constitution

Does the constitution provide for freedom of religion?

1. Yes
2. No
96. Other

## Variable not included in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

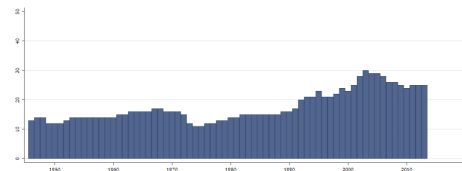
### 4.15.8 ccp\_hr Human Rights Commission Present in Constitution

Does the constitution contain provisions for a human rights commission?

1. Yes
2. No
96. Other

## Variable not included in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

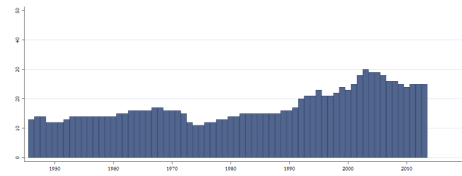
### 4.15.9 ccp\_infoacc Right to Government Documents in Constitution

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

## Variable not included in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

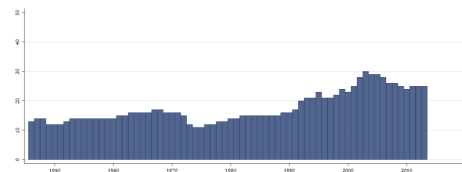
### 4.15.10 ccp\_initiat Legislative Initiative Allowed

Does the constitution provide for the ability of individuals to propose legislative initiatives?

1. Yes
2. No
96. Other

## Variable not included in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

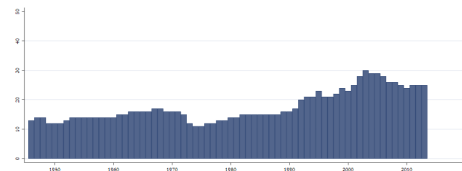
### 4.15.11 ccp\_market Reference in Constitution to Capitalism

Does the constitution refer to the “free market,” “capitalism,” or an analogous term?

1. Yes
2. No
96. Other

## Variable not included in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

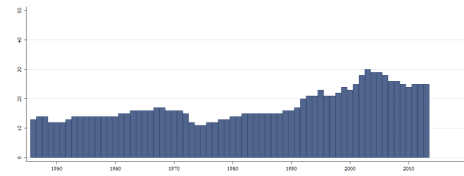
### 4.15.12 ccp\_marriage Right to Marry in Constitution

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

## Variable not included in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

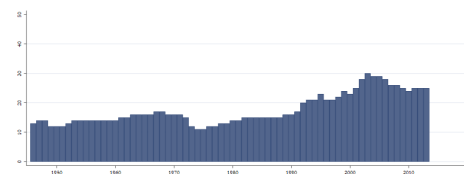
### 4.15.13 ccp\_samesexm Right to Same-Sex Marriages in Constitution

Does the constitution provide the right for same sex marriages?

1. Yes
2. No
96. Other

## Variable not included in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

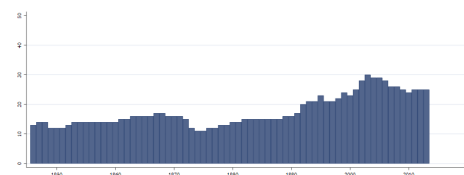
### 4.15.14 ccp\_slave Status of Slavery in Constitution

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)
90. Left explicitly to non-constitutional law
96. Other
98. Not specified

## Variable not included in Cross-Section Data

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



Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

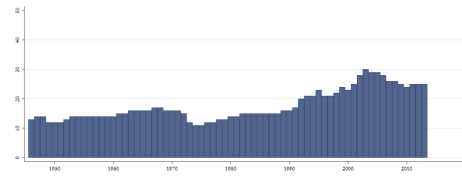
### 4.15.15 ccp\_socialism Reference in Constitution to Socialism

Does the constitution refer to "socialism" or "socialist"?

1. Yes
2. No
96. Other

## Variable not included in Cross-Section Data

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



Min. Year:1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

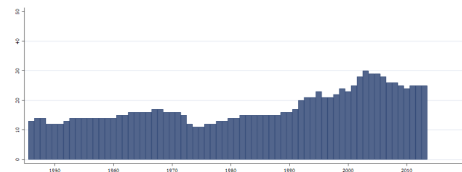
### 4.15.16 ccp\_strike Right to Strike in Constitution

Does the constitution provide for a right to strike?

1. Yes
2. Yes, but with limitations
3. No
96. Other

## Variable not included in Cross-Section Data

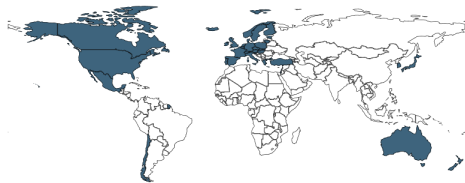
N: N/A Min. Year: N/A Max. Year: N/A



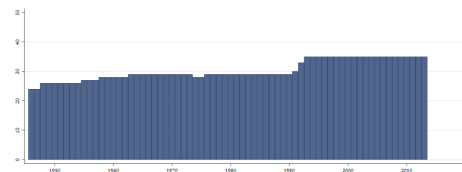
Min. Year:1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

### 4.15.17 ccp\_syst New Constitutional System

Identifies new constitutional systems.



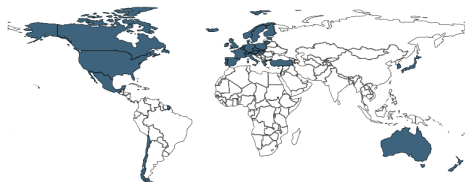
Min. Year:2013 Max. Year: 2013  
N: 36



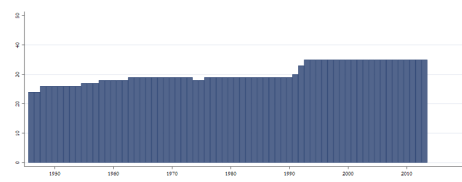
Min. Year:1946 Max. Year: 2013  
N: 36 n: 2081  $\bar{N}$ : 31  $\bar{T}$ : 58

### 4.15.18 ccp\_systyear Year in which the Constitutional System was Promulgated

Year in which the constitutional system was promulgated.



Min. Year:2013 Max. Year: 2013  
N: 36



Min. Year:1946 Max. Year: 2013  
N: 36 n: 2081  $\bar{N}$ : 31  $\bar{T}$ : 58

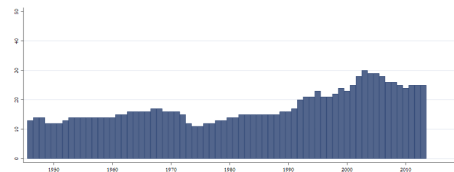
### 4.15.19 ccp\_taxes Duty of People is to Pay Taxes in Constitution

Does the constitution refer to a duty to pay taxes?

1. Yes

- 2. No
- 96. Other

Variable not included  
in Cross-Section Data



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

Min. Year: 1946 Max. Year: 2013  
N: 35 n: 1217  $\bar{N}$ : 18  $\bar{T}$ : 35

#### 4.16 Cheibub, Antonio, Gandhi and Vreeland

<https://sites.google.com/site/joseantoniocheibub/datasets/democracy-and-dictatorship-revisited>

(Cheibub et al., 2010)

(Data downloaded: 2019-07-23)

##### Classification of Political Regimes

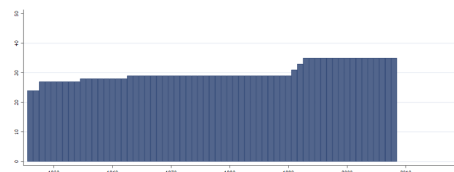
Classification of political regimes as democracy and dictatorship. Classification of democracies as parliamentary, semi-presidential (mixed) and presidential. Classification of dictatorships as military, civilian and royal.

##### 4.16.1 chga\_demo Democracy

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: 36 n: 1914  $\bar{N}$ : 30  $\bar{T}$ : 53

##### 4.16.2 chga\_hinst Regime Institutions

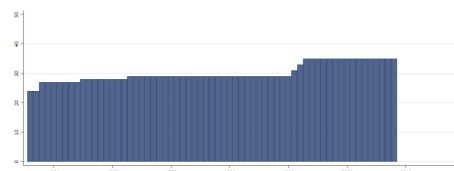
Six-fold classification of political regimes:

- 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: 36 n: 1914  $\bar{N}$ : 30  $\bar{T}$ : 53

### 4.17 Cingranelli, Filippov and Mark

[www.binghamton.edu/institutes/hri/](http://www.binghamton.edu/institutes/hri/)

(Cingranelli et al., 2018) (Cingranelli et al., 2014)

(Data downloaded: 21858)

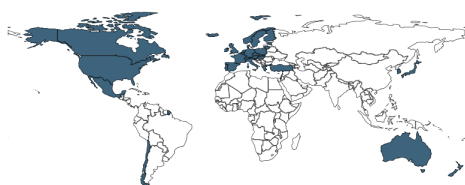
#### The CIRIGHTS Data project

The CIRIGHTS Data project measures the strength of actual national government practices protecting human rights. The long-term goal of the project is to annually measure all internationally recognized civil and political rights and to use both human and machine-assisted coding procedures to produce scores. The project is hosted by the Binghamton University Human Rights Institute.

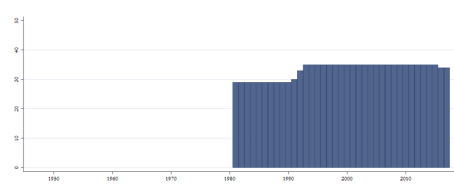
Note: The three different missing codes -66 (country is occupied by foreign powers), -77 (complete collapse of central authority), -999 (missing) have all been coded as missing.

#### 4.17.1 `ciri_assn` Freedom of Assembly and Association

It is an internationally recognized right of citizens to assemble freely and to associate with other persons in political parties, trade unions, cultural organizations, or other special-interest groups. This variable indicates the extent to which the freedoms of assembly and association are subject to actual governmental limitations or restrictions (as opposed to strictly legal protections). A score of 0 indicates that citizens' rights to freedom of assembly or association were severely restricted or denied completely to all citizens; a score of 1 indicates that these rights were limited for all citizens or severely restricted or denied for select groups; and a score of 2 indicates that these rights were virtually unrestricted and freely enjoyed by practically all citizens in a given year.



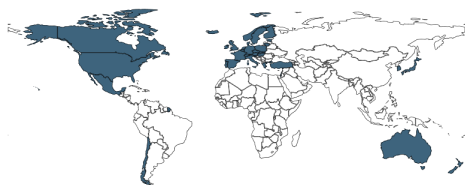
Min. Year: 2015 Max. Year: 2016  
N: 36



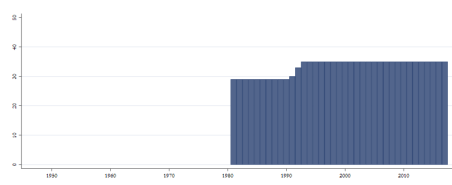
Min. Year: 1981 Max. Year: 2017  
N: 36 n: 1252  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.2 `ciri_disap` Disappearance

Disappearances are cases in which people have disappeared, political motivation appears likely, and the victims have not been found. Knowledge of the whereabouts of the disappeared is, by definition, not public knowledge. However, while there is typically no way of knowing where victims are, it is typically known by whom they were taken and under what circumstances. A score of 0 indicates that disappearances have occurred frequently in a given year; a score of 1 indicates that disappearances occasionally occurred; and a score of 2 indicates that disappearances did not occur in a given year.



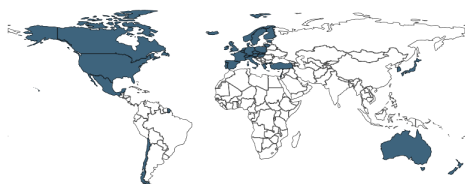
Min. Year:2016 Max. Year: 2016  
N: 36



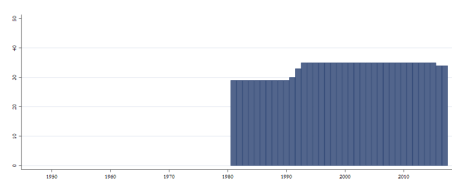
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1254  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.3 ciri\_dommov Freedom of Domestic Movement

This variable indicates citizens' freedom to travel within their own country. A score of 0 indicates that this freedom was severely restricted; a score of 1 indicates the freedom was somewhat restricted, and a score of 2 indicates unrestricted freedom of foreign movement.



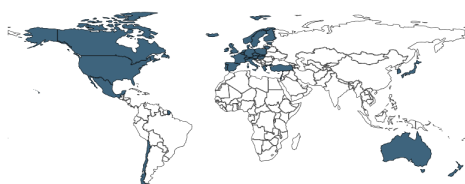
Min. Year:2015 Max. Year: 2016  
N: 36



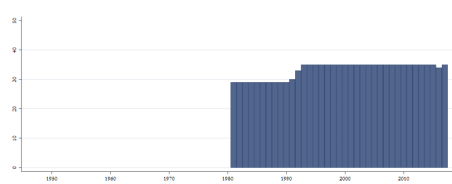
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1252  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.4 ciri\_elecsd Electoral Self-Determination

This variable indicates to what extent citizens enjoy freedom of political choice and the legal right and ability in practice to change the laws and officials that govern them through free and fair elections. This right is sometimes known as the right to self-determination. A score of 0 indicates that the right to self-determination through free and fair elections did not exist in law or practice during the year in question. A score of 1 indicates that while citizens had the legal right to self-determination, there were some limitations to the fulfillment of this right in practice. Therefore, in states receiving a 1, political participation was only moderately free and open. A score of 2 indicates that political participation was very free and open during the year in question and citizens had the right to self-determination through free and fair elections in both law and practice.



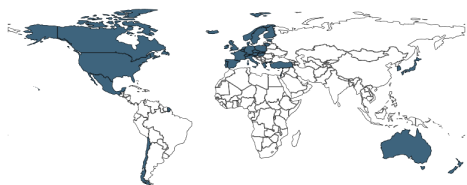
Min. Year:2016 Max. Year: 2017  
N: 36



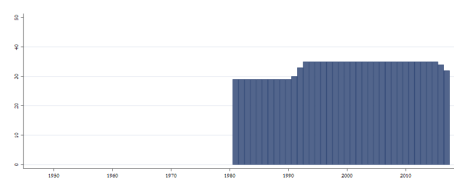
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1253  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.5 ciri\_empinx Empowerment Index

This is an additive index constructed from the Foreign Movement, Domestic Movement, Freedom of Speech, Freedom of Assembly and Association, Workers' Rights, Electoral Self-Determination, and Freedom of Religion indicators. It ranges from 0 (no government respect for these seven rights) to 14 (full government respect for these seven rights).



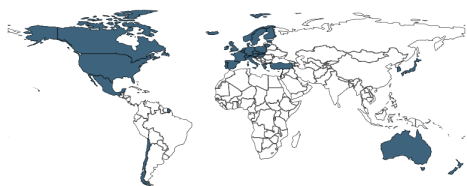
Min. Year:2015 Max. Year: 2017  
N: 36



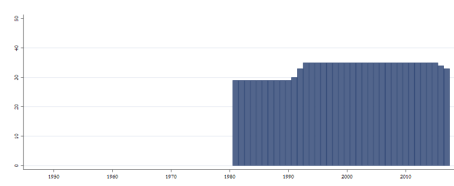
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1250  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.6 ciri\_formov Freedom of Foreign Movement

This variable indicates citizens' freedom to leave and return to their country. A score of 0 indicates that this freedom was severely restricted, a score of 1 indicates the freedom was somewhat restricted, and a score of 2 indicates unrestricted freedom of foreign movement.



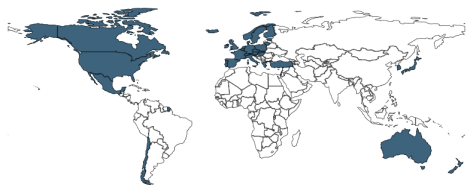
Min. Year:2015 Max. Year: 2017  
N: 36



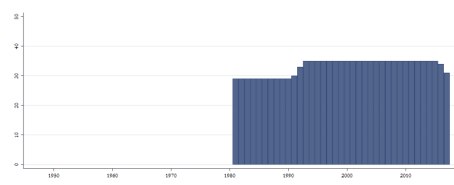
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1251  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.7 ciri\_injud Independence of the Judiciary

This variable indicates the extent to which the judiciary is independent of control from other sources, such as another branch of the government or the military. A score of 0 indicates "not independent", a score of 1 indicates "partially independent" and a score of 2 indicates "generally independent".



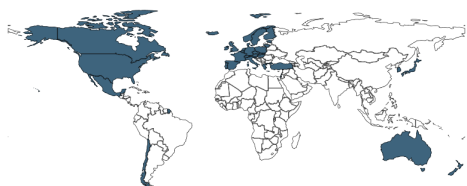
Min. Year:2015 Max. Year: 2017  
N: 36



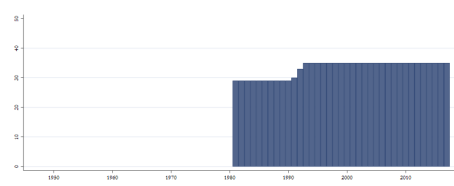
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1249  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.8 ciri\_kill Extrajudicial Killing

Extrajudicial killings are killings by government officials without due process of law. They include murders by private groups if instigated by government. These killings may result from the deliberate, illegal, and excessive use of lethal force by the police, security forces, or other agents of the state whether against criminal suspects, detainees, prisoners, or others. A score of 0 indicates that extrajudicial killings were practiced frequently in a given year; a score of 1 indicates that extrajudicial killings were practiced occasionally; and a score of 2 indicates that such killings did not occur in a given year.



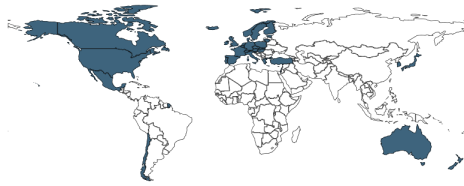
Min. Year:2016 Max. Year: 2017  
N: 36



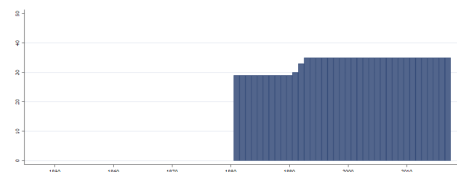
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1254  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.9 ciri\_physint Physical Integrity Rights

This is an additive index constructed from the Torture, Extrajudicial Killing, Political Imprisonment, and Disappearance indicators. It ranges from 0 (no government respect for these four rights) to 8 (full government respect for these four rights).



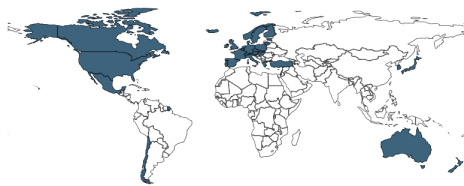
Min. Year:2016 Max. Year: 2017  
N: 36



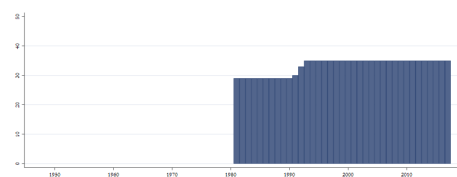
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1254  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.10 ciri\_polpris Political Imprisonment

Political imprisonment refers to the incarceration of people by government officials because of: their speech; their non-violent opposition to government policies or leaders; their religious beliefs; their non-violent religious practices including proselytizing; or their membership in a group, including an ethnic or racial group. A score of 0 indicates that there were many people imprisoned because of their religious, political, or other beliefs in a given year; a score of 1 indicates that a few people were imprisoned; and a score of 2 indicates that no persons were imprisoned for any of the above reasons in a given year.



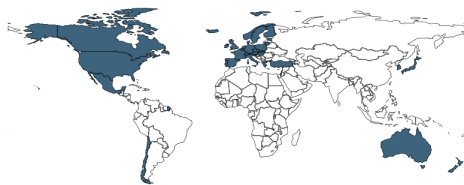
Min. Year:2016 Max. Year: 2016  
N: 36



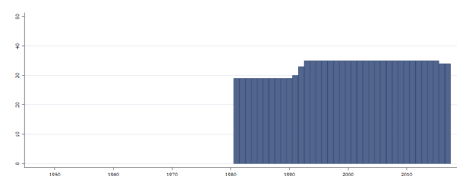
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1254  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.11 ciri\_relfre New Freedom of Religion

This variable indicates the extent to which the freedom of citizens to exercise and practice the irreligious beliefs is subject to actual government restrictions. Citizens should be able to freely practice their religion and proselytize (attempt to convert) other citizens to their religion as long as such attempts are done in a non-coercive, peaceful manner. A score of 0 indicates that government restrictions on religious practices are severe and widespread. A score of 1 indicates such practices are moderate, and a 0 indicates such practices are practically absent.



Min. Year:2015 Max. Year: 2017  
N: 36

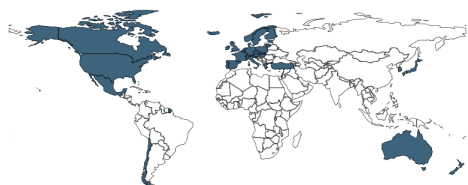


Min. Year:1981 Max. Year: 2017  
N: 36 n: 1252  $\bar{N}$ : 34  $\bar{T}$ : 35

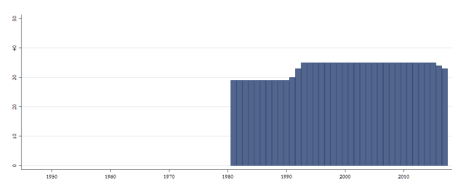
#### 4.17.12 ciri\_speech Freedom of Speech

This variable indicates the extent to which freedoms of speech and press are affected by government censorship, including ownership of media outlets. Censorship is any form of restriction that is placed on freedom of the press, speech or expression. Expression may be in the form of art or music. A score of 0 indicates that government censorship of the media was complete; a score of 1 indicates that

there was some government censorship of the media; and a score of 2 indicates that there was no government censorship of the media in a given year.



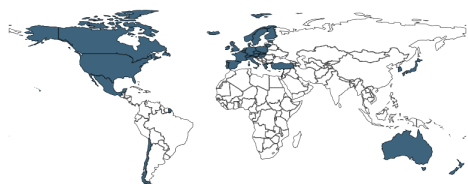
Min. Year:2015 Max. Year: 2016  
N: 36



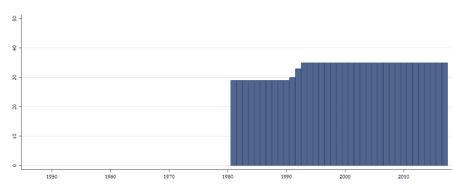
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1251  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.13 ciri\_tort Torture

Torture refers to the purposeful inflicting of extreme pain, whether mental or physical, by government officials or by private individuals at the instigation of government officials. Torture includes the use of physical and other force by police and prison guards that is cruel, inhuman, or degrading. This also includes deaths in custody due to negligence by government officials. A score of 0 indicates that torture was practiced frequently in a given year; a score of 1 indicates that torture was practiced occasionally; and a score of 2 indicates that torture did not occur in a given year.



Min. Year:2016 Max. Year: 2016  
N: 36



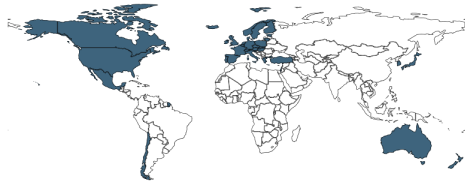
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1254  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.14 ciri\_wecon Women's Economic Rights

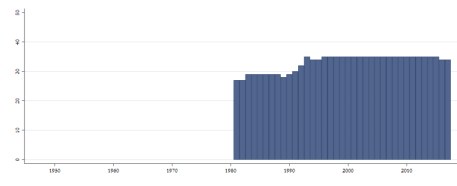
Women's economic rights include a number of internationally recognized rights. These rights include:

- Equal pay for equal work,
- Free choice of profession or employment without the need to obtain a husband or male relative's consent,
- The right to gainful employment without the need to obtain a husband or male relative's consent,
- Equality in hiring and promotion practices,
- Job security (maternity leave, unemployment benefits, no arbitrary firing or layoffs, etc.),
- Non-discrimination by employers,
- The right to be free from sexual harassment in the workplace,
- The right to work at night,
- The right to work in occupations classified as dangerous,
- The right to work in the military and the police force.

A score of 0 indicates that there were no economic rights for women in law and that systematic discrimination based on sex may have been built into law. A score of 1 indicates that women had some economic rights under law, but these rights were not effectively enforced. A score of 2 indicates that women had some economic rights under law, and the government effectively enforced these rights in practice while still allowing a low level of discrimination against women in economic matters. Finally, a score of 3 indicates that all or nearly all of women's economic rights were guaranteed by law and the government fully and vigorously enforces these laws in practice.



Min. Year:2015 Max. Year: 2017  
N: 36



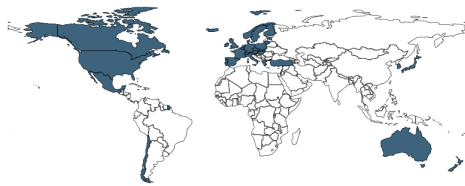
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1244  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.15 ciri\_wopol Women's Political Rights

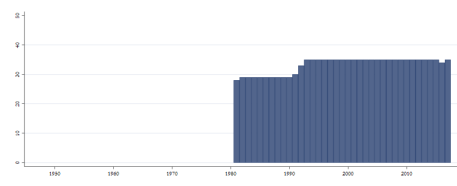
Women's political rights include a number of internationally recognized rights. These rights include:

- The right to vote
- The right to run for political office
- The right to hold elected and appointed government positions
- The right to join political parties
- The right to petition government officials.

A score of 0 indicates that women's political rights were not guaranteed by law during a given year. A score of 1 indicates that women's political rights were guaranteed in law, but severely prohibited in practice. A score of 2 indicates that women's political rights were guaranteed in law, but were still moderately prohibited in practice. Finally, a score of 3 indicates that women's political rights were guaranteed in both law and practice.



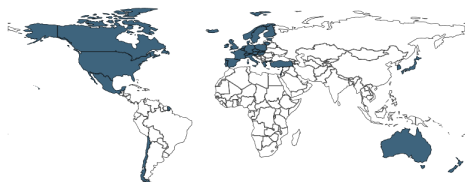
Min. Year:2015 Max. Year: 2017  
N: 36



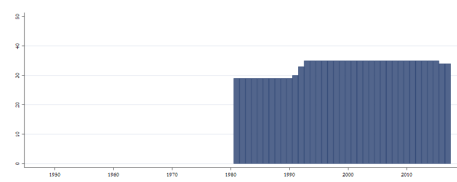
Min. Year:1981 Max. Year: 2017  
N: 36 n: 1252  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.16 ciri\_worker Workers' Rights

Workers should have freedom of association at their workplaces and the right to bargain collectively with their employers. This variable indicates the extent to which workers enjoy these and other internationally recognized rights at work, including a prohibition on the use of any form of forced or compulsory labor; a minimum age for the employment of children; and acceptable conditions of work with respect to minimum wages, hours of work, and occupational safety and health. A score of 0 indicates that workers' rights were severely restricted; a score of 1 indicates that workers' rights were somewhat restricted; and a score of 2 indicates that workers' rights were fully protected during the year in question.



Min. Year:2015 Max. Year: 2016  
N: 36



Min. Year:1981 Max. Year: 2017  
N: 36 n: 1252  $\bar{N}$ : 34  $\bar{T}$ : 35

#### 4.17.17 ciri\_wosoc Women's Social Rights

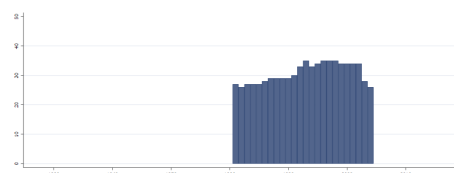
Women's social rights include a number of internationally recognized rights. These rights include:

- The right to equal inheritance

- The right to enter into marriage on a basis of equality with men
- The right to travel abroad
- The right to obtain a passport
- The right to confer citizenship to children or a husband
- The right to initiate a divorce
- The right to own, acquire, manage, and retain property brought into marriage
- The right to participate in social, cultural, and community activities
- The right to an education
- The freedom to choose a residence/domicile
- Freedom from female genital mutilation of children and of adults without their consent
- Freedom from forced sterilization.

A score of 0 indicates that there were no social rights for women in law and that systematic discrimination based on sex may have been built into law. A score of 1 indicates that women had some social rights under law, but these rights were not effectively enforced. A score of 2 indicates that women had some social rights under law and the government effectively enforced these rights in practice while still allowing a low level of discrimination against women in social matters. Finally, a score of 3 indicates that all or nearly all of women's social rights were guaranteed by law and the government fully and vigorously enforced these laws in practice. This variable was retired as of 2005.

**Variable not included  
in Cross-Section Data**



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

Min. Year: 1981 Max. Year: 2004  
N: 36 n: 751  $\bar{N}$ : 31  $\bar{T}$ : 21

#### 4.18 Armingeon, Wegner, Wiedemeier, Isler, Knoepfel, Weisstanner and Engler

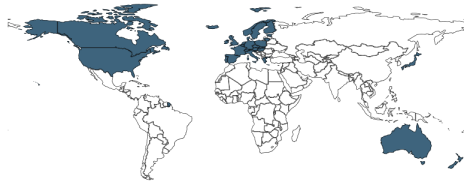
<http://www.cpbs-data.org/>  
(Armingeon et al., 2019)  
(Data downloaded: 2019-09-11)

#### Comparative Political Data Set

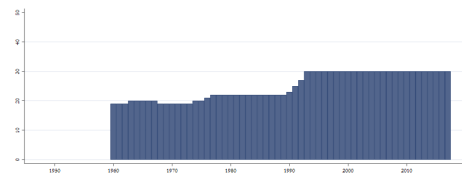
The Comparative Political Data Set 1960-2017 (CPDS) is a collection of political and institutional data which have been assembled in the context of the research projects “Die Handlungsspielräume des Nationalstaates” and “Critical junctures. An international comparison” directed by Klaus Armingeon and 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.

##### 4.18.1 cpds\_chg Number of changes in government per year

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).



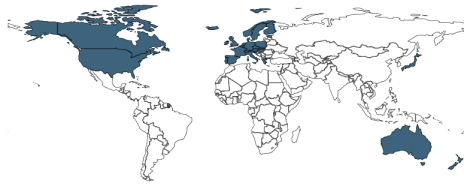
Min. Year:2016 Max. Year: 2016  
N: 31



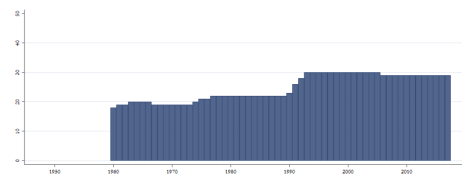
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1468  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.2 cpds\_enps Effective number of parties on the seats level

Effective number of parties on the seats level according to the formula proposed by Laakso and Taagepera (1979).



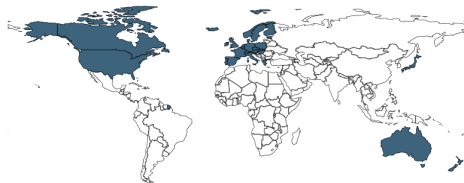
Min. Year:2016 Max. Year: 2016  
N: 30



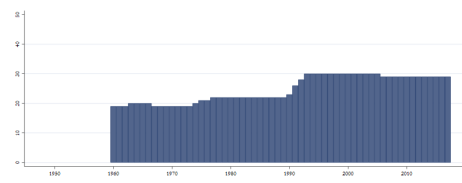
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1457  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.3 cpds\_enpv Effective number of parties on the votes level

Effective number of parties on the votes level according to the formula proposed by Laakso and Taagepera (1979).



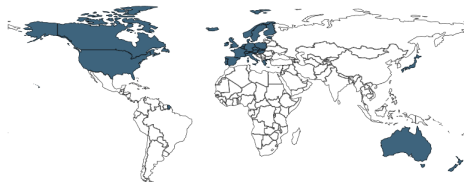
Min. Year:2016 Max. Year: 2016  
N: 30



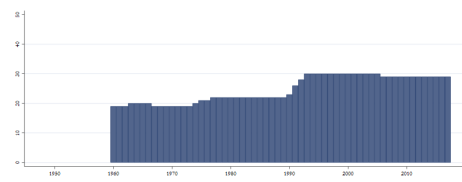
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1458  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.4 cpds\_frel Electoral fractionalization of the party system (Rae index)

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:2016 Max. Year: 2016  
N: 30

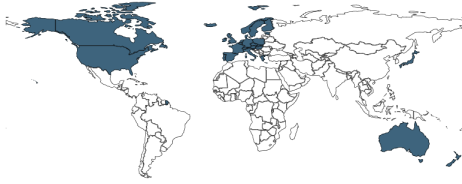


Min. Year:1960 Max. Year: 2017  
N: 31 n: 1458  $\bar{N}$ : 25  $\bar{T}$ : 47

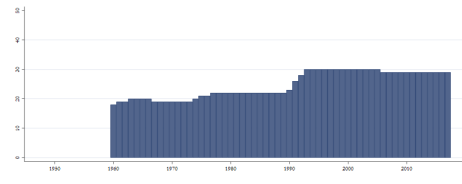
#### 4.18.5 cpds\_frleg Legislative fractionalization of the party system (Rae index)

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:2016 Max. Year: 2016  
N: 30

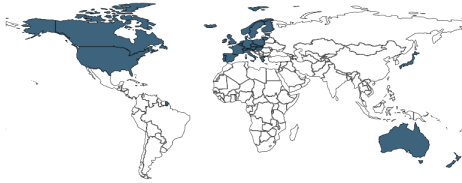


Min. Year:1960 Max. Year: 2017  
N: 31 n: 1457  $\bar{N}$ : 25  $\bar{T}$ : 47

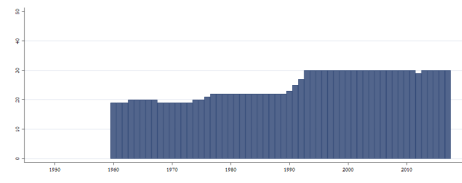
#### 4.18.6 cpds\_govlr Cabinet composition (Schmidt index)

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.



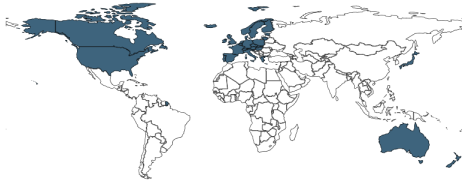
Min. Year:2016 Max. Year: 2017  
N: 31



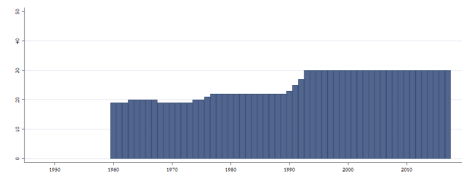
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1467  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.7 cpds\_govsup Government support (seat share of all parties in government)

Total government support: seat share of all parties in government. Weighted by the numbers of days in office in a given year.



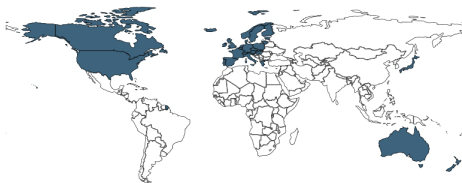
Min. Year:2016 Max. Year: 2016  
N: 31



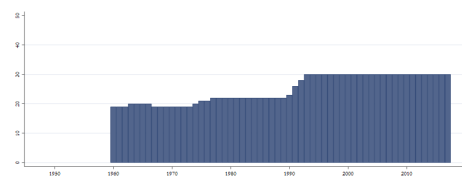
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1468  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.8 cpds\_la Share of seats in parliament: agrarian

Share of seats in parliament for the political parties classified as agrarian.



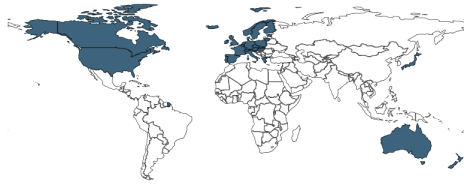
Min. Year:2016 Max. Year: 2016  
N: 31



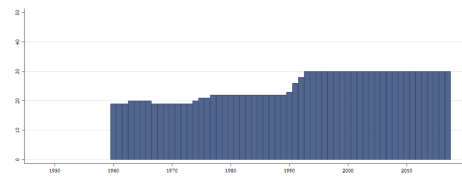
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.9 cpds\_la Share of seats in parliament: electoral alliance

Share of seats in parliament for the political parties classified as electoral alliance.



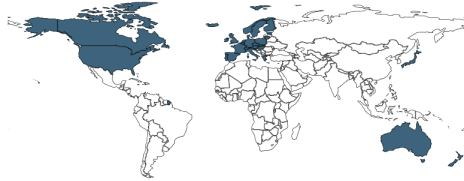
Min. Year:2016 Max. Year: 2016  
N: 31



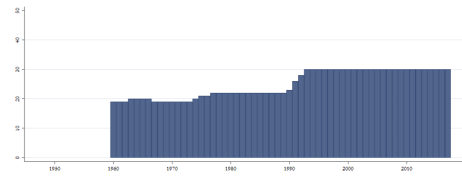
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.10 cpds\_lcom Share of seats in parliament: communist

Share of seats in parliament for the political parties classified as communist.



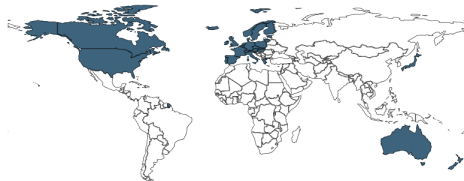
Min. Year:2016 Max. Year: 2016  
N: 31



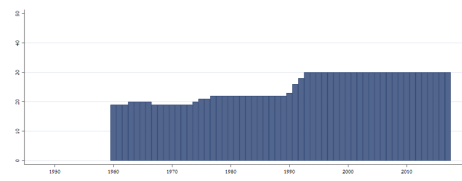
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.11 cpds\_lcon Share of seats in parliament: conservative

Share of seats in parliament for the political parties classified as conservative.



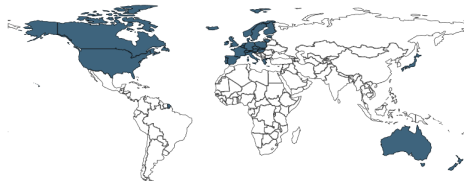
Min. Year:2016 Max. Year: 2016  
N: 31



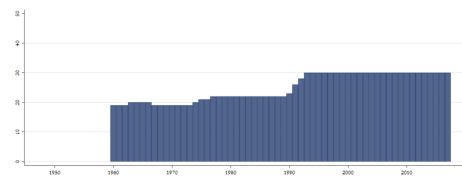
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.12 cpds\_le Share of seats in parliament: ethnic

Share of seats in parliament for the political parties classified as ethnic.



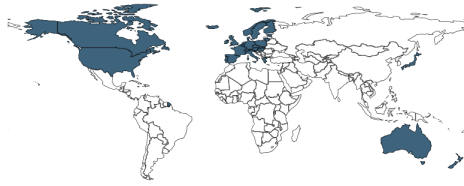
Min. Year:2016 Max. Year: 2016  
N: 31



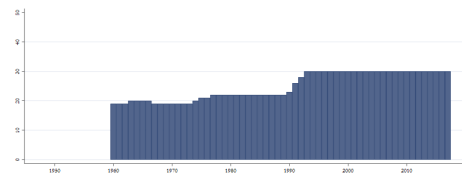
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.13 cpds\_lfe Share of seats in parliament: feminist

Share of seats in parliament for the political parties classified as feminist.



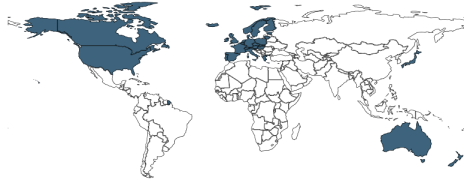
Min. Year:2016 Max. Year: 2016  
N: 31



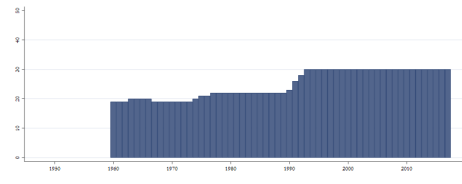
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.14 cpds\_lg Share of seats in parliament: green

Share of seats in parliament for the political parties classified as green.



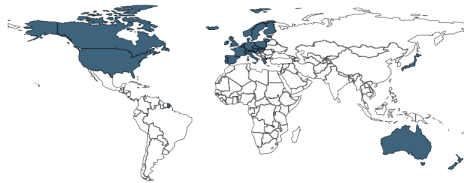
Min. Year:2016 Max. Year: 2016  
N: 31



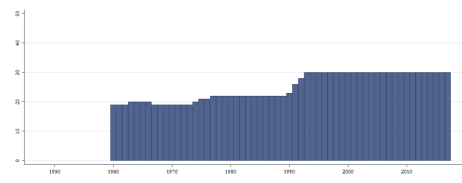
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.15 cpds\_ll Share of seats in parliament: liberal

Share of seats in parliament for the political parties classified as liberal.



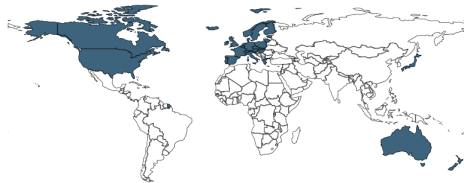
Min. Year:2016 Max. Year: 2016  
N: 31



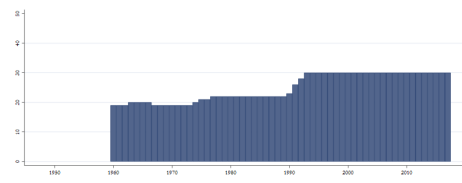
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.16 cpds\_lls Share of seats in parliament: left-socialist

Share of seats in parliament for the political parties classified as left-socialist.



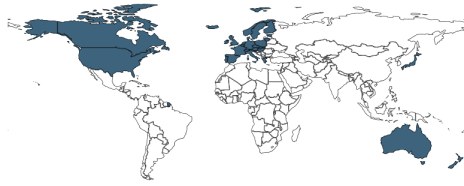
Min. Year:2016 Max. Year: 2016  
N: 31



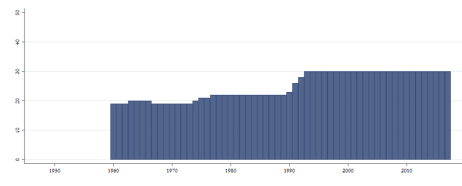
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.17 cpds\_lmo Share of seats in parliament: monarchist

Share of seats in parliament for the political parties classified as monarchist.



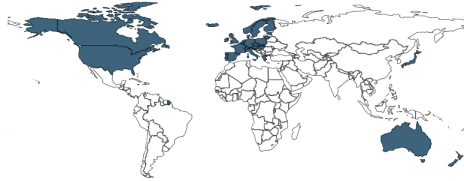
Min. Year:2016 Max. Year: 2016  
N: 31



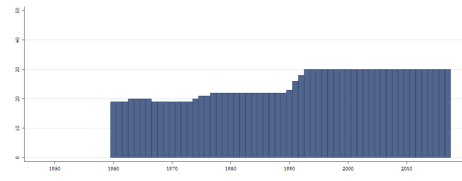
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.18 cpds\_lnl Share of seats in parliament: non-labelled

Share of seats in parliament for the political parties classified as non-labelled.



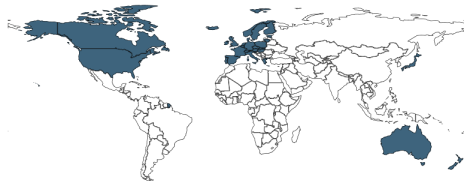
Min. Year:2016 Max. Year: 2016  
N: 31



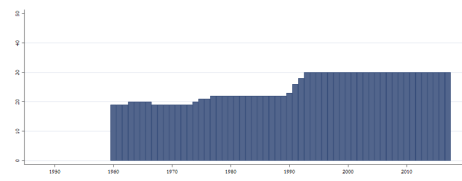
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.19 cpds\_lo Share of seats in parliament: other

Share of seats in parliament for the political parties classified as other.



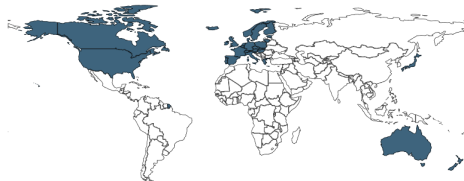
Min. Year:2016 Max. Year: 2016  
N: 31



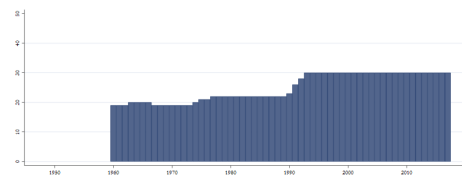
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.20 cpds\_lp Share of seats in parliament: protest

Share of seats in parliament for the political parties classified as protest.



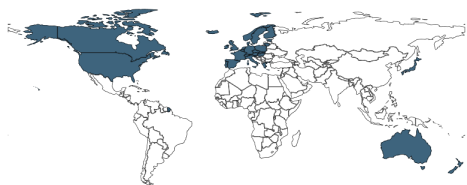
Min. Year:2016 Max. Year: 2016  
N: 31



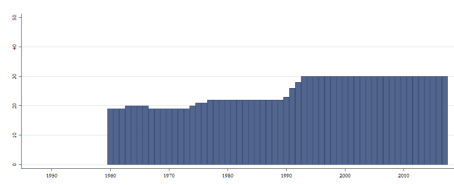
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.21 cpds\_lpc Share of seats in parliament: post-communist

Share of seats in parliament for the political parties classified as post-communist.



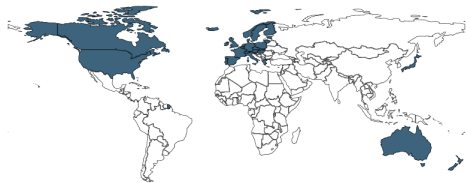
Min. Year:2016 Max. Year: 2016  
N: 31



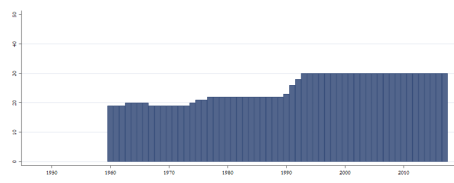
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.22 cpds\_lpen Share of seats in parliament: pensioners

Share of seats in parliament for the political parties classified as pensioners.



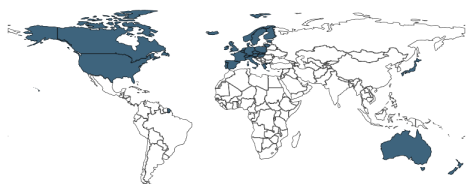
Min. Year:2016 Max. Year: 2016  
N: 31



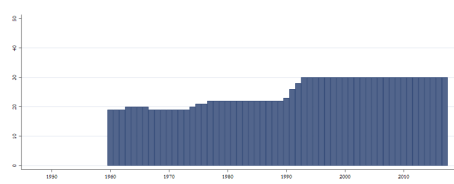
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.23 cpds\_lper Share of seats in parliament: personalist

Share of seats in parliament for the political parties classified as personalist.



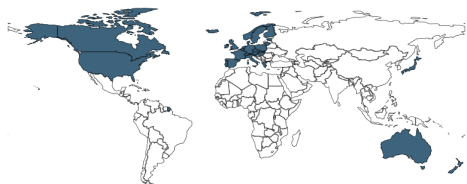
Min. Year:2016 Max. Year: 2016  
N: 31



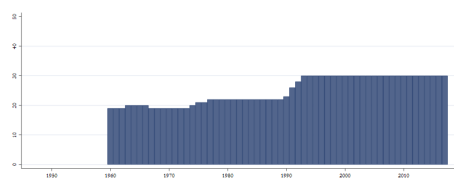
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.24 cpds\_lr Share of seats in parliament: right

Share of seats in parliament for the political parties classified as right.



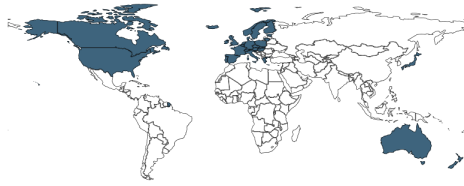
Min. Year:2016 Max. Year: 2016  
N: 31



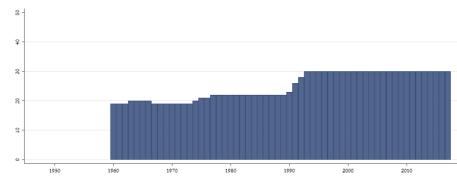
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.25 cpds\_lreg Share of seats in parliament: regionalist

Share of seats in parliament for the political parties classified as regionalist.



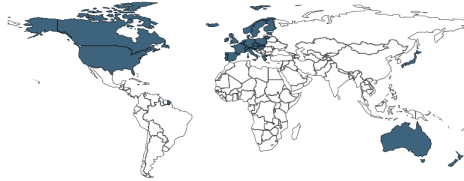
Min. Year:2016 Max. Year: 2016  
N: 31



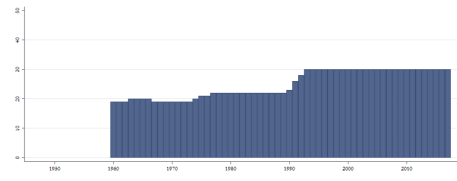
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.26 cpds\_lrel Share of seats in parliament: religious

Share of seats in parliament for the political parties classified as religious.



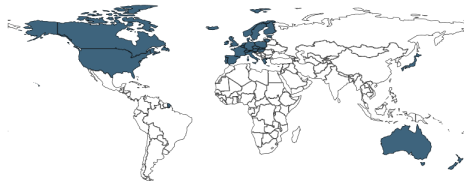
Min. Year:2016 Max. Year: 2016  
N: 31



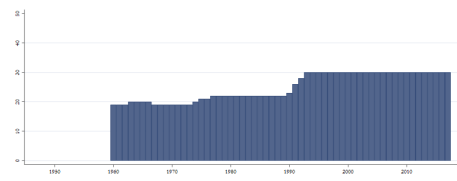
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.27 cpds\_ls Share of seats in parliament: social democratic

Share of seats in parliament for the political parties classified as social democratic.



Min. Year:2016 Max. Year: 2016  
N: 31

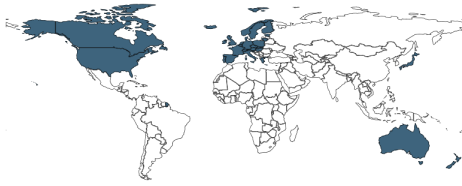


Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

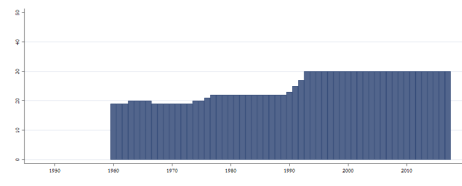
#### 4.18.28 cpds\_tg Type of Government

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.



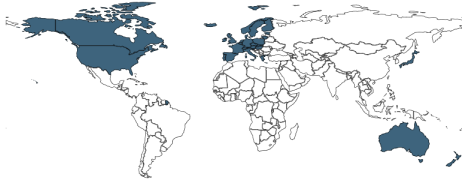
Min. Year:2016 Max. Year: 2016  
N: 31



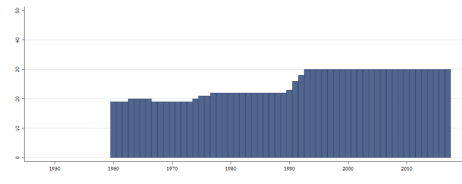
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1467  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.29 cpds\_va Share of votes: agrarian

Share of votes of the political parties classified as agrarian.



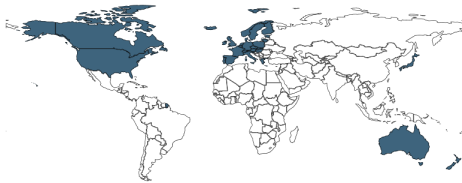
Min. Year:2016 Max. Year: 2016  
N: 31



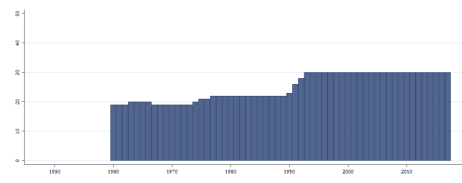
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.30 cpds\_vall Share of votes: electoral alliance

Share of votes of the political parties classified as electoral alliance.



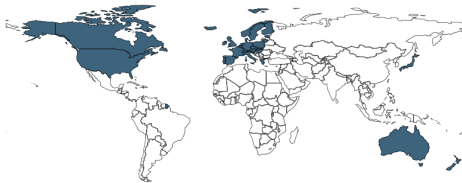
Min. Year:2016 Max. Year: 2016  
N: 31



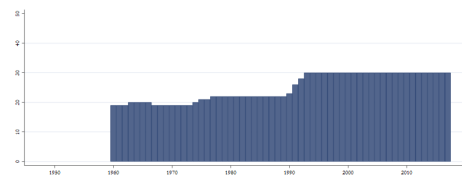
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.31 cpds\_vcom Share of votes: communist

Share of votes of the political parties classified as communist.



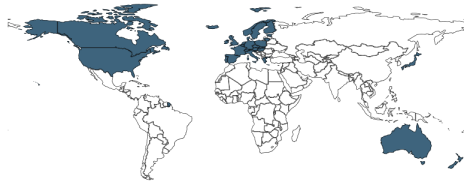
Min. Year:2016 Max. Year: 2016  
N: 31



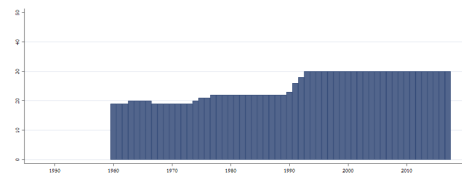
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.32 cpds\_vcon Share of votes: conservative

Share of votes of the political parties classified as conservative.



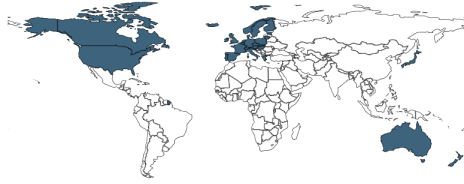
Min. Year:2016 Max. Year: 2016  
N: 31



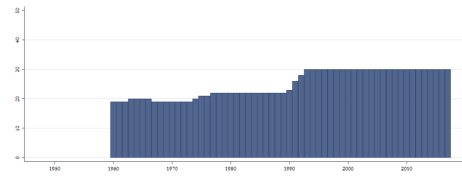
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.33 cpds\_ve Share of votes: ethnic

Share of votes of the political parties classified as ethnic.



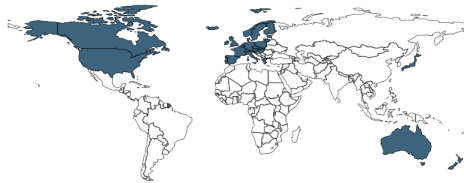
Min. Year:2016 Max. Year: 2016  
N: 31



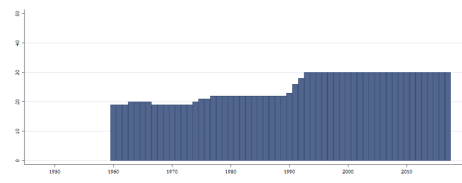
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.34 cpds\_vfe Share of votes: feminist

Share of votes of the political parties classified as feminist.



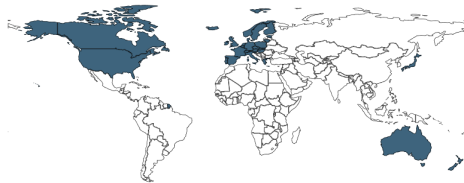
Min. Year:2016 Max. Year: 2016  
N: 31



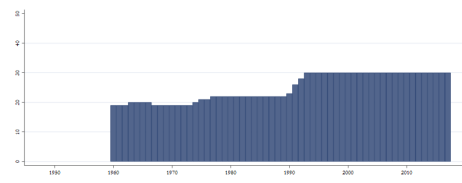
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.35 cpds\_vg Share of votes: green

Share of votes of the political parties classified as green.



Min. Year:2016 Max. Year: 2016  
N: 31

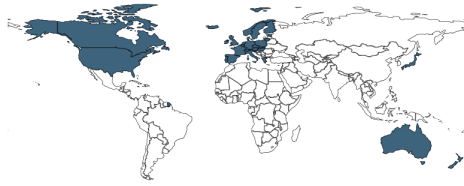


Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

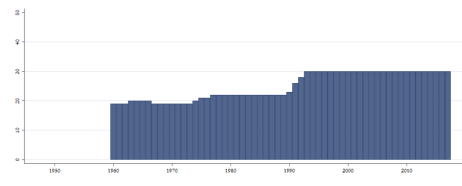
#### 4.18.36 cpds\_vl Share of votes: liberal

Share of votes of the political parties classified as liberal.





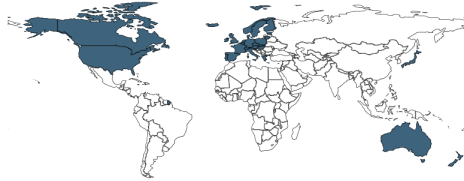
Min. Year:2016 Max. Year: 2016  
N: 31



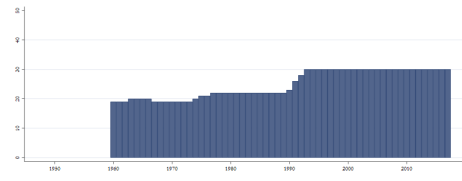
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.37 cpds\_vls Share of votes: left-socialist

Share of votes of the political parties classified as left-socialist.



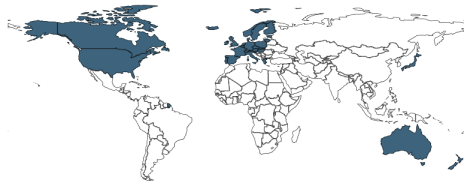
Min. Year:2016 Max. Year: 2016  
N: 31



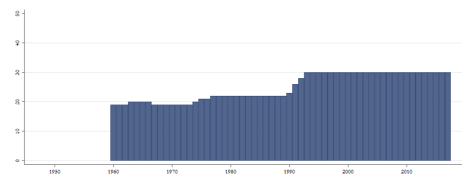
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.38 cpds\_vmo Share of votes: monarchist

Share of votes of the political parties classified as monarchist.



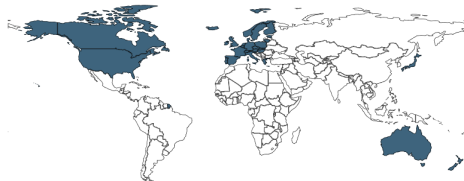
Min. Year:2016 Max. Year: 2016  
N: 31



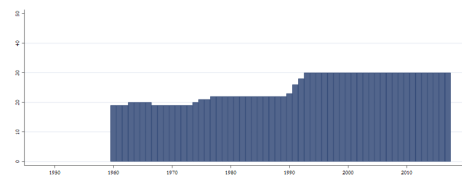
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.39 cpds\_vnl Share of votes: non-labelled

Share of votes of the political parties classified as non-labelled.



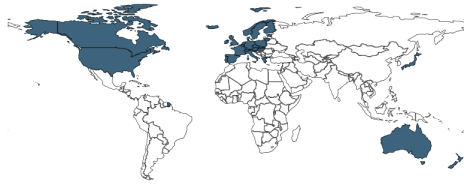
Min. Year:2016 Max. Year: 2016  
N: 31



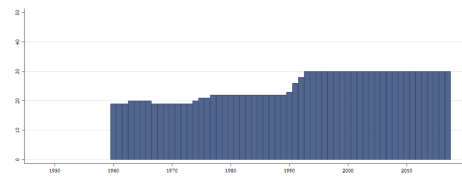
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.40 cpds\_vo Share of votes: other

Share of votes of the political parties classified as other.



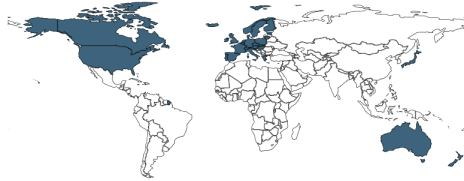
Min. Year:2016 Max. Year: 2016  
N: 31



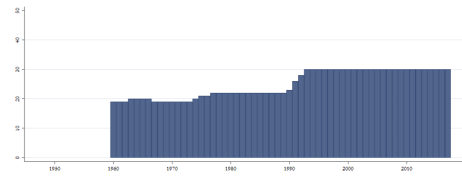
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.41 cpds\_vp Share of votes: protest

Share of votes of the political parties classified as protest.



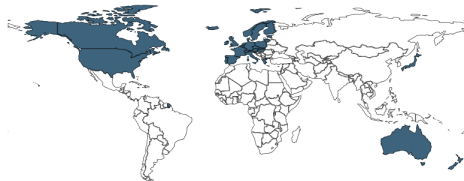
Min. Year:2016 Max. Year: 2016  
N: 31



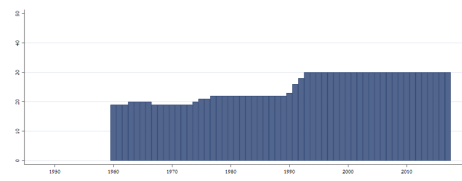
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.42 cpds\_vpcom Share of votes: post-communist

Share of votes of the political parties classified as post-communist.



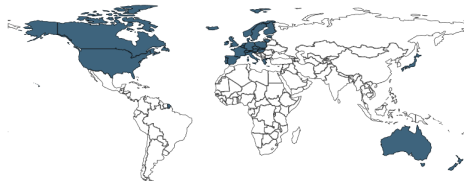
Min. Year:2016 Max. Year: 2016  
N: 31



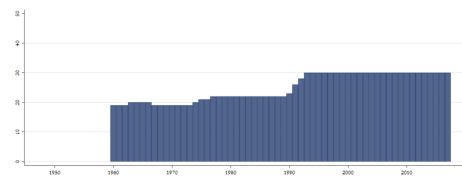
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.43 cpds\_vpen Share of votes: pensioners

Share of votes of the political parties classified as pensioners.



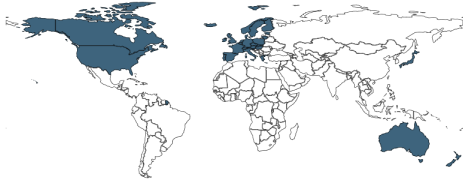
Min. Year:2016 Max. Year: 2016  
N: 31



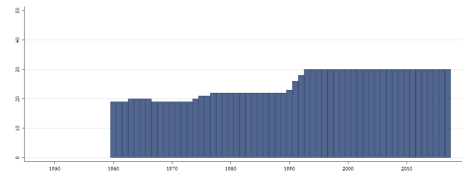
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.44 cpds\_vper Share of votes: personalist

Share of votes of the political parties classified as personalist.



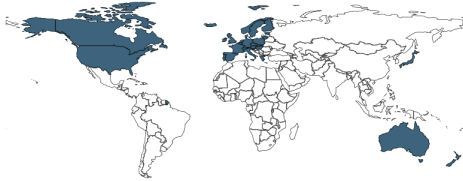
Min. Year:2016 Max. Year: 2016  
N: 31



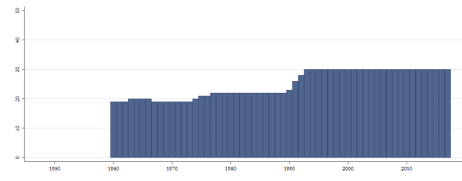
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.45 cpds\_vr Share of votes: right

Share of votes of the political parties classified as right.



Min. Year:2016 Max. Year: 2016  
N: 31



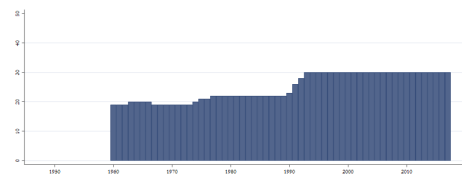
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.46 cpds\_vreg Share of votes: regionalist

Share of votes of the political parties classified as regionalist.



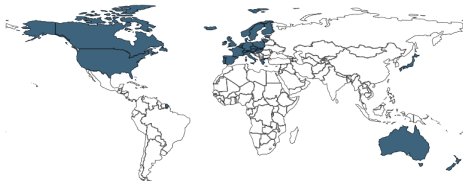
Min. Year:2016 Max. Year: 2016  
N: 31



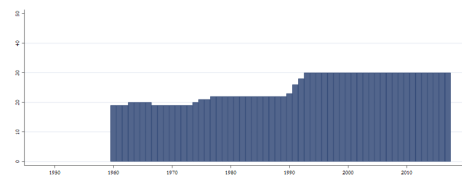
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.47 cpds\_vrel Share of votes: religious

Share of votes of the political parties classified as religious.



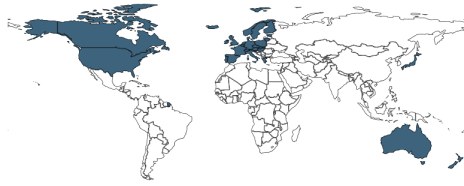
Min. Year:2016 Max. Year: 2016  
N: 31



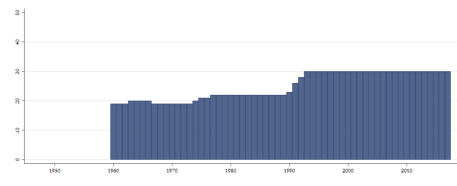
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.48 cpds\_vs Share of votes: social democratic

Share of votes of the political parties classified as social democratic.



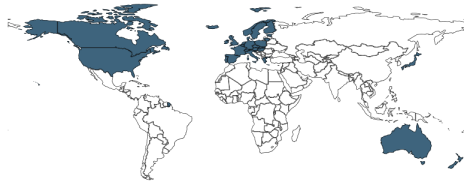
Min. Year:2016 Max. Year: 2016  
N: 31



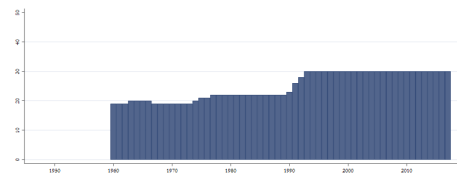
Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

#### 4.18.49 cpds\_vt Voter turnout in election

Voter turnout in election.



Min. Year:2016 Max. Year: 2016  
N: 31



Min. Year:1960 Max. Year: 2017  
N: 31 n: 1470  $\bar{N}$ : 25  $\bar{T}$ : 47

### 4.19 Center of Systemic Peace

<http://www.systemicpeace.org/inscrdata.html>

(Marshall & Elzinga-Marshall, 2017)

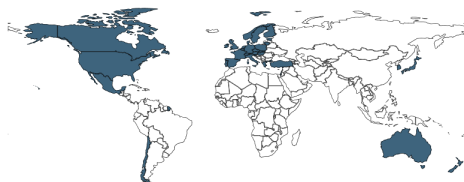
(Data downloaded: 2019-07-01)

#### State Fragility Index and Matrix

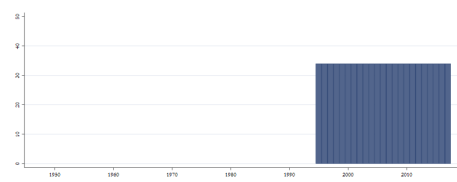
The State Fragility Index and Matrix provides annual state fragility, effectiveness, and legitimacy indices and the eight component indicators for the world's 167 countries with populations greater than 500,000 in 2017.

##### 4.19.1 cspf\_sfi State Fragility Index

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:2016 Max. Year: 2016  
N: 35



Min. Year:1995 Max. Year: 2017  
N: 35 n: 805  $\bar{N}$ : 35  $\bar{T}$ : 23

### 4.20 Andrew Williams

<https://andrewwilliamsecon.wordpress.com/datasets/>  
(Williams, 2015)

(Data downloaded: 2019-07-23)

### Dataset for Information and Accountability Transparency (2014)

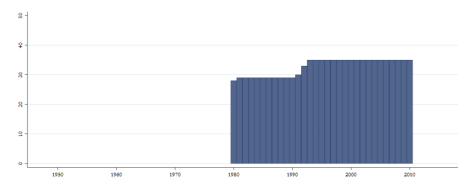
The article “A global index of information transparency and accountability” (Williams, 2014) uses a relatively new methodology, similar to Transparency International’s Corruption Perceptions Index, to construct composite indicators of Informational Transparency, and Accountability. These new indicators use data from 29 sources, with scores being derived annually between 1980 and 2010 across more than 190 countries.

#### 4.20.1 diat\_ati Accountability Transparency

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



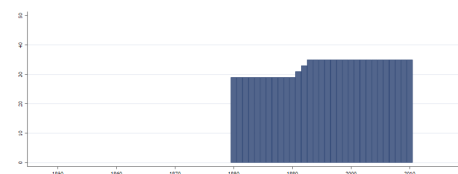
Min. Year:1980 Max. Year: 2010  
N: 36 n: 1030  $\bar{N}$ : 33  $\bar{T}$ : 29

#### 4.20.2 diat\_iti Information Transparency

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



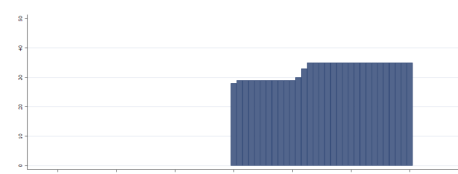
Min. Year:1980 Max. Year: 2010  
N: 36 n: 1032  $\bar{N}$ : 33  $\bar{T}$ : 29

#### 4.20.3 diat\_ti Transparency Index

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: 36 n: 1030  $\bar{N}$ : 33  $\bar{T}$ : 29

## 4.21 Global Footprint Network

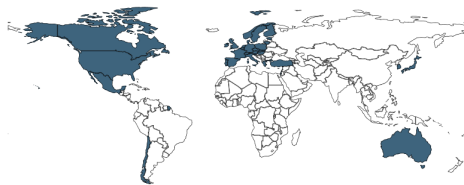
[http://www.footprintnetwork.org/en/index.php/GFN/page/footprint\\_data\\_and\\_results/](http://www.footprintnetwork.org/en/index.php/GFN/page/footprint_data_and_results/)  
(Global Footprint Network, 2018)  
(Data downloaded: 2019-11-11)

### Global Footprint Data

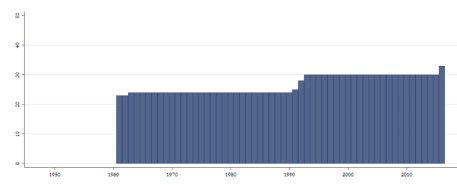
The National Footprint Accounts (NFAs) measure the ecological resource use and resource capacity of nations over time. Based on approximately 6,000 data points per country per year, the Accounts calculate the Footprints of 232 countries, territories, and regions from 1961 to the present, providing the 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.

#### 4.21.1 ef\_bul Built-up land footprint- Ecological Footprint of Consumption (GHA per person)

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.



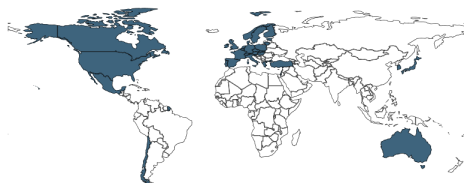
Min. Year:2013 Max. Year: 2016  
N: 34



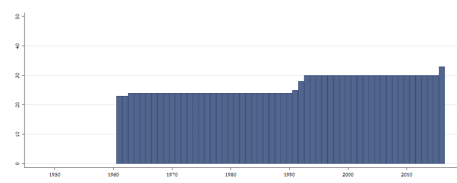
Min. Year:1961 Max. Year: 2016  
N: 34 n: 1519  $\bar{N}$ : 27  $\bar{T}$ : 45

#### 4.21.2 ef\_carb Carbon footprint - Ecological Footprint of Consumption (GHA per person)

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.



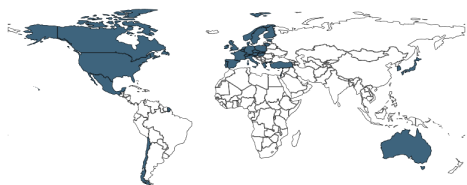
Min. Year:2013 Max. Year: 2016  
N: 34



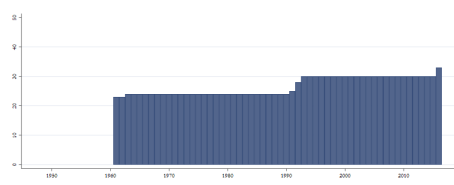
Min. Year:1961 Max. Year: 2016  
N: 34 n: 1519  $\bar{N}$ : 27  $\bar{T}$ : 45

#### 4.21.3 ef\_crop Cropland footprint - Ecological Footprint of Consumption (GHA per person)

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.



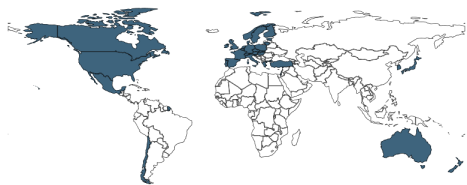
Min. Year:2014 Max. Year: 2016  
N: 34



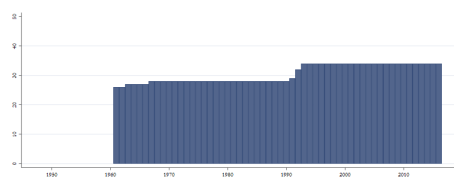
Min. Year:1961 Max. Year: 2016  
N: 34 n: 1519  $\bar{N}$ : 27  $\bar{T}$ : 45

#### 4.21.4 ef\_ef Total Ecological Footprint of Consumption (GHA per person)

Total - Ecological footprint in consumption. Measured in Global Hectares (GHA) per person.



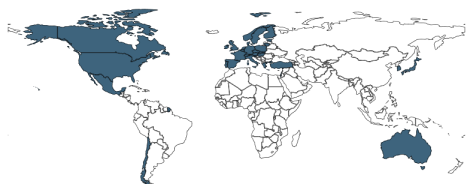
Min. Year:2013 Max. Year: 2016  
N: 35



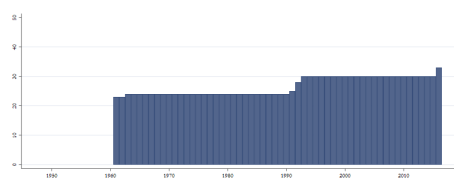
Min. Year:1961 Max. Year: 2016  
N: 35 n: 1734  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.21.5 ef\_fg Fish footprint - Ecological Footprint of Consumption (GHA per person)

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.



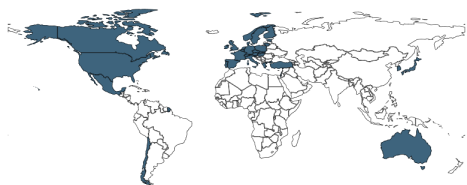
Min. Year:2013 Max. Year: 2016  
N: 34



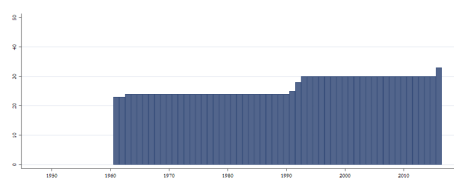
Min. Year:1961 Max. Year: 2016  
N: 34 n: 1519  $\bar{N}$ : 27  $\bar{T}$ : 45

#### 4.21.6 ef\_for Forest product footprint - Ecological Footprint of Consumption (GHA per person)

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.



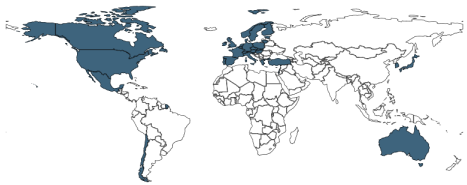
Min. Year:2013 Max. Year: 2016  
N: 34



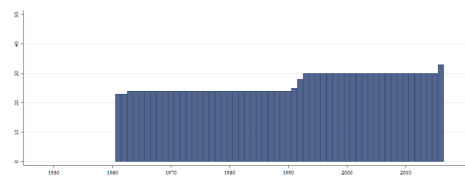
Min. Year:1961 Max. Year: 2016  
N: 34 n: 1519  $\bar{N}$ : 27  $\bar{T}$ : 45

**4.21.7 ef\_gl Grazing footprint - Ecological Footprint of Consumption (GHA per person)**

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: 34



Min. Year:1961 Max. Year: 2016  
N: 34 n: 1519  $\bar{N}$ : 27  $\bar{T}$ : 45

**4.22 UN Department of Economic and Social Affairs**

<https://publicadministration.un.org/egovkb/en-us/Overview>  
(Department of Economic and Social Affairs, 2018)  
(Data downloaded: 2019-11-13)

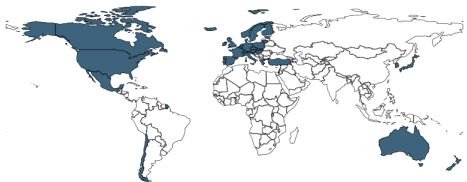
**UN E-Government Knowledgebase**

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.

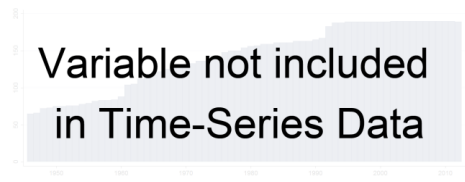
The EGDI is not designed to capture e-government development in an absolute sense; rather, it aims to give a performance rating of national governments relative to one another.

**4.22.1 egov\_egov E-Government Index**

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: 36

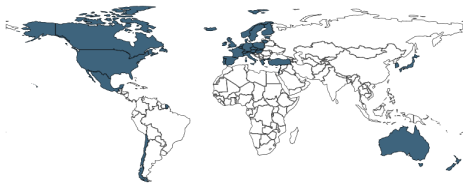


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

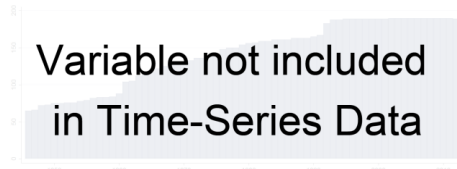


4.22.2 egov\_epar E-Participation Index

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.



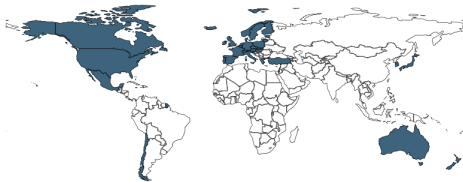
Min. Year:2017 Max. Year: 2017  
N: 36



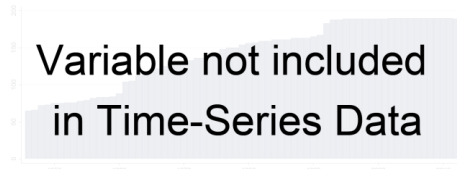
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

4.22.3 egov\_hci Human Capital Index

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.



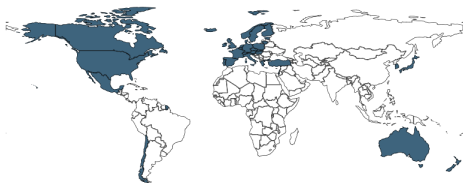
Min. Year:2017 Max. Year: 2017  
N: 36



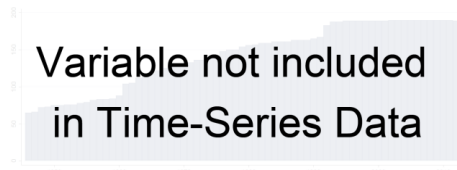
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

4.22.4 egov\_osi Online Service Index

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.



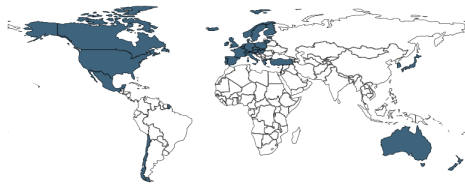
Min. Year:2017 Max. Year: 2017  
N: 36



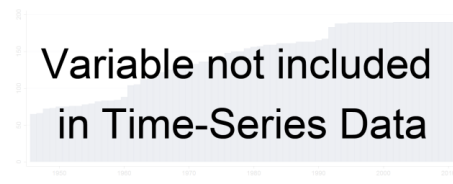
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

4.22.5 egov\_tii Telecommunication Infrastructure Index

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: 36



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

## 4.23 Encyclopaedia Metallum

<https://www.metal-archives.com/>  
(Encyclopaedia Metallum, 2017)  
(Data downloaded: 2018-10-13)

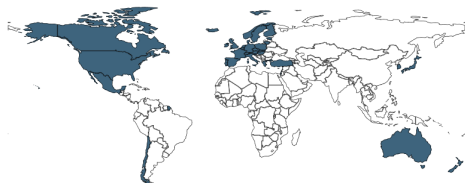
### The Metal Archives

The Encyclopedia Metallum (The Metal Archives) compiles information on the world's active metal bands per country and year.

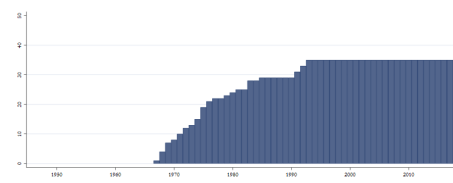
#### 4.23.1 em\_active Number of Active Metal Bands

Number of active metal bands.

Note: Bands from Åland has been recoded as Finland and bands from Svalbard has been recoded as Norway. Also, bands with a start date but missing end date are all considered to be active.



Min. Year: 2016 Max. Year: 2016  
N: 36



Min. Year: 1967 Max. Year: 2018  
N: 36 n: 1482  $\bar{N}$ : 29  $\bar{T}$ : 41

## 4.24 Ease of Doing Business Report

<http://www.doingbusiness.org/en/doingbusiness>  
(The World Bank Group, 2019)  
(Data downloaded: 21825)

### Ease of Doing Business - Historical Data

The Doing Business project provides objective measures of business regulations and their enforcement across 190 economies. This EOB 2019 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.

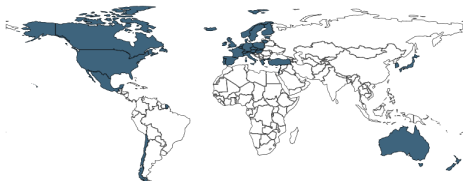
Both the best regulatory performance and the worst regulatory performance are established every five years based on the Doing Business data for the year in which they are established and remain at that level for the five years regardless of any changes in data in interim years. Thus, an economy may establish 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).

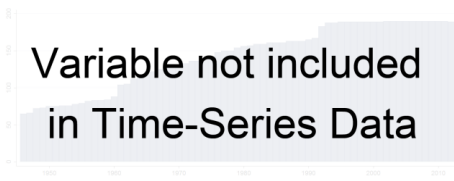
Due to the changes in methodologies, some variables are presented separately, given that they are not comparable given these said changes.

#### 4.24.1 eob\_bqci Building quality control index (0-15)(DB16-19 methodology)

The building Quality control index (0-15) (DB16-19 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.



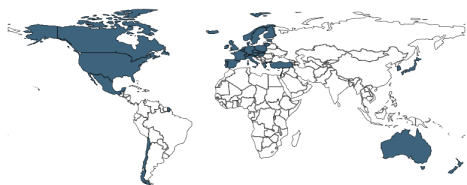
Min. Year: 2015 Max. Year: 2016  
N: 36



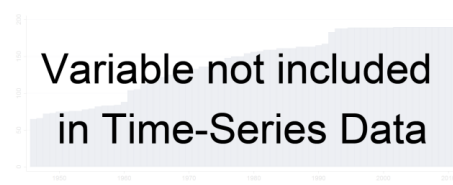
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.2 eob\_dcp06 Dealing with construction permits (DB06-15 methodology)

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.



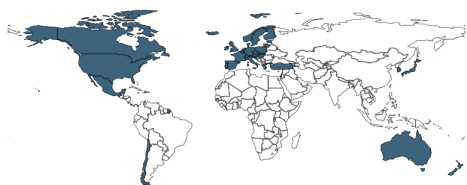
Min. Year: 2014 Max. Year: 2014  
N: 36



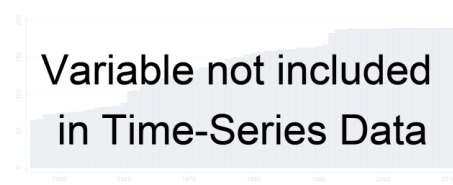
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.3 eob\_dcp16 Dealing with construction permits (DB16-19 methodology)

Score-Dealing with Construction Permits (DB16-19 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.



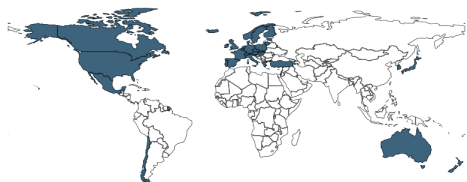
Min. Year: 2016 Max. Year: 2016  
N: 36



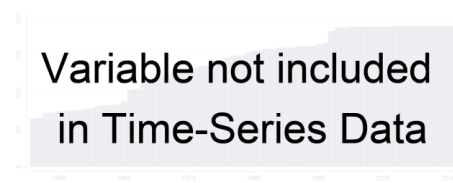
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.4 eob\_eapr Equal access to property rights index (-2-0)(DB17-19 methodology)

Equal access to property rights index (-2 - 0) (DB17-19 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.



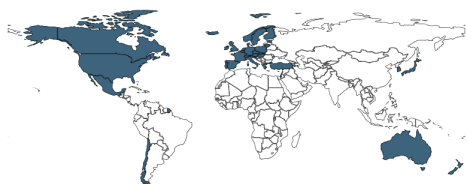
Min. Year: 2016 Max. Year: 2016  
N: 36



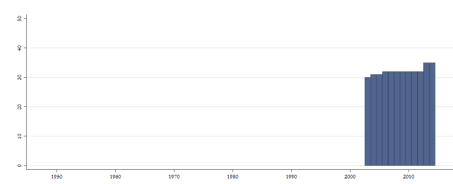
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.5 eob\_ec04 Enforcing contracts (DB04-15 methodology)

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.



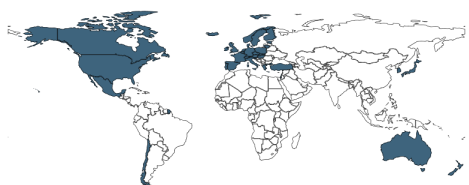
Min. Year: 2014 Max. Year: 2014  
N: 36



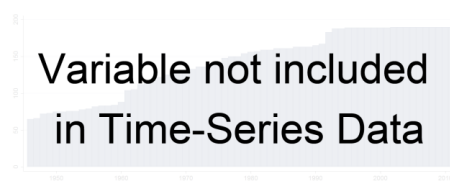
Min. Year: 2003 Max. Year: 2014  
N: 36 n: 398  $\bar{N}$ : 33  $\bar{T}$ : 11

#### 4.24.6 eob\_ec16 Enforcing contracts (DB16 methodology)

Score-Enforcing contracts (DB16 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 score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



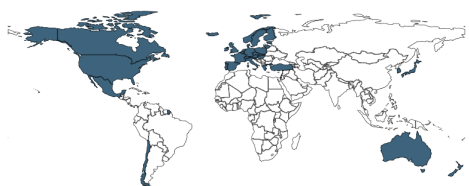
Min. Year: 2015 Max. Year: 2015  
N: 36



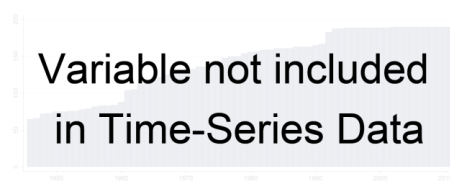
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.7 eob\_ec17 Enforcing contracts (DB17-19 methodology)

Score-Enforcing contracts (DB17-19 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.



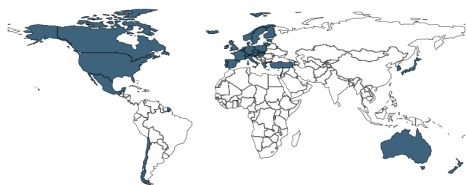
Min. Year: 2016 Max. Year: 2016  
N: 36



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

#### 4.24.8 eob\_eob15 Ease of doing business score global (DB15 methodology)

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 (DB15-19 methodology), Score-Protecting minority investors (DB15-19 methodology), Score-Paying taxes (DB06-16 methodology), Score-Trading across borders (DB06-15 methodology), Score-Enforcing contracts (DB04-15 methodology), Score-Resolving insolvency (DB15-19 methodology).



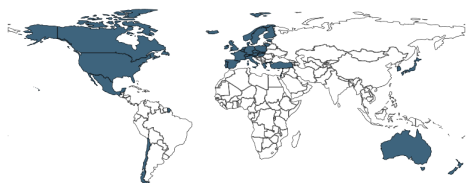
Min. Year: 2013 Max. Year: 2013  
N: 36

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

#### 4.24.9 eob\_eob16 Ease of doing business score global (DB16 methodology)

Ease of doing business score (DB16 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 (DB16 methodology), the specific topic scores used are: Score-Starting a business, Score-Dealing with construction permits (DB16-19 methodology), Score-Getting electricity (DB16-19 methodology), Score-Registering property (DB16 methodology), Score-Getting credit (DB15-19 methodology), Score-Protecting minority investors (DB15-19 methodology), Score-Paying taxes (DB06-16 methodology), Score-Trading across borders (DB16-19 methodology), Score-Enforcing contracts (DB16 methodology), Score-Resolving insolvency (DB15-19 methodology).



Min. Year: 2014 Max. Year: 2014  
N: 36

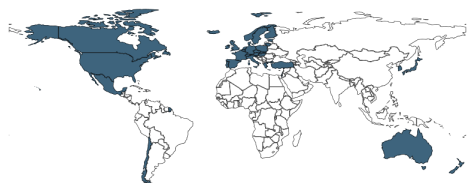
Variable not included  
in Time-Series Data

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

#### 4.24.10 eob\_eob17 Ease of doing business score global (DB17-19 methodology)

Ease of doing business score (DB17-19 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 (DB17-19 methodology), the specific topic scores used are: Score-Starting a business, Score-Dealing

with construction permits (DB16-19 methodology), Score-Getting electricity (DB16-19 methodology), Score-Registering property (DB17-19 methodology), Score-Getting credit (DB15-19 methodology), Score-Protecting minority investors (DB15-19 methodology), Score-Paying taxes (DB17-19 methodology), Score-Trading across borders (DB16-19 methodology), Score-Enforcing contracts (DB17-19 methodology), Score-Resolving insolvency (DB15-19 methodology).



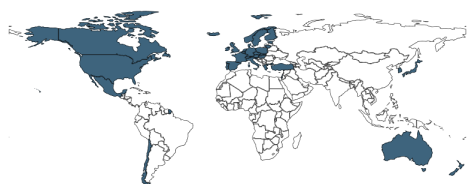
Min. Year: 2016 Max. Year: 2016  
N: 36

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

#### 4.24.11 eob\_gc05 Getting credit (DB05-14 methodology)

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.



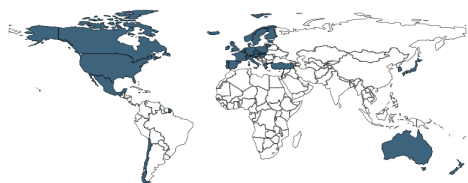
Min. Year: 2013 Max. Year: 2013  
N: 36

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

#### 4.24.12 eob\_gc15 Getting credit (DB15-19 methodology)

Score-Getting credit (DB15-19 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.



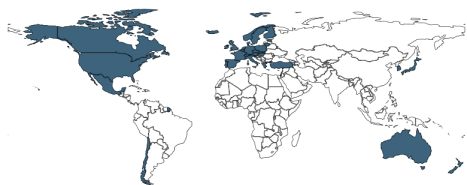
Min. Year: 2016 Max. Year: 2016  
N: 36

Variable not included  
in Time-Series Data

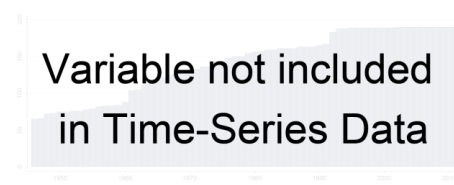
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.13 eob\_ge10 Getting electricity (DB10-15 methodology)

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 is 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.



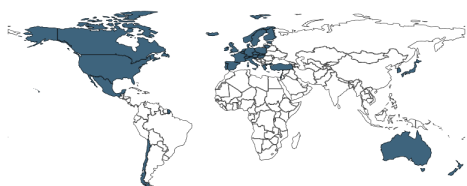
Min. Year: 2014 Max. Year: 2014  
N: 36



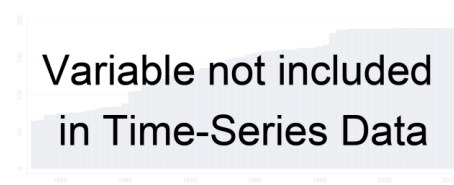
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.14 eob\_ge16 Getting electricity (DB16-19 methodology)

Score-Getting electricity (DB16-19 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.



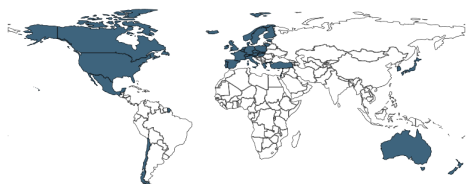
Min. Year: 2016 Max. Year: 2016  
N: 36



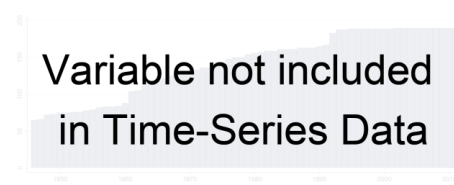
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.15 eob\_ldri Land dispute resolution index (0-8) (DB16-19 methodology)

Land dispute resolution index (0-8) (DB16-19 methodology) measures the accessibility of conflict resolution mechanisms and the extent of liability for entities or agents recording land transactions.



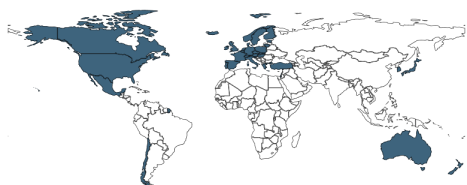
Min. Year: 2016 Max. Year: 2016  
N: 36



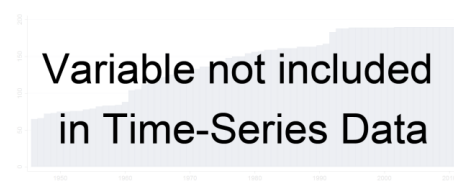
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.16 eob\_pmi06 Protecting minority investors (DB06-14 methodology)

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.



Min. Year: 2013 Max. Year: 2013  
N: 36

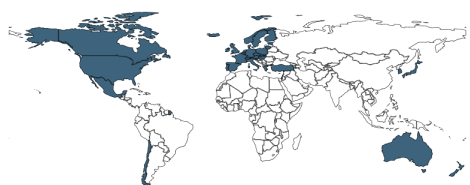


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

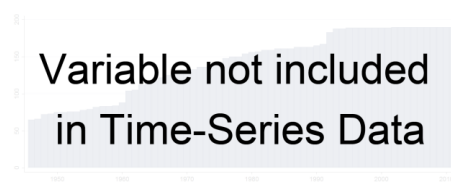


#### 4.24.17 eob\_pmi15 Protecting minority investors (DB15-19 methodology)

Score-Protecting minority investors (DB15-19 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) (DB15-19 methodology) and Extent of shareholder governance index (0-10) (DB15-19 methodology). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



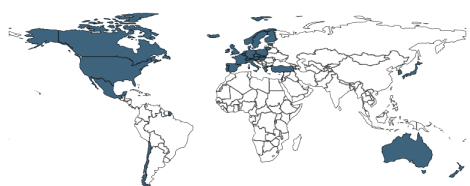
Min. Year:2016 Max. Year: 2016  
N: 36



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

#### 4.24.18 eob\_pt06 Paying taxes(DB06-16 methodology)

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.



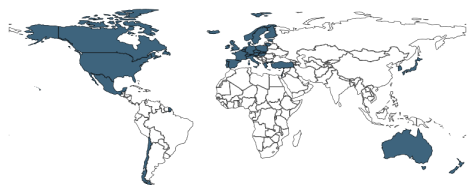
Min. Year:2015 Max. Year: 2015  
N: 36



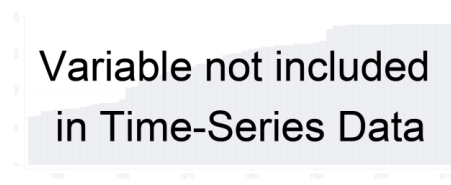
Min. Year:2005 Max. Year: 2015  
N: 36 n: 371  $\bar{N}$ : 34  $\bar{T}$ : 10

#### 4.24.19 eob\_pt17 Paying taxes(DB17-19 methodology)

Score-Paying taxes (DB17-19 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) (DB17-19 methodology). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



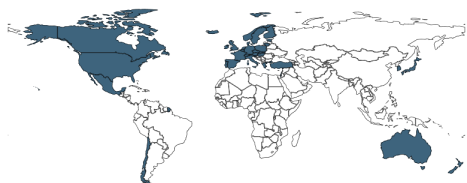
Min. Year:2016 Max. Year: 2016  
N: 36



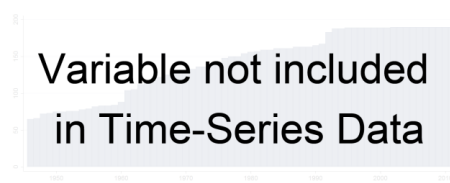
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.20 eob\_qla Quality of land administration index (0-30) (DB17-19 methodology)

Quality of land administration index (0-30) (DB17-19 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)



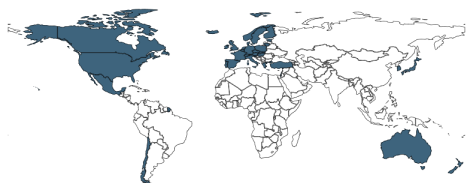
Min. Year: 2016 Max. Year: 2016  
N: 36



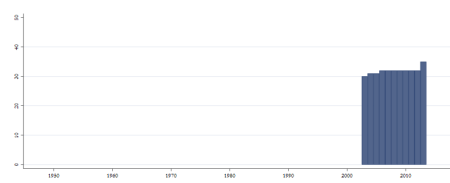
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.21 eob\_ri04 Resolving insolvency (DB04-14 methodology)

Score-Resolving insolvency (DB15-19 methodology) measures the gap between an economy's performance and the regulatory best practice on the Resolving Insolvency indicator components. It is calculated based on score for the Recovery Rate (cents on the dollar). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



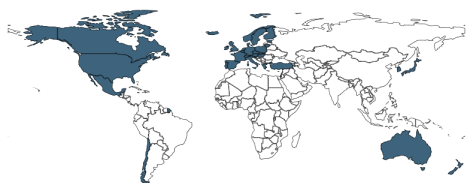
Min. Year: 2013 Max. Year: 2013  
N: 36



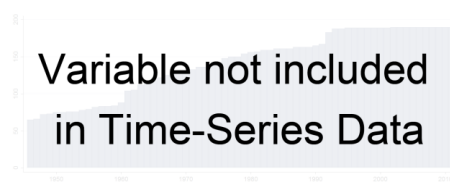
Min. Year: 2003 Max. Year: 2013  
N: 36 n: 362  $\bar{N}$ : 33  $\bar{T}$ : 10

#### 4.24.22 eob\_ri15 Resolving insolvency (DB15-19 methodology)

Score-Resolving insolvency (DB15-19 methodology) 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.



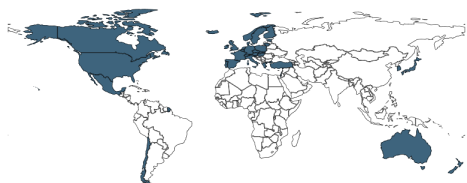
Min. Year: 2016 Max. Year: 2016  
N: 36



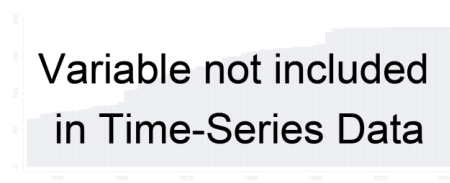
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.23 eob\_roest Reliability of supply and transparency of tariff index (0-8)(DB16-19 methodology)

Reliability of supply and transparency of tariff index (0-8) (DB16-19 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.



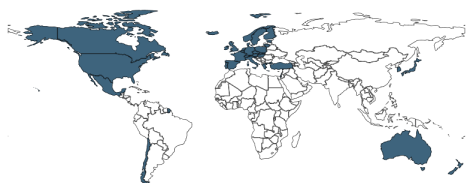
Min. Year: 2014 Max. Year: 2016  
N: 36



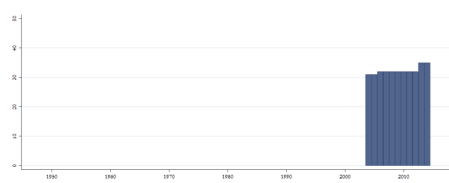
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.24 eob\_rp05 Registering property (DB05-15 methodology)

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.



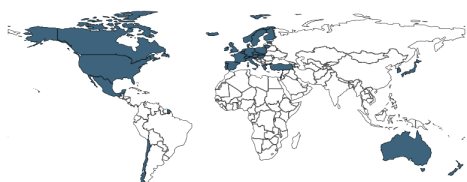
Min. Year: 2014 Max. Year: 2014  
N: 36



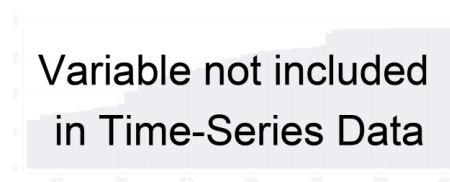
Min. Year: 2004 Max. Year: 2014  
N: 36 n: 367  $\bar{N}$ : 33  $\bar{T}$ : 10

#### 4.24.25 eob\_rp16 Registering property (DB16 methodology)

Score-Registering Property (DB16 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 of land administration index (0-30) (DB16 methodology). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



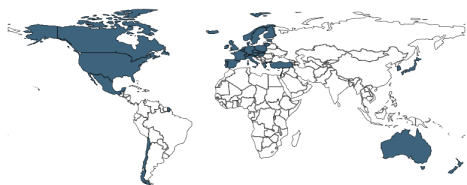
Min. Year: 2015 Max. Year: 2015  
N: 36



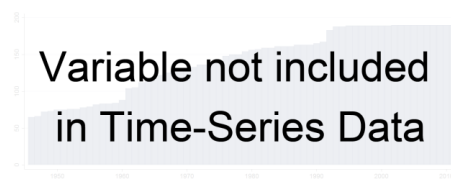
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.26 eob\_rp17 Registering property (DB17-19 methodology)

Score-Registering Property (DB17-19 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) (DB17-19 methodology). The score ranges from 0 to 100, where 0 represents the worst regulatory performance and 100 the best regulatory performance.



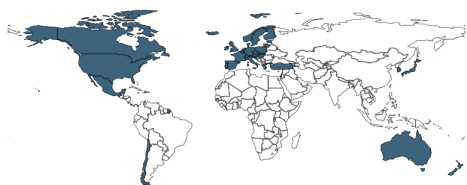
Min. Year: 2016 Max. Year: 2016  
N: 36



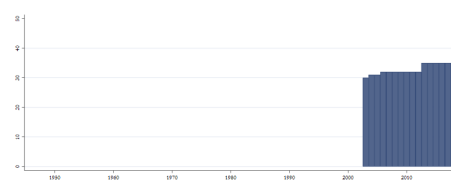
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.24.27 eob\_sab Starting a business

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.



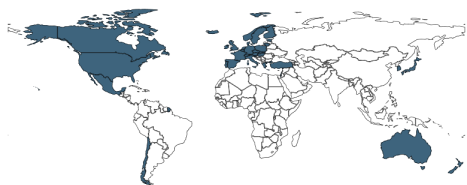
Min. Year: 2016 Max. Year: 2016  
N: 36



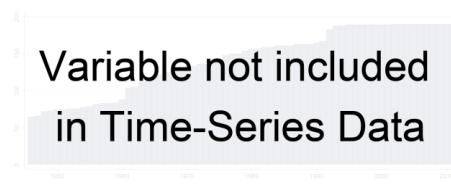
Min. Year: 2003 Max. Year: 2018  
N: 36 n: 542  $\bar{N}$ : 34  $\bar{T}$ : 15

#### 4.24.28 eob\_tab06 Trading across borders(DB06-15 methodology)

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: 36

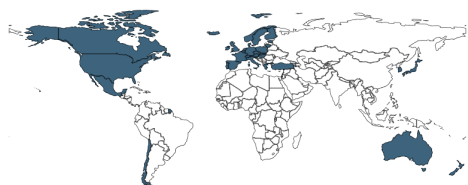


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

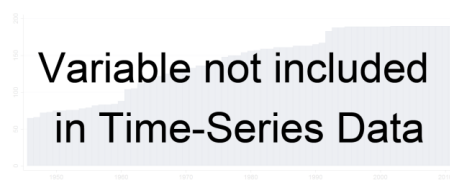
#### 4.24.29 eob\_tab16 Trading across borders(DB16-19 methodology)

Score-Trading across Borders (DB16-19 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: 2016 Max. Year: 2016  
N: 36



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

## 4.25 Environmental Performance Index

<https://epi.envirocenter.yale.edu/epi-downloads>

(Wendling et al., 2018)

(Data downloaded: 2019-11-20)

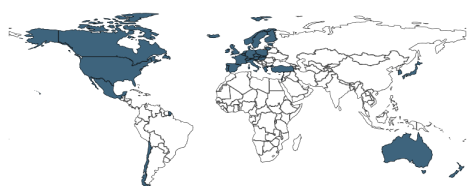
### Environmental Performance Index Data 2018 (Current values)

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 countries 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 24 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.

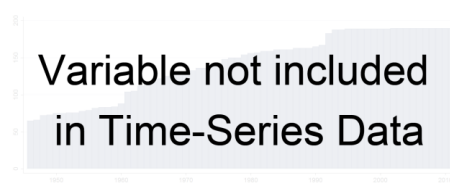
Note: In many cases the EPI variables lack actual observations and rely on imputation. Please refer to the original documentation on more information about this. Also, some values (usually the value 0) are very unlikely, please use your judgement whether to treat these as the value 0 or as “Data missing”.

#### 4.25.1 epi\_agr Agriculture (0-100)

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: 2018 Max. Year: 2018  
N: 36

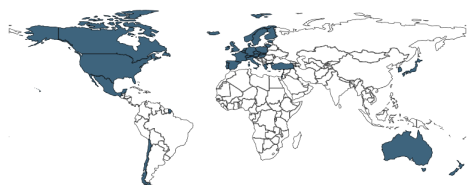


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

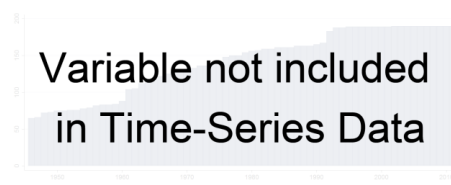
#### 4.25.2 epi\_air Air Quality (0-100)

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.



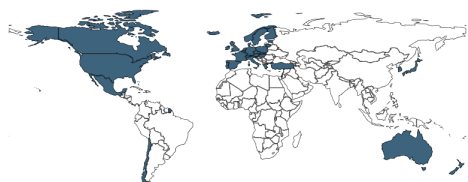
Min. Year: 2018 Max. Year: 2018  
N: 36



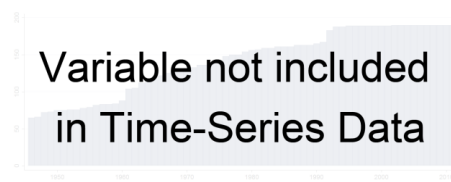
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.25.3 epi\_ape Air Pollution (0-100)

Air Pollution. The two indicators used for air pollution are NOX and SO2 emission intensity. The 2018 EPI uses data from the Emissions Database for Global Atmospheric Research (EDGAR) v4.3.1 global anthropogenic emissions inventory of gaseous and particulate air pollutants.



Min. Year: 2018 Max. Year: 2018  
N: 36

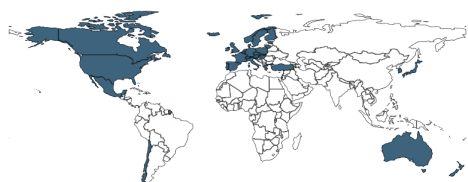


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

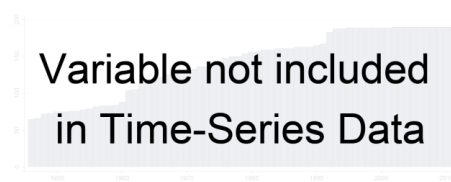
#### 4.25.4 epi\_bdh Biodiversity and Habitat (0-100)

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.



Min. Year: 2018 Max. Year: 2018  
N: 36



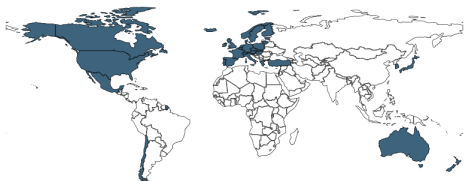
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.25.5 epi\_cce Climate and Energy (0-100)

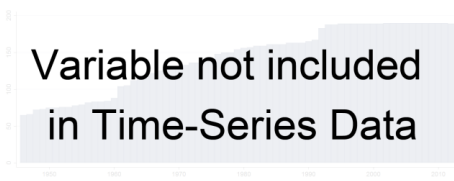
Climate & Energy issue category uses five indicators to track a country's progress in reducing three critical greenhouse gases and one climate pollutant. In adding non-CO2 indicators to the 2018 EPI, EPI researchers have broadened the gauge of national climate change performance. EPI researchers

leverage new emissions inventories to construct a series of metrics intended to yield a more comprehensive assessment of a country's overall performance. EPI researchers measure each country's Climate & Energy score across the following five indicators:

- 1 Carbon dioxide emission intensity (total). This CO2 metric tracks trends on carbon intensity from the entire economy, in tonnes of CO2 emissions per unit of GDP
- 2 Carbon dioxide emission intensity (power). This CO2 metric tracks trends on carbon intensity from the power sector, in tonnes of CO2 emissions per unit of kWh of electricity and heat.
- 3 Methane emission intensity. Tracks trends in national emissions intensities of methane gas, reported in tonnes of CO2-equivalent per unit of GDP.
- 4 Nitrous oxide emission intensity. Tracks trends in national emissions intensities of nitrous oxide emissions, reported in tonnes of CO2-equivalent per unit of GDP.
- 5 Black carbon emission intensity. Tracks trends in national emissions intensities of black carbon emissions, reported in Gg of black carbon per unit of GDP.



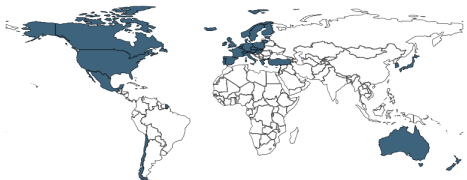
Min. Year:2018 Max. Year: 2018  
N: 36



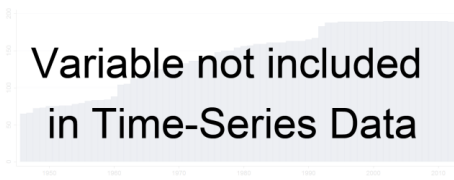
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

4.25.6 epi\_eh Environmental Health (0-100)

Environmental Health measures threats to human health. EPI researchers assigned weights based on the distribution of global disability-adjusted life-years (DALYs) lost to the environmental health risks in the 2018 EPI (see Blanc, Friot, Margni, & Jolliet, 2008). This results in the index being composed of Air Quality (26%), Water and Sanitation (12%) and Heavy Metals (2%).



Min. Year:2018 Max. Year: 2018  
N: 36

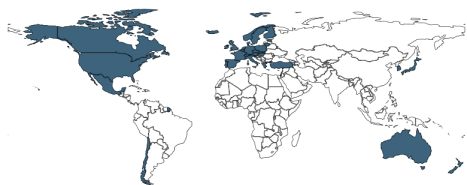


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

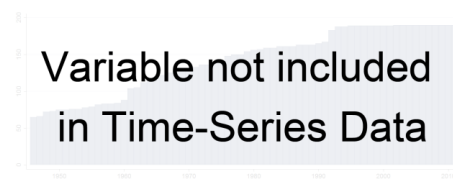
4.25.7 epi\_epi Environmental Performance Index (0-100)

The 2018 Environmental Performance Index (EPI) scores 180 countries on 24 performance indicators across ten issue categories covering environmental health and ecosystem vitality. The 2018 EPI represents a composite index. The EPI researchers begin by gathering data on 24 individual metrics of environmental performance. These metrics are aggregated into a hierarchy beginning with ten issue categories: Air Quality, Water and Sanitation, Heavy Metals, Biodiversity and Habitat, Forests, Fisheries, Climate and Energy, Air Pollution, 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 24 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.



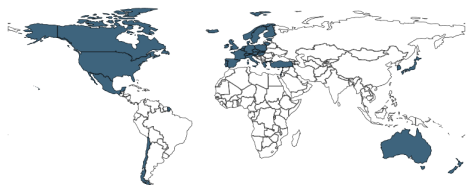
Min. Year: 2018 Max. Year: 2018  
N: 36



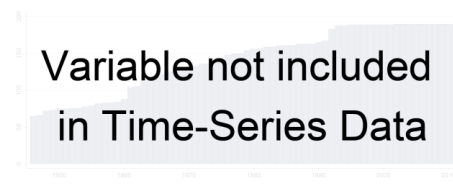
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.25.8 epi\_ev Ecosystem Vitality (0-100)

Ecosystem Vitality measures natural resources and ecosystem services. It derives its values from seven sub indicators; Biodiversity and Habitat (15%), Forests (6%), Fisheries (6%), Climate and Energy (18%), Air Pollution (6%), Water Resources (6%) and Agriculture (3%).



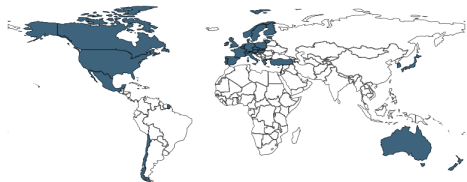
Min. Year: 2018 Max. Year: 2018  
N: 36



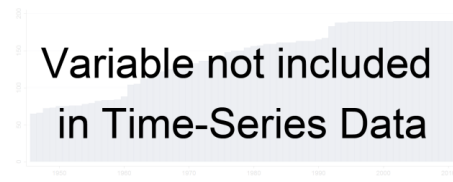
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.25.9 epi\_for Forests (0-100)

Forests. It includes the indicator Tree cover loss. It measures the total area of tree loss in areas with greater than 30% tree canopy cover divided by the forest cover in the year 2000. EPI researchers apply a five-year rolling average to better capture trends in forest management strategies.



Min. Year: 2018 Max. Year: 2018  
N: 35



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

#### 4.25.10 epi\_h2o Water and Sanitation (0-100)

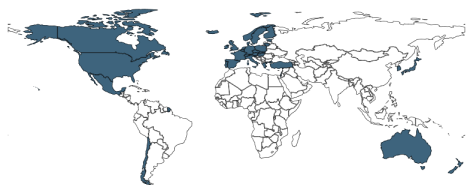
Water and Sanitation. This indicator includes:

1 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 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.





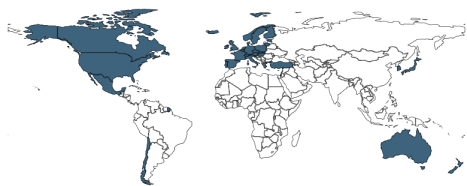
Min. Year:2018 Max. Year: 2018  
N: 36

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

#### 4.25.11 epi\_hmt Heavy Metals (0-100)

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.



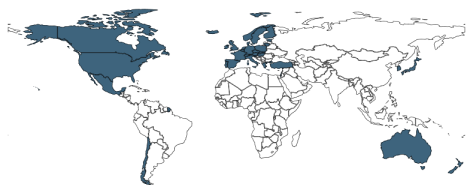
Min. Year:2018 Max. Year: 2018  
N: 36

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

#### 4.25.12 epi\_wrs Water Resources (0-100)

Water Resources. It includes the indicator Wastewater treatment. EPI researchers measure wastewater treatment as the percentage of wastewater that undergoes at least primary treatment in each country, normalized by the proportion of the population connected to a municipal wastewater collection system.



Min. Year:2018 Max. Year: 2018  
N: 36

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

### 4.26 Eurostat

<http://ec.europa.eu/eurostat/data/database>  
(European Commission, 2019)  
(Data downloaded: 2019-10-31)

#### 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.

#### 4.26.1 eu\_isiubk Internet use: internet banking

Internet use: internet banking as percentage of all individuals

Variable not included  
in Cross-Section Data

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



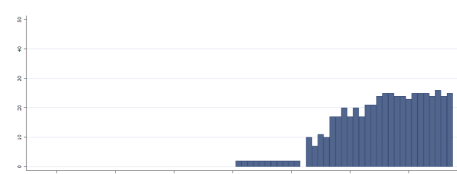
Min. Year:2003 Max. Year: 2018  
N: 31 n: 400  $\bar{N}$ : 25  $\bar{T}$ : 13

#### 4.26.2 eu\_resallt Researchers in all sectors % tot. employment - full-time (total)

Researchers in all sectors % tot. employment - full-time equivalent (total)

Variable not included  
in Cross-Section Data

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



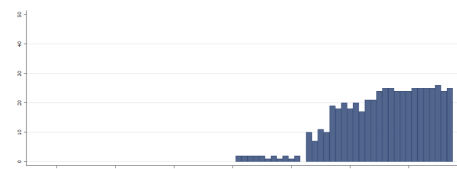
Min. Year:1981 Max. Year: 2017  
N: 30 n: 550  $\bar{N}$ : 15  $\bar{T}$ : 18

#### 4.26.3 eu\_resedut Researchers in Higher Education % tot. employment - full-time (total)

Researchers in Higher Education % tot. employment - full-time equivalent (total)

Variable not included  
in Cross-Section Data

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



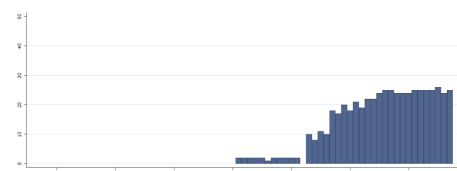
Min. Year:1981 Max. Year: 2017  
N: 30 n: 553  $\bar{N}$ : 15  $\bar{T}$ : 18

#### 4.26.4 eu\_resgovt Researchers in Government % tot. employment - full-time (total)

Researchers in Government % tot. employment - full-time equivalent (total)

Variable not included  
in Cross-Section Data

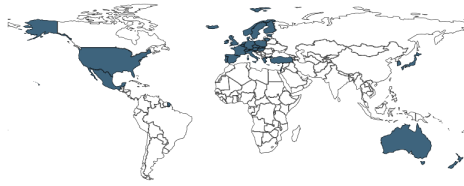
N: N/A Min. Year: N/A Max. Year: N/A



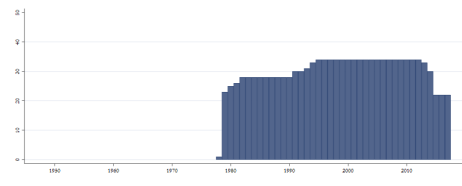
Min. Year:1981 Max. Year: 2017  
N: 30 n: 559  $\bar{N}$ : 15  $\bar{T}$ : 19

#### 4.26.5 eu\_sctrtotpmin Patent applications to the EPO, Per million inhabitants

Patent applications to the EPO, Per million inhabitants



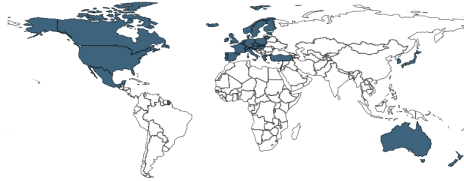
Min. Year:2013 Max. Year: 2016  
N: 34



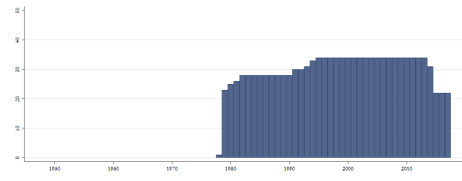
Min. Year:1978 Max. Year: 2017  
N: 35 n: 1214  $\bar{N}$ : 30  $\bar{T}$ : 35

#### 4.26.6 eu\_scttotn Patent applications to the EPO, number

Patent applications to the EPO, number



Min. Year:2013 Max. Year: 2016  
N: 35



Min. Year:1978 Max. Year: 2017  
N: 35 n: 1215  $\bar{N}$ : 30  $\bar{T}$ : 35

### 4.27 Food and Agricultural Organization of the United Nations (FAO)

<http://www.fao.org/faostat/en/#home>

(Food and Agricultural Organization of the United Nations, 2019) (Food and Agricultural Organization of the United Nations, 2016)

(Data downloaded: 2019-11-13)

#### Environmental Land Use Data

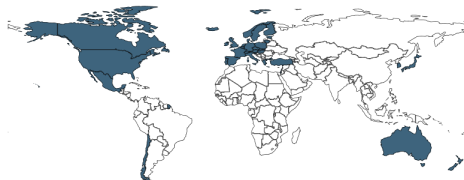
The FAOSTAT Land Use domain contains data on forty-seven categories of land use, irrigation and agricultural practices, relevant to monitor agriculture, forestry and fisheries activities at national, regional and global level.

Data are available by country and year, with global coverage and annual updates.

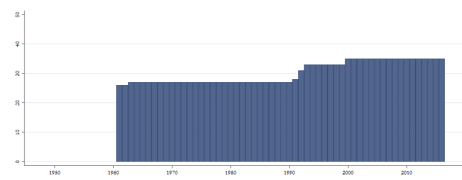
Note: Micronesia has been dropped due to duplicate cases.

#### 4.27.1 fao\_luagr Agricultural land (% of Land area)

Agricultural land (% of Land area)



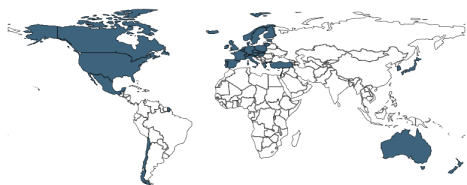
Min. Year:2016 Max. Year: 2016  
N: 36



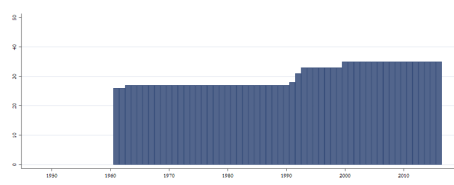
Min. Year:1961 Max. Year: 2016  
N: 36 n: 1718  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.27.2 fao\_luagrara Arable Land (% of Agricultural land)

Arable Land (% of Agricultural land)



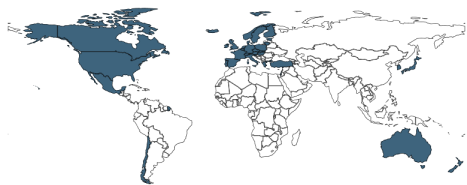
Min. Year:2016 Max. Year: 2016  
N: 36



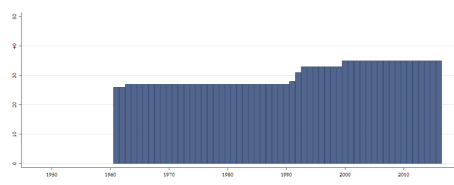
Min. Year:1961 Max. Year: 2016  
N: 36 n: 1718  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.27.3 fao\_luagrcrop Cropland (% of Agricultural land)

Cropland (% of Agricultural land)



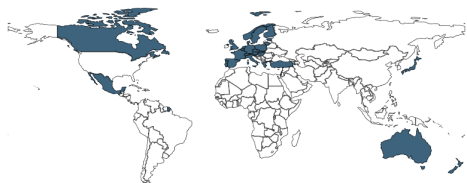
Min. Year:2016 Max. Year: 2016  
N: 36



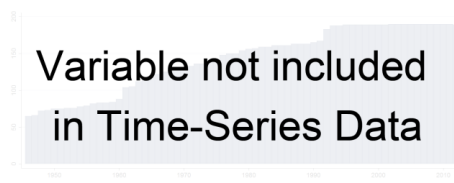
Min. Year:1961 Max. Year: 2016  
N: 36 n: 1718  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.27.4 fao\_luagrrrac Agriculture area actually irrigated (% of Agricultural land)

Agriculture area actually irrigated (% of Agricultural land)



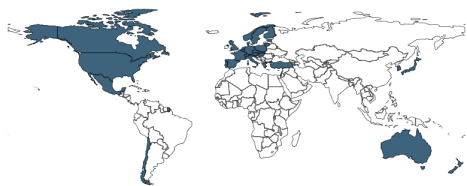
Min. Year:2013 Max. Year: 2016  
N: 30



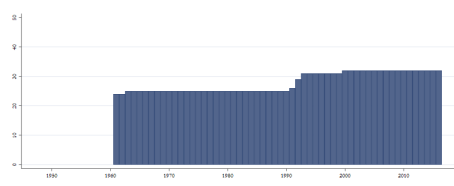
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.27.5 fao\_luagrrreq Land area equipped for irrigation (% of Agricultural land)

Land area equipped for irrigation (% of Agricultural land)



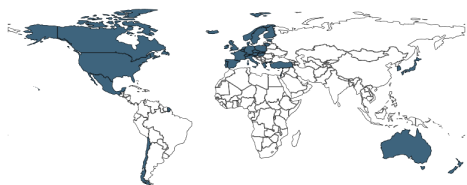
Min. Year:2016 Max. Year: 2016  
N: 33



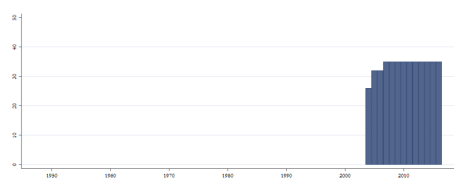
Min. Year:1961 Max. Year: 2016  
N: 33 n: 1589  $\bar{N}$ : 28  $\bar{T}$ : 48

#### 4.27.6 fao\_luagrorg Agriculture area under organic agric. (% of Agricultural land)

Agriculture area under organic agric. (% of Agricultural land)



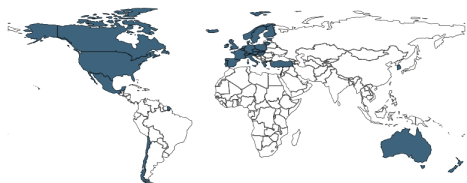
Min. Year:2013 Max. Year: 2016  
N: 36



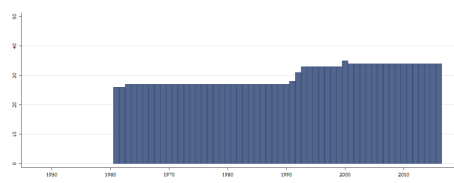
Min. Year:2004 Max. Year: 2016  
N: 36 n: 453  $\bar{N}$ : 35  $\bar{T}$ : 13

#### 4.27.7 fao\_luagrpas Land under perm meadows and pastures (% of Agricultural land)

Land under perm meadows and pastures (% of Agricultural land)



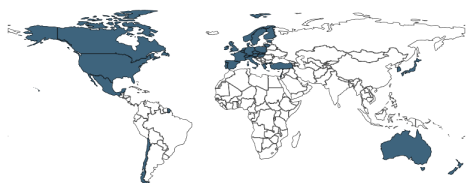
Min. Year:2016 Max. Year: 2016  
N: 35



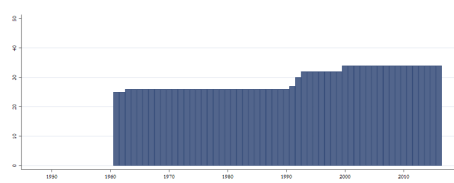
Min. Year:1961 Max. Year: 2016  
N: 36 n: 1702  $\bar{N}$ : 30  $\bar{T}$ : 47

#### 4.27.8 fao\_luagrpcrop Land under Permanent Crops (% of Agricultural land)

Land under Permanent Crops (% of Agricultural land)



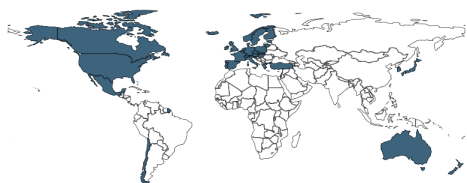
Min. Year:2016 Max. Year: 2016  
N: 35



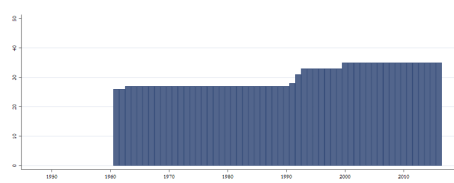
Min. Year:1961 Max. Year: 2016  
N: 35 n: 1662  $\bar{N}$ : 30  $\bar{T}$ : 47

#### 4.27.9 fao\_lucrop Cropland (% of Land area)

Cropland (% of Land area)



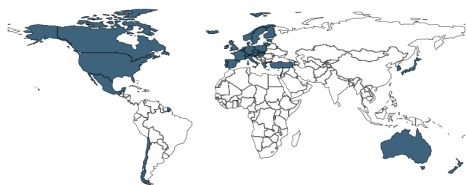
Min. Year:2016 Max. Year: 2016  
N: 36



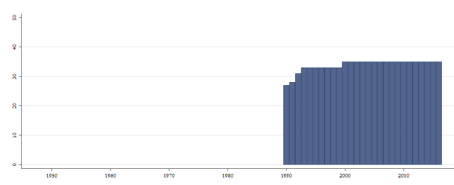
Min. Year:1961 Max. Year: 2016  
N: 36 n: 1718  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.27.10 fao\_luforest Forest land (% of Land area)

Forest land (% of Land area)



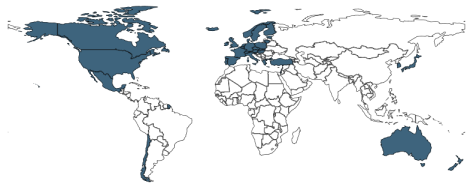
Min. Year:2016 Max. Year: 2016  
N: 36



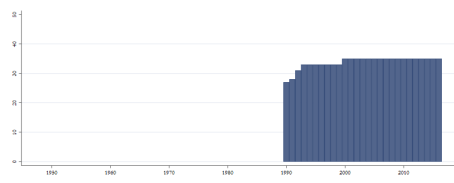
Min. Year:1990 Max. Year: 2016  
N: 36 n: 937  $\bar{N}$ : 35  $\bar{T}$ : 26

#### 4.27.11 fao\_luforplant Planted Forest (% of Forest area)

Planted Forest (% of Forest area)



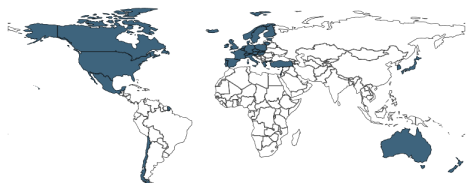
Min. Year:2016 Max. Year: 2016  
N: 36



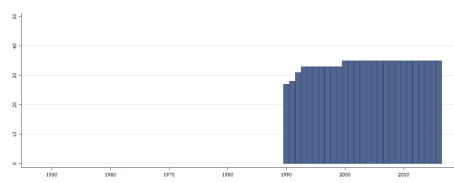
Min. Year:1990 Max. Year: 2016  
N: 36 n: 937  $\bar{N}$ : 35  $\bar{T}$ : 26

#### 4.27.12 fao\_luforprim Primary Forest (% of Forest area)

Primary Forest (% of Forest area)



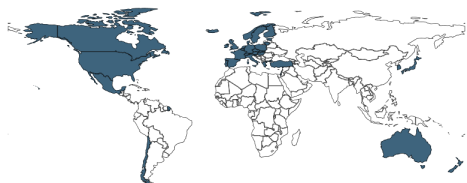
Min. Year:2016 Max. Year: 2016  
N: 36



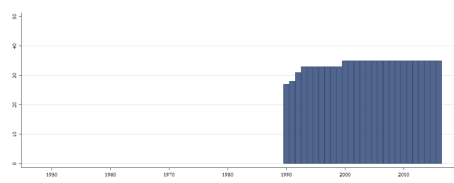
Min. Year:1990 Max. Year: 2016  
N: 36 n: 937  $\bar{N}$ : 35  $\bar{T}$ : 26

#### 4.27.13 fao\_luforreg Other naturally regenerated forest (% of Forest area)

Other naturally regenerated forest (% of Forest area)



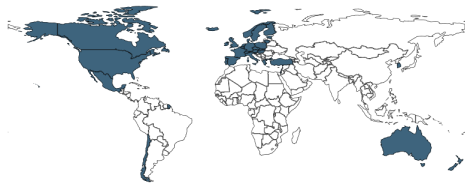
Min. Year:2016 Max. Year: 2016  
N: 36



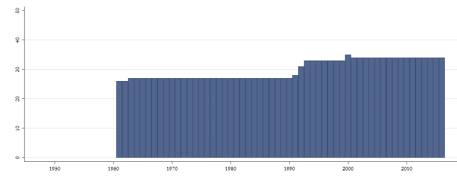
Min. Year:1990 Max. Year: 2016  
N: 36 n: 937  $\bar{N}$ : 35  $\bar{T}$ : 26

#### 4.27.14 fao\_lupas Land under perm meadows and pastures (% of Land area)

Land under perm meadows and pastures (% of Land area)



Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:1961 Max. Year: 2016  
N: 36 n: 1702  $\bar{N}$ : 30  $\bar{T}$ : 47

## 4.28 James D. Fearon

<https://web.stanford.edu/group/ethnic/publicdata/publicdata.html>

(Fearon, 2003)

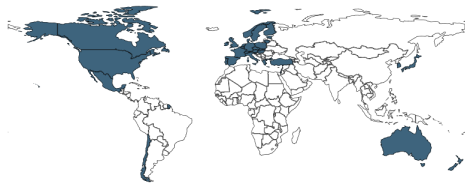
(Data downloaded: 2019-07-10)

### Ethnic and Cultural Diversity by Country

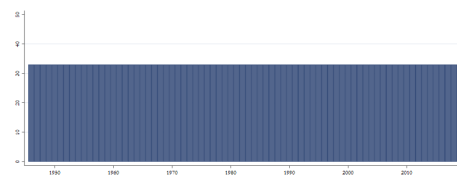
Used in the article Ethnic and Cultural Diversity by Country published in Journal of Economic Growth, containing data on 822 ethnic groups in 160 countries that made up at least 1 percent of the country population in the early 1990s.

#### 4.28.1 fe\_cultdiv Cultural Diversity

This measure modifies fractionalization (fe\_etfra) 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\_etfra). 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.



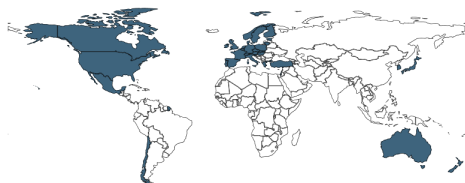
Min. Year:2016 Max. Year: 2016  
N: 34



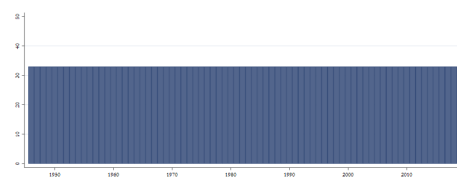
Min. Year:1946 Max. Year: 2019  
N: 34 n: 2516  $\bar{N}$ : 34  $\bar{T}$ : 74

#### 4.28.2 fe\_etfra Ethnic Fractionalization

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.



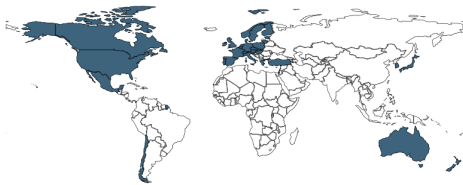
Min. Year:2016 Max. Year: 2016  
N: 34



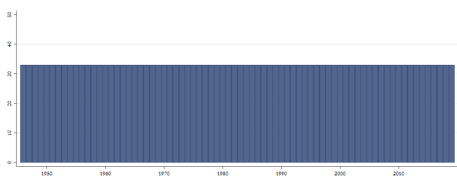
Min. Year:1946 Max. Year: 2019  
N: 34 n: 2516  $\bar{N}$ : 34  $\bar{T}$ : 74

4.28.3 fe\_plural Plurality Group

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:2016 Max. Year: 2016  
N: 34



Min. Year:1946 Max. Year: 2019  
N: 34 n: 2516  $\overline{N}$ : 34  $\overline{T}$ : 74

4.29 Fund for Peace

<http://ffp.statesindex.org/>  
(Haken et al., 2019)  
(Data downloaded: 2019-08-15)

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.

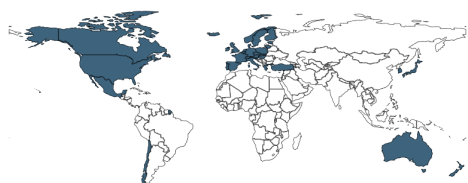
The scores produced by The Fund for Peace’s software are then compared with a comprehensive set of vital statistics - as well as human analysis - to ensure that the software has not misinterpreted the raw data. Though the basic data underpinning the Failed States Index is already freely and widely available electronically, the strength of the analysis is in the methodological rigor and the systematic integration of a wide range of data sources.



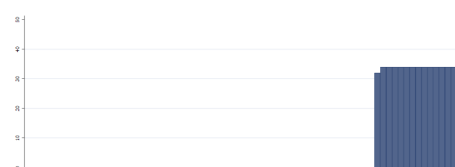
Note: the principal of data timing was changed. Data from reports correspond to the situation from the previous year. The 2016 Fragile States Index, comprises data collected between January 1, 2015, and December 31, 2015. Therefore data from Report 2016 is recorded for 2015 and the same logic works for all other years.

#### 4.29.1 ffp\_dp Demographic Pressure

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.



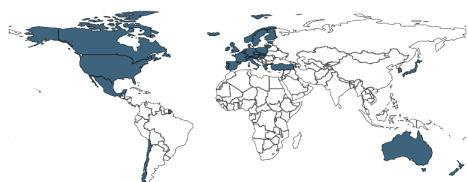
Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.2 ffp\_eco Economic Decline

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.



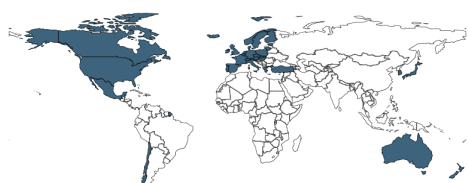
Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.3 ffp\_ext External Intervention

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.



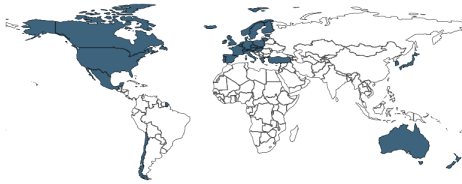
Min. Year:2016 Max. Year: 2016  
N: 35



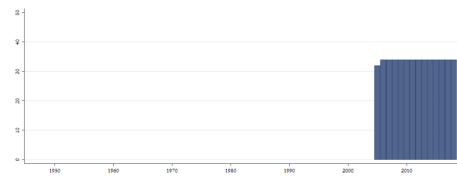
Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.4 ffp\_fe Factionalized Elites

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: 2016 Max. Year: 2016  
N: 35



Min. Year: 2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.5 ffp\_fsi Fragile States Index

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.

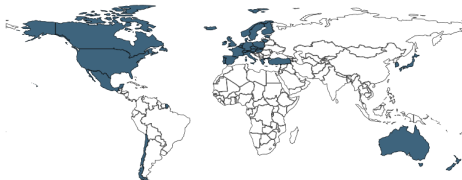
##### Economic Indicators

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: 2016 Max. Year: 2016  
N: 35

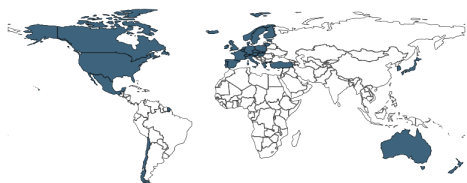


Min. Year: 2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.6 ffp\_gg Group Grievance

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.



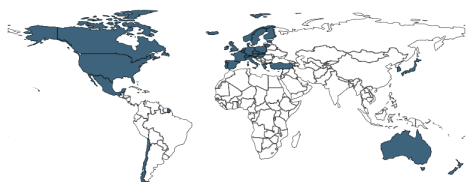
Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.7 ffp\_hf Human Flight and Brain Drain

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.



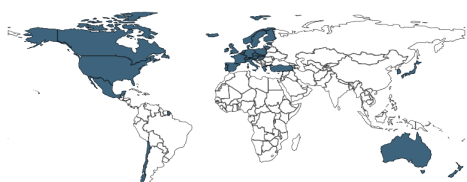
Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.8 ffp\_hr Human Rights and Rule of Law

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.



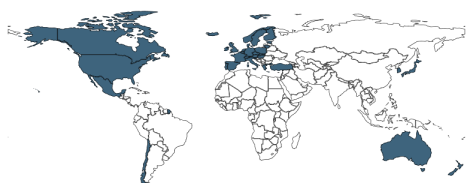
Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.9 ffp\_ps Public Services

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.



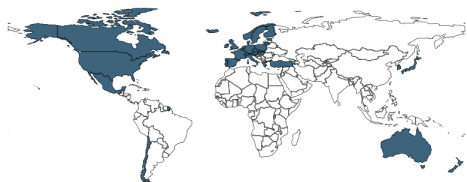
Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.10 ffp\_ref Refugees and IDPs

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.



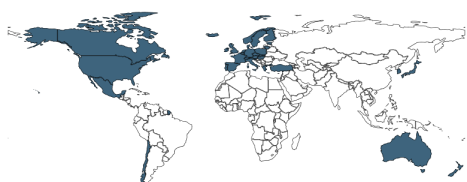
Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.11 ffp\_sec Security Apparatus

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.



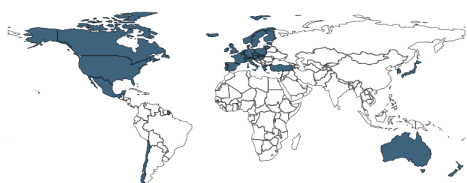
Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.12 ffp\_sl State Legitimacy

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.



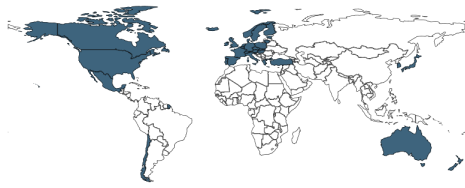
Min. Year:2016 Max. Year: 2016  
N: 35



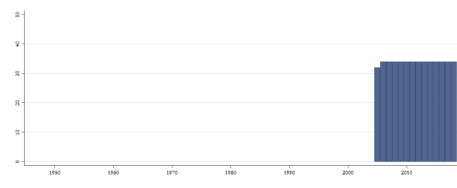
Min. Year:2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

#### 4.29.13 ffp\_ued Uneven Economic Development

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: 2016 Max. Year: 2016  
N: 35



Min. Year: 2005 Max. Year: 2018  
N: 35 n: 488  $\bar{N}$ : 35  $\bar{T}$ : 14

## 4.30 Freedom House

<https://freedomhouse.org/report-types/freedom-world>

(Freedom House, 2019)

(Data downloaded: 2019-06-18)

### Freedom in the World

Freedom in the World is an annual global report on political rights and civil liberties, composed of numerical ratings and descriptive texts for each country and a select group of territories. The 2019 edition covers developments in 195 countries and 14 territories from January 1, 2018, through December 31, 2018.

The report's methodology is derived in large measure from the Universal Declaration of Human Rights, adopted by the UN General Assembly in 1948. Freedom in the World is based on the premise that these standards apply to all countries and territories, irrespective of geographical location, ethnic or religious composition, or level of economic development. Freedom in the World operates from the assumption that freedom for all people is best achieved in liberal democratic societies.

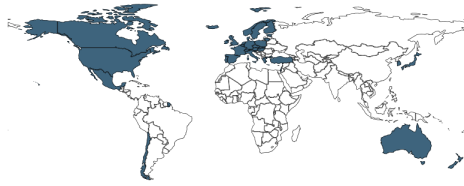
Freedom in the World assesses the real-world rights and freedoms enjoyed by individuals, rather than governments or government performance per se. Political rights and civil liberties can be affected by both state and nonstate actors, including insurgents and other armed groups. To read more about the methodology used by Freedom House, please visit <https://freedomhouse.org/report/methodology-freedom-world-2019>. These subcategories, drawn from the Universal Declaration of Human Rights, represent the fundamental components of freedom, which include an individual's ability to:

- Vote freely in legitimate elections;
- Participate freely in the political process;
- Have representatives that are accountable to them;
- Exercise freedoms of expression and belief;
- Be able to freely assemble and associate;
- Have access to an established and equitable system of rule of law;
- Enjoy personal freedoms, including free movement, the right to hold private property, social freedoms, and equal access to economic opportunities.

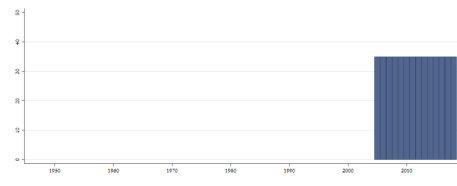
Note: The 1982 edition of Freedom in the World covers the period Jan 1981 - Aug 1982 (=1981 in our dataset). The 1983-84 edition covers the period Aug 1982 - Nov 1983 (=1983 in our dataset). This leaves 1982 empty. For 1972, South Africa was in the original data rated as "White" (fh\_cl: 3, fh\_pr: 2, fh\_status: Free) and "Black" (fh\_cl: 6, fh\_pr: 5, fh\_status: Not Free). We treat South Africa 1972 as missing.

#### 4.30.1 fh\_aor Associational and Organizational Rights

Associational and Organizational Rights - The variable evaluates the freedom of assembly, demonstrations and open public discussion; the freedom for nongovernmental organizations; and the freedom for trade unions, peasant organizations and other professional and private organizations. Countries are graded between 0 (worst) and 12 (best).



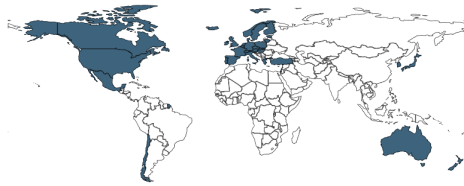
Min. Year:2016 Max. Year: 2016  
N: 36



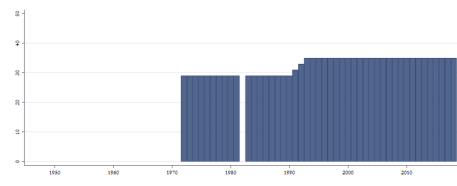
Min. Year:2005 Max. Year: 2018  
N: 36 n: 504  $\bar{N}$ : 36  $\bar{T}$ : 14

#### 4.30.2 fh\_cl Civil Liberties

Civil Liberties Rating - Civil liberties allow for the freedoms of expression and belief, associational and organizational rights, rule of law, and personal autonomy without interference from the state. The more specific list of rights considered vary over the years. Countries are graded between 1 (most free) and 7 (least free).



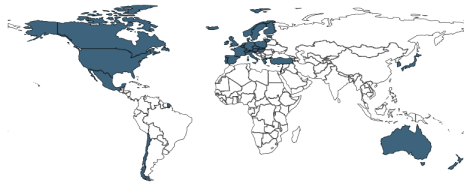
Min. Year:2016 Max. Year: 2016  
N: 36



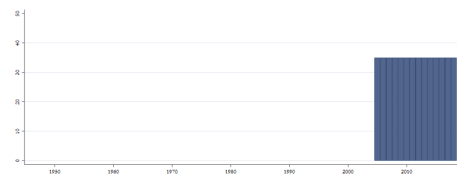
Min. Year:1972 Max. Year: 2018  
N: 36 n: 1523  $\bar{N}$ : 32  $\bar{T}$ : 42

#### 4.30.3 fh\_ep Electoral Process

Electoral Process - The variable measures to what extent the national legislative representatives and the national chief authority are elected through free and fair elections. Countries are graded between 0 (worst) and 12 (best).



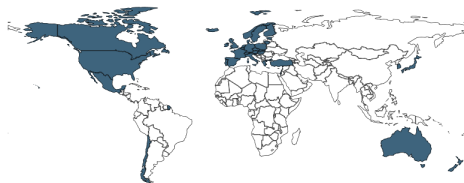
Min. Year:2016 Max. Year: 2016  
N: 36



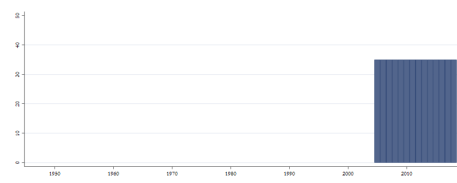
Min. Year:2005 Max. Year: 2018  
N: 36 n: 504  $\bar{N}$ : 36  $\bar{T}$ : 14

#### 4.30.4 fh\_feb Freedom of Expression and Belief

Freedom of Expression and Belief - The variable measures the freedom and independence of the media and other cultural expressions; the freedom of religious groups to practice their faith and express themselves; the academic freedom and freedom from extensive political indoctrination in the educational system; and the ability of the people to engage in private (political) discussions without fear of harassment or arrest by the authorities. Countries are graded between 0 (worst) and 16 (best).



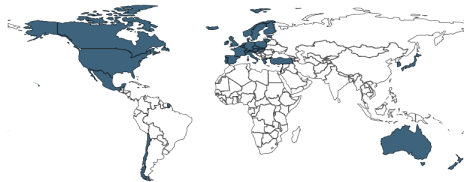
Min. Year:2016 Max. Year: 2016  
N: 36



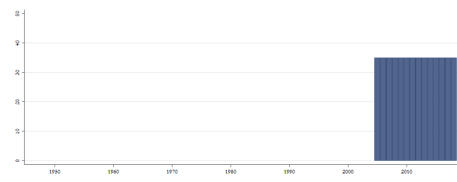
Min. Year:2005 Max. Year: 2018  
N: 36 n: 504  $\bar{N}$ : 36  $\bar{T}$ : 14

#### 4.30.5 fh\_fog Functioning of Government

Functioning of Government - The variable examines in what extent the freely elected head of government and a national legislative representative determine the policies of the government; if the government is free from pervasive corruption; and if the government is accountable to the electorate between elections and operates with openness and transparency. Countries are graded between 0 (worst) and 12 (best).



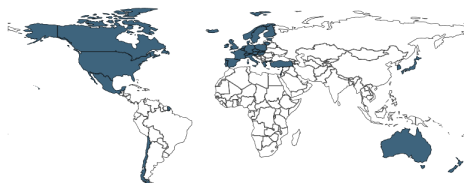
Min. Year:2016 Max. Year: 2016  
N: 36



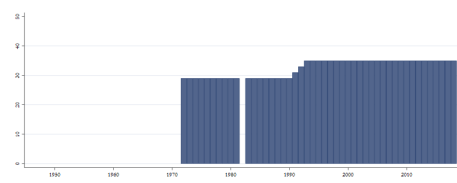
Min. Year:2005 Max. Year: 2018  
N: 36 n: 504  $\bar{N}$ : 36  $\bar{T}$ : 14

#### 4.30.6 fh\_ipolity2 Level of Democracy (Freedom House/Imputed Polity)

Scale ranges from 0-10 where 0 is least democratic and 10 most democratic. Average of Freedom House (fh\_pr and fh\_cl) is transformed to a scale 0-10 and Polity (p\_polity2) is transformed to a scale 0-10. These variables are averaged into fh\_ipolity2. The imputed version has imputed values for countries where data on Polity is missing by regressing Polity on the average Freedom House measure. Hadenius & Teorell (2005) show that this average index performs better both in terms of validity and reliability than its constituent parts.



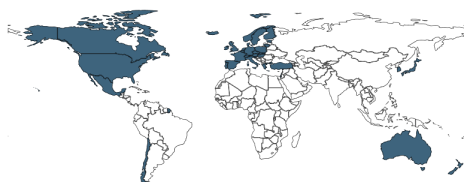
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1972 Max. Year: 2018  
N: 36 n: 1523  $\bar{N}$ : 32  $\bar{T}$ : 42

#### 4.30.7 fh\_pair Personal Autonomy and Individual Rights

Personal Autonomy and Individual Rights - The variable evaluates the extent of state control over travel, choice of residence, employment or institution of higher education; the right of citizens to own property and establish private businesses; the private business' freedom from undue influence by government officials, security forces, political parties or organized crime; gender equality, freedom of choice of marriage partners and size of family; equality of opportunity and absence of economic exploitation. Countries are graded between 0 (worst) and 16 (best).



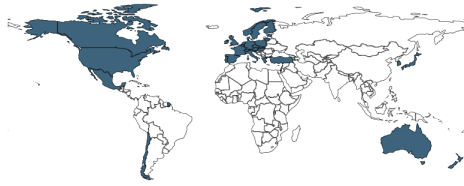
Min. Year:2016 Max. Year: 2016  
N: 36



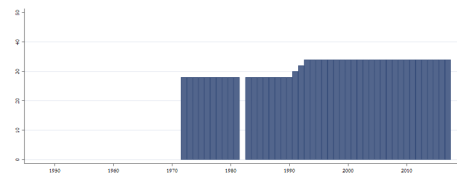
Min. Year:2005 Max. Year: 2018  
N: 36 n: 504  $\bar{N}$ : 36  $\bar{T}$ : 14

#### 4.30.8 fh\_polity2 Level of Democracy (Freedom House/Polity)

Scale ranges from 0-10 where 0 is least democratic and 10 most democratic. Average of Freedom House (fh\_pr and fh\_cl) is transformed to a scale 0-10 and Polity (p\_polity2) is transformed to a scale 0-10. These variables are averaged into fh\_polity2.



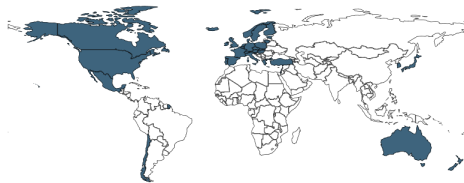
Min. Year:2016 Max. Year: 2016  
N: 35



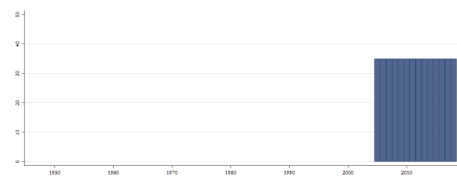
Min. Year:1972 Max. Year: 2017  
N: 35 n: 1442  $\bar{N}$ : 31  $\bar{T}$ : 41

#### 4.30.9 fh\_ppp Political Pluralism and Participation

Political Pluralism and Participation - This variable encompasses an examination of the right of the people to freely organize in political parties; the existence of an opposition with a realistic possibility to increase its support; the ability of the people to make political choices free from domination by the military, totalitarian parties or other powerful groups; and the existence of full political rights for all minorities. Countries are graded between 0 (worst) and 16 (best).



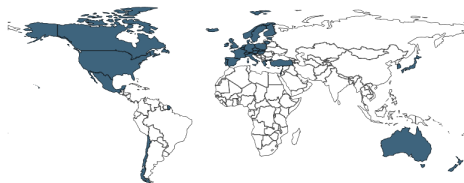
Min. Year:2016 Max. Year: 2016  
N: 36



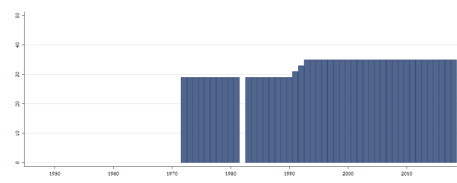
Min. Year:2005 Max. Year: 2018  
N: 36 n: 504  $\bar{N}$ : 36  $\bar{T}$ : 14

#### 4.30.10 fh\_pr Political Rights

Political Rights Rating - Political rights enable people to participate freely in the political process, including the right to vote freely for distinct alternatives in legitimate elections, compete for public office, join political parties and organizations, and elect representatives who have a decisive impact on public policies and are accountable to the electorate. The specific list of rights considered varies over the years. Countries are graded between 1 (most free) and 7 (least free).



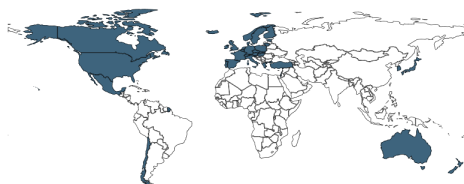
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1972 Max. Year: 2018  
N: 36 n: 1523  $\bar{N}$ : 32  $\bar{T}$ : 42

#### 4.30.11 fh\_rol Rule of Law

Rule of Law - The variable measures the independence of the judiciary; the extent to which rule of law prevails in civil and criminal matters; the existence of direct civil control over the police; the protection from political terror, unjustified imprisonment, exile and torture; absence of war and insurgencies; and the extent to which laws, policies and practices guarantee equal treatment of various segments of the population. Countries are graded between 0 (worst) and 16 (best).



Min. Year:2016 Max. Year: 2016  
N: 36



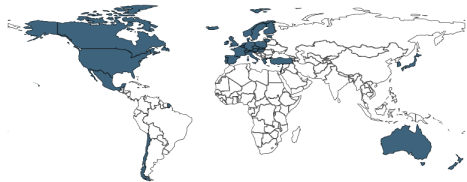
Min. Year:2005 Max. Year: 2018  
N: 36 n: 504  $\bar{N}$ : 36  $\bar{T}$ : 14



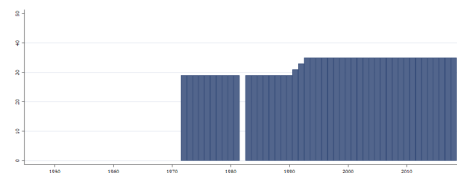
#### 4.30.12 fh\_status Freedom Status

1. Free
2. Partly Free
3. Not Free

Until 2003, countries whose combined average ratings for Political Rights and Civil Liberties fell between 1.0 and 2.5 were designated “Free”; between 3.0 and 5.5 “Partly Free”, and between 5.5 and 7.0 “Not Free”. Since then, countries whose ratings average 1.0 to 2.5 are considered “Free”, 3.0 to 5.0 “Partly Free”, and 5.5 to 7.0 “Not Free”.



Min. Year: 2016 Max. Year: 2016  
N: 36



Min. Year: 1972 Max. Year: 2018  
N: 36 n: 1523  $\bar{N}$ : 32  $\bar{T}$ : 42

### 4.31 Freedom House

<https://freedomhouse.org/report-types/freedom-press>  
(Freedom House, 2017)  
(Data downloaded: 2019-11-15)

#### Freedom of the Press

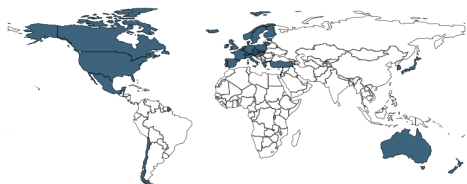
Freedom of the Press assesses the degree of print, broadcast, and digital media freedom in 199 countries and territories. Published since 1980, it provides numerical scores and country narratives evaluating the legal environment for the media, political pressures that influence reporting, and economic factors that affect access to news and information. Freedom of the Press is the most comprehensive data set available on global media freedom and serves as a key resource for policymakers, international institutions, journalists, activists, and scholars worldwide.

Note: The number in the variable names indicate what time period they refer to.

- 1: 1979-1987
- 2: 1988-1992
- 3: 1993-1995
- 4: 1996-2000
- 5: 2001-2016

#### 4.31.1 fh\_p\_mcei5 Economic influences over media content (2001-2016)

Economic Influences over Media Content (2001-2016).



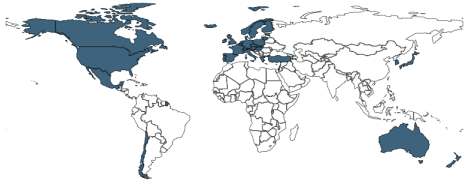
Min. Year: 2016 Max. Year: 2016  
N: 36



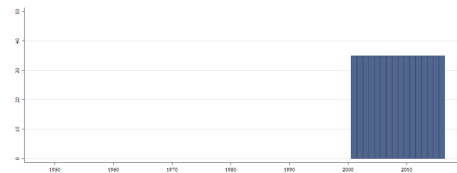
Min. Year: 2001 Max. Year: 2016  
N: 36 n: 576  $\bar{N}$ : 36  $\bar{T}$ : 16

#### 4.31.2 fhp\_mclr5 Laws and regulations that influence media content (2001-2016)

Laws and Regulations that Influence the Media Content (2001-2016). The variable encompasses an examination of both the laws and regulations that could influence media content and the government's inclination to use these laws and legal institutions to restrict the media's ability to operate. Freedom House assesses the positive impact of legal and constitutional guarantees for freedom of expression; the potentially negative aspects of security legislation, the penal code, and other criminal statutes; penalties for libel and defamation; the existence of and ability to use freedom of information legislation; the independence of the judiciary and of official media regulatory bodies; registration requirements for both media outlets and journalists; and the ability of journalists' groups to operate freely. The scale of the variable is 0-30. 0 indicates more freedom.



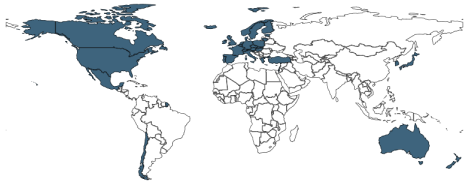
Min. Year:2016 Max. Year: 2016  
N: 36



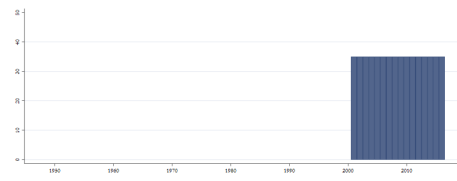
Min. Year:2001 Max. Year: 2016  
N: 36 n: 576  $\bar{N}$ : 36  $\bar{T}$ : 16

#### 4.31.3 fhp\_mcpp5 Political pressures and controls on media content (2001-2016)

Political Pressures and Controls on Media Content (2001-2016). The variable evaluates the degree of political control over the content of news media. Issues examined include the editorial independence of both state-owned and privately owned media; access to information and sources; official censorship and self-censorship; the vibrancy of the media; the ability of both foreign and local reporters to cover the news freely and without harassment; and the intimidation of journalists by the state or other actors, including arbitrary detention and imprisonment, violent assaults, and other threats. The scale of the variable is 0-40. 0 indicates more freedom.



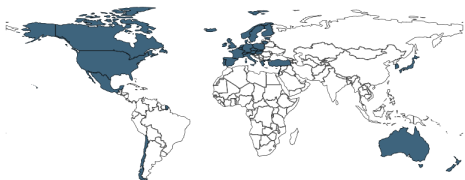
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:2001 Max. Year: 2016  
N: 36 n: 576  $\bar{N}$ : 36  $\bar{T}$ : 16

#### 4.31.4 fhp\_score5 Freedom of the Press, Score (2001-2016)

Freedom of the Press, Score (2001-2016): The press freedom index is computed by adding four component ratings: Laws and regulations, Political pressures and controls, Economic Influences and Repressive actions. The scale ranges from 0 (most free) to 100 (least free).



Min. Year:2016 Max. Year: 2016  
N: 36

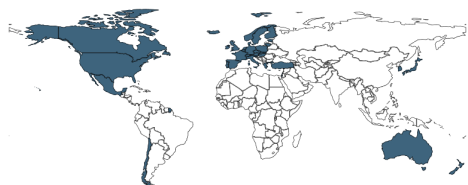


Min. Year:2001 Max. Year: 2016  
N: 36 n: 576  $\bar{N}$ : 36  $\bar{T}$ : 16

#### 4.31.5 fhp\_status5 Freedom of the Press, Status (2001-2016)

Freedom of the Press, Status (1988-2016):

1. Free
2. Partly Free
3. Not Free



Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:2001 Max. Year: 2016  
N: 36 n: 576  $\bar{N}$ : 36  $\bar{T}$ : 16

## 4.32 Fraser Institute

<https://www.fraserinstitute.org/economic-freedom/dataset>

(Gwartney et al., 2016)

(Data downloaded: 2019-11-05)

### 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.

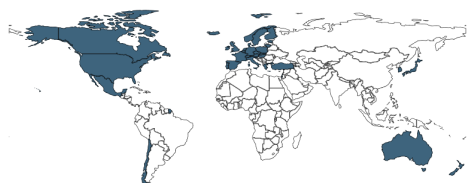
For a consistent time-series for a particular country and/or longitudinal data for a panel of countries, the Fraser Institute previously developed and reported a chain-linked version of the index. One of the problems with the chain-linked index was that it was limited to just the 123 countries that were 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.

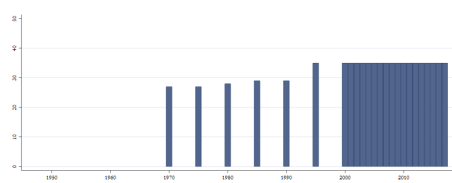
#### 4.32.1 `fi_ftradeint` Freedom to Trade Internationally (current)

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.



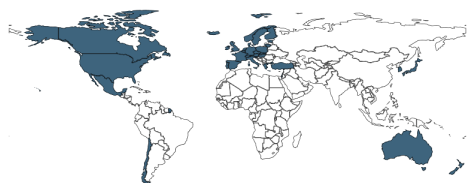
Min. Year:2016 Max. Year: 2016  
N: 36



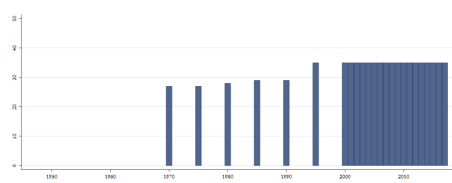
Min. Year:1970 Max. Year: 2017  
N: 36 n: 824  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.2 fi\_fttradeint\_pd Freedom to Trade Internationally (panel data)

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.



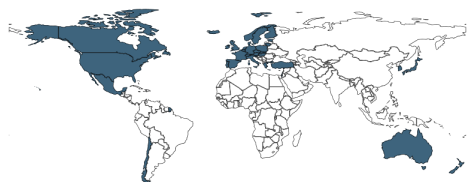
Min. Year:2016 Max. Year: 2016  
N: 36



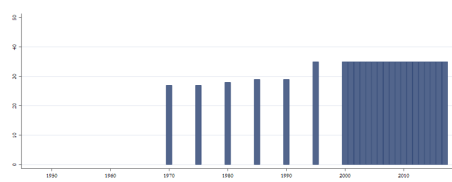
Min. Year:1970 Max. Year: 2017  
N: 36 n: 824  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.3 fi\_index Economic Freedom of the World Index (current)

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\_fttradeint), 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.



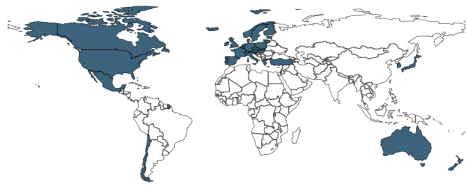
Min. Year:2016 Max. Year: 2016  
N: 36



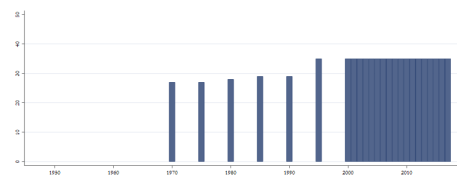
Min. Year:1970 Max. Year: 2017  
N: 36 n: 824  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.4 fi\_index\_pd Economic Freedom of the World Index (panel data)

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.



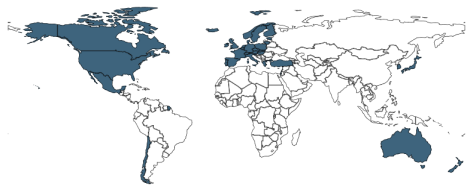
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1970 Max. Year: 2017  
N: 36 n: 824  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.5 fi\_legprop Legal Structure and Security of Property Rights (current)

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.



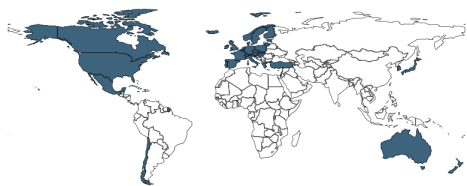
Min. Year:2016 Max. Year: 2016  
N: 36



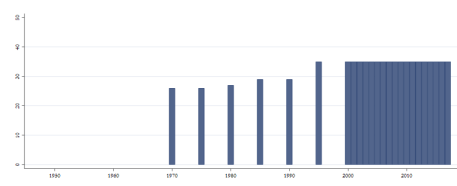
Min. Year:1970 Max. Year: 2017  
N: 36 n: 821  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.6 fi\_legprop\_pd Legal Structure and Security of Property Rights (panel data)

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.



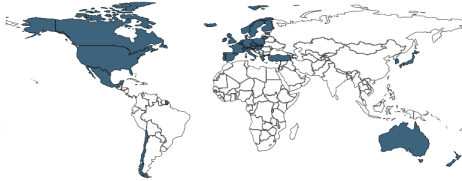
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1970 Max. Year: 2017  
N: 36 n: 821  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.7 fi\_reg Regulation of Credit, Labor and Business (current)

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.



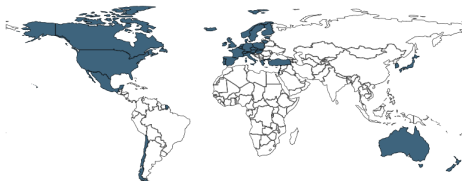
Min. Year:2016 Max. Year: 2016  
N: 36



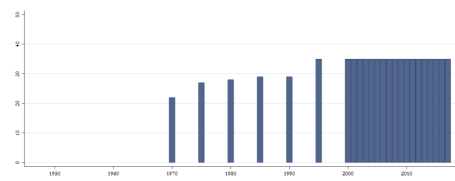
Min. Year:1970 Max. Year: 2017  
N: 36 n: 820  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.8 fi\_reg\_pd Regulation of Credit, Labor and Business (panel data)

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.



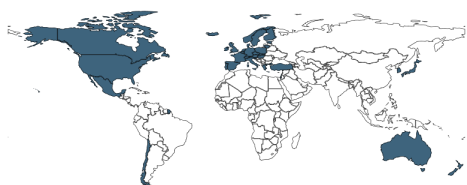
Min. Year:2016 Max. Year: 2016  
N: 36



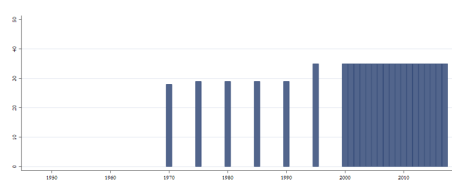
Min. Year:1970 Max. Year: 2017  
N: 36 n: 819  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.9 fi\_sm Access to Sound Money (current)

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.



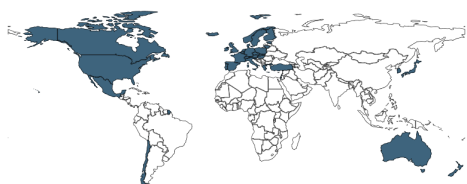
Min. Year:2016 Max. Year: 2016  
N: 36



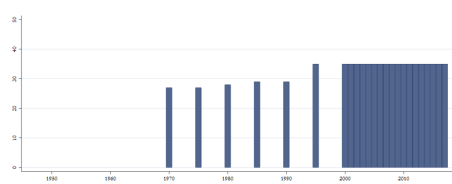
Min. Year:1970 Max. Year: 2017  
N: 36 n: 828  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.10 fi\_sm\_pd Access to Sound Money (chain\_linked)

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.



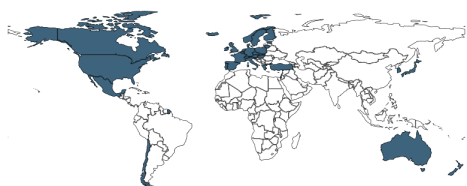
Min. Year:2016 Max. Year: 2016  
N: 36



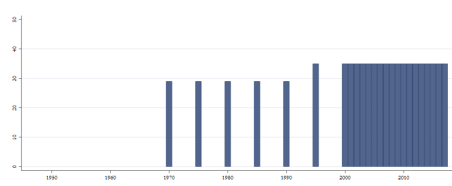
Min. Year:1970 Max. Year: 2017  
N: 36 n: 824  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.11 fi\_sog Size of Government: Expenditures, Taxes and Enterprises (current)

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).



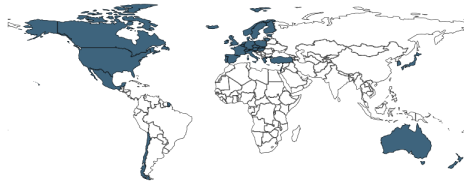
Min. Year:2016 Max. Year: 2016  
N: 36



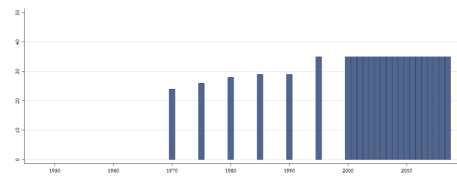
Min. Year:1970 Max. Year: 2017  
N: 36 n: 829  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.32.12 fi\_sog\_pd Size of Government: Expenditures, Taxes and Enterprises (panel data)

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: 2016 Max. Year: 2016  
N: 36



Min. Year: 1970 Max. Year: 2017  
N: 36 n: 820  $\bar{N}$ : 17  $\bar{T}$ : 23

### 4.33 Guillén and Capron

<https://whartonmgmt.wufoo.com/forms/guillencapron-shareholder-protections-index/>  
(Guillen & Capron, 2016)  
(Data downloaded: 2019-07-03)

#### State Capacity, Minority Shareholder Protections, and Stock Market Development

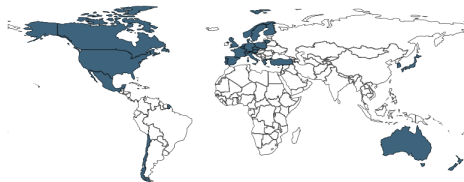
A longitudinal dataset on the adoption of minority shareholders' legal protections and the development of the stock market in 78 countries between 1970 and 2011.

##### 4.33.1 gc\_shr Minority Shareholder Rights

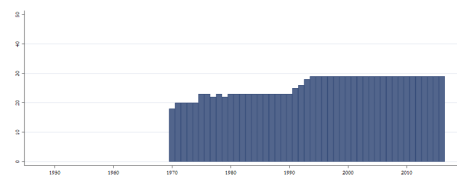
The ten key legal provisions identified as most relevant to the protection of minority shareholder rights are coded by a team of legal scholars coded between 0 and 1. The measures are not dichotomous because intermediate scores between 0 and 1 are possible. The sum of the scores for each of the ten legal 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: 30



Min. Year: 1970 Max. Year: 2016  
N: 30 n: 1235  $\bar{N}$ : 26  $\bar{T}$ : 41

### 4.34 Transparency International

<http://www.transparency.org/research/gcb/overview>  
(International, 2017)  
(Data downloaded: 2019-10-08)



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.

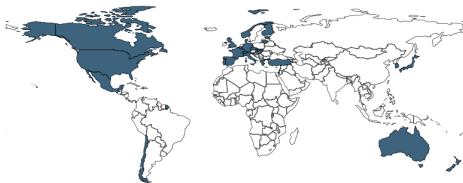
For the 2015-2017 version all the values have been assigned the year 2016.

Note: Only valid answers are used when calculating the averages, “Unknown”, “Don’t know” etc. are excluded.

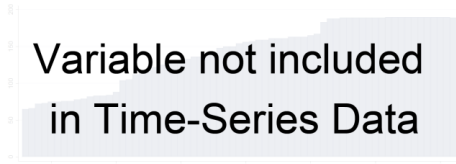
For the 2003-2013 version, the data for a country is marked as missing if there are less than 100 respondents per year, if there are 100 or more, the value corresponds to the mean of all answers.

4.34.1 gcb\_pb Corruption Perception: Business

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).



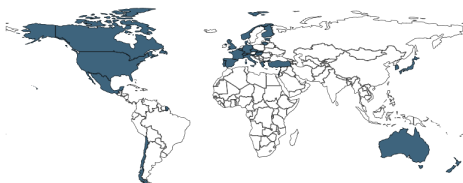
Min. Year:2013 Max. Year: 2013  
N: 30



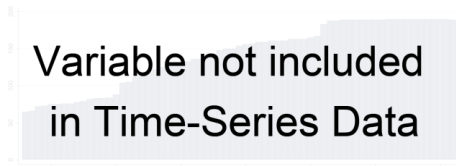
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

4.34.2 gcb\_ped Corruption Perception: Education

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).



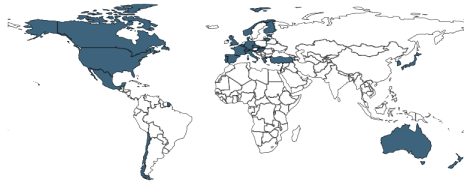
Min. Year:2013 Max. Year: 2013  
N: 30



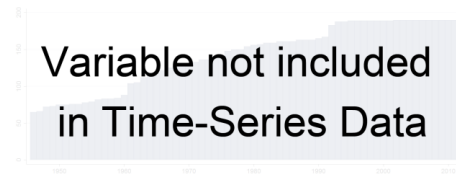
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

4.34.3 gcb\_pj Corruption Perception: Judiciary/Legal System

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).



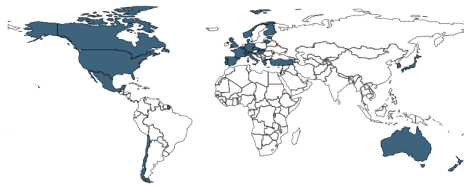
Min. Year: 2013 Max. Year: 2013  
N: 30



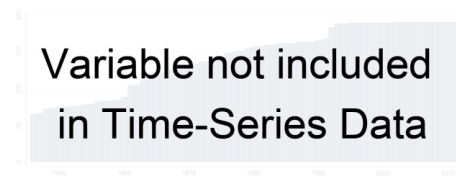
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.34.4 gcb\_pmed Corruption Perception: Medical Services

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).



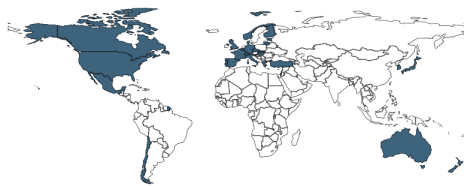
Min. Year: 2013 Max. Year: 2013  
N: 30



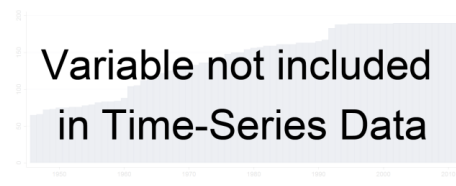
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.34.5 gcb\_pmedia Corruption Perception: Media

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).



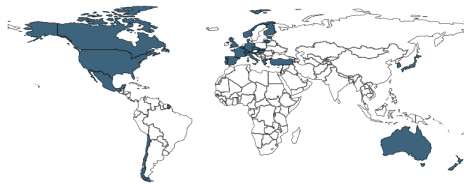
Min. Year: 2013 Max. Year: 2013  
N: 30



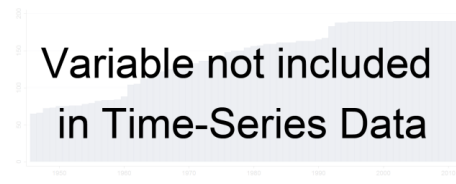
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.34.6 gcb\_pmil Corruption Perception: Military

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).



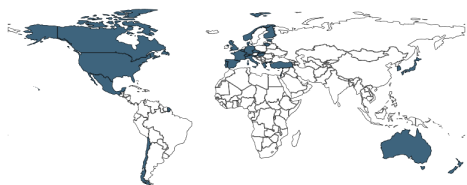
Min. Year: 2013 Max. Year: 2013  
N: 30



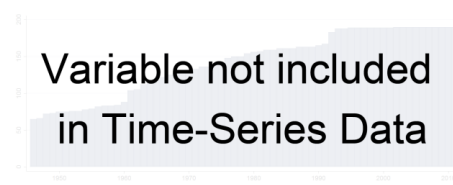
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.34.7 gcb\_pngo Corruption Perception: NGOs

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).



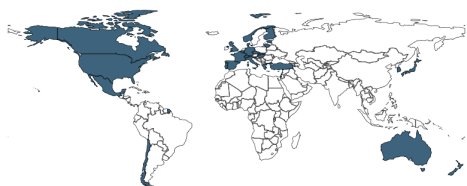
Min. Year:2013 Max. Year: 2013  
N: 30



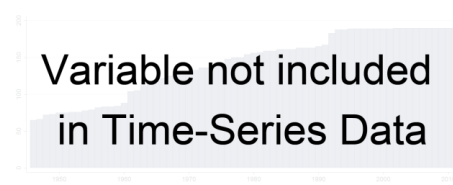
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.34.8 gcb\_poff Corruption Perception: Public Officials/Civil Servants

To what extent do you perceive the following categories in this country to be affected by corruption? Public officials/Civil servants. 1 (Not at all corrupt) - 5 (Extremely corrupt).



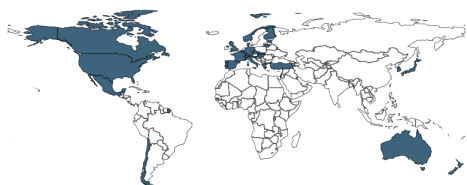
Min. Year:2013 Max. Year: 2013  
N: 30



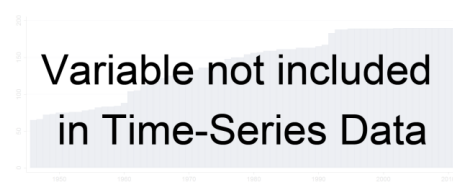
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.34.9 gcb\_ppa Corruption Perception: Political Parties

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).



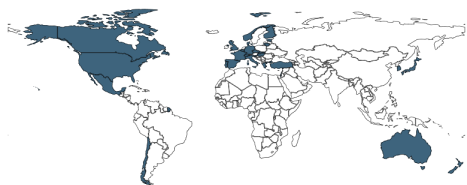
Min. Year:2013 Max. Year: 2013  
N: 30



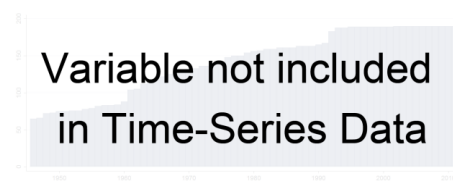
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.34.10 gcb\_pparl Corruption Perception: Parliament

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).



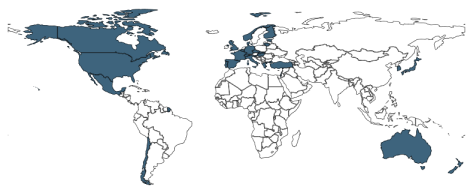
Min. Year:2013 Max. Year: 2013  
N: 30



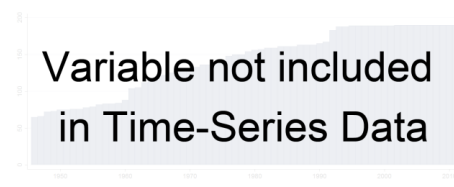
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.34.11 gcb\_ppol Corruption Perception: Police

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).



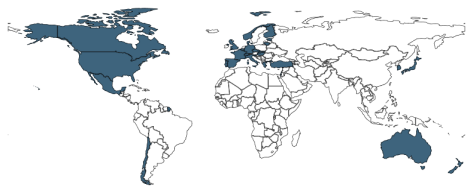
Min. Year: 2013 Max. Year: 2013  
N: 30



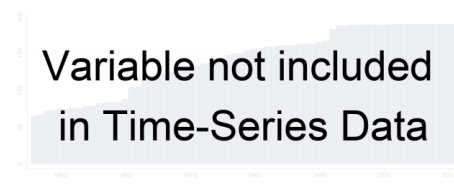
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.34.12 gcb\_prel Corruption Perception: Religious Bodies

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).



Min. Year: 2013 Max. Year: 2013  
N: 30



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

### 4.35 Gibney, Cornett and Wood

<http://www.politicalterroryscale.org/Data/Download.html>

(Gibney et al., 2019)

(Data downloaded: 2019-11-28)

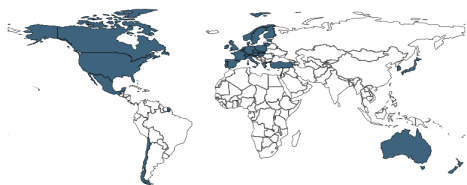
#### The Political Terror Scale

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.

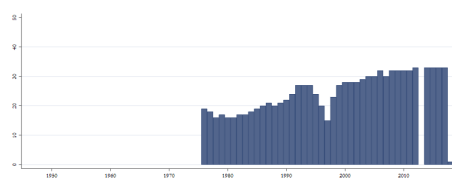
#### 4.35.1 gd\_ptsa Political Terror Scale - Amnesty International

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: 34

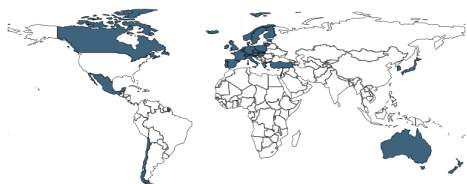


Min. Year: 1976 Max. Year: 2018  
N: 35 n: 1040  $\bar{N}$ : 24  $\bar{T}$ : 30

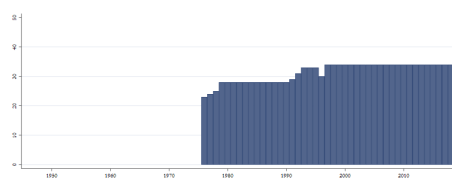
#### 4.35.2 gd\_ptss Political Terror Scale - US State Department

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: 2016 Max. Year: 2016  
N: 35



Min. Year: 1976 Max. Year: 2018  
N: 36 n: 1372  $\bar{N}$ : 32  $\bar{T}$ : 38

### 4.36 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: 2019-11-06)

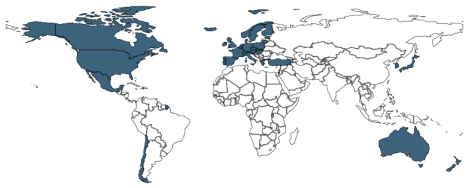
#### Global Educational Attainment 1970-2015

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.

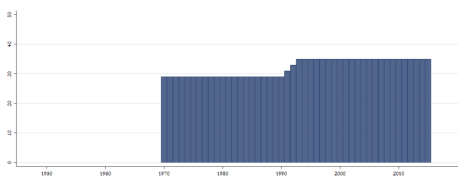
This data file provides estimates of average years of educational attainment per capita for people over the age of 15 for the years 1970-2015 by year, sex, and age group for 188 countries, 21 GBD regions, 7 GBD super regions, and the global aggregate. Age-standardized and population-weighted estimates are included for females 15-44 and for both sexes for the age group 25+.

**4.36.1    gea\_ea1524f Educational Attainment (15-24 years, Female)**

Educational Attainment (15-24 years, Female). Average years of education.



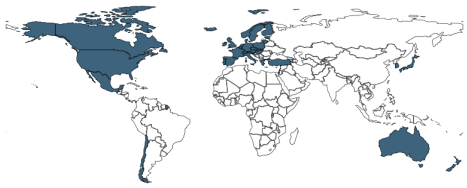
Min. Year:2015 Max. Year: 2015  
N: 36



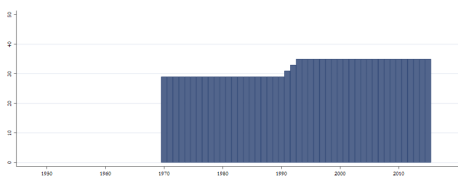
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

**4.36.2    gea\_ea1524m Educational Attainment (15-24 years, Male)**

Educational Attainment (15-24 years, Male). Average years of education.



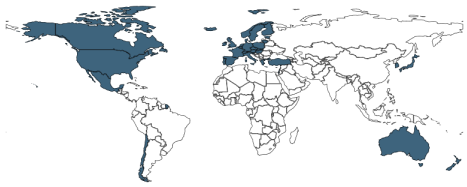
Min. Year:2015 Max. Year: 2015  
N: 36



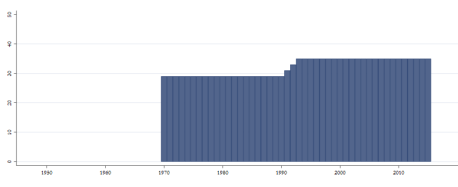
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

**4.36.3    gea\_ea2534f Educational Attainment (25-34 years, Female)**

Educational Attainment (25-34 years, Female). Average years of education.



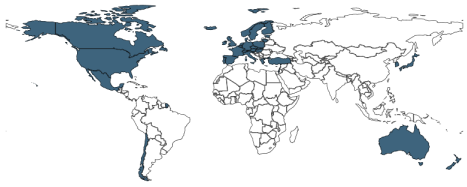
Min. Year:2015 Max. Year: 2015  
N: 36



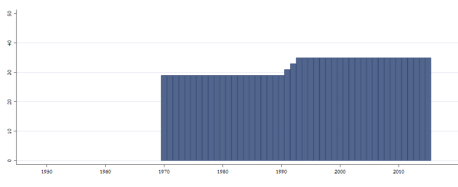
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

**4.36.4    gea\_ea2534m Educational Attainment (25-34 years, Male)**

Educational Attainment (25-34 years, Male). Average years of education.



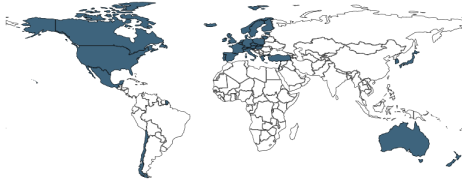
Min. Year:2015 Max. Year: 2015  
N: 36



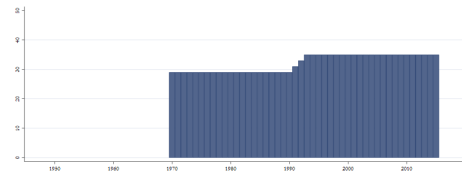
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

**4.36.5    gea\_ea3544f Educational Attainment (35-44 years, Female)**

Educational Attainment (35-44 years, Female). Average years of education.



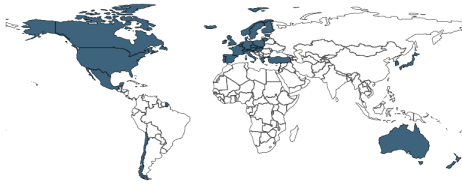
Min. Year:2015 Max. Year: 2015  
N: 36



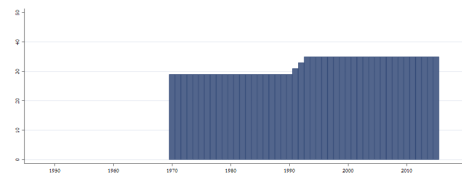
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

#### 4.36.6 gea\_ea3544m Educational Attainment (35-44 years, Male)

Educational Attainment (35-44 years, Male). Average years of education.



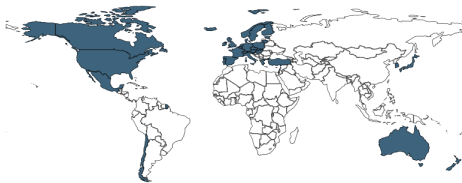
Min. Year:2015 Max. Year: 2015  
N: 36



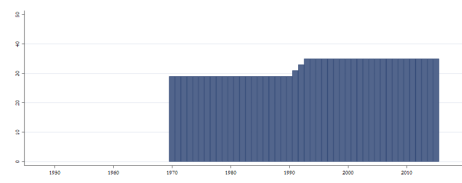
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

#### 4.36.7 gea\_ea4554f Educational Attainment (45-54 years, Female)

Educational Attainment (45-54 years, Female). Average years of education.



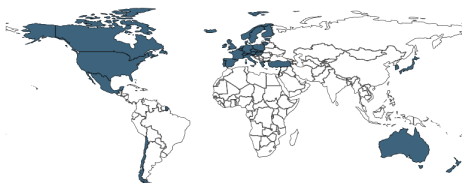
Min. Year:2015 Max. Year: 2015  
N: 36



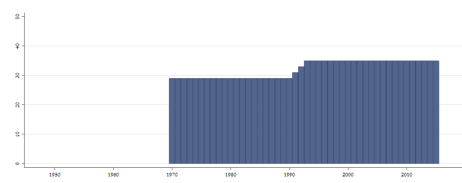
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

#### 4.36.8 gea\_ea4554m Educational Attainment (45-54 years, Male)

Educational Attainment (45-54 years, Male). Average years of education.



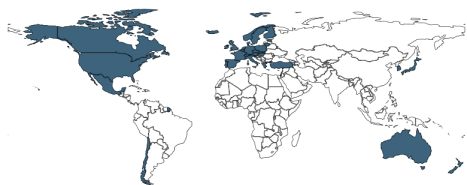
Min. Year:2015 Max. Year: 2015  
N: 36



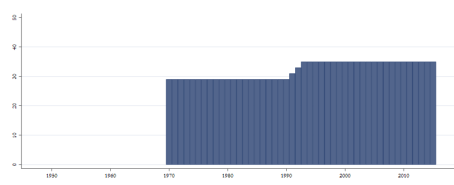
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

#### 4.36.9 gea\_ea5564f Educational Attainment (55-64 years, Female)

Educational Attainment (55-64 years, Female). Average years of education.



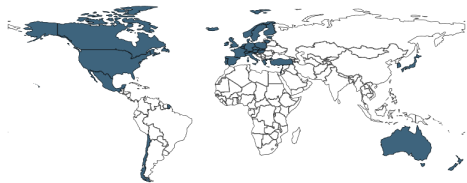
Min. Year:2015 Max. Year: 2015  
N: 36



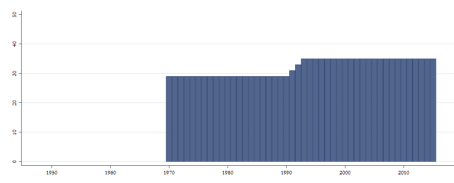
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

#### 4.36.10 gea\_ea5564m Educational Attainment (55-64 years, Male)

Educational Attainment (55-64 years, Male). Average years of education.



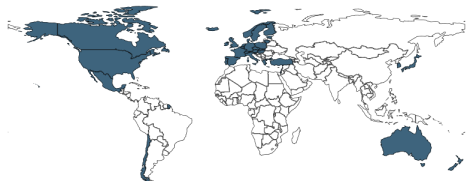
Min. Year:2015 Max. Year: 2015  
N: 36



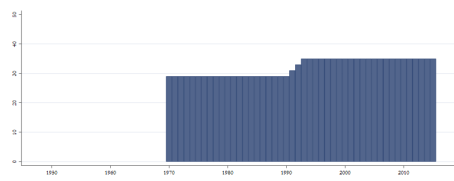
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

#### 4.36.11 gea\_ea65f Educational Attainment (65+ years, Female)

Educational Attainment (65+ years, Female). Average years of education.



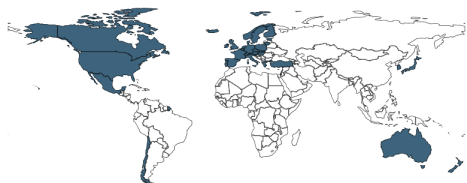
Min. Year:2015 Max. Year: 2015  
N: 36



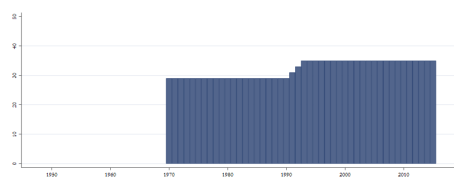
Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

#### 4.36.12 gea\_ea65m Educational Attainment (65+ years, Male)

Educational Attainment (65+ years, Male). Average years of education.



Min. Year:2015 Max. Year: 2015  
N: 36



Min. Year:1970 Max. Year: 2015  
N: 36 n: 1502  $\bar{N}$ : 33  $\bar{T}$ : 42

### 4.37 United Nations Development Programme

<http://hdr.undp.org/en/data>

(United Nations Development Program, 2019a)

(Data downloaded: 2019-11-04)

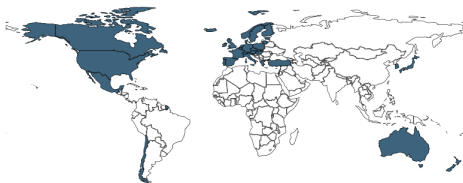


The Gender Inequality Index

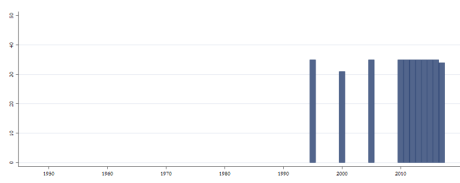
The Gender Inequality Index (GII) reflects gender-based disadvantage in three dimensions - reproductive health, empowerment and the labour market - for as many countries as data of reasonable quality allow. It shows the loss in potential human development due to inequality between female and male achievements 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.

4.37.1 gii\_gii Gender Inequality Index (0 to 1 higher disparity)

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:2015 Max. Year: 2016  
N: 36



Min. Year:1995 Max. Year: 2017  
N: 36 n: 391  $\overline{N}$ : 17  $\overline{T}$ : 11

4.38 Kristian S. Gleditsch

<http://ksgleditsch.com/exptradegdp.html>  
(K. S. Gleditsch, 2002) (K. Gleditsch & Ward, 1999)  
(Data downloaded: 2019-06-17)

Expanded Trade and GDP Data

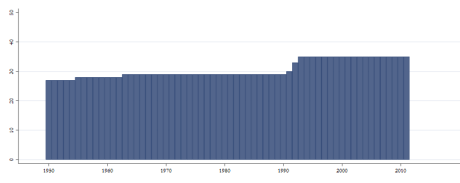
The dataset by Kristian Gleditsch provides estimates of trade flows between independent states (1948-2000) and GDP per capita of independent states (1950-2011). Version 6. In order to fill in gaps in the Penn World Table's mark 5.6 and 6.2 data (see: Heston, Summers & Aten), Gleditsch has imputed missing data by using an alternative source of data (the CIA World Fact Book), and through extrapolation beyond available time-series.

4.38.1 gle\_cgdpc GDP per Capita (Current Prices)

GDP per capita (Current prices).

Variable not included  
in Cross-Section Data

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



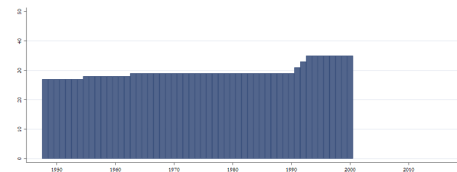
Min. Year:1950 Max. Year: 2011  
N: 36 n: 1919  $\overline{N}$ : 31  $\overline{T}$ : 53

#### 4.38.2 gle\_exp Total Export

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



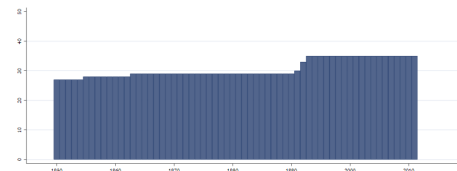
Min. Year:1948 Max. Year: 2000  
N: 36 n: 1578  $\bar{N}$ : 30  $\bar{T}$ : 44

#### 4.38.3 gle\_gdp Real GDP (2005)

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



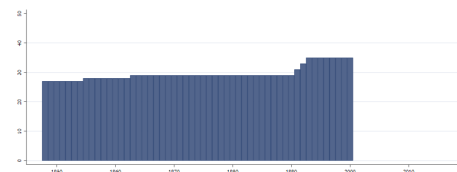
Min. Year:1950 Max. Year: 2011  
N: 36 n: 1919  $\bar{N}$ : 31  $\bar{T}$ : 53

#### 4.38.4 gle\_imp Total Import

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



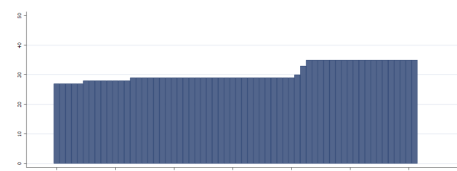
Min. Year:1948 Max. Year: 2000  
N: 36 n: 1578  $\bar{N}$ : 30  $\bar{T}$ : 44

#### 4.38.5 gle\_pop Population (in the 1000's)

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



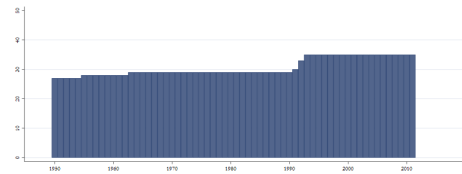
Min. Year:1950 Max. Year: 2011  
N: 36 n: 1919  $\bar{N}$ : 31  $\bar{T}$ : 53

#### 4.38.6 gle\_rgdp Real GDP per Capita (2005)

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



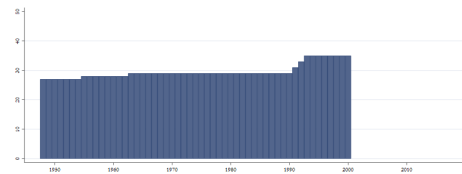
Min. Year: 1950 Max. Year: 2011  
N: 36 n: 1919  $\bar{N}$ : 31  $\bar{T}$ : 53

### 4.38.7 gle\_trade Total 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: 36 n: 1578  $\bar{N}$ : 30  $\bar{T}$ : 44

## 4.39 Bormann and Golder

<http://mattgolder.com/elections>  
(Bormann & Golder, 2013)  
(Data downloaded: 2019-11-28)

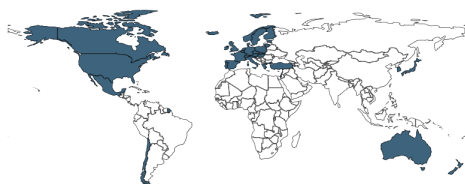
### Democratic Electoral Systems Around the World 1946-2016

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).

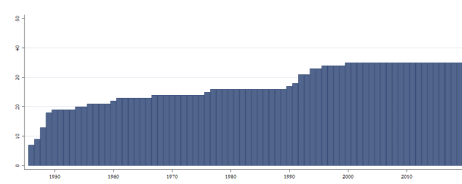
Note: The original values of -99 (the information is missing but should theoretically be available) and -88 (there is no single value for this particular variable) have been recoded to "." (missing).

### 4.39.1 gol\_adm Average District Magnitude

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.



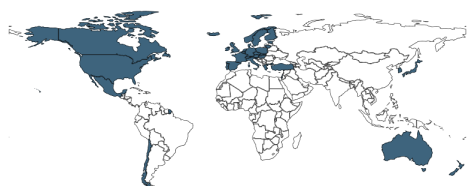
Min. Year: 2016 Max. Year: 2016  
N: 36



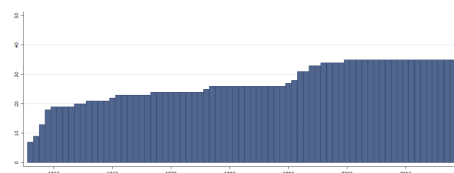
Min. Year: 1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

#### 4.39.2 gol\_dist Districts

This is the number of electoral districts or constituencies in an electoral tier.



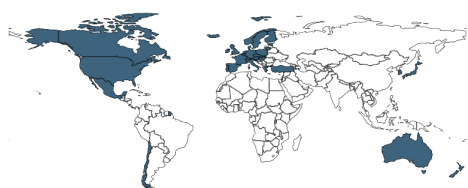
Min. Year:2016 Max. Year: 2016  
N: 36



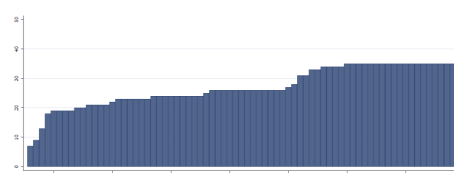
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

#### 4.39.3 gol\_enep Effective Number of Electoral Parties

Effective Number of Electoral Parties.



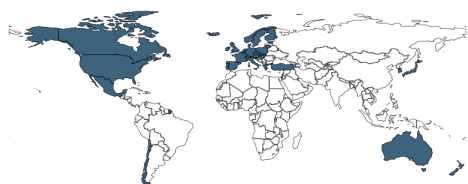
Min. Year:2016 Max. Year: 2016  
N: 36



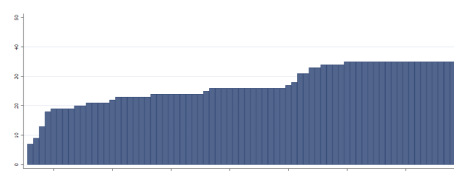
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

#### 4.39.4 gol\_enep1 Effective Number of Electoral Parties 1

The effective number of electoral parties once the "other" category has been "corrected" by using the least component method of bounds.



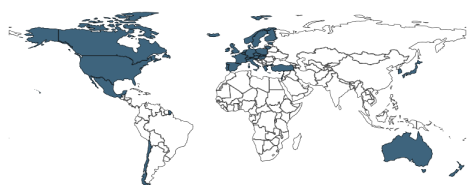
Min. Year:2016 Max. Year: 2016  
N: 36



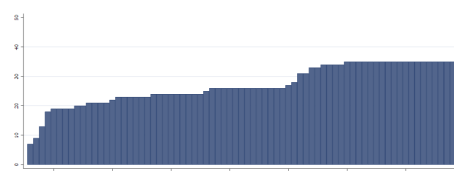
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

#### 4.39.5 gol\_enepo Effective Number of Electoral Parties (Others)

The percentage of the vote going to parties that are collectively known as "others" in official election results.



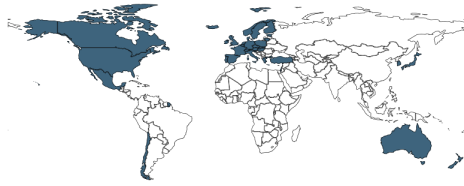
Min. Year:2016 Max. Year: 2016  
N: 36



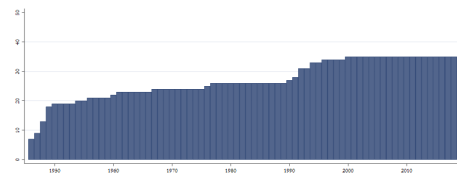
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

#### 4.39.6 gol\_enpp Effective Number of Parliamentary or Legislative Parties

The effective number of parliamentary (legislative) parties.



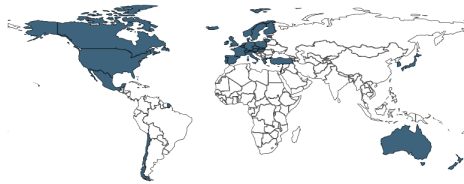
Min. Year:2016 Max. Year: 2016  
N: 36



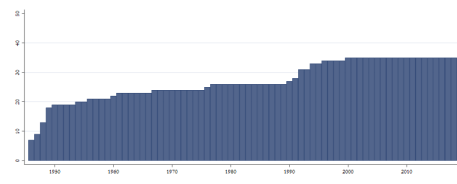
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

#### 4.39.7 gol\_enpp1 Effective Number of Parliamentary or Legislative Parties 1

This is the effective number of parliamentary (legislative) parties once the "other" category has been "corrected" by using the least component method of bounds.



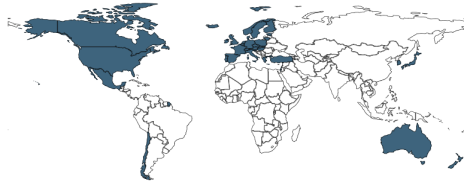
Min. Year:2016 Max. Year: 2016  
N: 36



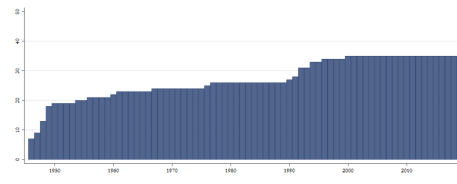
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

#### 4.39.8 gol\_enppo Effective Number of Parliamentary or Legislative Parties (Others)

The percentage of seats won by parties that are collectively known as "others" in official election results.



Min. Year:2016 Max. Year: 2016  
N: 36

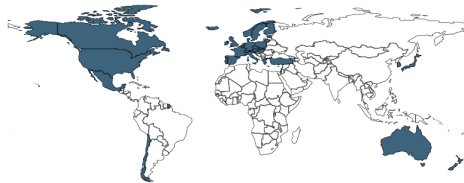


Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

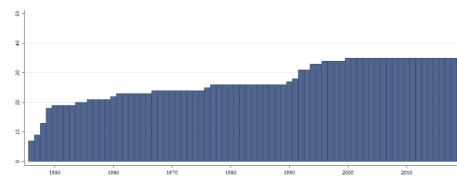
#### 4.39.9 gol\_est Electoral System Type-3 classes

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:2016 Max. Year: 2016  
N: 36

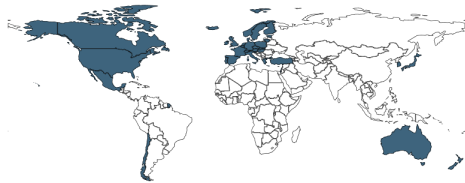


Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

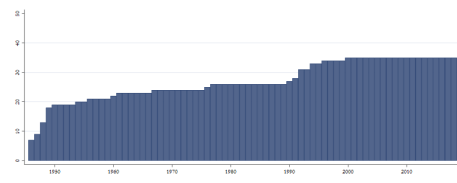
#### 4.39.10 gol\_est\_spec Electoral System Type-11 classes

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:**2016 **Max. Year:** 2016  
**N:** 36



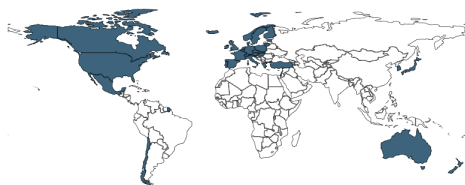
**Min. Year:**1946 **Max. Year:** 2019  
**N:** 36 **n:** 2032  **$\bar{N}$ :** 27  **$\bar{T}$ :** 56

#### 4.39.11 gol\_inst Institution

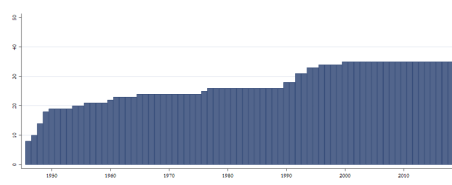
This is a categorical variable indicating a country's regime type at the end of a given year. The data for this variable come from Cheibub, Gandhi and Vreeland (2010), which we updated through 2011.

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.



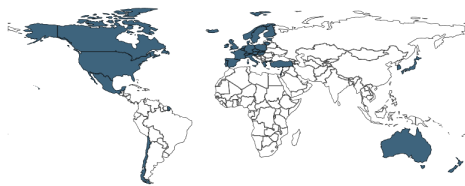
Min. Year:2016 Max. Year: 2016  
N: 36



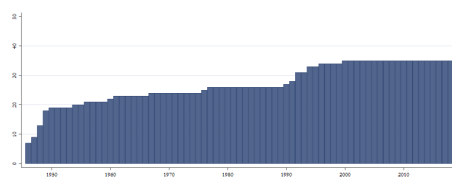
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2038  $\bar{N}$ : 28  $\bar{T}$ : 57

#### 4.39.12 gol\_mt Multi-Tier Type

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.



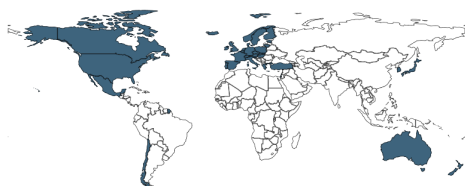
Min. Year:2016 Max. Year: 2016  
N: 36



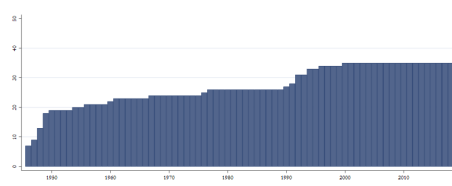
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

#### 4.39.13 gol\_nos Number of Seats

This indicates the total number of seats in the lower house of the national legislature.



Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

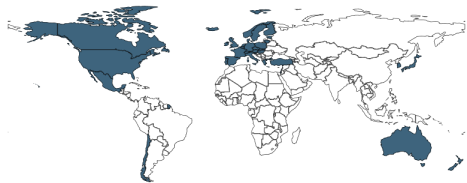
#### 4.39.14 gol\_pr PR Type

This is a categorical variable that indicates the precise electoral formula used in an electoral tier.

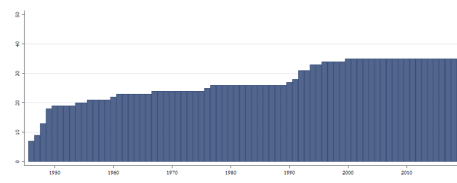
1. Single-Member-District-Plurality (SMDP)
2. Two Round Majority-Plurality
3. Two Round Qualified Majority
4. Two Round Majority Runoff
5. Alternative Vote (AV)
6. Borda Count (BC)
7. Modified Borda Count (mBC)
8. Block Vote (BV)
9. Party Block Vote (PBV)
10. Limited Vote (LV)
11. Single Nontransferable 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.



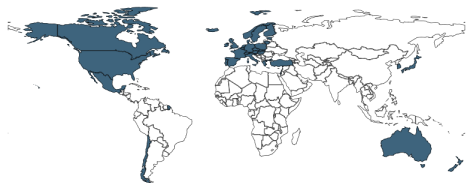
Min. Year:2016 Max. Year: 2016  
N: 36



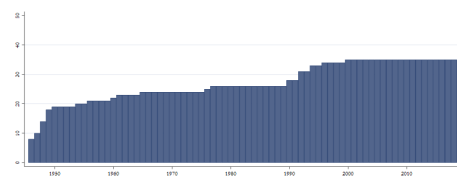
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2032  $\bar{N}$ : 27  $\bar{T}$ : 56

#### 4.39.15 gol\_preel Presidential Election

This is a dichotomous variable that takes on the value 1 if the election is presidential and 0 if the election is legislative.



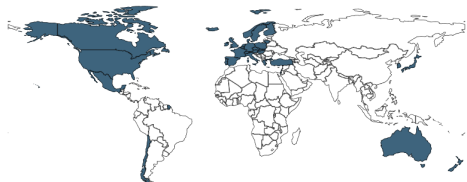
Min. Year:2016 Max. Year: 2016  
N: 36



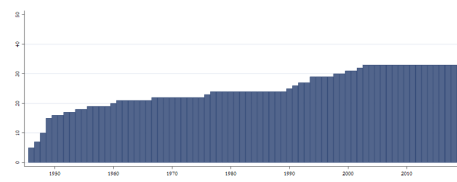
Min. Year:1946 Max. Year: 2019  
N: 36 n: 2038  $\bar{N}$ : 28  $\bar{T}$ : 57

#### 4.39.16 gol\_upseat Upper Seats

This indicates the number of legislative seats allocated in electoral districts above the lowest electoral tier.



Min. Year:2016 Max. Year: 2016  
N: 34

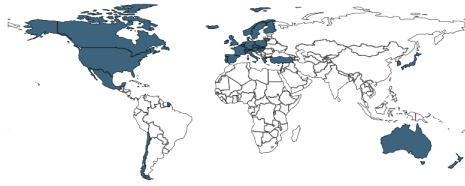


Min. Year:1946 Max. Year: 2019  
N: 34 n: 1857  $\bar{N}$ : 25  $\bar{T}$ : 55

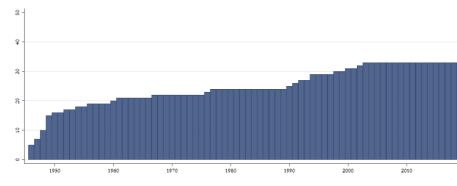
#### 4.39.17 gol\_uptier Upper Tier

This indicates the percentage of all legislative seats allocated in electoral districts above the lowest electoral tier.





Min. Year:2016 Max. Year: 2016  
N: 34



Min. Year:1946 Max. Year: 2019  
N: 34 n: 1857  $\bar{N}$ : 25  $\bar{T}$ : 55

## 4.40 Institute for Economics & Peace

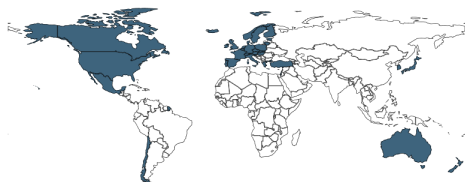
<http://visionofhumanity.org/indexes/global-peace-index/>  
(Institute for Economics and Peace, 2019)  
(Data downloaded: 2019-11-13)

### 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.

#### 4.40.1 gpi\_dic Displaced people (1-5 Higher displacement)

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. Sclaed 1 to 5, 5 being a higher percentage of internal displacement. Source: UNHCR Statistical Yearbook and Internal Displacement Monitoring Center.



Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2007 Max. Year: 2018  
N: 35 n: 420  $\bar{N}$ : 35  $\bar{T}$ : 12

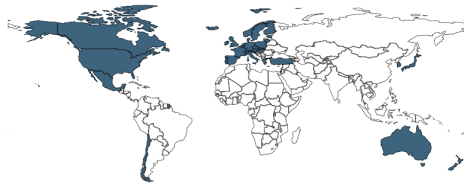
#### 4.40.2 gpi\_gpi Global Peace Index (1-5 Less peaceful)

The GPI (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.

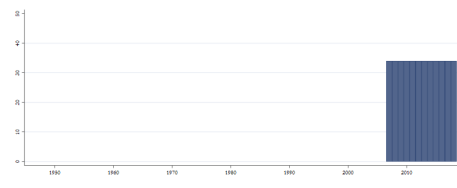
The second domain evaluates the level of harmony or discord within a nation; ten indicators broadly assess what might be described as Societal Safety and Security. The assertion is that low crime rates, minimal terrorist activity and violent demonstrations, harmonious relations with neighbouring countries, 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.



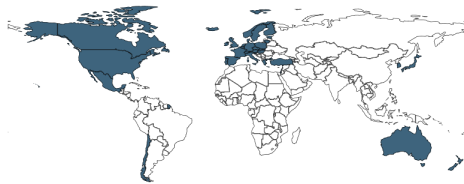
Min. Year:2016 Max. Year: 2016  
N: 35



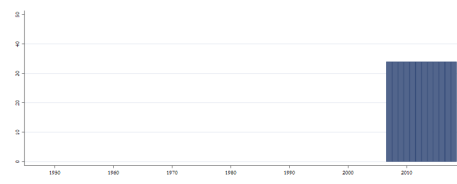
Min. Year:2007 Max. Year: 2018  
N: 35 n: 420  $\bar{N}$ : 35  $\bar{T}$ : 12

#### 4.40.3 gpi\_jail Incarceration (1-5 Higher incarceration)

Prison population rates per 100,000 of the national population. Sclaed 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:2016 Max. Year: 2016  
N: 35



Min. Year:2007 Max. Year: 2018  
N: 35 n: 420  $\bar{N}$ : 35  $\bar{T}$ : 12

### 4.41 Gerring, Thacker and Moreno

<http://www.bu.edu/sthacker/research/articles-and-data/>  
(Gerring et al., 2005)  
(Data downloaded: 2019-07-25)

#### Centripetal Democratic Governance

Data used in the book A Centripetal Theory of Democratic Governance (Gerring, John and Thacker, Strom C, 2008).

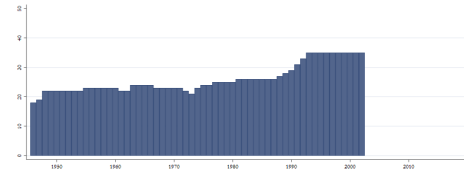
##### 4.41.1 gtm\_parl Parliamentarism

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: 36 n: 1489  $\bar{N}$ : 26  $\bar{T}$ : 41

### 4.41.2 gtm\_pr Proportional Representation

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: 36 n: 1489  $\bar{N}$ : 26  $\bar{T}$ : 41

### 4.41.3 gtm\_unit Unitarism

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: 36 n: 1489  $\bar{N}$ : 26  $\bar{T}$ : 41

## 4.42 Witold Henisz

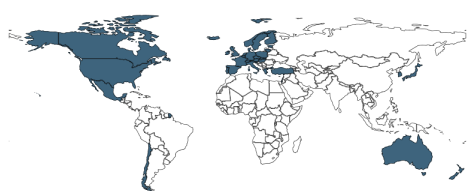
<https://mgmt.wharton.upenn.edu/profile/1327>  
(Henisz, 2017)  
(Data downloaded: 2019-07-04)

## Political Constraint Index (POLCON) Dataset

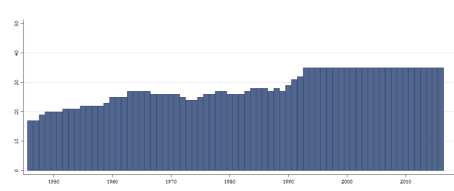
The measure of political constraints employed estimates the feasibility of policy change (the extent to which a change in the preferences of any one actor may lead to a change in government policy) using the following methodology. First, extracting data from political science databases, it identifies 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.

### 4.42.1 h\_align1 Alignment Executive/Legislative Chamber (lower)

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.



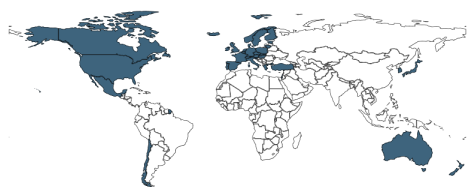
Min. Year:2015 Max. Year: 2016  
N: 36



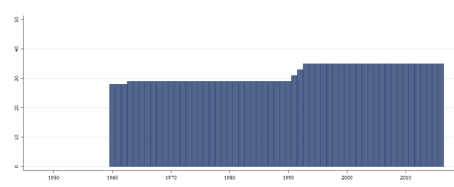
Min. Year:1946 Max. Year: 2016  
N: 36 n: 2032  $\bar{N}$ : 29  $\bar{T}$ : 56

### 4.42.2 h\_f Independent Sub-Federal Unit

Dummy variable coded 1 if there are independent sub-federal units (states, provinces, regions etc.) that impose substantive constraints on national fiscal policy.



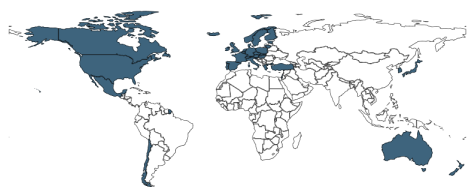
Min. Year:2016 Max. Year: 2016  
N: 36



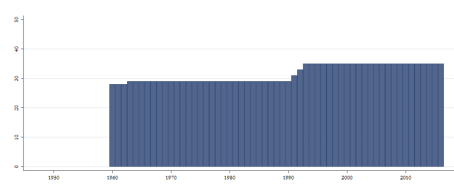
Min. Year:1960 Max. Year: 2016  
N: 36 n: 1825  $\bar{N}$ : 32  $\bar{T}$ : 51

### 4.42.3 h\_j Independent Judiciary

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.



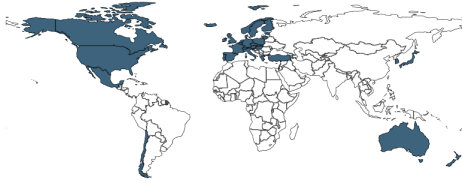
Min. Year:2016 Max. Year: 2016  
N: 36



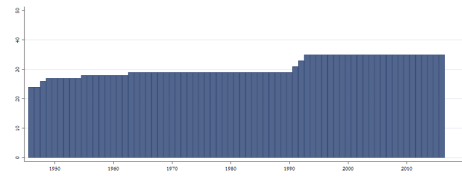
Min. Year:1960 Max. Year: 2016  
N: 36 n: 1825  $\bar{N}$ : 32  $\bar{T}$ : 51

### 4.42.4 h\_l1 Legislative Chamber

Dummy variable coded 1 if there is an effective legislative chamber (based on information from Polity's Executive Constraints, p\_xconst).



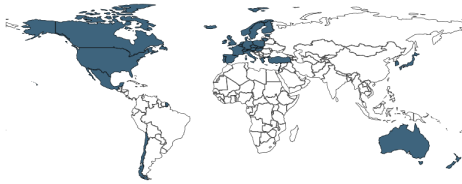
Min. Year:2016 Max. Year: 2016  
N: 36



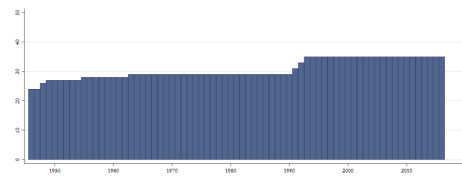
Min. Year:1946 Max. Year: 2016  
N: 36 n: 2201  $\bar{N}$ : 31  $\bar{T}$ : 61

#### 4.42.5 h\_l2 2nd Legislative Chamber

Dummy variable coded 1 if there is an effective second legislative chamber, namely, where  $h_{l1}=1$  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.



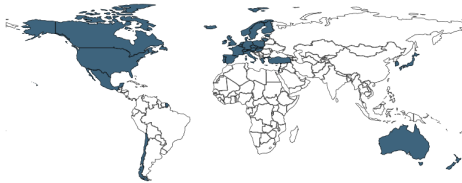
Min. Year:2016 Max. Year: 2016  
N: 36



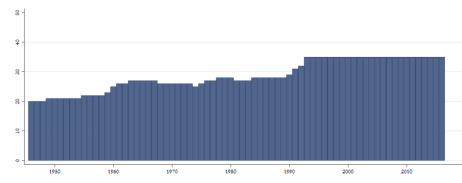
Min. Year:1946 Max. Year: 2016  
N: 36 n: 2201  $\bar{N}$ : 31  $\bar{T}$ : 61

#### 4.42.6 h\_lflo Legislative Fractionalization (lower)

Legislative fractionalization is approximately the probability that two random draws from the lower legislative chamber will be from different parties.



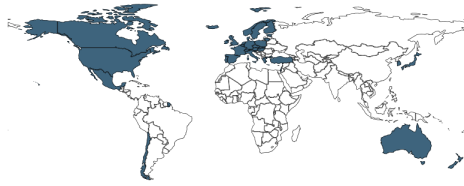
Min. Year:2016 Max. Year: 2016  
N: 36



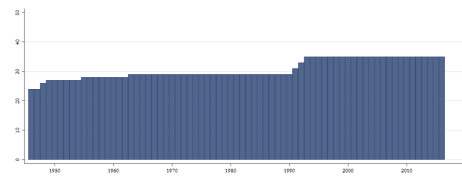
Min. Year:1946 Max. Year: 2016  
N: 36 n: 2060  $\bar{N}$ : 29  $\bar{T}$ : 57

#### 4.42.7 h\_polcon3 Political Constraints Index III

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.



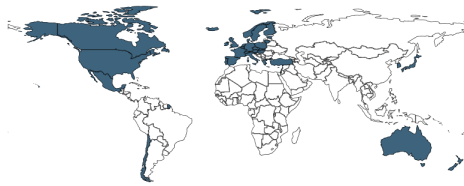
Min. Year:2016 Max. Year: 2016  
N: 36



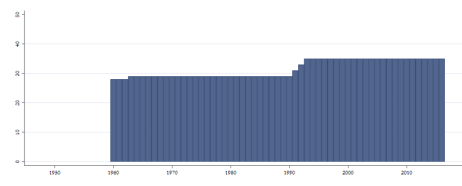
Min. Year:1946 Max. Year: 2016  
N: 36 n: 2201  $\bar{N}$ : 31  $\bar{T}$ : 61

#### 4.42.8 h\_polcon5 Political Constraints Index V

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: 36



Min. Year:1960 Max. Year: 2016  
N: 36 n: 1825  $\bar{N}$ : 32  $\bar{T}$ : 51

### 4.43 Heritage Foundation

<http://www.heritage.org/index/explore>

(Miller et al., 2019)

(Data downloaded: 2019-07-02)

#### 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.

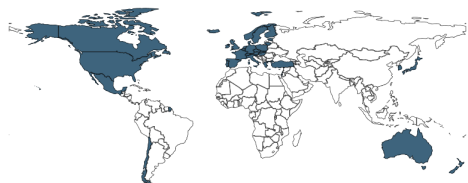
#### 4.43.1 hf\_business Business Freedom

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):

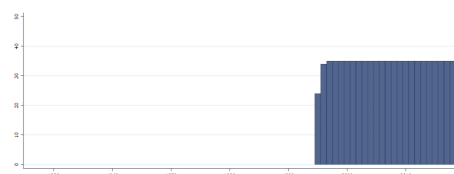
- Starting a business - procedures (number)
- Starting a business - time (days)
- Starting a business - cost (% of income per capita)
- Starting a business - minimum capital (% of income per capita)
- Obtaining a license - procedures (number)
- Obtaining a license - time (days)
- Obtaining a license - 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: 2016 Max. Year: 2017  
N: 36



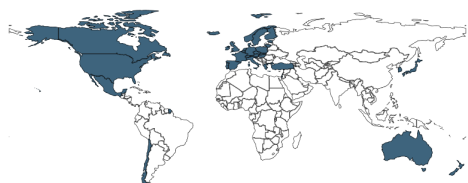
Min. Year: 1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25

#### 4.43.2 hf\_efscore Economic Freedom Index

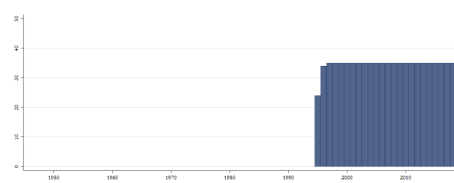
The Economic Freedom index uses 10 specific freedoms, some as composites of even further detailed and quantifiable components:

- 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.



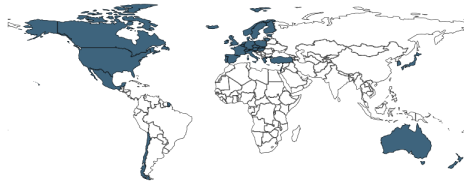
Min. Year: 2015 Max. Year: 2017  
N: 36



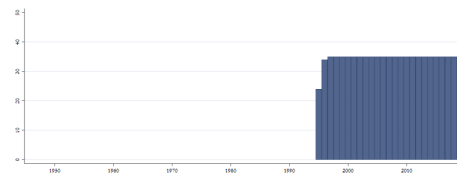
Min. Year: 1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25

#### 4.43.3 hf\_financ Financial Freedom

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: 36

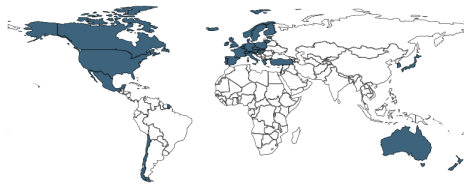


Min. Year:1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25

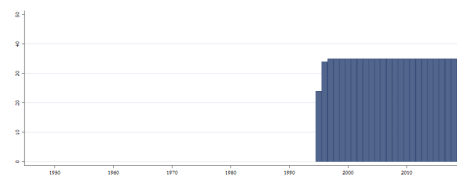
#### 4.43.4 hf\_govint Government Integrity

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.



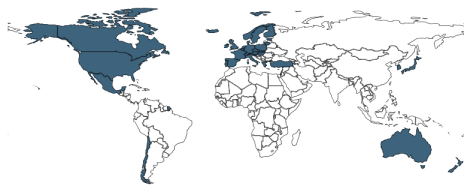
Min. Year:2016 Max. Year: 2016  
N: 36



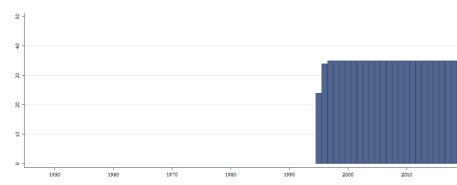
Min. Year:1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25

#### 4.43.5 hf\_govt Freedom from Government

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.



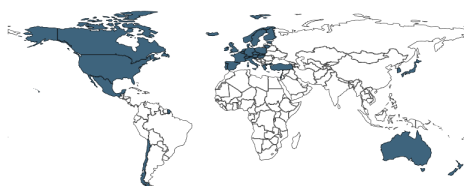
Min. Year:2016 Max. Year: 2017  
N: 36



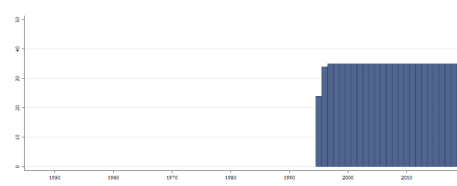
Min. Year:1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25

#### 4.43.6 hf\_invest Investment Freedom

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:2015 Max. Year: 2016  
N: 36

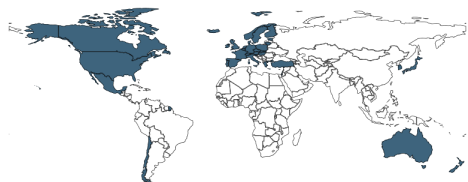


Min. Year:1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25



#### 4.43.7 hf\_labor Labor Freedom

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.



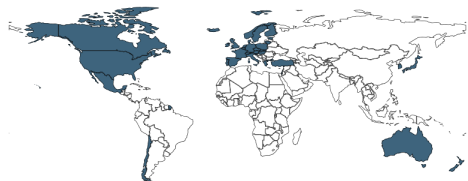
Min. Year:2016 Max. Year: 2017  
N: 36



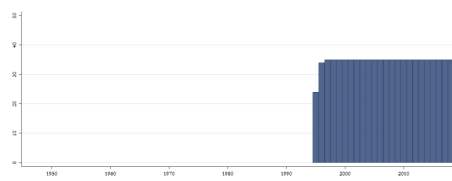
Min. Year:2005 Max. Year: 2019  
N: 36 n: 540  $\bar{N}$ : 36  $\bar{T}$ : 15

#### 4.43.8 hf\_monetary Monetary Freedom

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.



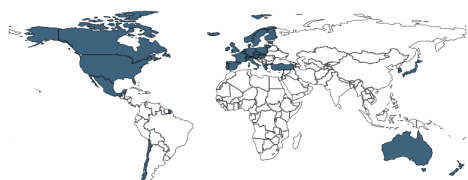
Min. Year:2016 Max. Year: 2017  
N: 36



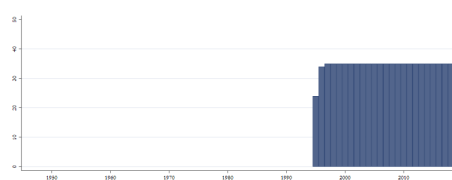
Min. Year:1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25

#### 4.43.9 hf\_prights Property Rights

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:2016 Max. Year: 2017  
N: 36



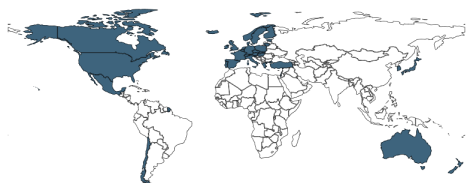
Min. Year:1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25

#### 4.43.10 hf\_taxbur Tax Burden

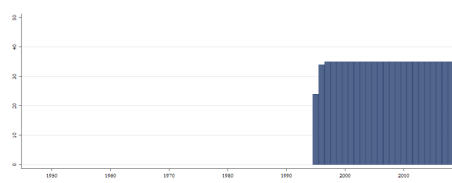
Tax burden is a composite measure that reflects marginal tax rates on both personal and corporate income and the overall level of taxation (including direct and indirect taxes imposed by all levels of

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.



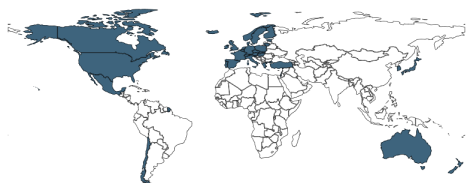
Min. Year:2013 Max. Year: 2017  
N: 36



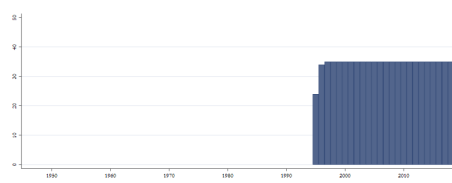
Min. Year:1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25

#### 4.43.11 hf\_trade Trade Freedom

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:2015 Max. Year: 2017  
N: 36



Min. Year:1995 Max. Year: 2019  
N: 36 n: 887  $\bar{N}$ : 35  $\bar{T}$ : 25

### 4.44 Hadenius and Teorell

<https://sites.google.com/site/authoritarianregimedata/dataset/data>  
(Wahman et al., 2013) (Hadenius & Teorell, 2007)  
(Data downloaded: 2019-06-27)

#### The Authoritarian Regime Dataset

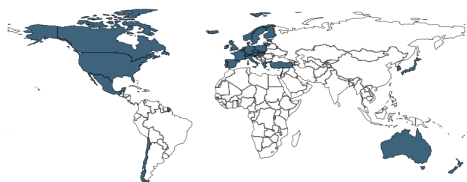
The Authoritarian Regimes Dataset version 6.0 covers the time period 1972-2014 and includes all 192 nations recognized as members of the UN except the four micro states of Europe (Andorra, Liechtenstein, Monaco and San Marino) and two micro states in the Pacific that are not members of the World Bank (Nauru and Tuvalu).

##### 4.44.1 ht\_colonial Colonial Origin

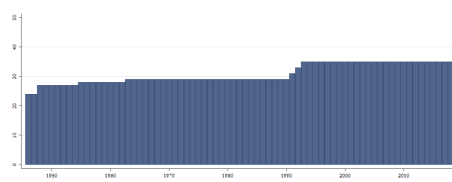
This is a tenfold classification of the former colonial ruler of the country. Following Bernard et al. (2004), we have excluded the British settler colonies (the US, Canada, Australia, Israel and New Zealand), and exclusively focused on “Western overseas” colonialism. This implies that only Western colonizers (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



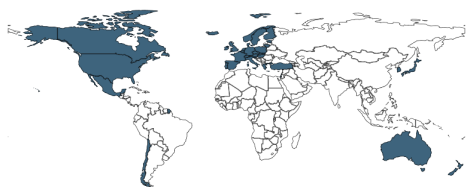
Min. Year: 2016 Max. Year: 2016  
N: 36



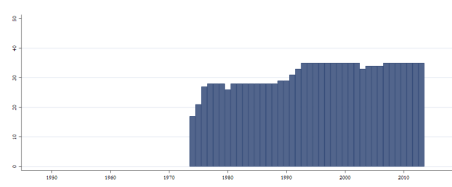
Min. Year: 1946 Max. Year: 2019  
N: 36 n: 2310  $\bar{N}$ : 31  $\bar{T}$ : 64

#### 4.44.2 ht\_partsz Size of Largest Party in Legislature (in Fractions)

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.



Min. Year: 2013 Max. Year: 2013  
N: 36

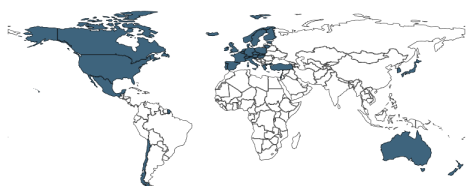


Min. Year: 1974 Max. Year: 2013  
N: 36 n: 1273  $\bar{N}$ : 32  $\bar{T}$ : 35

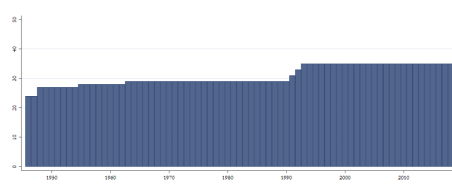
#### 4.44.3 ht\_region The Region of the Country

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: 2016 Max. Year: 2016  
N: 36

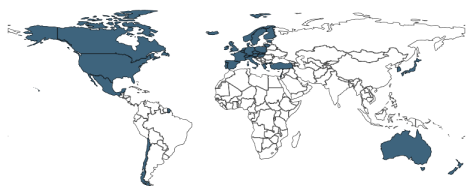


Min. Year: 1946 Max. Year: 2019  
N: 36 n: 2310  $\bar{N}$ : 31  $\bar{T}$ : 64

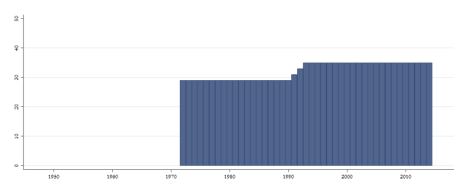
#### 4.44.4 ht\_regtype Regime Type

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:2013 Max. Year: 2014  
N: 36



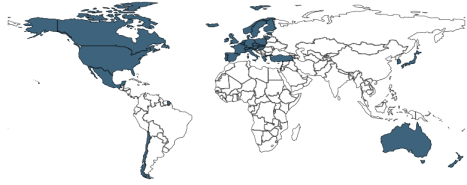
Min. Year:1972 Max. Year: 2014  
N: 36 n: 1408  $\bar{N}$ : 33  $\bar{T}$ : 39

#### 4.44.5 ht\_regtype1 Regime Type (simplified)

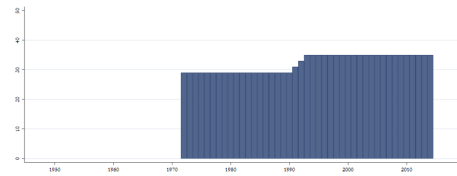
A simplified, collapsed version of ht\_regtype, where all monarchical regimes with amalgams [ht\_regtype =16, 17, 23 or 24] are treated as monarchies, all military regimes with sub-types and amalgams [ht\_regtype=4, 5, 6, 7 or 18] are treated as military regimes, and multiparty regimes with sub-types 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:2013 Max. Year: 2014  
N: 36



Min. Year:1972 Max. Year: 2014  
N: 36 n: 1408  $\bar{N}$ : 33  $\bar{T}$ : 39

#### 4.45 Institutions and Elections Project

<https://hvardhegre.net/iaep/>  
(Wig et al., 2015)  
(Data downloaded: 2019-11-08)

##### 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>

##### 4.45.1 iaep\_ae Appointment of Executive

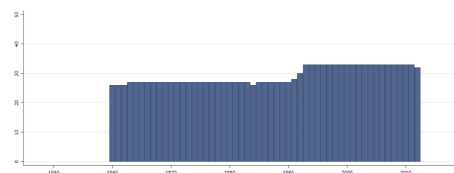
Is there an executive appointed either by a PM (that is, an executive who is also a member of the legislature) or a president (an independently selected executive)?

- 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: 34 n: 1571  $\bar{N}$ : 30  $\bar{T}$ : 46

### 4.45.2 iaep\_arr Appointment of Regional Representatives

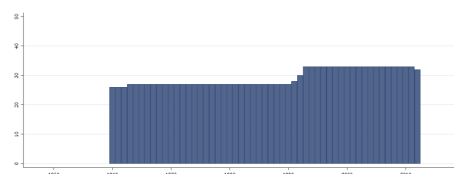
This variable examines the relationship between the central and regional governments, those which are immediately below the central government. We focus exclusively on states or provincial levels of government, municipalities are not coded. In practice, do regions or provinces:

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: 34 n: 1494  $\bar{N}$ : 28  $\bar{T}$ : 44

### 4.45.3 iaep\_basp Banning of Anti-System Parties

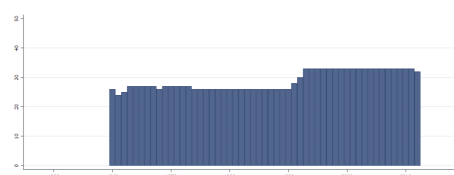
Does an anti-system platform determine the banning of parties?

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: 34 n: 1551  $\bar{N}$ : 29  $\bar{T}$ : 46

### 4.45.4 iaep\_bp Banned Parties

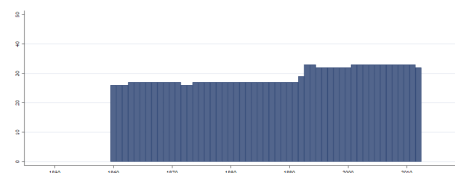
Are there banned parties?

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: 34 n: 1562  $\bar{N}$ : 29  $\bar{T}$ : 46

### 4.45.5 iaep\_callo Some other executive have the power to call elections

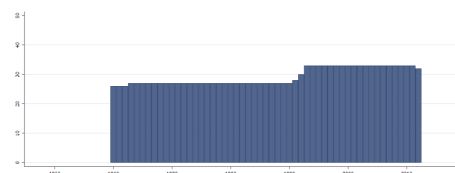
Does some other executive have the power to call elections?

- 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: 34 n: 1572  $\bar{N}$ : 30  $\bar{T}$ : 46

### 4.45.6 iaep\_cc Constitutional Court

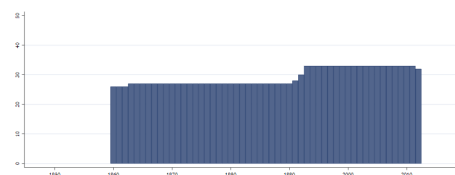
According to the constitution, does the country have a national constitutional court? In some cases, a council with the powers of a constitutional court may exist, though it may not be part of the formal judiciary. In such cases, this non-judicial council with the powers of a constitutional court is 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: 34 n: 1559  $\bar{N}$ : 29  $\bar{T}$ : 46

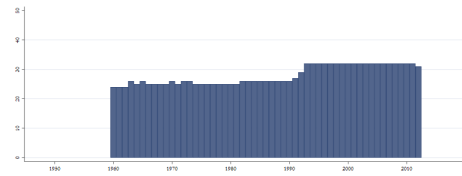
### 4.45.7 iaep\_const The Age of the Constitution (years)

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: 33 n: 1500  $\bar{N}$ : 28  $\bar{T}$ : 45

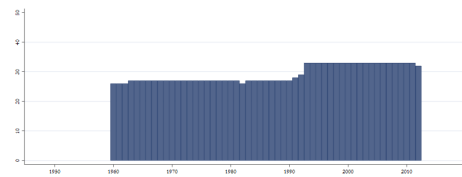
### 4.45.8 iaep\_constin The Time the Constitution has been in Effect (years)

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: 34 n: 1570  $\bar{N}$ : 30  $\bar{T}$ : 46

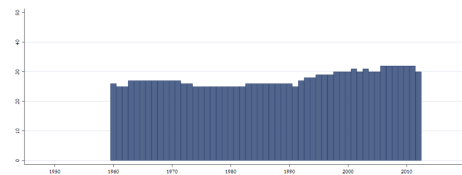
### 4.45.9 iaep\_constlam The Time since the Last Amendment of Constitution (years)

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: 34 n: 1484  $\bar{N}$ : 28  $\bar{T}$ : 44

### 4.45.10 iaep\_ebbp Ethnicity Based Banning of Parties

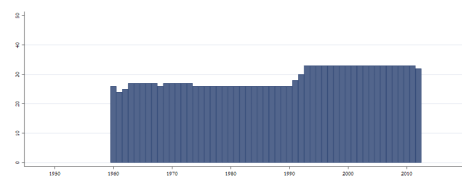
Does ethnic makeup determine the banning of parties?

- 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: 34 n: 1551  $\bar{N}$ : 29  $\bar{T}$ : 46



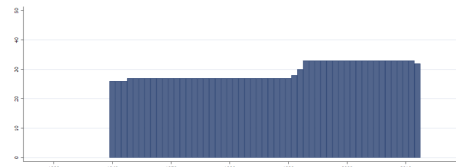
#### 4.45.11 iaep\_eccdt Executive Can Change Domestic Taxes

Can an executive change domestic taxes (excluding import/export tariffs) without legislative approval?

- 0. No
- 1. Yes

Source: IACP (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: 34 n: 1499  $\bar{N}$ : 28  $\bar{T}$ : 44

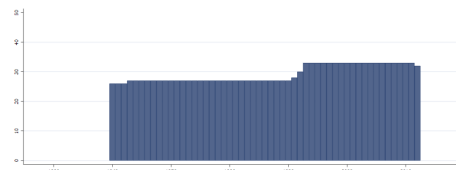
#### 4.45.12 iaep\_ecdl Executive Can Dissolve Legislature

According to the constitution, can an executive dissolve the legislature?

- 0. No
- 1. Yes

Source: IACP (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: 34 n: 1517  $\bar{N}$ : 29  $\bar{T}$ : 45

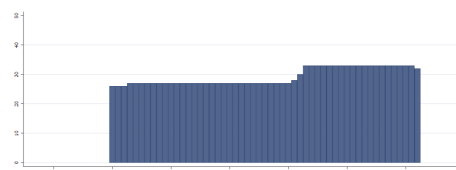
#### 4.45.13 iaep\_eml Executive is Member of Legislature

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: IACP (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: 34 n: 1439  $\bar{N}$ : 27  $\bar{T}$ : 42

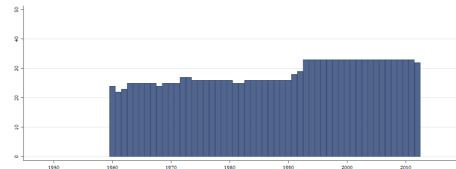
#### 4.45.14 iaep\_enlc Executive Nomination of Legislature Candidates

Does executive nomination establish how the field of candidates who stand for legislative elections is determined?

- 0. No
- 1. Yes

Source: IACP (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: 34 n: 1524  $\bar{N}$ : 29  $\bar{T}$ : 45

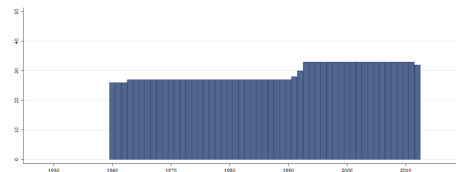
#### 4.45.15 iaep\_epmf Executive Power over Military Force

Does an executive have the power to use military force abroad without legislative approval?

- 0. No
- 1. Yes

Source: IACP (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: 34 n: 1517  $\bar{N}$ : 29  $\bar{T}$ : 45

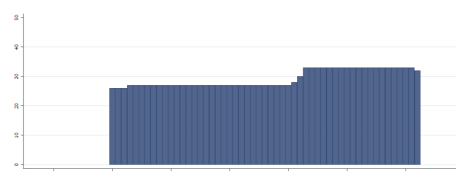
#### 4.45.16 iaep\_es Electoral System

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: IACP (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: 34 n: 1516  $\bar{N}$ : 29  $\bar{T}$ : 45

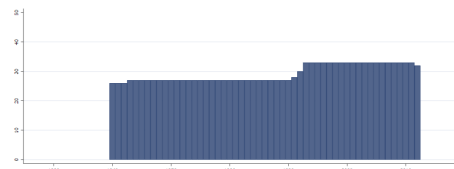
#### 4.45.17 iaep\_evp Executive Veto Power

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: 34 n: 1534  $\bar{N}$ : 29  $\bar{T}$ : 45

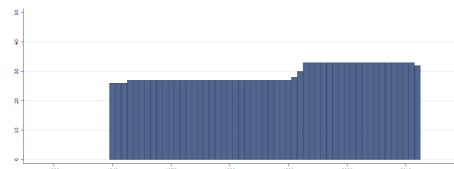
#### 4.45.18 iaep\_is Independence of Selection of Executive

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: 34 n: 1551  $\bar{N}$ : 29  $\bar{T}$ : 46

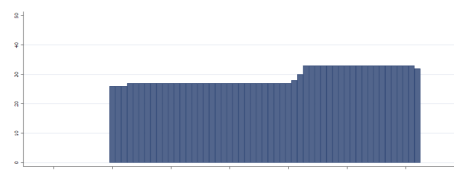
#### 4.45.19 iaep\_lap Legislature Approves Budget

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: 34 n: 1493  $\bar{N}$ : 28  $\bar{T}$ : 44

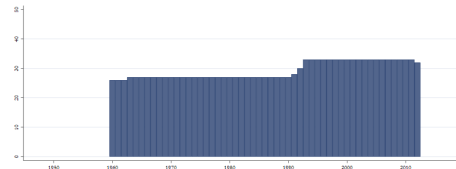
#### 4.45.20 iaep\_lcre Legislature Can Remove Executive

According to the constitution, can the legislature remove an executive from office?

- 0. No
- 1. Yes

Source: IACP (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: 34 n: 1548  $\bar{N}$ : 29  $\bar{T}$ : 46

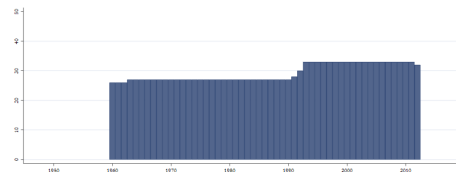
#### 4.45.21 iaep\_lego Some other executive have the power to introduce legislation

Does some other executive have the power to introduce legislation in the legislature?

- 0. No
- 1. Yes

Source: IACP (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: 34 n: 1572  $\bar{N}$ : 30  $\bar{T}$ : 46

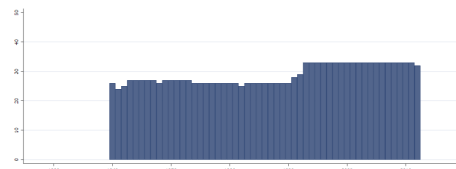
#### 4.45.22 iaep\_lrit Legislature's Ratification of International Treaties

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: IACP (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: 34 n: 1549  $\bar{N}$ : 29  $\bar{T}$ : 46

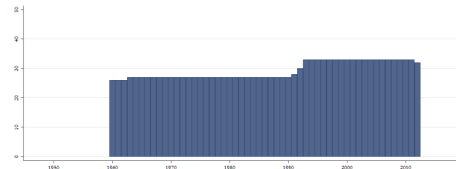
#### 4.45.23 iaep\_lvp Legislature Veto Power

Does the legislature have the constitutional power to stop executive action, in effect a legislative veto?

- 0. No
- 1. Yes

Source: IACP (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: 34 n: 1521  $\bar{N}$ : 29  $\bar{T}$ : 45

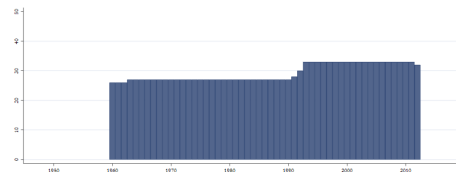
#### 4.45.24 iaep\_milo Some other executive have the power to use force abroad

Is the power to use military force vested in some other executive?

- 0. No
- 1. Yes

Source: IACP (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: 34 n: 1572  $\bar{N}$ : 30  $\bar{T}$ : 46

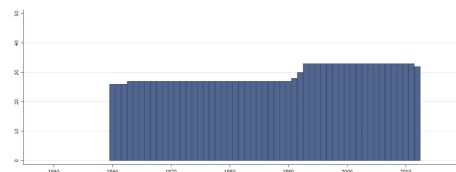
#### 4.45.25 iaep\_nee National Elections for an Executive

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: IACP (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: 34 n: 1572  $\bar{N}$ : 30  $\bar{T}$ : 46

#### 4.45.26 iaep\_nel National Elections for the Legislature

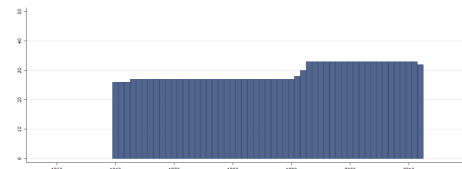
Does the country hold national elections for the legislature We consider national elections to involve subjecting the members of the legislature to some form of popular plebiscite. While seats may be divided into districts, we consider national elections to occur when district-wide elections are organized at the national level.

- 0. No
- 1. Yes

Source: IAEF (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: 34 n: 1551  $\bar{N}$ : 29  $\bar{T}$ : 46

#### 4.45.27 iaep\_npa No Parties Allowed

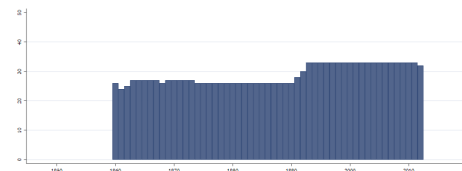
Are no parties allowed?

- 0. No
- 1. Yes

Source: IAEF (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: 34 n: 1551  $\bar{N}$ : 29  $\bar{T}$ : 46

#### 4.45.28 iaep\_nr National Referendums

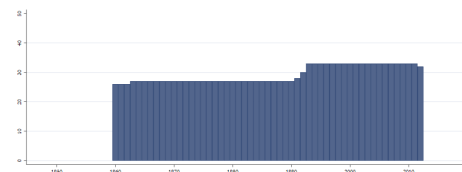
Does the country hold national elections on referendum items?

- 0. No
- 1. Yes

Source: IAEF (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: 34 n: 1494  $\bar{N}$ : 28  $\bar{T}$ : 44

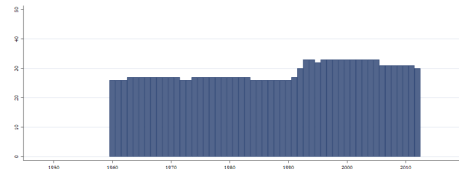
#### 4.45.29 iaep\_osp Official State Party

Is there an official state party?

- 0. No
- 1. Yes

Source: IAEF (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: 34 n: 1547  $\bar{N}$ : 29  $\bar{T}$ : 46

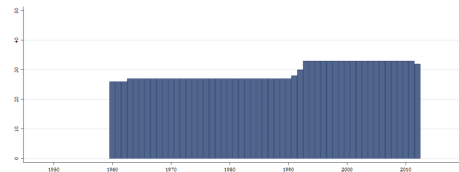
#### 4.45.30 iaep\_pm5p Parties with More than 5 Percent

How many parties hold at least 5% of seats in the legislature?

- 1. One
- 2. Two
- 3. More than two

Source: IAEF (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: 34 n: 1519  $\bar{N}$ : 29  $\bar{T}$ : 45

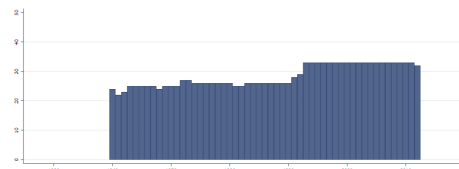
#### 4.45.31 iaep\_pnlc Party Nomination of Legislature Candidates

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: IAEF (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: 34 n: 1524  $\bar{N}$ : 29  $\bar{T}$ : 45

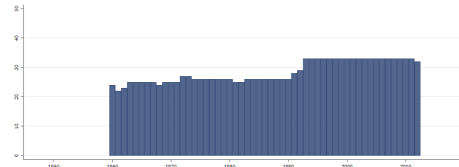
#### 4.45.32 iaep\_pselc Petition Signatures Establish Legislature Candidates

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: 34 n: 1524  $\bar{N}$ : 29  $\bar{T}$ : 45

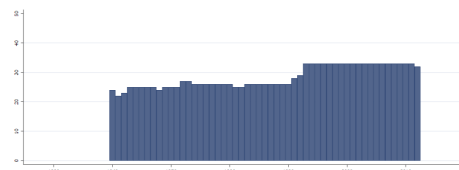
#### 4.45.33 iaep\_pvelc Party Vote Establish Legislature Candidates

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: 34 n: 1524  $\bar{N}$ : 29  $\bar{T}$ : 45

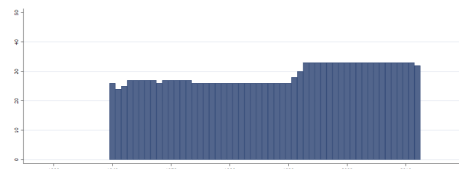
#### 4.45.34 iaep\_rbbp Religion Based Banning of Parties

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: 34 n: 1551  $\bar{N}$ : 29  $\bar{T}$ : 46



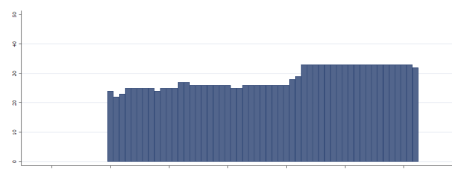
#### 4.45.35 iaep\_snlc Self-Nomination of Legislature Candidates

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: 34 n: 1524  $\bar{N}$ : 29  $\bar{T}$ : 45

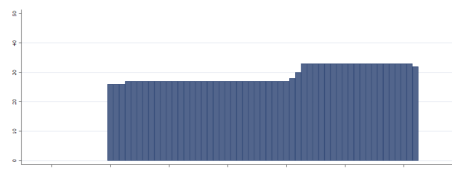
#### 4.45.36 iaep\_ufs Unitary or Federal State

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: 34 n: 1544  $\bar{N}$ : 29  $\bar{T}$ : 45

### 4.46 International Country Risk Guide - The PRS Group

<https://www.prsgroup.com/about-us/our-two-methodologies/icrg>

(PRS Group et al., 2019)

(Data downloaded: 2019-07-08)

#### ICRG Indicator of Quality of Government

ICRG collects political information and financial and economic data, converting these into risk points.

##### 4.46.1 icrg\_qog ICRG Indicator of Quality of Government

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.

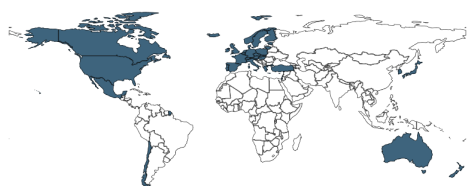
Law and order (originally 6 points)

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).

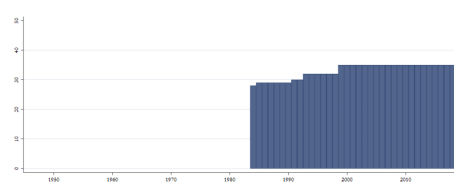
Bureaucracy Quality (originally 4 points)

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:2016 Max. Year: 2016  
N: 36



Min. Year:1984 Max. Year: 2018  
N: 36 n: 1174  $\bar{N}$ : 34  $\bar{T}$ : 33

#### 4.47 International Centre for Tax and Development and UNU-WIDER

<https://www.wider.unu.edu/project/government-revenue-dataset>

(ICTD/UNU-WIDER, 2019)

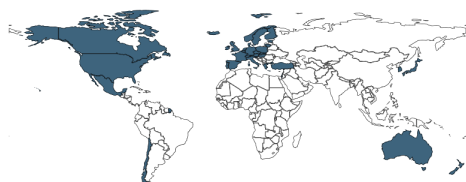
(Data downloaded: 2019-11-07)

## ICTD/UNU-WIDER Government Revenue Dataset

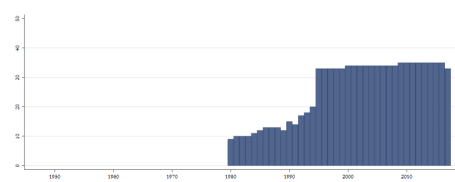
The GRD aims to present a complete picture of government revenue and tax trends over time and allows for analysis at the country, regional or cross-country level. Where possible, figures are expressed both inclusive and exclusive of natural resource revenues, which helps to overcome a major obstacle to cross-country comparisons in existing data sources.

### 4.47.1 ictd\_nontax Consolidated Non-Tax Revenue

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.



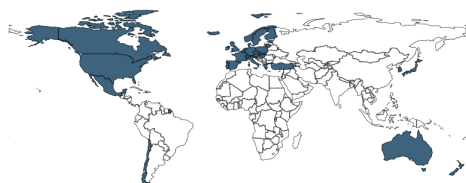
Min. Year:2013 Max. Year: 2017  
N: 36



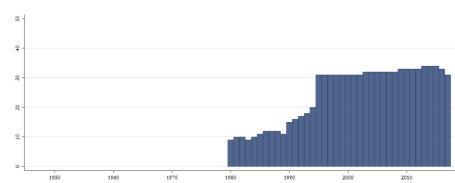
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1004  $\bar{N}$ : 26  $\bar{T}$ : 28

### 4.47.2 ictd\_revexsc Revenue (excluding social contributions)

Total government revenue, excluding social contributions.



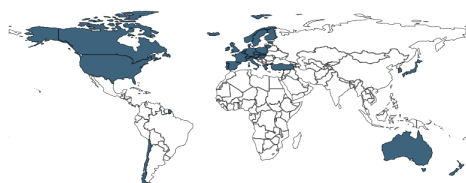
Min. Year:2013 Max. Year: 2017  
N: 35



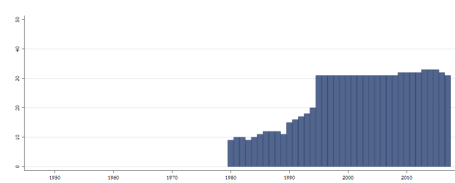
Min. Year:1980 Max. Year: 2017  
N: 35 n: 953  $\bar{N}$ : 25  $\bar{T}$ : 27

### 4.47.3 ictd\_revinsc Revenue (including social contributions)

Total government revenue including taxes, non-tax revenue, grants and social contributions.



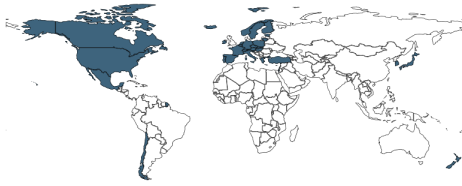
Min. Year:2013 Max. Year: 2017  
N: 34



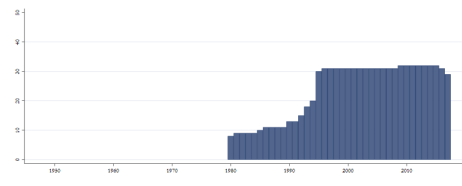
Min. Year:1980 Max. Year: 2017  
N: 34 n: 942  $\bar{N}$ : 25  $\bar{T}$ : 28

### 4.47.4 ictd\_revres Total Resource Revenue

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.



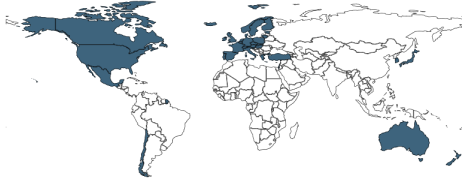
Min. Year:2013 Max. Year: 2017  
N: 33



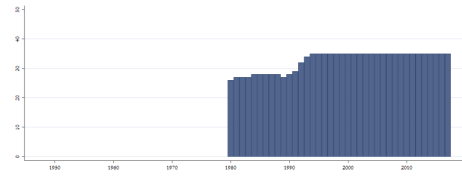
Min. Year:1980 Max. Year: 2017  
N: 33 n: 920  $\bar{N}$ : 24  $\bar{T}$ : 28

#### 4.47.5 ictd\_soccon Social Contributions

Total social contributions.



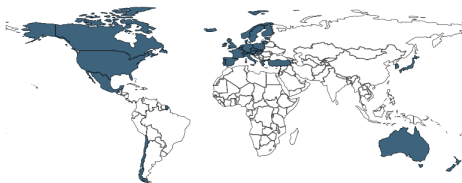
Min. Year:2013 Max. Year: 2017  
N: 36



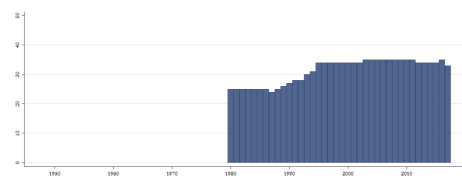
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1260  $\bar{N}$ : 33  $\bar{T}$ : 35

#### 4.47.6 ictd\_taxcorp Taxes on Corporations and Other Enterprises

Total income and profit taxes on corporations, including taxes on resource firms.



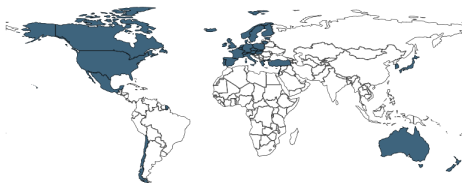
Min. Year:2013 Max. Year: 2017  
N: 36



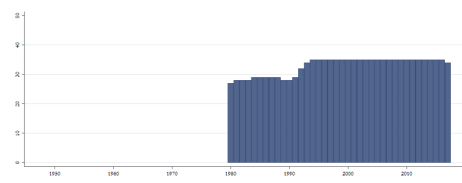
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1211  $\bar{N}$ : 32  $\bar{T}$ : 34

#### 4.47.7 ictd\_taxexc Taxes (excluding social contributions)

Total tax revenue, excluding social contributions.



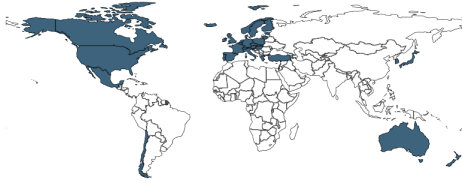
Min. Year:2013 Max. Year: 2017  
N: 36



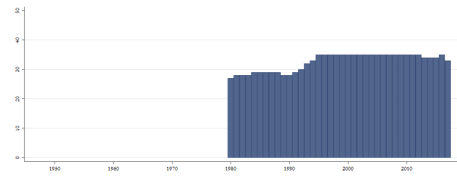
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1269  $\bar{N}$ : 33  $\bar{T}$ : 35

#### 4.47.8 ictd\_taxgs Taxes on Goods and Services

Total taxes on goods and services, which includes (but it not necessarily always equal to) sales taxes and excise taxes.



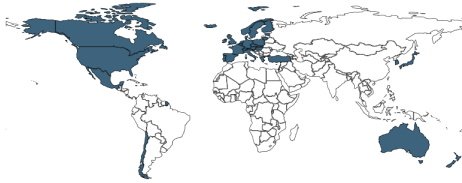
Min. Year:2013 Max. Year: 2017  
N: 36



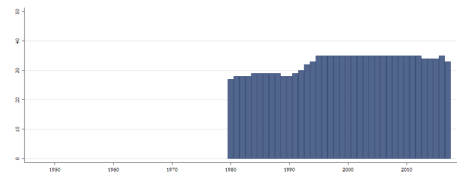
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1259  $\bar{N}$ : 33  $\bar{T}$ : 35

#### 4.47.9 ictd\_taxinc Taxes on Income, Profits, and Capital Gains

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.



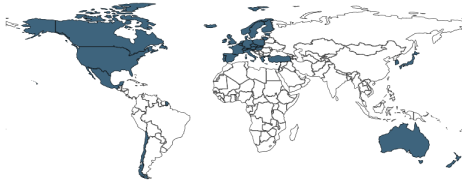
Min. Year:2013 Max. Year: 2017  
N: 36



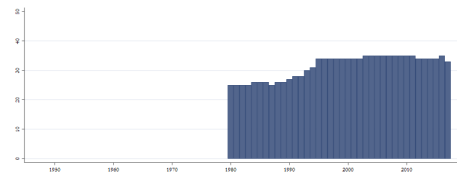
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1259  $\bar{N}$ : 33  $\bar{T}$ : 35

#### 4.47.10 ictd\_taxind Taxes on Individuals

Total income, capital gains and profit taxes on individuals. This figure is always exclusive of resource revenues in available sources.



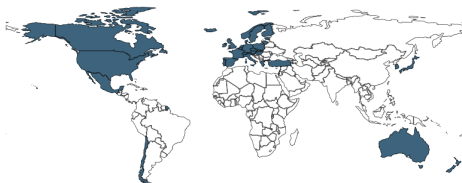
Min. Year:2013 Max. Year: 2017  
N: 36



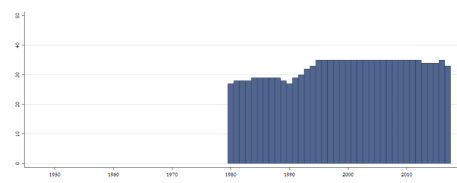
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1213  $\bar{N}$ : 32  $\bar{T}$ : 34

#### 4.47.11 ictd\_taxindirect Indirect Taxes

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.



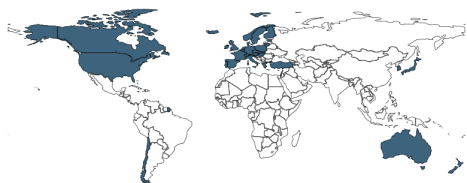
Min. Year:2013 Max. Year: 2017  
N: 36



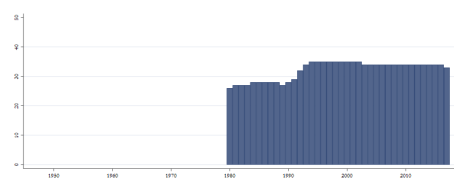
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1261  $\bar{N}$ : 33  $\bar{T}$ : 35

#### 4.47.12 ictd\_taxinsc Taxes (including social contributions)

Total tax revenue, including social contributions.



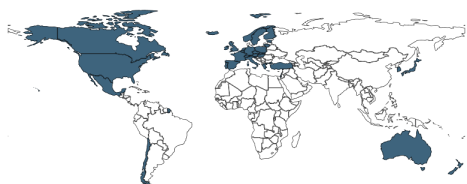
Min. Year:2013 Max. Year: 2017  
N: 35



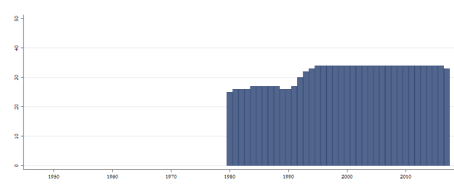
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1247  $\bar{N}$ : 33  $\bar{T}$ : 35

#### 4.47.13 ictd\_taxnresexsc Non-resource Tax (excluding social contributions)

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.



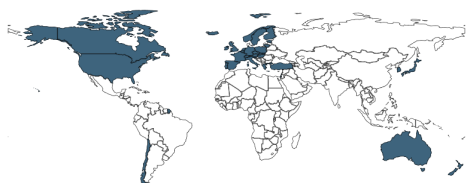
Min. Year:2013 Max. Year: 2017  
N: 35



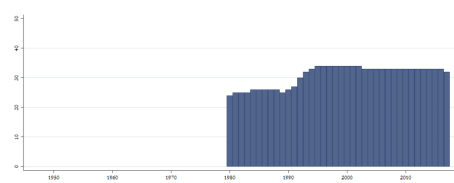
Min. Year:1980 Max. Year: 2017  
N: 35 n: 1216  $\bar{N}$ : 32  $\bar{T}$ : 35

#### 4.47.14 ictd\_taxnresinsc Non-Resource Tax (including social contributions)

Total non-resource tax revenue, including social contributions. Calculated as “Taxes including social contributions” minus “resource taxes”.



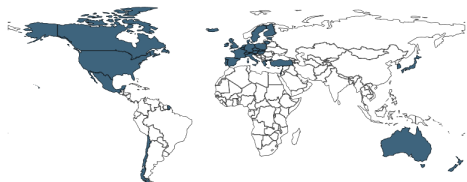
Min. Year:2013 Max. Year: 2017  
N: 34



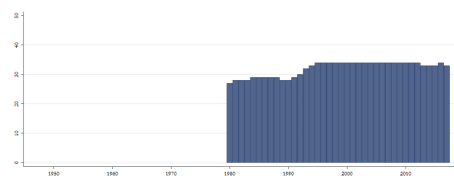
Min. Year:1980 Max. Year: 2017  
N: 35 n: 1194  $\bar{N}$ : 31  $\bar{T}$ : 34

#### 4.47.15 ictd\_taxother Other Taxes

Total other taxes.



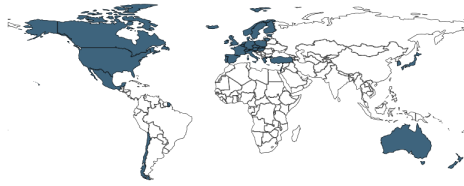
Min. Year:2013 Max. Year: 2017  
N: 35



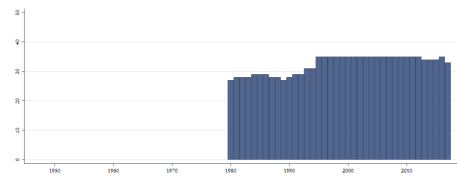
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1237  $\bar{N}$ : 33  $\bar{T}$ : 34

#### 4.47.16 ictd\_taxpaywf Taxes on Payroll and Workforce

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.



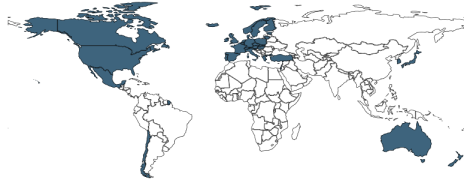
Min. Year:2013 Max. Year: 2017  
N: 36



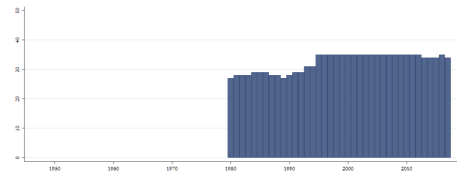
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1252  $\bar{N}$ : 33  $\bar{T}$ : 35

#### 4.47.17 ictd\_taxprop Taxes on Property

Total taxes on property.



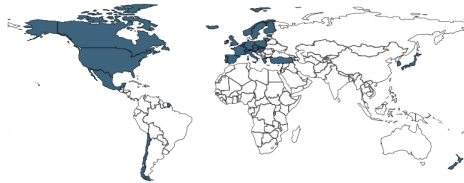
Min. Year:2013 Max. Year: 2017  
N: 36



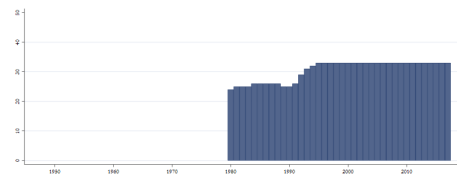
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1253  $\bar{N}$ : 33  $\bar{T}$ : 35

#### 4.47.18 ictd\_taxres Resource Taxes

Component of reported tax revenue that is from natural resource sources, most often corporate taxation of resource firms.



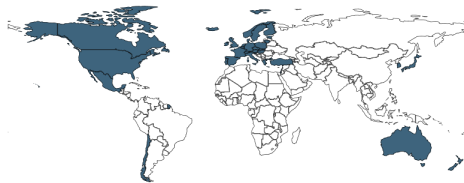
Min. Year:2013 Max. Year: 2017  
N: 34



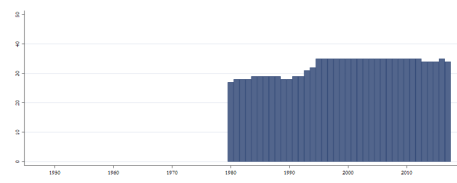
Min. Year:1980 Max. Year: 2017  
N: 34 n: 1182  $\bar{N}$ : 31  $\bar{T}$ : 35

#### 4.47.19 ictd\_taxtrade Taxes on International Trade and Transactions

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:2013 Max. Year: 2017  
N: 36



Min. Year:1980 Max. Year: 2017  
N: 36 n: 1257  $\bar{N}$ : 33  $\bar{T}$ : 35

### 4.48 Institute for Democracy and Electoral Assistance

<https://www.idea.int/data-tools/data/electoral-system-design>  
(The International Institute for Democracy and Electoral Assistance, 2019a)  
(Data downloaded: 2019-07-10)

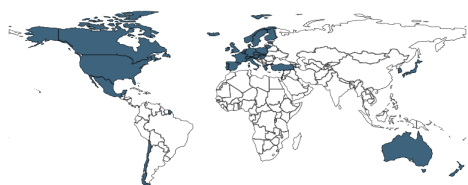
## Electoral System Design

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.

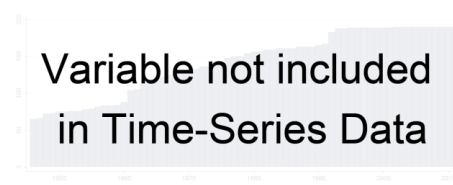
### 4.48.1 ideaesd\_esf Electoral System Family

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: 2013 Max. Year: 2019  
N: 36



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

### 4.48.2 ideaesd\_esnl Electoral System for the National Legislature

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

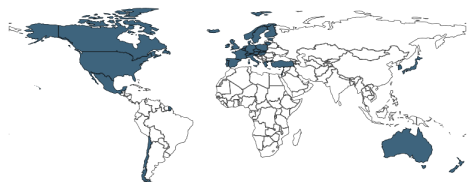
17. Modified Borda Count (Modified BC)

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

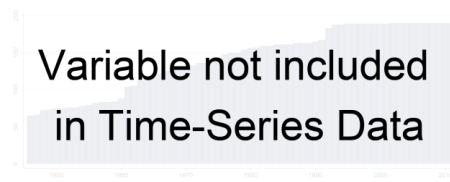
the highest total(s) is/are declared elected.

18. Two-Round System, Party Block Vote, List Proportional Representation (TRS PBV List PR)

19. No direct elections.



Min. Year: 2013 Max. Year: 2019  
N: 36



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

#### 4.48.3 ideaesd\_esp Electoral System for the President

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.

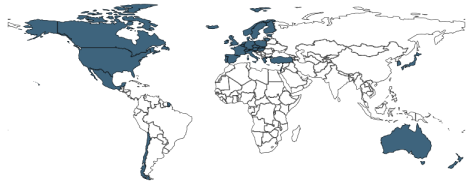
##### 4. Single Transferable Vote (STV)

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.

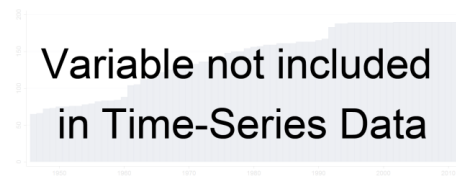
##### 5. In Transition

##### 6. Other

##### 7. Not applicable



Min. Year: 2013 Max. Year: 2019  
N: 36

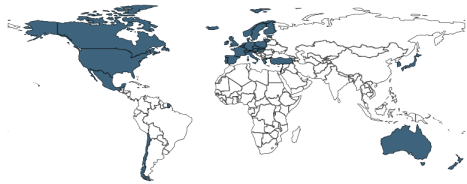


Variable not included  
in Time-Series Data

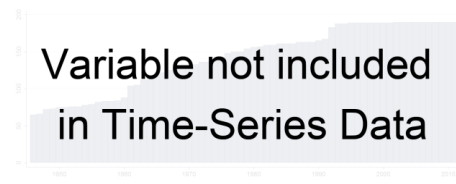
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.48.4 ideaesd\_lsde Legislative Size (Directly Elected)

Legislative size, directly elected. Total number of directly elected representatives, excluding those appointed or indirectly elected.



Min. Year: 2013 Max. Year: 2019  
N: 36

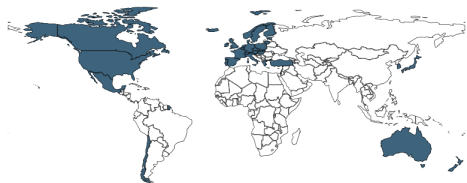


Variable not included  
in Time-Series Data

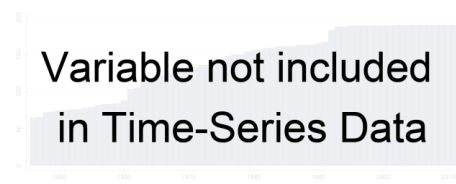
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.48.5 ideaesd\_lsvm Legislative Size (Voting Members)

Legislative size, voting members. Total number of directly elected representatives, including those appointed or indirectly elected.



Min. Year: 2013 Max. Year: 2019  
N: 36

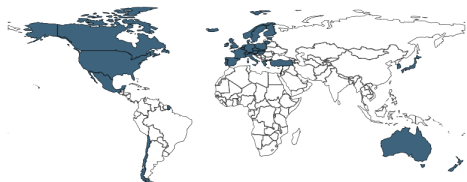


Variable not included  
in Time-Series Data

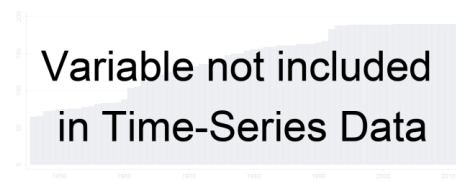
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.48.6 ideaesd\_tiers Number of 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: 2013 Max. Year: 2019  
N: 36



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

### 4.49 Institute for Democracy and Electoral Assistance

<https://www.idea.int/data-tools/data/voter-turnout>

(The International Institute for Democracy and Electoral Assistance, 2019b)

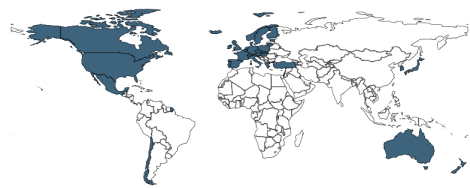
(Data downloaded: 2019-07-10)

### Voter Turnout Database

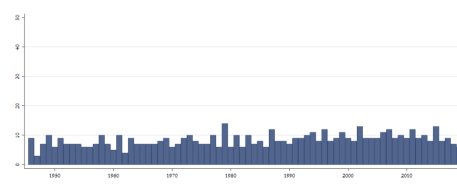
The Voter Turnout Database is the best resource for a wide array of statistics on voter turnout from around the world. It contains the most comprehensive global collection of voter turnout statistics from presidential and parliamentary elections since 1945. Always growing, the database also includes 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.

#### 4.49.1 ideavt\_legcv Parliamentary Election: Compulsory Voting

Parliamentary Election: Compulsory Voting



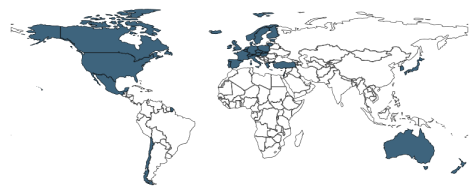
Min. Year:2013 Max. Year: 2018  
N: 36



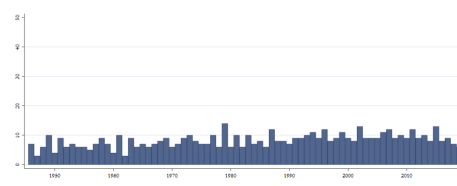
Min. Year:1946 Max. Year: 2019  
N: 36 n: 632  $\bar{N}$ : 9  $\bar{T}$ : 18

#### 4.49.2 ideavt\_legvt Parliamentary Election: Voter Turnout

Parliamentary Election: Voter Turnout



Min. Year:2013 Max. Year: 2018  
N: 36



Min. Year:1946 Max. Year: 2019  
N: 36 n: 620  $\bar{N}$ : 8  $\bar{T}$ : 17

### 4.50 Institute for Health Metrics and Evaluation

<http://www.healthdata.org/gbd>

(Global Burden of Disease Collaborative Network, 2018)

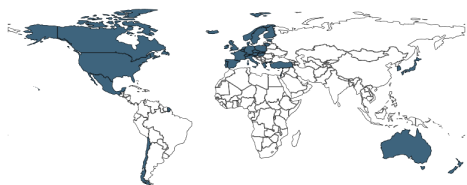
(Data downloaded: 2019-11-12)

#### Global Burden of Disease Study 2017

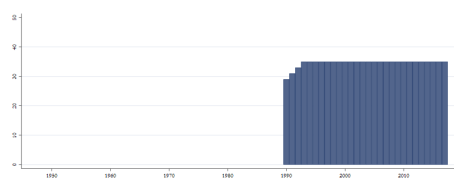
IHME provides rigorous and comparable measurement of the world's most important health problems and evaluates the strategies used to address them.

##### 4.50.1 ihme\_hle\_0104f Healthy Life Years, Female, Age 1-4 years

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.



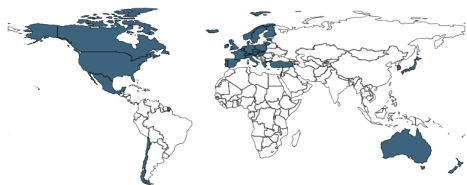
Min. Year:2016 Max. Year: 2016  
N: 36



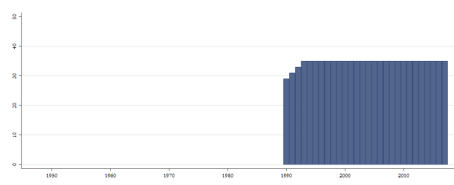
Min. Year:1990 Max. Year: 2017  
N: 36 n: 994  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.50.2 ihme\_hle\_0104m Healthy Life Years, Male, Age 1-4 years

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.



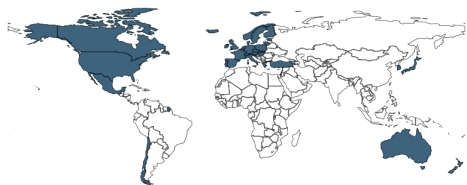
Min. Year:2016 Max. Year: 2016  
N: 36



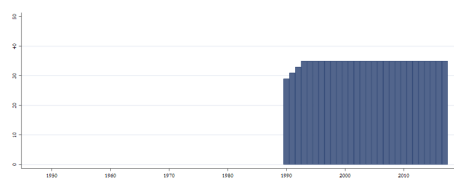
Min. Year:1990 Max. Year: 2017  
N: 36 n: 994  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.50.3 ihme\_hle\_0104t Healthy Life Years, Both sexes, Age 1-4 years

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.



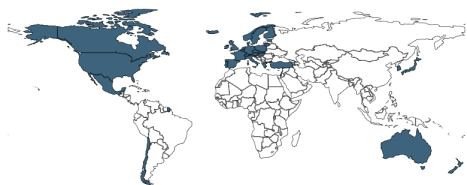
Min. Year:2016 Max. Year: 2016  
N: 36



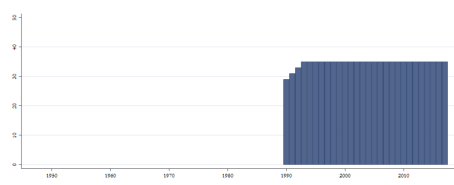
Min. Year:1990 Max. Year: 2017  
N: 36 n: 994  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.50.4 ihme\_lifexp\_0104f Life Expectancy, Female, Age 1-4 years

Life Expectancy, Female, Age 1-4 years. Life expectancy is the number of years a person can expect to live at any given age.



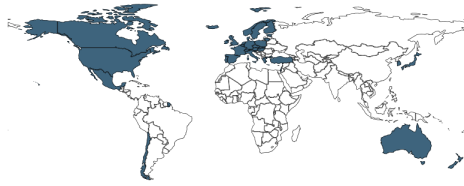
Min. Year:2016 Max. Year: 2016  
N: 36



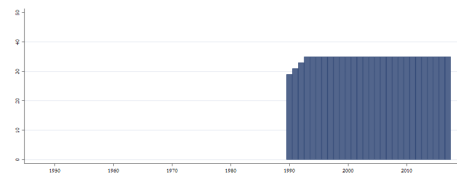
Min. Year:1990 Max. Year: 2017  
N: 36 n: 994  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.50.5 ihme\_lifexp\_0104m Life Expectancy, Male, Age 1-4 years

Life Expectancy, Male, Age 1-4 years. Life expectancy is the number of years a person can expect to live at any given age.



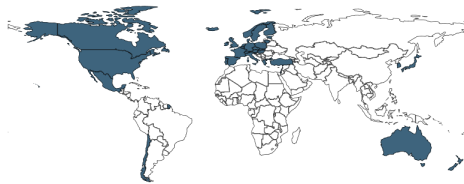
Min. Year:2016 Max. Year: 2016  
N: 36



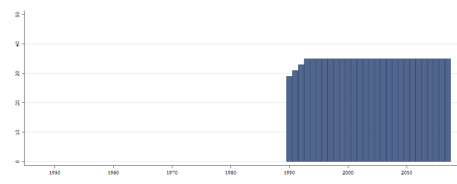
Min. Year:1990 Max. Year: 2017  
N: 36 n: 994  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.50.6 ihme\_lifexp\_0104t Life Expectancy, Both sexes, Age 1-4 years

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:2016 Max. Year: 2016  
N: 36



Min. Year:1990 Max. Year: 2017  
N: 36 n: 994  $\bar{N}$ : 36  $\bar{T}$ : 28

### 4.51 ERCAS European Research Centre for Anti-Corruption and State-Building

<http://integrity-index.org/>  
(Mungiu-Pippidi et al., 2019)  
(Data downloaded: 2019-11-04)

#### 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.

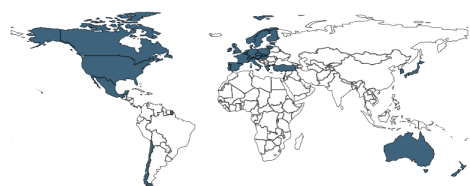
Several indices currently show that corruption remains a key issue not only in developing countries but also in many modern societies. How to control it better has thus become a major question of international development. Yet, the common corruption indices tell us mainly about how citizens and experts 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.

#### 4.51.1 ipi\_ab Administrative Burden (index)

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.



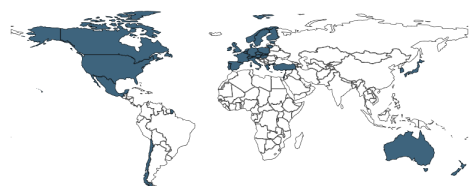
Min. Year: 2016 Max. Year: 2018  
N: 35

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

#### 4.51.2 ipi\_e E-Citizenship (index)

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.



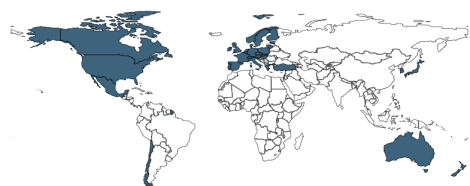
Min. Year: 2016 Max. Year: 2018  
N: 35

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

#### 4.51.3 ipi\_ipi Index of Public Integrity (overall)

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.



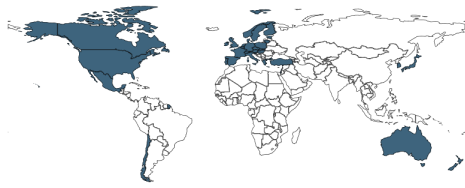
Min. Year: 2016 Max. Year: 2018  
N: 35

Variable not included  
in Time-Series Data

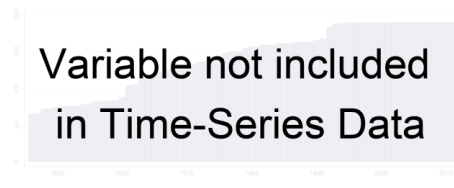
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.51.4 ipi\_tradeopen Trade Openness (index)

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: 2016 Max. Year: 2018  
N: 35



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

## 4.52 Inter-Parliamentary Union

<http://www.ipu.org/wmn-e/world-arc.htm>  
(Inter-Parliamentary Union, 2019)  
(Data downloaded: 2018-09-19)

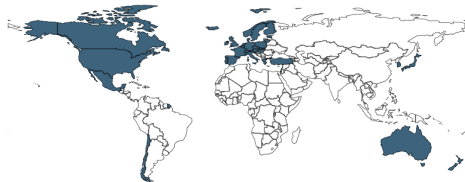
### Inter-Parliamentary Union Data

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.

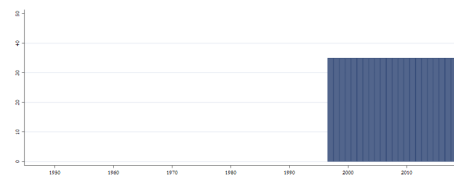
Note: The figures for South Africa on the distribution of seats in the Upper House do not include the 36 special rotating delegates appointed on an ad hoc basis, and all percentages given are therefore calculated on the basis of the 54 permanent seats. Included in the QoG Dataset are the data for January each year.

#### 4.52.1 ipu\_1\_s Number of Seats (Lower and Single Houses)

Number of Seats (Lower and Single Houses).



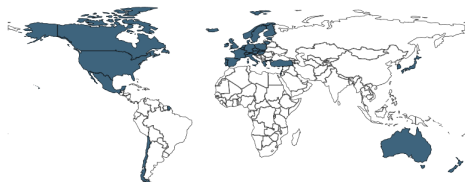
Min. Year: 2016 Max. Year: 2017  
N: 36



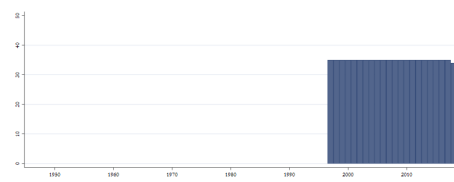
Min. Year: 1997 Max. Year: 2018  
N: 36 n: 792  $\bar{N}$ : 36  $\bar{T}$ : 22

#### 4.52.2 ipu\_1\_sw Share of Women (Lower and Single Houses)

Share of Women (Lower and Single Houses).



Min. Year: 2016 Max. Year: 2017  
N: 36

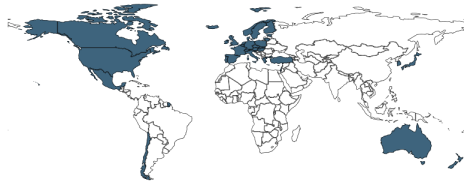


Min. Year: 1997 Max. Year: 2018  
N: 36 n: 791  $\bar{N}$ : 36  $\bar{T}$ : 22

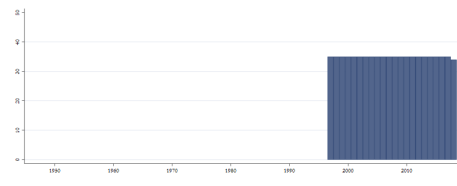
#### 4.52.3 ipu\_1\_w Number of Women (Lower and Single Houses)

Number of Women (Lower and Single Houses).





Min. Year:2016 Max. Year: 2017  
N: 36



Min. Year:1997 Max. Year: 2018  
N: 36 n: 791  $\bar{N}$ : 36  $\bar{T}$ : 22

## 4.53 Johnson and Wallack

<https://dataverse.harvard.edu/dataset.xhtml?persistentId=hd1:1902.1/17901>

(Johnson & Wallack, 2012)

(Data downloaded: 2019-07-16)

### Electoral Systems and the Personal Vote

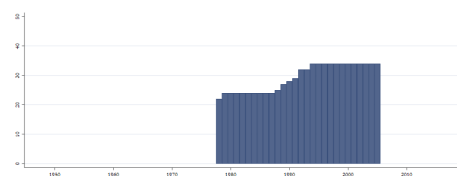
This database updates and expands the coding of electoral systems presented in Gaviria et al's (2003) Database of Particularism. Data now cover up to 180 countries from 1978-2005 and distinguish electoral systems by the degree to which electoral institutions create incentives for candidates to cultivate 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.

#### 4.53.1 jw\_avgballot Party Control over Ballot (lower/only house)

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: 35 n: 832  $\bar{N}$ : 30  $\bar{T}$ : 24

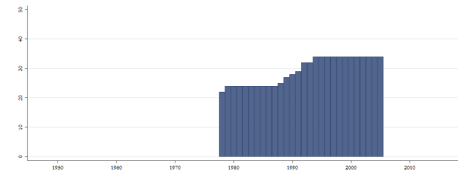
#### 4.53.2 jw\_avgpool Sharing of Votes among Candidates (lower/only house)

Country-level weighted averages of Sharing of Votes among Candidates - SMD (lower/only house) (jw\_smdpool) and Sharing of Votes among Candidates - MMD (lower/only house) (jw\_mmdpool),

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



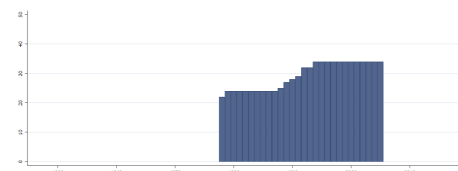
Min. Year: 1978 Max. Year: 2005  
N: 35 n: 832  $\bar{N}$ : 30  $\bar{T}$ : 24

#### 4.53.3 jw\_avgvote Candidate or Party-specific Voting (lower/only house)

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



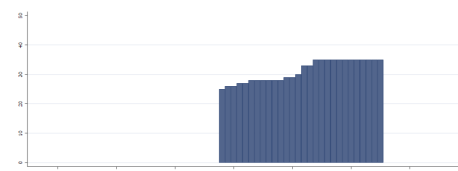
Min. Year: 1978 Max. Year: 2005  
N: 35 n: 832  $\bar{N}$ : 30  $\bar{T}$ : 24

#### 4.53.4 jw\_bicameral Bicameral System

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: 36 n: 886  $\bar{N}$ : 32  $\bar{T}$ : 25

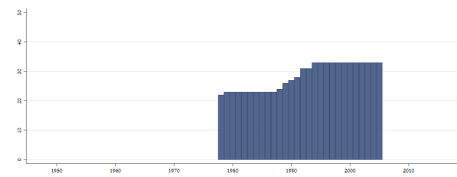
#### 4.53.5 jw\_domr Dominant or Populous Tier

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



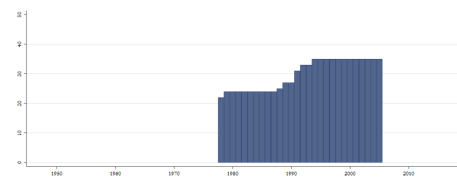
Min. Year: 1978 Max. Year: 2005  
N: 34 n: 805  $\bar{N}$ : 29  $\bar{T}$ : 24

### 4.53.6 jw\_election Year of Election (lower/only house)

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



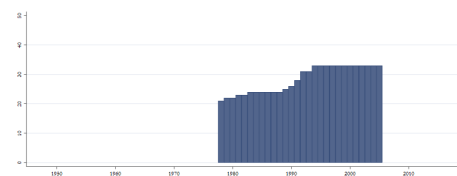
Min. Year: 1978 Max. Year: 2005  
N: 36 n: 847  $\bar{N}$ : 30  $\bar{T}$ : 24

### 4.53.7 jw\_indy Ballot Access for Independent Candidates (lower/only house)

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



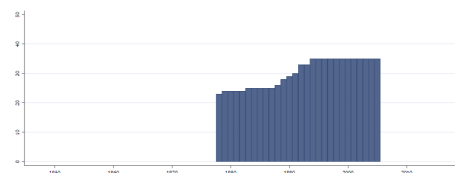
Min. Year: 1978 Max. Year: 2005  
N: 34 n: 805  $\bar{N}$ : 29  $\bar{T}$ : 24

### 4.53.8 jw\_legsize Number of Coded Legislators (lower/only house)

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



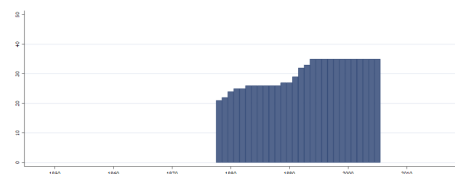
Min. Year: 1978 Max. Year: 2005  
N: 36 n: 856  $\bar{N}$ : 31  $\bar{T}$ : 24

### 4.53.9 jw\_mdistr Average District Magnitude (lower/only house)

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\_mdistr) 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



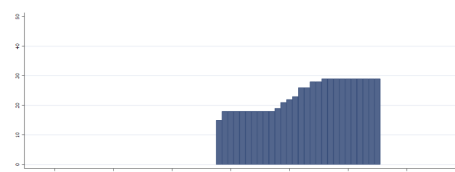
Min. Year: 1978 Max. Year: 2005  
N: 36 n: 854  $\bar{N}$ : 31  $\bar{T}$ : 24

### 4.53.10 jw\_mmdballot Party Control over Ballot - MMD (lower/only house)

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



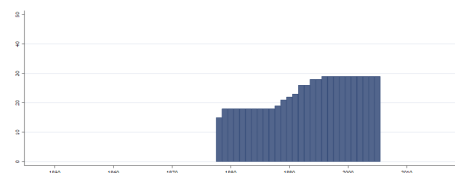
Min. Year: 1978 Max. Year: 2005  
N: 30 n: 673  $\bar{N}$ : 24  $\bar{T}$ : 22

### 4.53.11 jw\_mmdpool Sharing of Votes among Candidates - MMD (lower/only house)

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



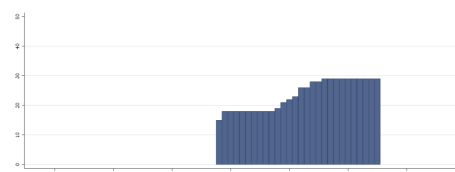
Min. Year: 1978 Max. Year: 2005  
N: 30 n: 673  $\bar{N}$ : 24  $\bar{T}$ : 22

### 4.53.12 jw\_mmdvote Candidate or Party-specific Voting - MMD (lower/only house)

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



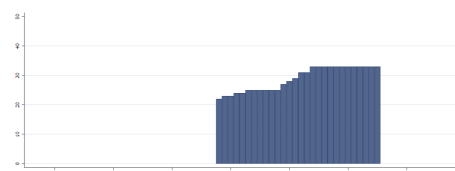
Min. Year: 1978 Max. Year: 2005  
N: 30 n: 673  $\bar{N}$ : 24  $\bar{T}$ : 22

### 4.53.13 jw\_multiround Runoff Elections

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: 34 n: 821  $\bar{N}$ : 29  $\bar{T}$ : 24

### 4.53.14 jw\_multitier Multi Tier (lower/only house)

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



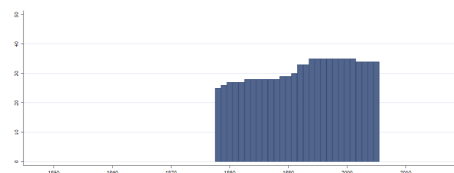
Min. Year: 1978 Max. Year: 2005  
N: 35 n: 834  $\bar{N}$ : 30  $\bar{T}$ : 24

### 4.53.15 jw\_oneparty Single Party System

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



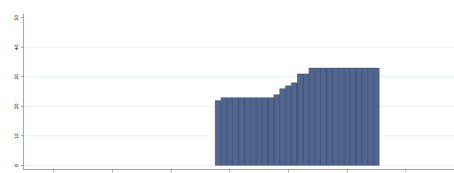
Min. Year: 1978 Max. Year: 2005  
N: 36 n: 883  $\bar{N}$ : 32  $\bar{T}$ : 25

### 4.53.16 jw\_persr Personalistic Tier

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



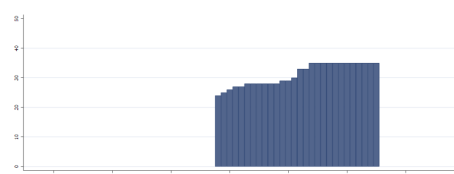
Min. Year: 1978 Max. Year: 2005  
N: 34 n: 805  $\bar{N}$ : 29  $\bar{T}$ : 24

### 4.53.17 jw\_propcoded Proportion Coded Legislators (lower/only house)

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



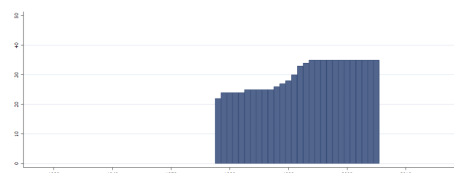
Min. Year: 1978 Max. Year: 2005  
N: 36 n: 884  $\bar{N}$ : 32  $\bar{T}$ : 25

### 4.53.18 jw\_propmmd Seats from Multi-Member Districts (lower/only house)

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



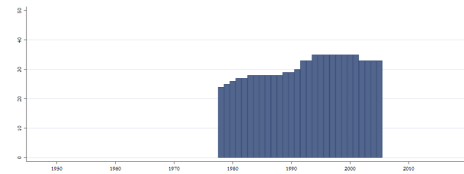
Min. Year: 1978 Max. Year: 2005  
N: 36 n: 854  $\bar{N}$ : 31  $\bar{T}$ : 24

### 4.53.19 jw\_propn Seats from a National District (lower/only house)

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



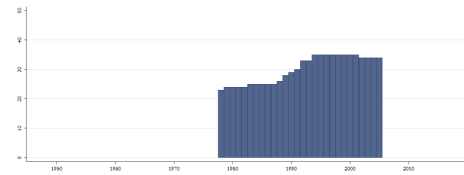
Min. Year: 1978 Max. Year: 2005  
N: 36 n: 876  $\bar{N}$ : 31  $\bar{T}$ : 24

### 4.53.20 **jw\_propsm** Seats from Single-Member Districts (lower/only house)

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



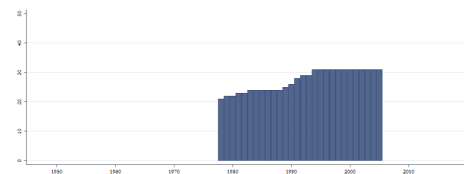
Min. Year: 1978 Max. Year: 2005  
N: 36 n: 852  $\bar{N}$ : 30  $\bar{T}$ : 24

### 4.53.21 **jw\_rank** Rank Vote (lower/only house)

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



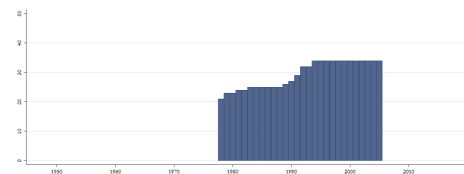
Min. Year: 1978 Max. Year: 2005  
N: 32 n: 777  $\bar{N}$ : 28  $\bar{T}$ : 24

### 4.53.22 **jw\_tiervote** Tiervote (lower/only house)

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: 35 n: 832  $\bar{N}$ : 30  $\bar{T}$ : 24

## 4.54 Aljaz Kunčič

<https://sites.google.com/site/aljaskuncic/research>

(Kunčič, 2014)

(Data downloaded: 2018-07-04)

## Institutional Quality Dataset

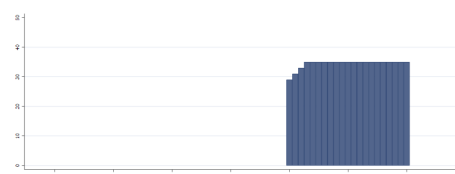
More than 30 established institutional indicators can be clustered into three homogeneous groups of formal institutions: legal, political and economic, which capture to a large extent the complete formal institutional environment of a country. The latent qualities of legal, political and economic institutions 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.

### 4.54.1 kun\_cluster Cluster memberships based on means

Cluster membership based on means.

Variable not included  
in Cross-Section Data

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



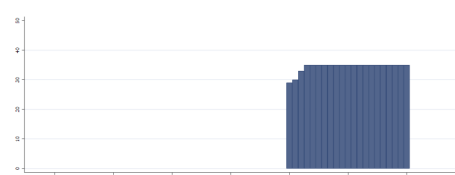
Min. Year:1990 Max. Year: 2010  
N: 36 n: 742  $\bar{N}$ : 35  $\bar{T}$ : 21

### 4.54.2 kun\_ecoabs Absolute economic institutional quality(simple averages)

Absolute economic institutional quality(simple averages).

Variable not included  
in Cross-Section Data

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



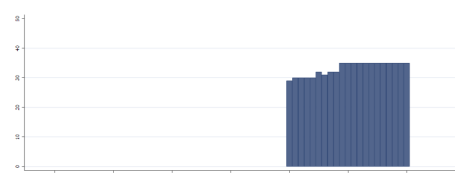
Min. Year:1990 Max. Year: 2010  
N: 36 n: 741  $\bar{N}$ : 35  $\bar{T}$ : 21

### 4.54.3 kun\_ecorel Economic institutional quality (relative factor scores)

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: 36 n: 708  $\bar{N}$ : 34  $\bar{T}$ : 20

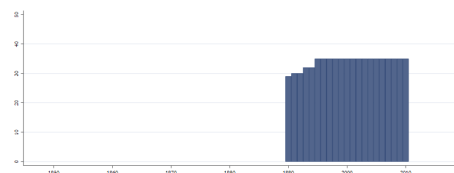
### 4.54.4 kun\_legabs Absolute legal institutional quality (simple averages)

Absolute legal institutional quality (simple averages).



## Variable not included in Cross-Section Data

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



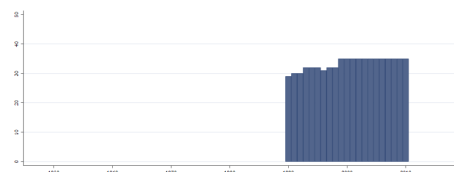
Min. Year:1990 Max. Year: 2010  
N: 36 n: 729  $\bar{N}$ : 35  $\bar{T}$ : 20

### 4.54.5 kun\_legrel Legal institutional quality (relative factor scores)

Legal institutional quality (relative factor scores).

## Variable not included in Cross-Section Data

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



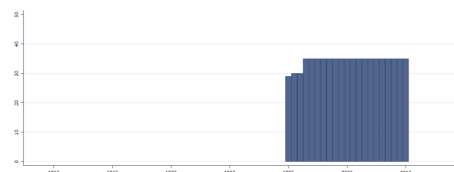
Min. Year:1990 Max. Year: 2010  
N: 36 n: 712  $\bar{N}$ : 34  $\bar{T}$ : 20

### 4.54.6 kun\_polabs Absolute political institutional quality (simple averages)

Absolute political institutional quality (simple averages).

## Variable not included in Cross-Section Data

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



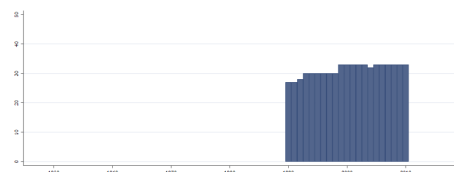
Min. Year:1990 Max. Year: 2010  
N: 36 n: 738  $\bar{N}$ : 35  $\bar{T}$ : 21

### 4.54.7 kun\_polrel Political institutional quality (relative factor scores)

Political institutional quality (relative factor scores).

## Variable not included in Cross-Section Data

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



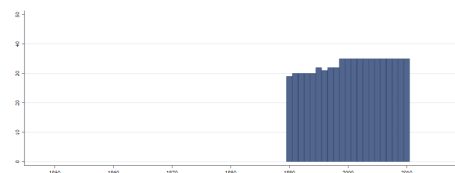
Min. Year:1990 Max. Year: 2010  
N: 34 n: 669  $\bar{N}$ : 32  $\bar{T}$ : 20

### 4.54.8 kun\_wiqreco\_all Economic World Institutional Quality Ranking (all countries)

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



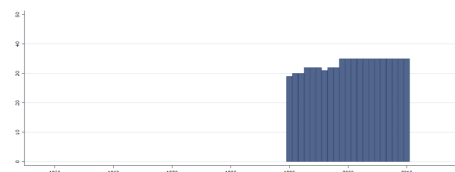
Min. Year: 1990 Max. Year: 2010  
N: 36 n: 708  $\bar{N}$ : 34  $\bar{T}$ : 20

### 4.54.9 kun\_wiqrleg\_all Legal World Institutional Quality Ranking (all countries)

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: 36 n: 712  $\bar{N}$ : 34  $\bar{T}$ : 20

### 4.54.10 kun\_wiqrpol\_all Political World Institutional Quality Ranking (all countries)

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: 34 n: 669  $\bar{N}$ : 32  $\bar{T}$ : 20

## 4.55 Maddison Historical Statistics

<https://www.rug.nl/ggdc/historicaldevelopment/maddison/releases/maddison-project-database-2018>

(Bolt et al., 2018)

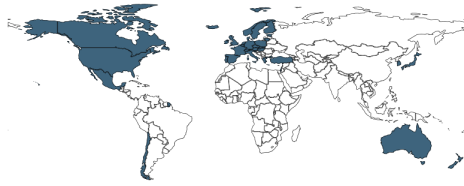
(Data downloaded: 2019-07-08)

### Maddison Project Database 2018

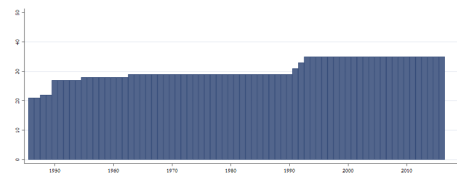
The Maddison Project Database provides information on comparative economic growth and income levels over the very long run. The 2018 version of this database covers 169 countries and the period up to 2016.

#### 4.55.1 mad\_gdppc Real GDP per Capita

Real GDP per capita in 2011 US dollars, multiple benchmarks.



Min. Year:2015 Max. Year: 2016  
N: 36



Min. Year:1946 Max. Year: 2016  
N: 36 n: 2186  $\bar{N}$ : 31  $\bar{T}$ : 61

## 4.56 Hyde and Marinov

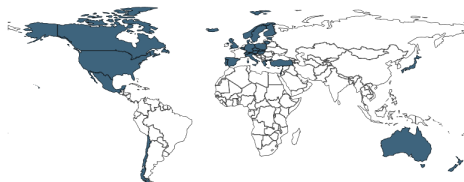
<http://www.nelda.co/>  
(Hyde & Marinov, 2012)  
(Data downloaded: 2020-01-21)

### National Elections Across Democracy and Autocracy V5

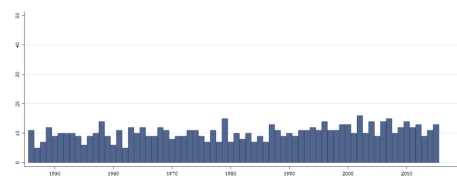
The National Elections across Democracy and Autocracy (NELDA) dataset provides detailed information on all election events from 1945-2015. To be included, elections must be for a national executive figure, such as a president, or for a national legislative body, such as a parliament, legislature, constituent 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.

#### 4.56.1 nelda\_fme First Multiparty Election

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.



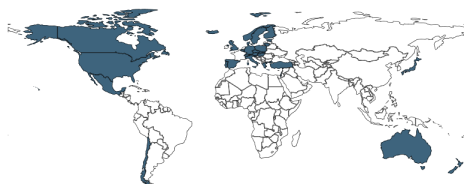
Min. Year:2013 Max. Year: 2015  
N: 32



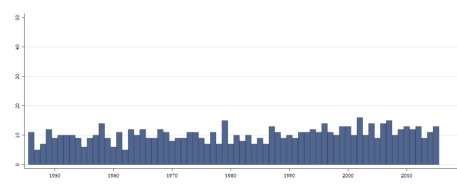
Min. Year:1946 Max. Year: 2015  
N: 36 n: 732  $\bar{N}$ : 10  $\bar{T}$ : 20

#### 4.56.2 nelda\_mbbe Media Bias before Election

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.



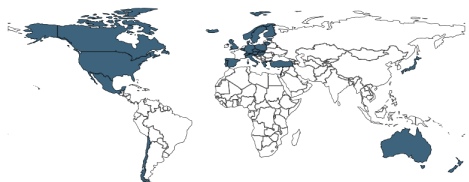
Min. Year:2013 Max. Year: 2015  
N: 32



Min. Year:1946 Max. Year: 2015  
N: 36 n: 730  $\bar{N}$ : 10  $\bar{T}$ : 20

#### 4.56.3 nelda\_mtop Was More Than One Party Legal

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.



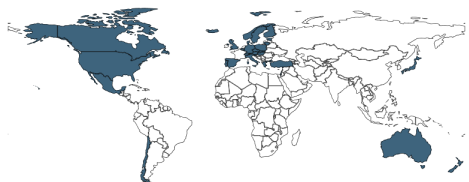
Min. Year:2013 Max. Year: 2015  
N: 32



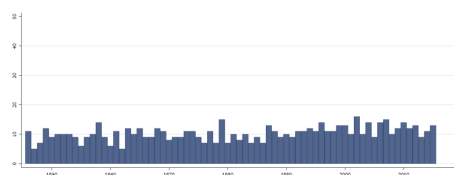
Min. Year:1946 Max. Year: 2015  
N: 36 n: 732  $\bar{N}$ : 10  $\bar{T}$ : 20

#### 4.56.4 nelda\_noe Number of Elections, Total

The number of Elections during the year (counting legislative, executive and constituent assembly elections).



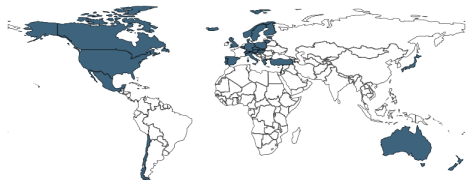
Min. Year:2013 Max. Year: 2015  
N: 32



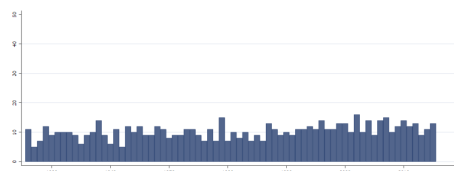
Min. Year:1946 Max. Year: 2015  
N: 36 n: 732  $\bar{N}$ : 10  $\bar{T}$ : 20

#### 4.56.5 nelda\_noea Number of Elections, Constituent Assembly

Number of constituent assembly elections during the year.



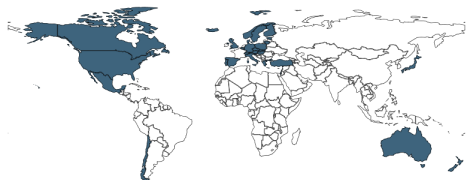
Min. Year:2013 Max. Year: 2015  
N: 32



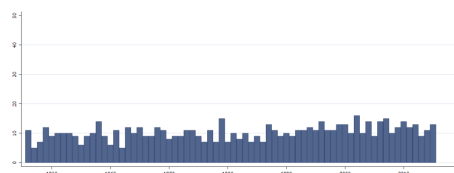
Min. Year:1946 Max. Year: 2015  
N: 36 n: 732  $\bar{N}$ : 10  $\bar{T}$ : 20

#### 4.56.6 nelda\_noee Number of Elections, Executive

Number of executive elections during the year.



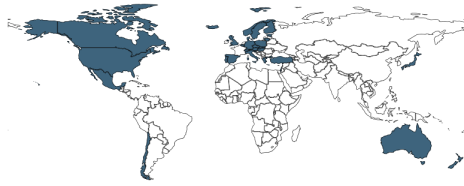
Min. Year:2013 Max. Year: 2015  
N: 32



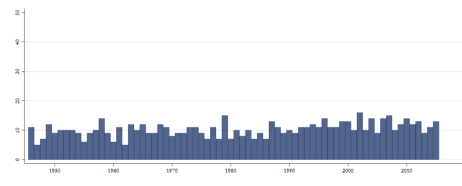
Min. Year:1946 Max. Year: 2015  
N: 36 n: 732  $\bar{N}$ : 10  $\bar{T}$ : 20

#### 4.56.7 nelda\_noel Number of Elections, Legislative

Number of legislative elections during the year.



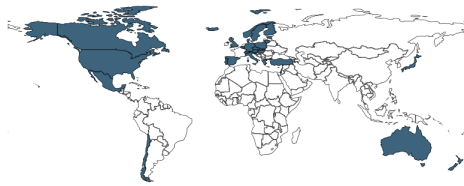
Min. Year:2013 Max. Year: 2015  
N: 32



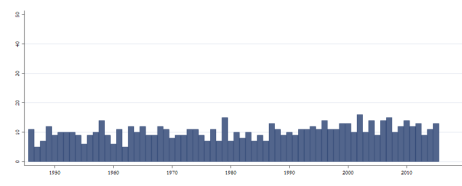
Min. Year:1946 Max. Year: 2015  
N: 36 n: 732  $\bar{N}$ : 10  $\bar{T}$ : 20

#### 4.56.8 nelda\_oa Was Opposition Allowed

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.



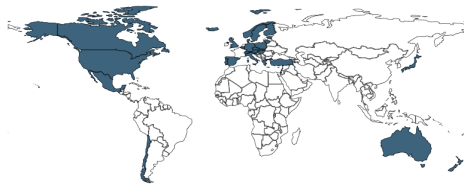
Min. Year:2013 Max. Year: 2015  
N: 32



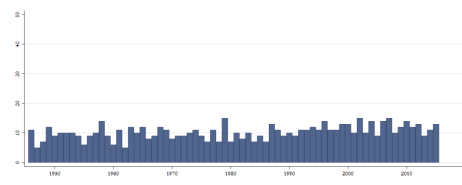
Min. Year:1946 Max. Year: 2015  
N: 36 n: 732  $\bar{N}$ : 10  $\bar{T}$ : 20

#### 4.56.9 nelda\_rpae Riots and Protests after Election

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.



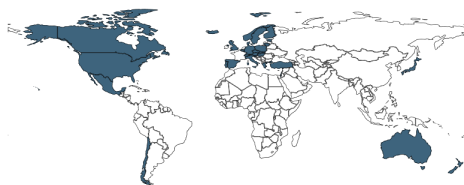
Min. Year:2013 Max. Year: 2015  
N: 32



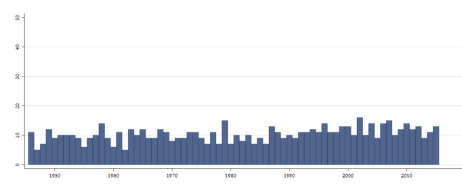
Min. Year:1946 Max. Year: 2015  
N: 36 n: 729  $\bar{N}$ : 10  $\bar{T}$ : 20

#### 4.56.10 nelda\_vcdbe Violence and Civilian Deaths before Election

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:2013 Max. Year: 2015  
N: 32



Min. Year:1946 Max. Year: 2015  
N: 36 n: 732  $\bar{N}$ : 10  $\bar{T}$ : 20

## 4.57 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*.

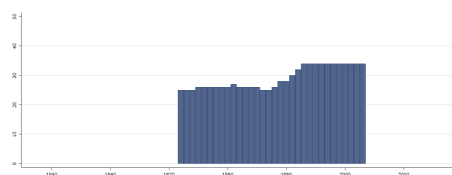
#### 4.57.1 no\_ce Classification of Executives

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: 2003  
N: 35 n: 942  $\bar{N}$ : 29  $\bar{T}$ : 27

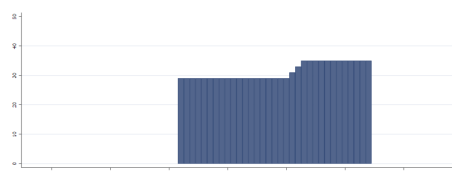
#### 4.57.2 no\_ef Electoral Family

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: 36 n: 1048  $\bar{N}$ : 32  $\bar{T}$ : 29

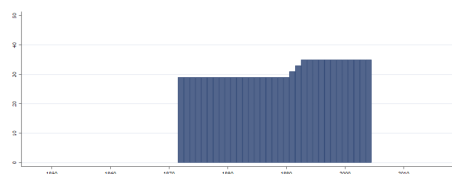
#### 4.57.3 no\_ufs Unitary or Federal State

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

Min. Year: 1972 Max. Year: 2004  
N: 36 n: 1048  $\bar{N}$ : 32  $\bar{T}$ : 29

## 4.58 Natural Resource Management Index

<http://sedac.ciesin.columbia.edu/data/collection/nrmi>

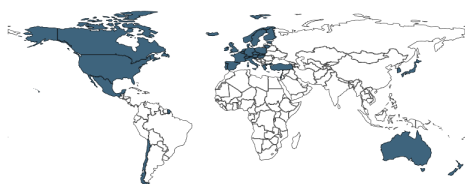
(Center for International Earth Science Information Network - CIESIN - Columbia University, 2018)  
(Data downloaded: 2018-11-18)

### Natural Resource Management Index (NRMI) Data

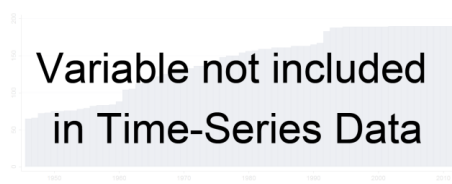
The Natural Resource Protection and Child Health Indicators, 2018 Release, is produced in support of the U.S. Millennium Challenge Corporation (MCC) as selection criteria for funding eligibility. The Natural Resource Protection Indicator (NRPI) and Child Health Indicator (CHI) are based on proximity-to-target 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 199 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 2017 release includes a consistent time series of NRPI scores for 2013-2017 and CHI scores for 2010 to 2017.

#### 4.58.1 nrmi\_nrpi Natural Resource Protection Indicator

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.



Min. Year: 2016 Max. Year: 2016  
N: 36



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

## 4.59 Nunn and Puga

<http://diegopuga.org/data/rugged/>

(Nunn & Puga, 2012)

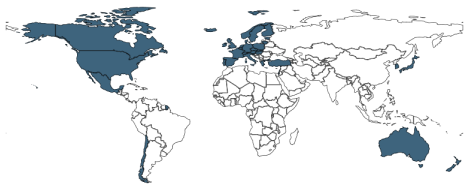
(Data downloaded: 2019-07-01)

Country Ruggedness and Geographical Data (2012)

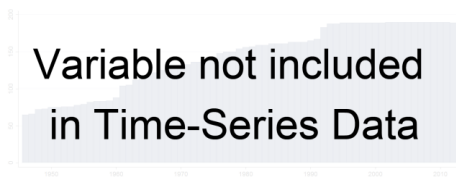
The dataset of terrain ruggedness and other geographical characteristics of countries was created by Nathan Nunn and Diego Puga for their article ‘Ruggedness: The blessing of bad geography in Africa’, published in the Review of Economics and Statistics 94(1), February 2012: 20-36.

4.59.1 nunn\_desert Percentage desert in 2012

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.



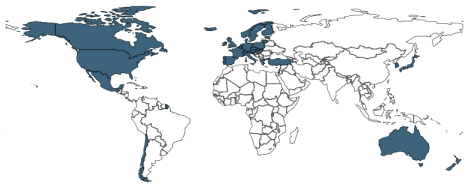
Min. Year:2012 Max. Year: 2012  
N: 36



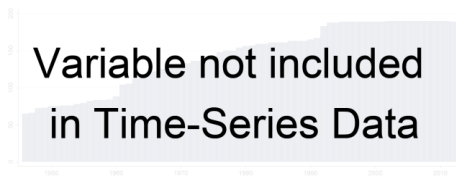
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

4.59.2 nunn\_dist\_coast Average distance to nearest ice-free coast (1000 km) in 2012

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.



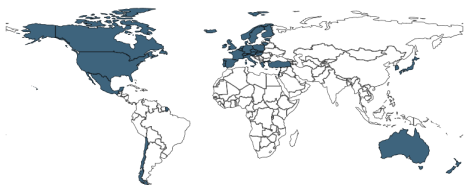
Min. Year:2012 Max. Year: 2012  
N: 36



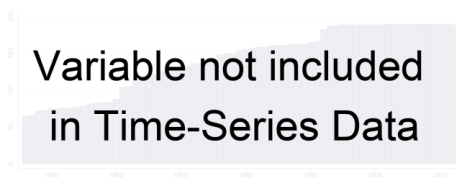
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

4.59.3 nunn\_near\_coast Percentage within 100 km. of ice-free coast in 2012

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:2012 Max. Year: 2012  
N: 36

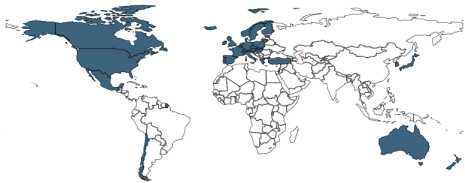


N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

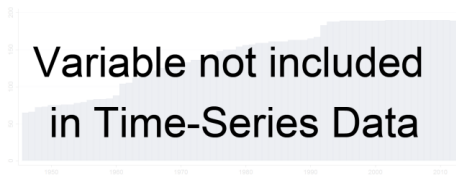


4.59.4 nunn\_rugged Ruggedness (Terrain Ruggedness Index, 100 m) in 2012

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 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 Nunn and Puga 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.



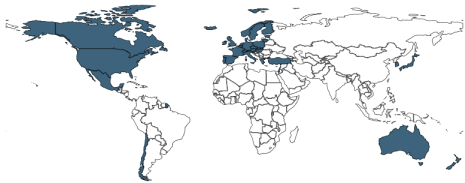
Min. Year: 2012 Max. Year: 2012  
N: 36



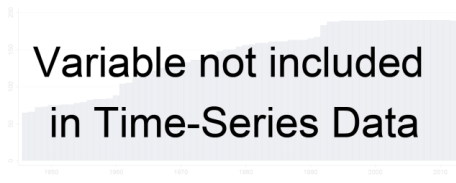
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

4.59.5 nunn\_tropical Percentage tropical climate in 2012

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: 2012 Max. Year: 2012  
N: 36



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

4.60 OECD

<http://stats.oecd.org/#>  
(Organisation for Economic Co-operation and Development, 2019)

(Data downloaded: 2020-01-22)

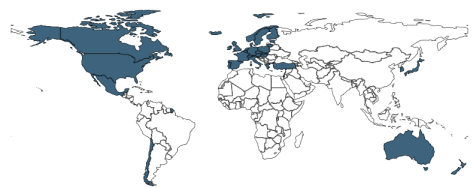
## Country Statistical Profiles

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.

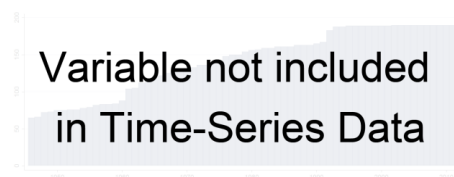
Please note we have selected some of these variables for this version of the QoG Datasets. Find the full list of variables in the source's website.

### 4.60.1 oecd\_agedpopgeo\_g1 Elderly population

Elderly population



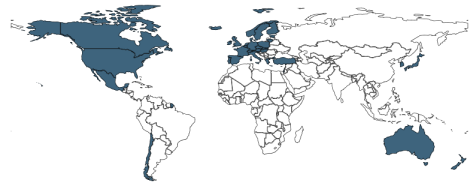
Min. Year: 2014 Max. Year: 2014  
N: 36



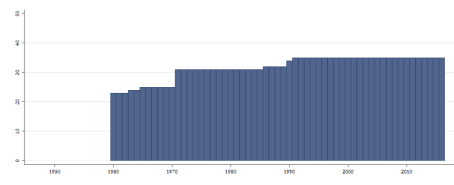
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

### 4.60.2 oecd\_airqty\_t1 CO2 emissions from fuel combustion

CO2 emissions from fuel combustion



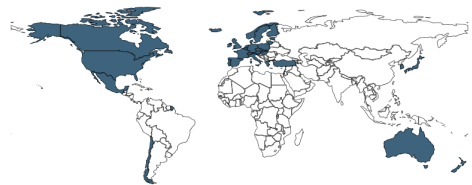
Min. Year: 2016 Max. Year: 2016  
N: 36



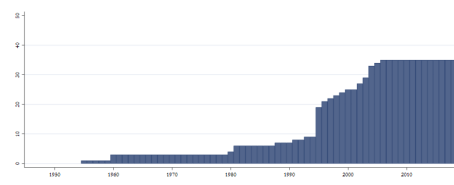
Min. Year: 1960 Max. Year: 2016  
N: 36 n: 1831  $\bar{N}$ : 32  $\bar{T}$ : 51

### 4.60.3 oecd\_bop\_t1 Current account balance

Current account balance



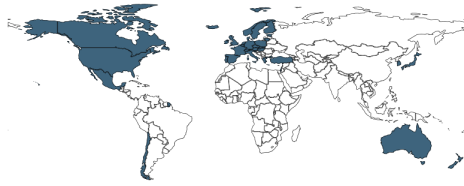
Min. Year: 2016 Max. Year: 2016  
N: 36



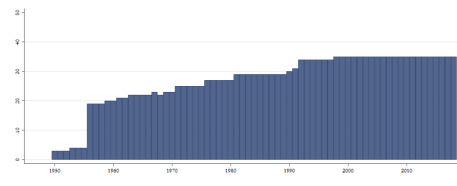
Min. Year: 1955 Max. Year: 2018  
N: 36 n: 922  $\bar{N}$ : 14  $\bar{T}$ : 26

### 4.60.4 oecd\_cpi\_t1a CPI: all items

Consumer Price Index: all items



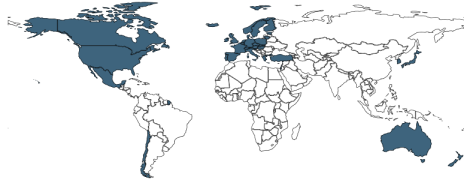
Min. Year:2016 Max. Year: 2016  
N: 36



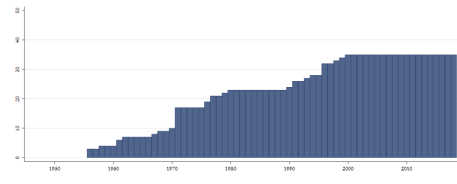
Min. Year:1950 Max. Year: 2018  
N: 36 n: 1887  $\bar{N}$ : 27  $\bar{T}$ : 52

#### 4.60.5 oeod\_cpi\_t1b CPI: all items non food non energy

Consumer Price Index: all items non food non energy



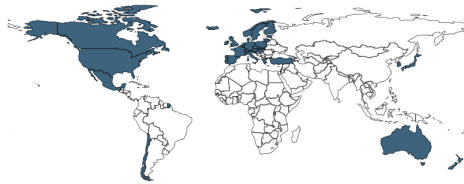
Min. Year:2016 Max. Year: 2016  
N: 36



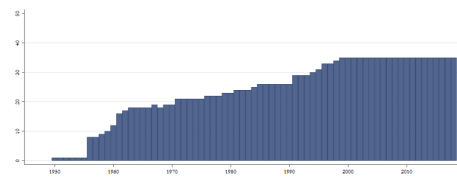
Min. Year:1956 Max. Year: 2018  
N: 36 n: 1471  $\bar{N}$ : 23  $\bar{T}$ : 41

#### 4.60.6 oeod\_cpi\_t1c CPI: food

Consumer Price Index: food



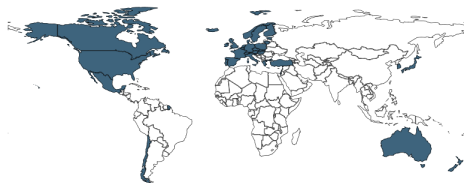
Min. Year:2016 Max. Year: 2016  
N: 36



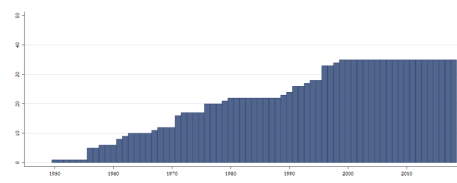
Min. Year:1950 Max. Year: 2018  
N: 36 n: 1678  $\bar{N}$ : 24  $\bar{T}$ : 47

#### 4.60.7 oeod\_cpi\_t1d CPI: energy

Consumer Price Index: energy



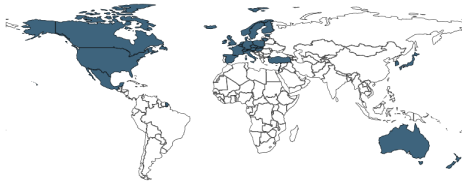
Min. Year:2016 Max. Year: 2016  
N: 36



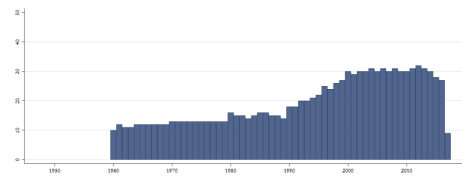
Min. Year:1950 Max. Year: 2018  
N: 36 n: 1506  $\bar{N}$ : 22  $\bar{T}$ : 42

#### 4.60.8 oeod\_doctor\_g1 Practising physicians

Practising physicians



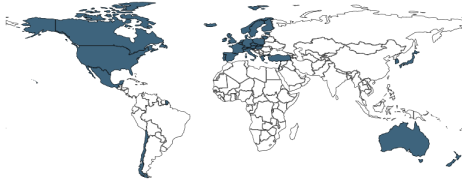
Min. Year:2013 Max. Year: 2016  
N: 33



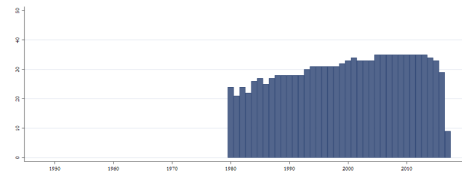
Min. Year:1960 Max. Year: 2017  
N: 33 n: 1165  $\bar{N}$ : 20  $\bar{T}$ : 35

#### 4.60.9 oecd\_doctor\_g3 Medical graduates

Medical graduates



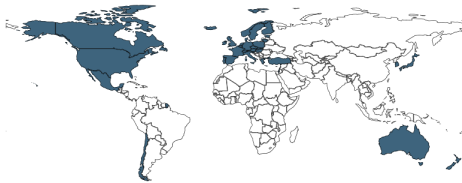
Min. Year:2013 Max. Year: 2016  
N: 36



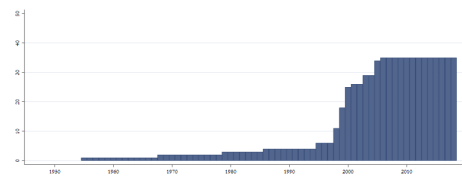
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1177  $\bar{N}$ : 31  $\bar{T}$ : 33

#### 4.60.10 oecd\_emplage\_t1a Employment rates for age group 15-24

Employment rates for age group 15-24



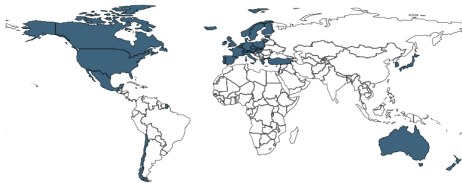
Min. Year:2014 Max. Year: 2016  
N: 36



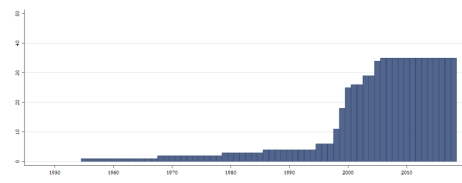
Min. Year:1955 Max. Year: 2018  
N: 36 n: 780  $\bar{N}$ : 12  $\bar{T}$ : 22

#### 4.60.11 oecd\_emplage\_t1b Employment rates for age group 25-54

Employment rates for age group 25-54



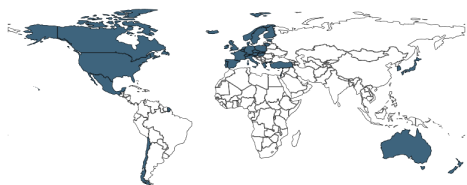
Min. Year:2014 Max. Year: 2016  
N: 36



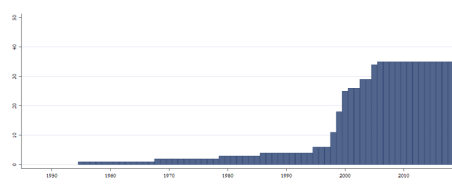
Min. Year:1955 Max. Year: 2018  
N: 36 n: 780  $\bar{N}$ : 12  $\bar{T}$ : 22

#### 4.60.12 oecd\_emplage\_t1c Employment rates for age group 55-64

Employment rates for age group 55-64



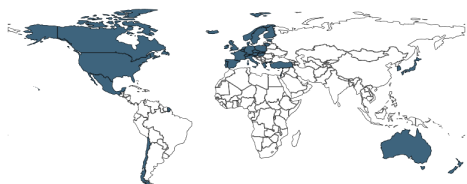
Min. Year:2014 Max. Year: 2016  
N: 36



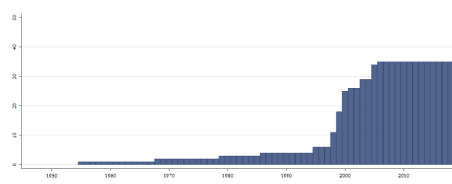
Min. Year:1955 Max. Year: 2018  
N: 36 n: 780  $\bar{N}$ : 12  $\bar{T}$ : 22

#### 4.60.13 oecd\_emplgndr\_t1a Employment rates: women

Employment rates: women



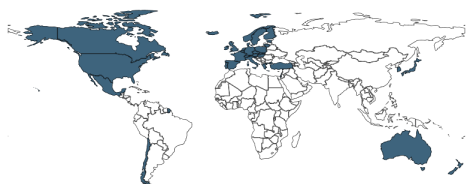
Min. Year:2014 Max. Year: 2016  
N: 36



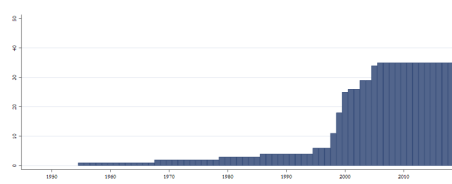
Min. Year:1955 Max. Year: 2018  
N: 36 n: 780  $\bar{N}$ : 12  $\bar{T}$ : 22

#### 4.60.14 oecd\_emplgndr\_t1b Employment rates: men

Employment rates: men



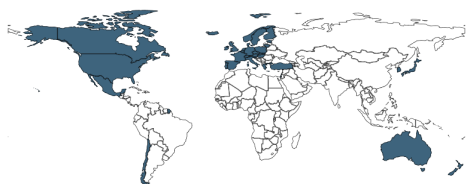
Min. Year:2014 Max. Year: 2016  
N: 36



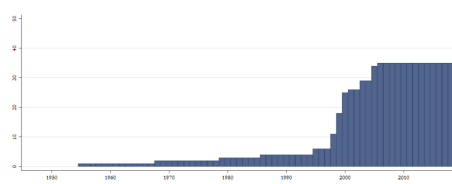
Min. Year:1955 Max. Year: 2018  
N: 36 n: 780  $\bar{N}$ : 12  $\bar{T}$ : 22

#### 4.60.15 oecd\_emplgndr\_t1c Employment rates: total

Employment rates: total



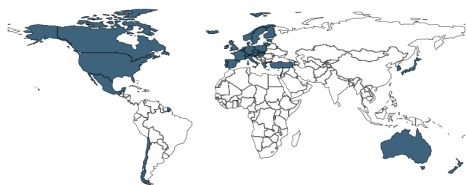
Min. Year:2014 Max. Year: 2016  
N: 36



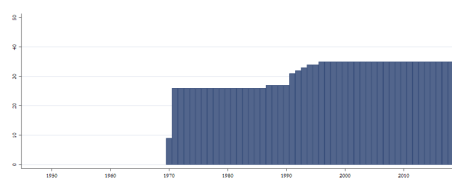
Min. Year:1955 Max. Year: 2018  
N: 36 n: 780  $\bar{N}$ : 12  $\bar{T}$ : 22

#### 4.60.16 oecd\_evogdp\_t1 Real GDP growth

Real GDP growth



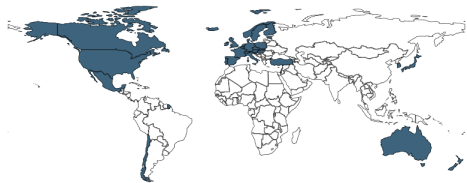
Min. Year:2016 Max. Year: 2016  
N: 36



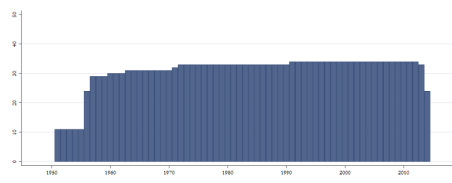
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1526  $\bar{N}$ : 31  $\bar{T}$ : 42

#### 4.60.17 oecd\_evopop\_g1 Population growth rates

Population growth rates



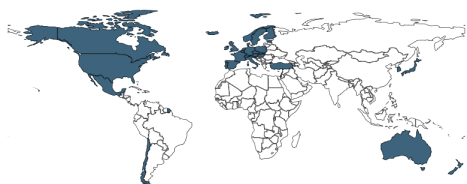
Min. Year:2013 Max. Year: 2014  
N: 33



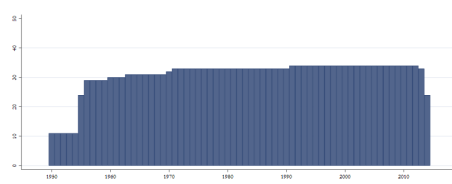
Min. Year:1951 Max. Year: 2014  
N: 35 n: 2011  $\bar{N}$ : 31  $\bar{T}$ : 57

#### 4.60.18 oecd\_evopop\_t1 Population levels

Population levels



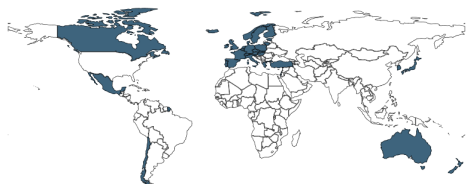
Min. Year:2013 Max. Year: 2014  
N: 33



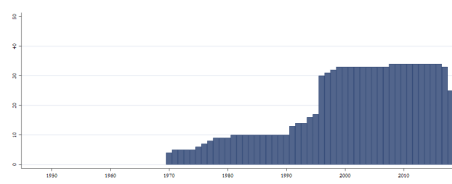
Min. Year:1950 Max. Year: 2014  
N: 35 n: 2042  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.60.19 oecd\_evova\_t1a Real value added: agriculture, fishing, hunting and forestry

Real value added in agriculture, fishing, hunting and forestry



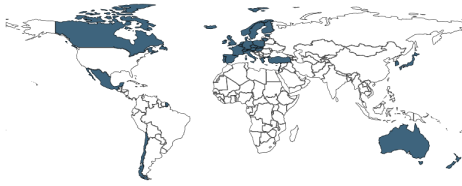
Min. Year:2016 Max. Year: 2016  
N: 35



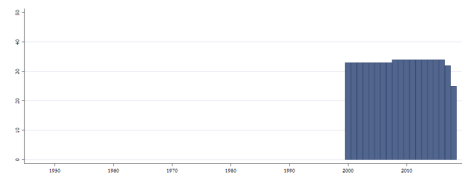
Min. Year:1970 Max. Year: 2018  
N: 35 n: 1023  $\bar{N}$ : 21  $\bar{T}$ : 29

#### 4.60.20 oecd\_evova\_t1b Real value added: industry including energy

Real value added in industry including energy



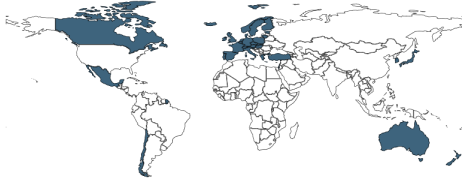
Min. Year:2016 Max. Year: 2016  
N: 35



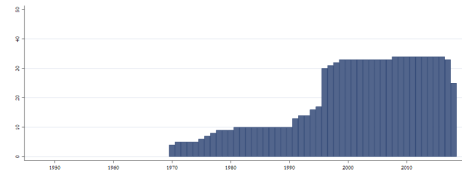
Min. Year:2000 Max. Year: 2018  
N: 35 n: 646  $\bar{N}$ : 34  $\bar{T}$ : 18

#### 4.60.21 oecd\_evova\_t1c Real value added: construction

Real value added in construction



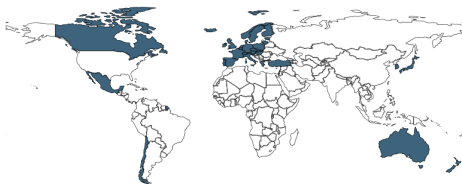
Min. Year:2016 Max. Year: 2016  
N: 35



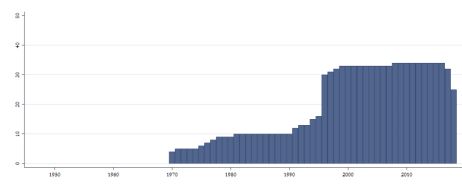
Min. Year:1970 Max. Year: 2018  
N: 35 n: 1023  $\bar{N}$ : 21  $\bar{T}$ : 29

#### 4.60.22 oecd\_evova\_t1d Real value added: trade, repairs, transport, accommodation and food serv.

Real value added in distributive trade, repairs, transport, accommodation and food services activities



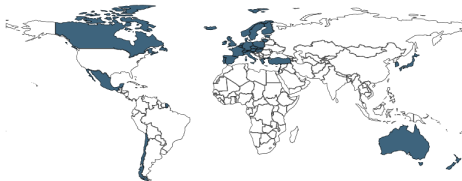
Min. Year:2016 Max. Year: 2016  
N: 35



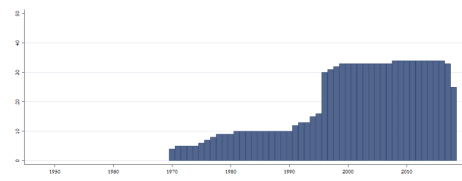
Min. Year:1970 Max. Year: 2018  
N: 35 n: 1017  $\bar{N}$ : 21  $\bar{T}$ : 29

#### 4.60.23 oecd\_evova\_t1e Real value added: Information and communication

Real value added in Information and communication



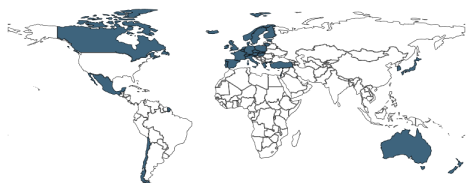
Min. Year:2016 Max. Year: 2016  
N: 35



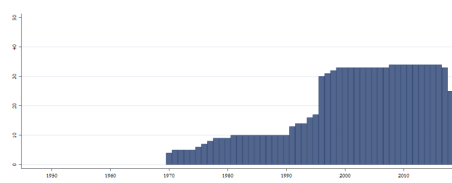
Min. Year:1970 Max. Year: 2018  
N: 35 n: 1018  $\bar{N}$ : 21  $\bar{T}$ : 29

#### 4.60.24 oecd\_evova\_t1f Real value added: financial and insurance activities

Real value added in financial and insurance activities



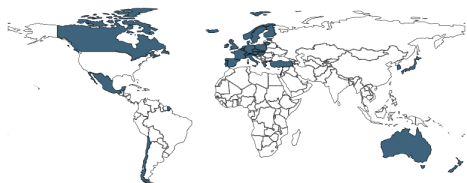
Min. Year:2016 Max. Year: 2016  
N: 35



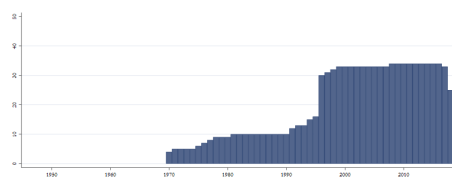
Min. Year:1970 Max. Year: 2018  
N: 35 n: 1023  $\bar{N}$ : 21  $\bar{T}$ : 29

#### 4.60.25 oecd\_evova\_t1g Real value added: real estate activities

Real value added in real estate activities



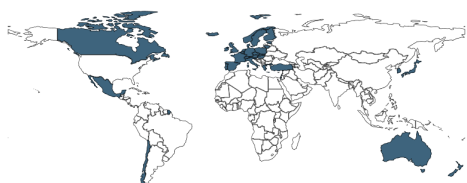
Min. Year:2016 Max. Year: 2016  
N: 35



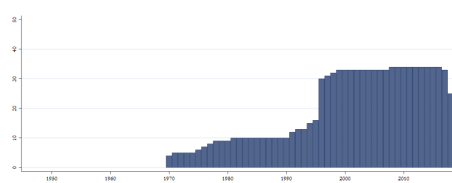
Min. Year:1970 Max. Year: 2018  
N: 35 n: 1018  $\bar{N}$ : 21  $\bar{T}$ : 29

#### 4.60.26 oecd\_evova\_t1h Real value added in professional, scientific, technical, administration

Real value added in professional, scientific, technical, administration and support services activities



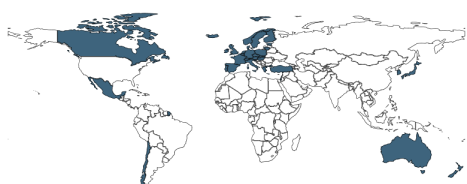
Min. Year:2016 Max. Year: 2016  
N: 35



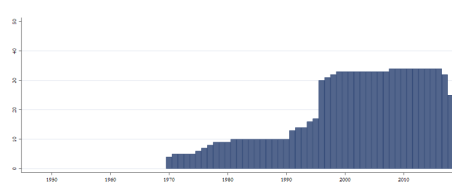
Min. Year:1970 Max. Year: 2018  
N: 35 n: 1018  $\bar{N}$ : 21  $\bar{T}$ : 29

#### 4.60.27 oecd\_evova\_t1i Real value added in public administration, defence, education human health

Real value added in public administration, defence, education human health and social work activities



Min. Year:2016 Max. Year: 2016  
N: 35

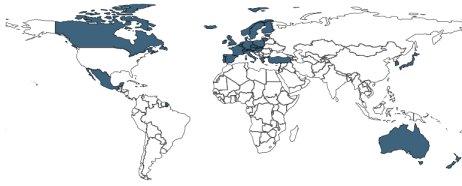


Min. Year:1970 Max. Year: 2018  
N: 35 n: 1022  $\bar{N}$ : 21  $\bar{T}$ : 29

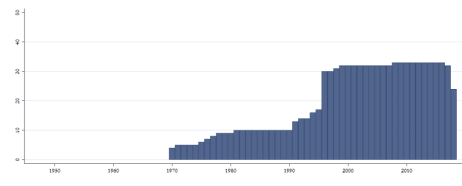
#### 4.60.28 oecd\_evova\_t1j Real value added in other services activities

Real value added in other services activities





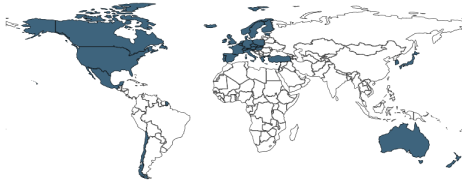
Min. Year:2016 Max. Year: 2016  
N: 34



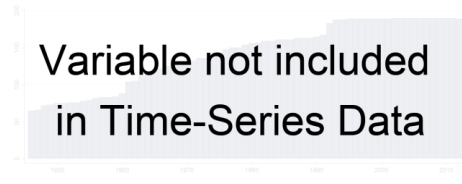
Min. Year:1970 Max. Year: 2018  
N: 34 n: 1001  $\bar{N}$ : 20  $\bar{T}$ : 29

#### 4.60.29 oecd\_fdiflstk\_t1a Outflows of foreign direct investment

Outflows of foreign direct investment



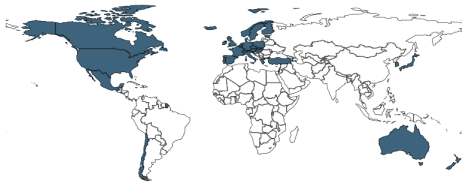
Min. Year:2014 Max. Year: 2014  
N: 34



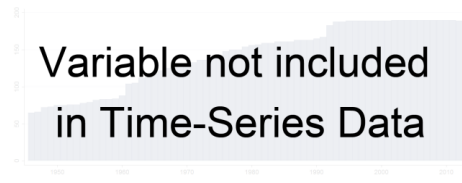
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.30 oecd\_fdiflstk\_t1b Inflows of foreign direct investment

Inflows of foreign direct investment



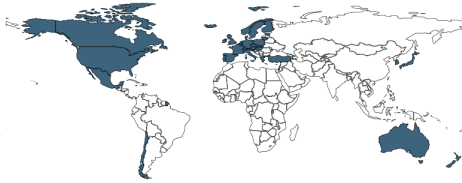
Min. Year:2014 Max. Year: 2014  
N: 34



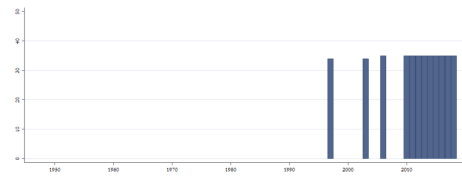
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.31 oecd\_fdindex\_t1a Total FDI Index

Total FDI Index



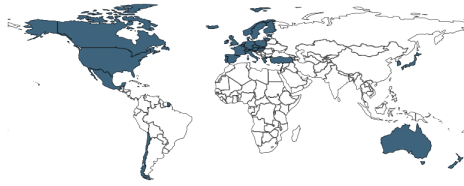
Min. Year:2016 Max. Year: 2016  
N: 36



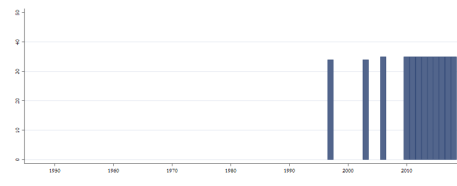
Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.32 oecd\_fdindex\_t1b Primary sector

FDI Index: Primary sector



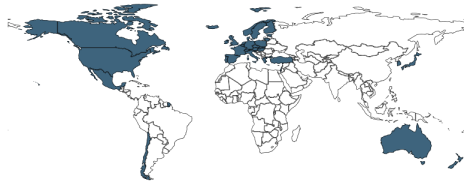
Min. Year:2016 Max. Year: 2016  
N: 36



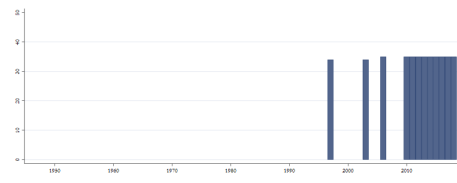
Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.33 oecd\_fdindex\_t1c Manufacturing

FDI Index: Manufacturing



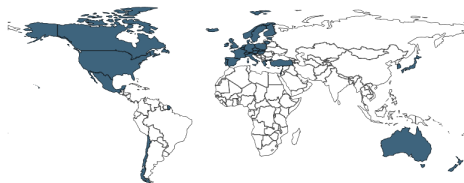
Min. Year:2016 Max. Year: 2016  
N: 36



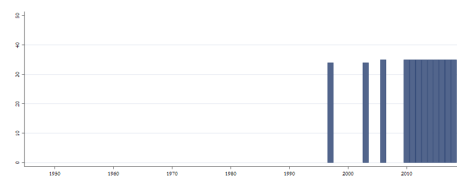
Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.34 oecd\_fdindex\_t1d Electricity

FDI Index: Electricity



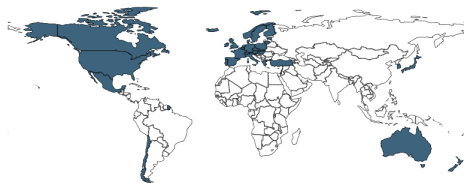
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.35 oecd\_fdindex\_t1e Distribution

FDI Index: Distribution



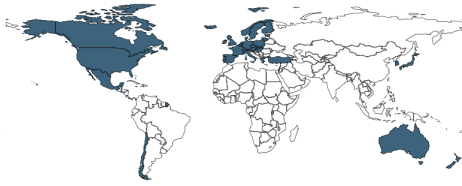
Min. Year:2016 Max. Year: 2016  
N: 36



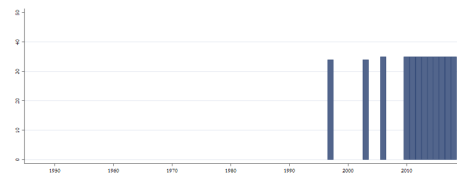
Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.36 oecd\_fdindex\_t1f Transport

FDI Index: Transport



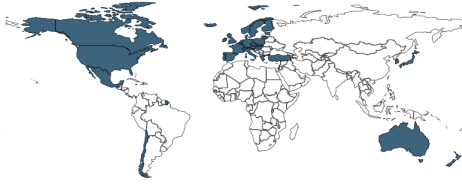
Min. Year:2016 Max. Year: 2016  
N: 36



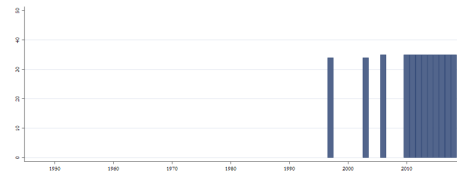
Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.37 oecd\_fdindex\_t1g Media

FDI Index: Media



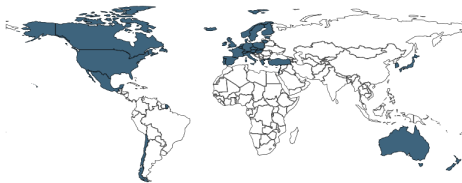
Min. Year:2016 Max. Year: 2016  
N: 36



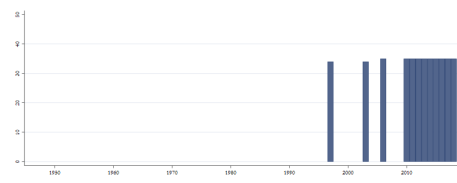
Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.38 oecd\_fdindex\_t1h Communications

FDI Index: Communications



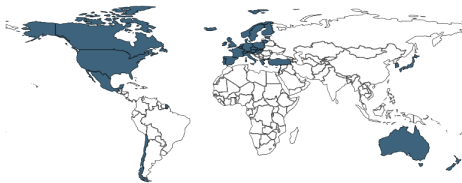
Min. Year:2016 Max. Year: 2016  
N: 36



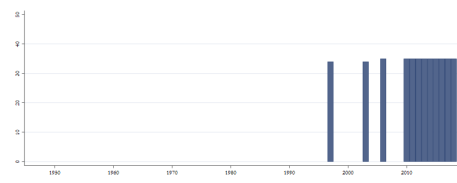
Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.39 oecd\_fdindex\_t1i Financial services

FDI Index: Financial services



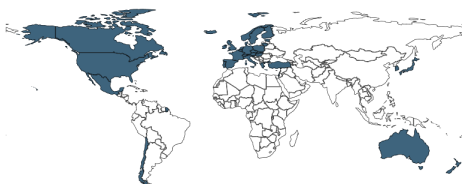
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.40 oecd\_fdindex\_t1j Business services

FDI Index: Business services



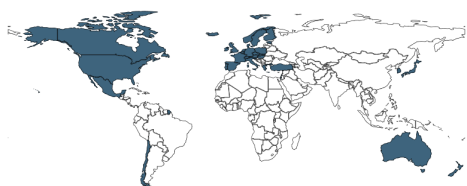
Min. Year:2016 Max. Year: 2016  
N: 36



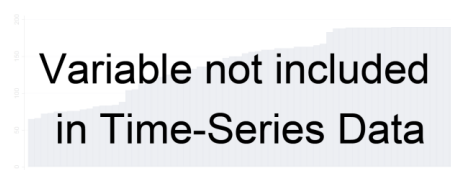
Min. Year:1997 Max. Year: 2018  
N: 36 n: 429  $\bar{N}$ : 20  $\bar{T}$ : 12

#### 4.60.41 oecd\_fdistock\_t1a Outward FDI stocks

Outward FDI stocks



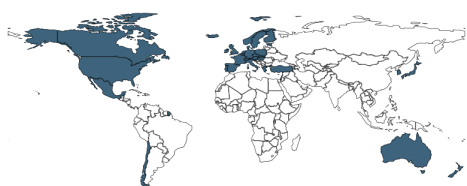
Min. Year:2013 Max. Year: 2014  
N: 34



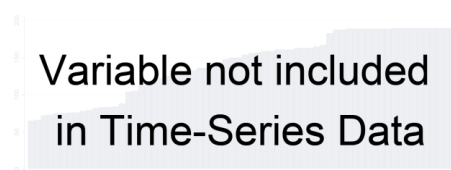
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.42 oecd\_fdistock\_t1b Inward FDI stocks

Inward FDI stocks



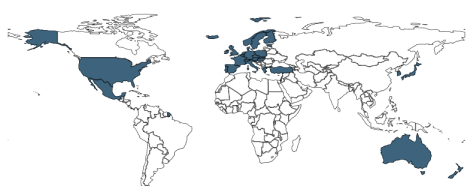
Min. Year:2013 Max. Year: 2014  
N: 34



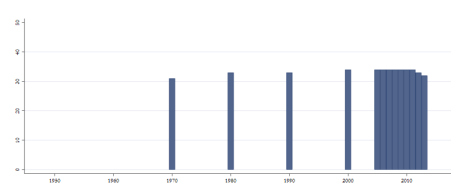
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.43 oecd\_fertility\_t1 Total fertility rates

Total fertility rates



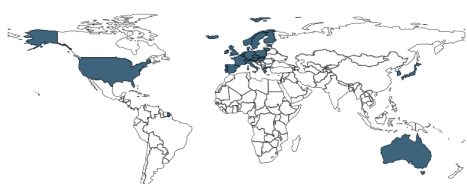
Min. Year:2013 Max. Year: 2013  
N: 32



Min. Year:1970 Max. Year: 2013  
N: 34 n: 434  $\bar{N}$ : 10  $\bar{T}$ : 13

#### 4.60.44 oecd\_gengovdistri\_t1a Structure of central gov. expenditures, general public serv.

Structure of central government expenditures, general public services



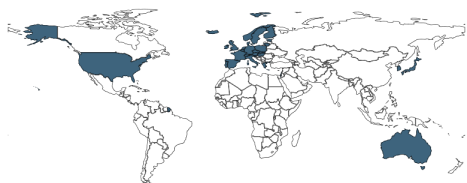
Min. Year:2015 Max. Year: 2016  
N: 31



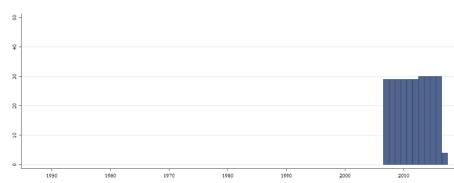
Min. Year:2007 Max. Year: 2017  
N: 31 n: 308  $\bar{N}$ : 28  $\bar{T}$ : 10

#### 4.60.45 oecd\_gengovdistri\_t1b Structure of central gov. expenditures, defence

Structure of central government expenditures, defence



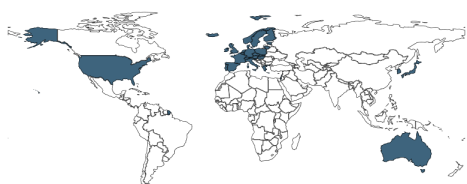
Min. Year:2015 Max. Year: 2016  
N: 31



Min. Year:2007 Max. Year: 2017  
N: 31 n: 308  $\bar{N}$ : 28  $\bar{T}$ : 10

#### 4.60.46 oecd\_gengovdistri\_t1c Structure of central gov. expenditures, public order & safety

Structure of central government expenditures, public order and safety



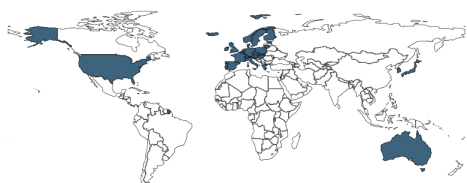
Min. Year:2015 Max. Year: 2016  
N: 31



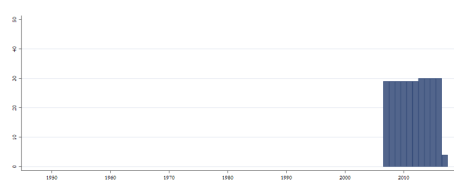
Min. Year:2007 Max. Year: 2017  
N: 31 n: 308  $\bar{N}$ : 28  $\bar{T}$ : 10

#### 4.60.47 oecd\_gengovdistri\_t1d Structure of central gov. expenditures, economic af-fairs

Structure of central government expenditures, economic affairs



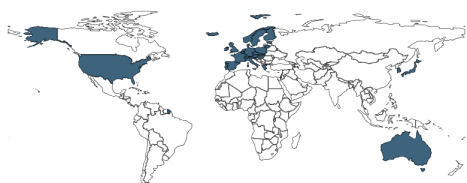
Min. Year:2015 Max. Year: 2016  
N: 31



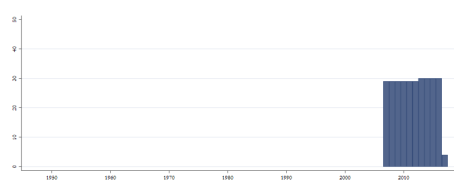
Min. Year:2007 Max. Year: 2017  
N: 31 n: 308  $\bar{N}$ : 28  $\bar{T}$ : 10

#### 4.60.48 oecd\_gengovdistri\_t1e Structure of central gov. expenditures, environmental protect.

Structure of central government expenditures, environmental protection



Min. Year:2015 Max. Year: 2016  
N: 31

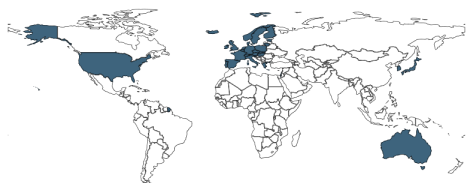


Min. Year:2007 Max. Year: 2017  
N: 31 n: 308  $\bar{N}$ : 28  $\bar{T}$ : 10

#### 4.60.49 oecd\_gengovdistri\_t1f Structure of central gov. expenditures, housing & community

Structure of central government expenditures, housing and community amenities





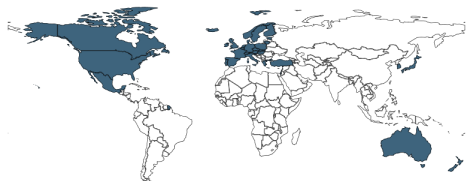
Min. Year:2015 Max. Year: 2016  
N: 31



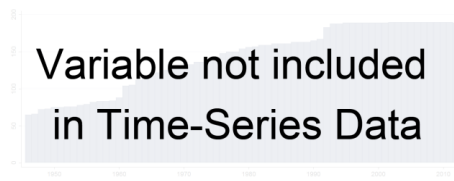
Min. Year:2007 Max. Year: 2017  
N: 31 n: 308  $\bar{N}$ : 28  $\bar{T}$ : 10

#### 4.60.54 oecd\_gengovexpend\_t1a General government revenues per capita

General government revenues per capita



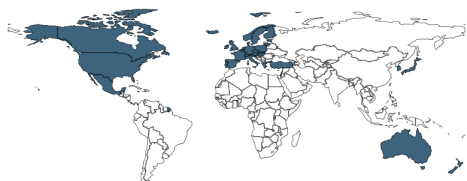
Min. Year:2015 Max. Year: 2016  
N: 35



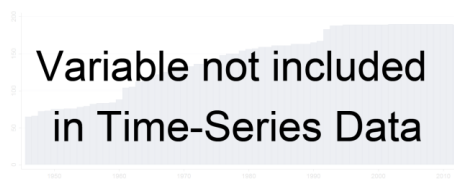
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.55 oecd\_gengovexpend\_t1b General government expenditures per capita

General government expenditures per capita



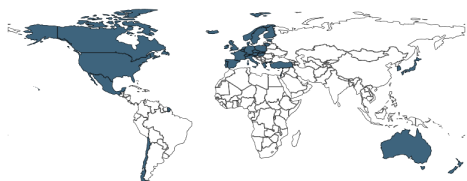
Min. Year:2015 Max. Year: 2016  
N: 35



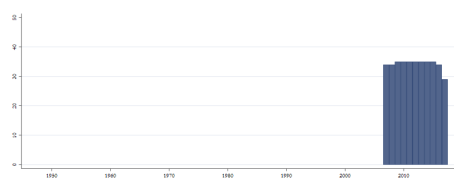
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.56 oecd\_gengovprod\_t1a Production costs for general gov. compensation of employees

Production costs for general government, compensation of employees



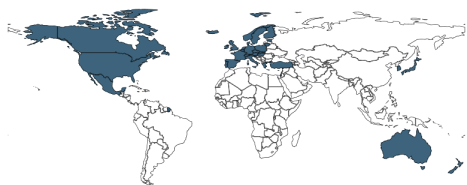
Min. Year:2015 Max. Year: 2016  
N: 36



Min. Year:2007 Max. Year: 2017  
N: 36 n: 387  $\bar{N}$ : 35  $\bar{T}$ : 11

#### 4.60.57 oecd\_gengovprod\_t1b Production costs for general gov. costs of goods and services

Production costs for general government, costs of goods and services used and financed by general government



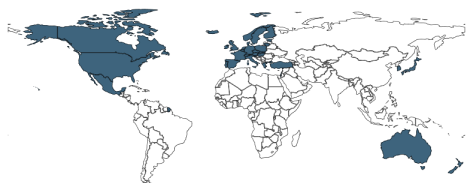
Min. Year:2015 Max. Year: 2016  
N: 35



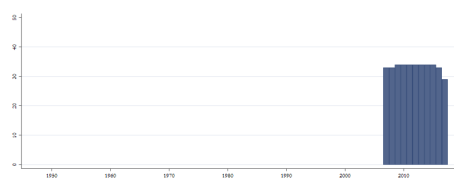
Min. Year:2007 Max. Year: 2017  
N: 35 n: 377  $\bar{N}$ : 34  $\bar{T}$ : 11

#### 4.60.58 oecd\_gengovprod\_t1c Production costs for general gov. Other production costs

Production costs for general government. Other production costs



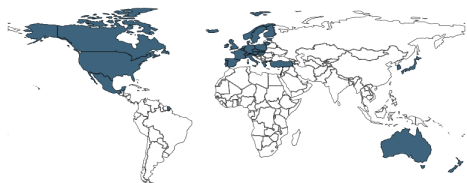
Min. Year:2015 Max. Year: 2016  
N: 35



Min. Year:2007 Max. Year: 2017  
N: 35 n: 377  $\bar{N}$ : 34  $\bar{T}$ : 11

#### 4.60.59 oecd\_gengovprod\_t1d Production costs for general gov. total

Production costs for general government, total



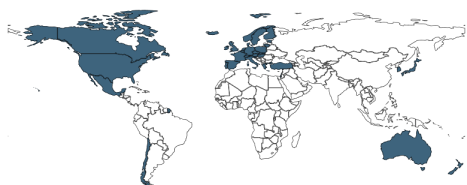
Min. Year:2015 Max. Year: 2016  
N: 35



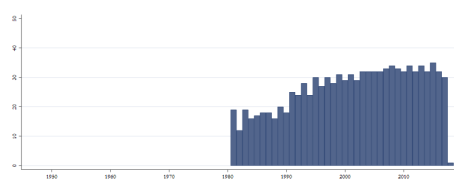
Min. Year:2007 Max. Year: 2017  
N: 35 n: 377  $\bar{N}$ : 34  $\bar{T}$ : 11

#### 4.60.60 oecd\_gerd\_t1 Gross domestic expenditure on R&D

Gross domestic expenditure on R&D



Min. Year:2015 Max. Year: 2016  
N: 36

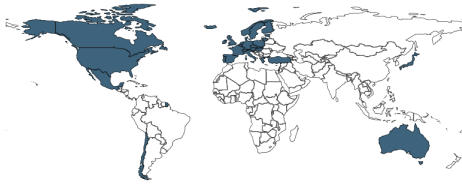


Min. Year:1981 Max. Year: 2018  
N: 36 n: 1022  $\bar{N}$ : 27  $\bar{T}$ : 28

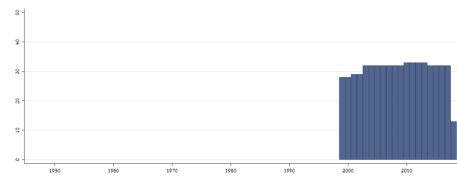
#### 4.60.61 oecd\_govdebt\_t1 Adjusted general government debt-to-GDP (excl. unfunded pension liability)

Adjusted general government debt-to-GDP (excluding unfunded pension liabilities)





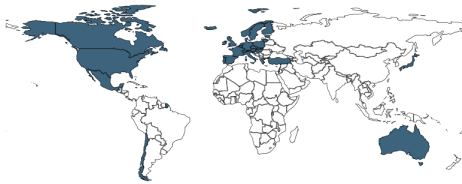
Min. Year:2013 Max. Year: 2016  
N: 34



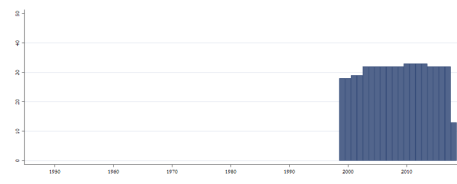
Min. Year:1999 Max. Year: 2018  
N: 34 n: 630  $\bar{N}$ : 32  $\bar{T}$ : 19

#### 4.60.62 oecd\_govdebt\_t2 Adjusted general government debt-to-GDP (incl. unfunded pension liability)

Adjusted general government debt-to-GDP (including unfunded pension liabilities)



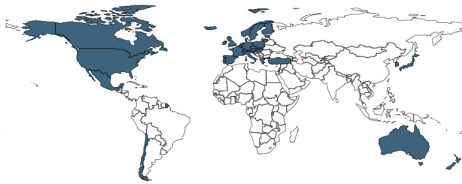
Min. Year:2013 Max. Year: 2016  
N: 34



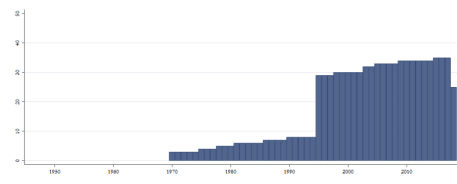
Min. Year:1999 Max. Year: 2018  
N: 34 n: 630  $\bar{N}$ : 32  $\bar{T}$ : 19

#### 4.60.63 oecd\_govdefct\_t1 General government net lending

General government net lending



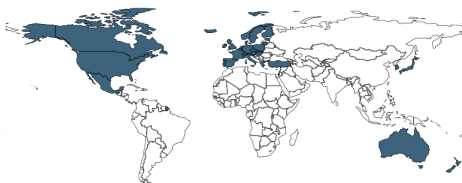
Min. Year:2015 Max. Year: 2016  
N: 36



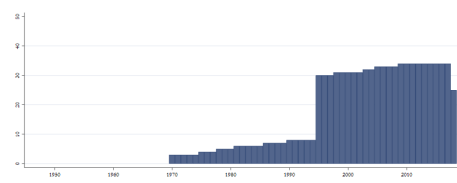
Min. Year:1970 Max. Year: 2018  
N: 36 n: 931  $\bar{N}$ : 19  $\bar{T}$ : 26

#### 4.60.64 oecd\_govdefct\_t2 General government revenues

General government revenues



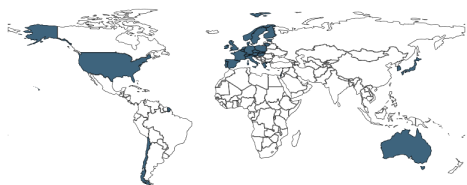
Min. Year:2015 Max. Year: 2016  
N: 35



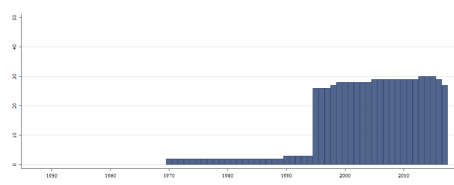
Min. Year:1970 Max. Year: 2018  
N: 35 n: 936  $\bar{N}$ : 19  $\bar{T}$ : 27

#### 4.60.65 oecd\_govdefct\_t3 General government expenditures

General government expenditures



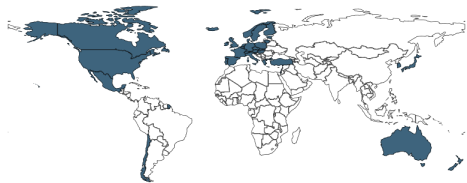
Min. Year:2015 Max. Year: 2016  
N: 31



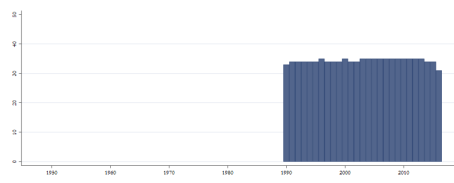
Min. Year:1970 Max. Year: 2017  
N: 31 n: 729  $\bar{N}$ : 15  $\bar{T}$ : 24

#### 4.60.66 oecd\_greenhouse\_t1 Greenhouse gas emissions

Greenhouse gas emissions



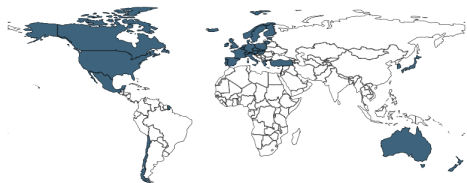
Min. Year:2013 Max. Year: 2016  
N: 36



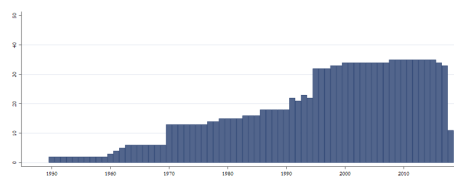
Min. Year:1990 Max. Year: 2016  
N: 36 n: 954  $\bar{N}$ : 35  $\bar{T}$ : 27

#### 4.60.67 oecd\_hourswkd\_t1 Average hours actually worked

Average hours actually worked



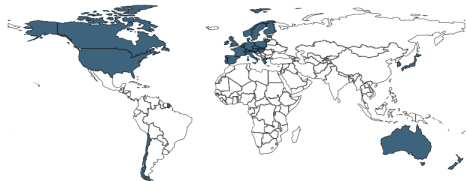
Min. Year:2015 Max. Year: 2016  
N: 36



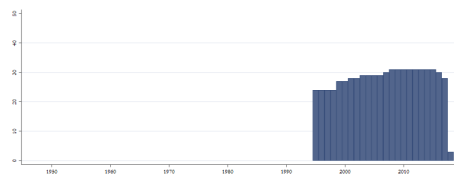
Min. Year:1950 Max. Year: 2018  
N: 36 n: 1290  $\bar{N}$ : 19  $\bar{T}$ : 36

#### 4.60.68 oecd\_housdebt\_t1 Households debt

Households debt



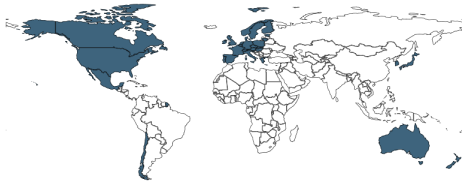
Min. Year:2015 Max. Year: 2016  
N: 32



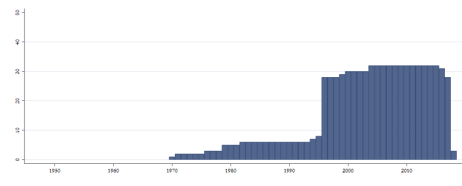
Min. Year:1995 Max. Year: 2018  
N: 32 n: 684  $\bar{N}$ : 29  $\bar{T}$ : 21

#### 4.60.69 oecd\_housinc\_t1 Real household disposable income

Real household disposable income



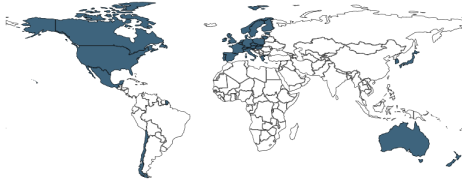
Min. Year:2015 Max. Year: 2016  
N: 33



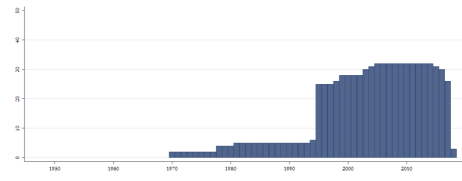
Min. Year:1970 Max. Year: 2018  
N: 33 n: 823  $\bar{N}$ : 17  $\bar{T}$ : 25

#### 4.60.70 oecd\_houssave\_t1 Household net saving rates

Household net saving rates



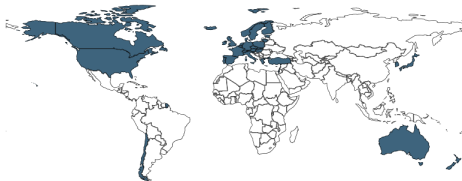
Min. Year:2014 Max. Year: 2016  
N: 33



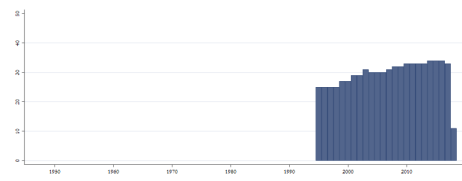
Min. Year:1970 Max. Year: 2018  
N: 33 n: 806  $\bar{N}$ : 16  $\bar{T}$ : 24

#### 4.60.71 oecd\_houswealth\_t1a Financial asset of households: Currency and deposits

Financial asset of households: Currency and deposits



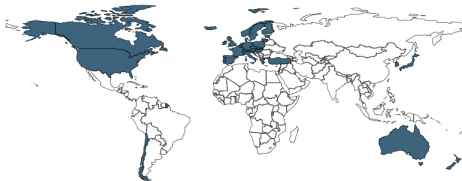
Min. Year:2015 Max. Year: 2016  
N: 35



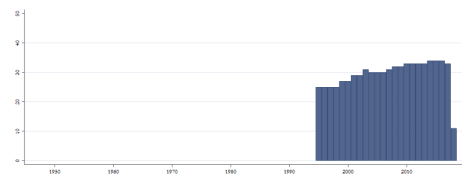
Min. Year:1995 Max. Year: 2018  
N: 35 n: 729  $\bar{N}$ : 30  $\bar{T}$ : 21

#### 4.60.72 oecd\_houswealth\_t1b Financial asset of households: Debt securities

Financial asset of households: Debt securities



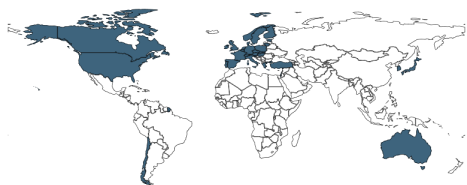
Min. Year:2015 Max. Year: 2016  
N: 35



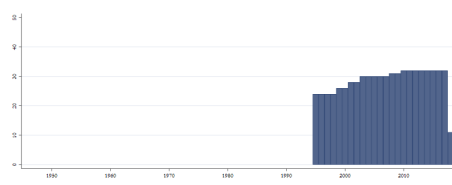
Min. Year:1995 Max. Year: 2018  
N: 35 n: 729  $\bar{N}$ : 30  $\bar{T}$ : 21

#### 4.60.73 oecd\_houswealth\_t1c Financial asset of households: equity

Financial asset of households: equity



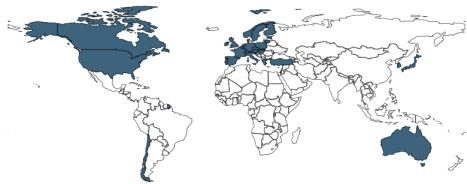
Min. Year:2015 Max. Year: 2016  
N: 33



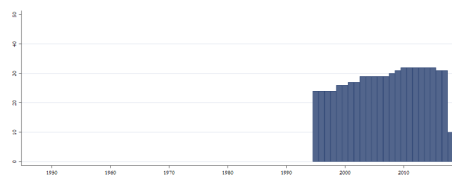
Min. Year:1995 Max. Year: 2018  
N: 33 n: 706  $\bar{N}$ : 29  $\bar{T}$ : 21

#### 4.60.74 oecd\_houswealth\_t1d Financial asset of households: investment funds shares

Financial asset of households: investment funds shares



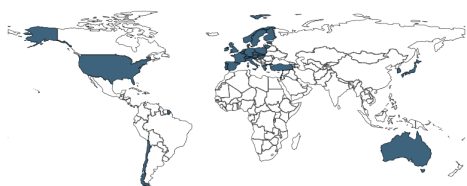
Min. Year:2015 Max. Year: 2016  
N: 33



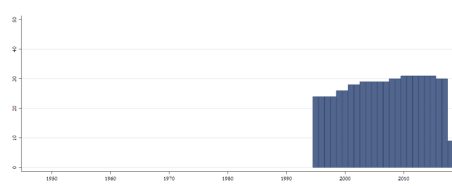
Min. Year:1995 Max. Year: 2018  
N: 33 n: 695  $\bar{N}$ : 29  $\bar{T}$ : 21

#### 4.60.75 oecd\_houswealth\_t1e Financial asset of households: Life insurance and annuities

Financial asset of households: Life insurance and annuities



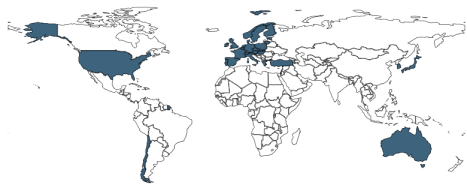
Min. Year:2015 Max. Year: 2016  
N: 32



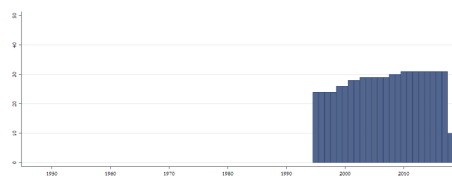
Min. Year:1995 Max. Year: 2018  
N: 32 n: 687  $\bar{N}$ : 29  $\bar{T}$ : 21

#### 4.60.76 oecd\_houswealth\_t1f Financial asset of households: Pension funds

Financial asset of households: Pension funds



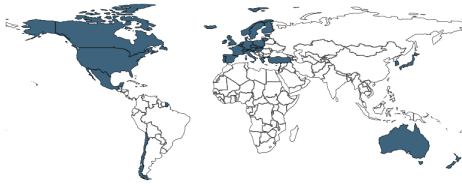
Min. Year:2015 Max. Year: 2016  
N: 32



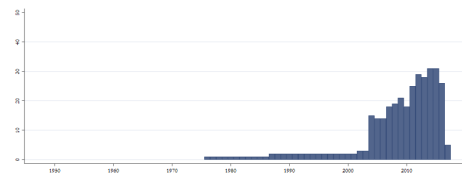
Min. Year:1995 Max. Year: 2018  
N: 32 n: 690  $\bar{N}$ : 29  $\bar{T}$ : 22

#### 4.60.77 oecd\_incinequal\_t1a Income inequality: Gini (at disposable income post taxes & transfers)

Income inequality: Gini (at disposable income, post taxes and transfers)



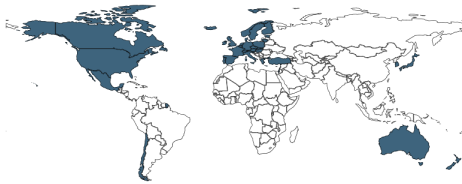
Min. Year:2013 Max. Year: 2016  
N: 36



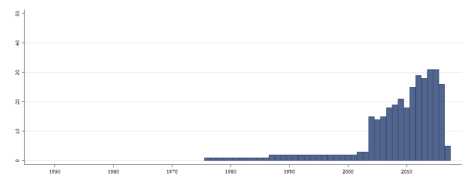
Min. Year:1976 Max. Year: 2017  
N: 36 n: 354  $\bar{N}$ : 8  $\bar{T}$ : 10

#### 4.60.78 oecd\_inequal\_t1d Income inequality: S80/S20 disposable income quintile share

Income inequality: S80/S20 disposable income quintile share



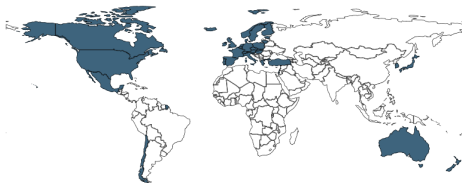
Min. Year:2013 Max. Year: 2016  
N: 36



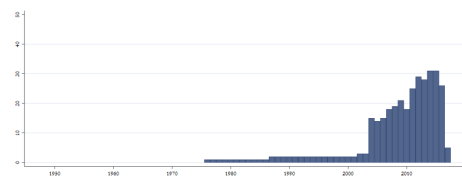
Min. Year:1976 Max. Year: 2017  
N: 36 n: 355  $\bar{N}$ : 8  $\bar{T}$ : 10

#### 4.60.79 oecd\_inequal\_t1e Income inequality: P90/P10 disposable income decile ratio

Income inequality: P90/P10 disposable income decile ratio



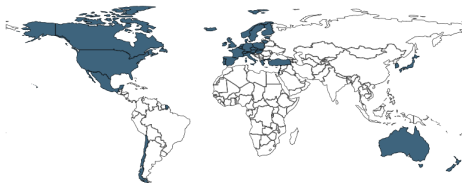
Min. Year:2013 Max. Year: 2016  
N: 36



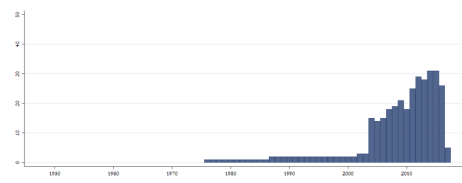
Min. Year:1976 Max. Year: 2017  
N: 36 n: 355  $\bar{N}$ : 8  $\bar{T}$ : 10

#### 4.60.80 oecd\_inequal\_t1f Income inequality: P90/P50 disposable income decile ratio

Income inequality: P90/P50 disposable income decile ratio



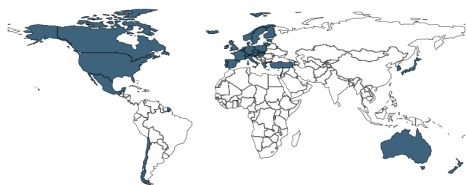
Min. Year:2013 Max. Year: 2016  
N: 36



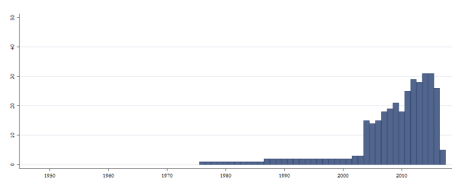
Min. Year:1976 Max. Year: 2017  
N: 36 n: 355  $\bar{N}$ : 8  $\bar{T}$ : 10

#### 4.60.81 oecd\_inequal\_t1g Income inequality: P50/P10 disposable income decile ratio

Income inequality: P50/P10 disposable income decile ratio



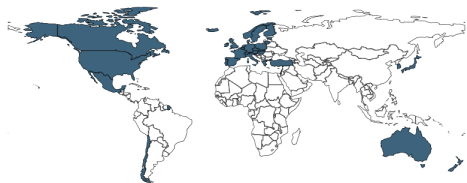
Min. Year:2013 Max. Year: 2016  
N: 36



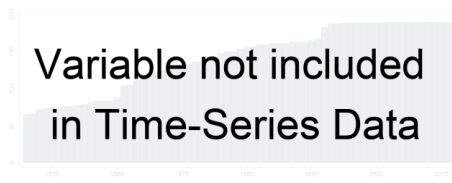
Min. Year:1976 Max. Year: 2017  
N: 36 n: 355  $\bar{N}$ : 8  $\bar{T}$ : 10

#### 4.60.82 oecd\_incompoverty\_t1a Relative poverty rates: Entire population

Relative poverty rates: Entire population



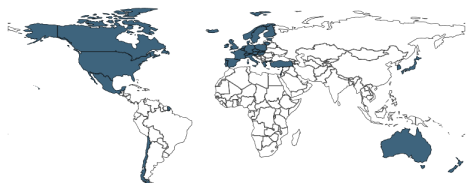
Min. Year:2013 Max. Year: 2016  
N: 36



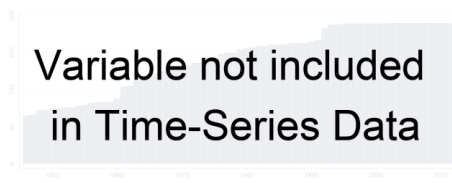
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.83 oecd\_incompoverty\_t1b Relative poverty rates: Children (age 0-17)

Relative poverty rates: Children (age 0-17)



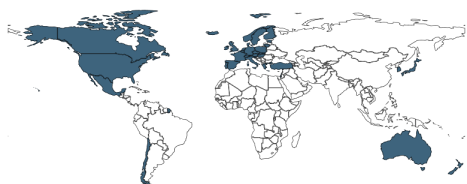
Min. Year:2013 Max. Year: 2016  
N: 36



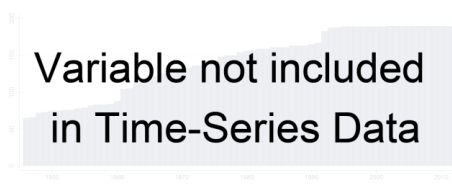
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.84 oecd\_incompoverty\_t1c Relative poverty rates: Working-age population (age 18-65)

Relative poverty rates: Working-age population (age 18-65)



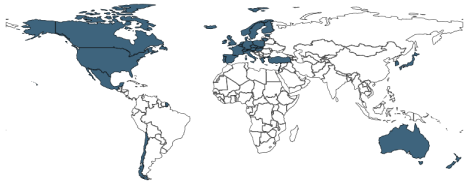
Min. Year:2013 Max. Year: 2016  
N: 36



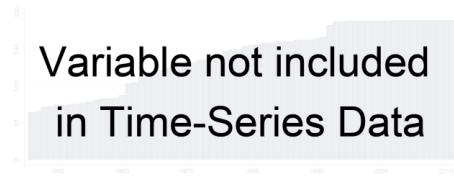
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.85 oecd\_incompoverty\_t1d Relative poverty rates: Retirement-age population (over 65)

Relative poverty rates: Retirement-age population (over 65)



Min. Year:2013 Max. Year: 2016  
N: 36



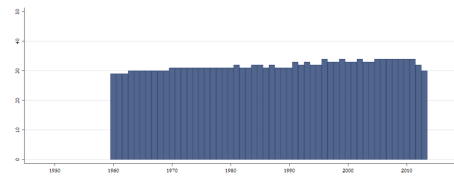
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.86 oecd\_infmorty\_g1 Infant mortality

Infant mortality



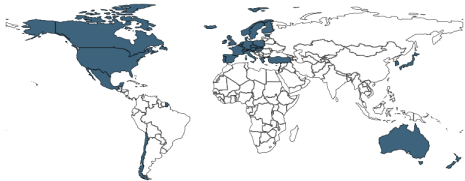
Min. Year:2013 Max. Year: 2013  
N: 30



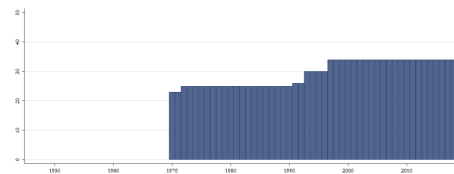
Min. Year:1960 Max. Year: 2013  
N: 34 n: 1714  $\bar{N}$ : 32  $\bar{T}$ : 50

#### 4.60.87 oecd\_intlcomp\_t1 Real effective exchange rates

Real effective exchange rates



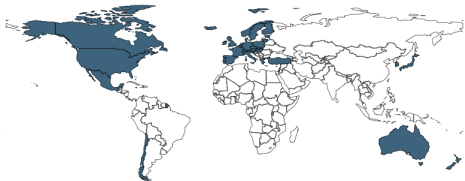
Min. Year:2016 Max. Year: 2016  
N: 35



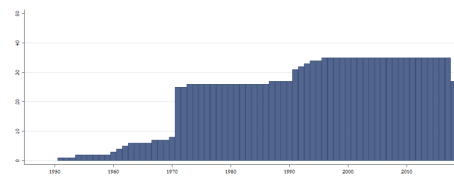
Min. Year:1970 Max. Year: 2018  
N: 35 n: 1463  $\bar{N}$ : 30  $\bar{T}$ : 42

#### 4.60.88 oecd\_invrates\_t1 Gross fixed capital formation

Gross fixed capital formation



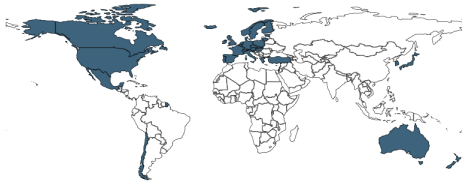
Min. Year:2016 Max. Year: 2016  
N: 36



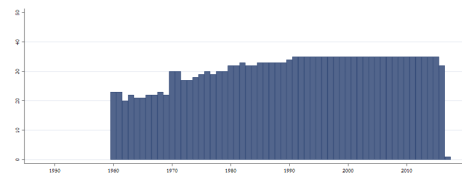
Min. Year:1951 Max. Year: 2018  
N: 36 n: 1586  $\bar{N}$ : 23  $\bar{T}$ : 44

#### 4.60.89 oecd\_lifeexpy\_g1 Life expectancy at birth: total

Life expectancy at birth: total



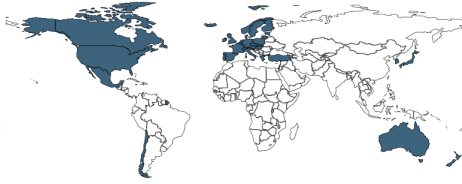
Min. Year:2015 Max. Year: 2016  
N: 36



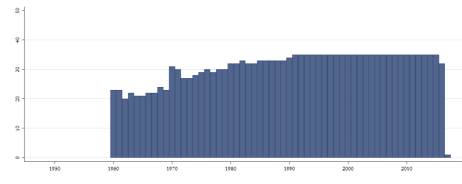
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1792  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.60.90 oecd\_lifeexpy\_g2a Life expectancy at birth: women

Life expectancy at birth: women



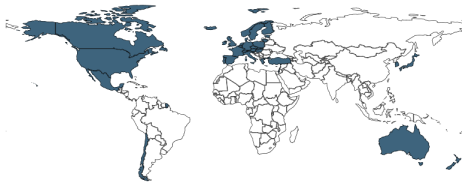
Min. Year:2015 Max. Year: 2016  
N: 36



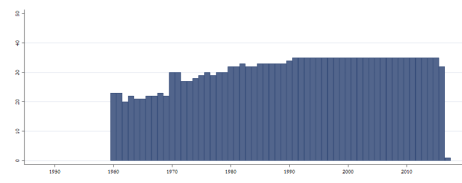
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1795  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.60.91 oecd\_lifeexpy\_g2b Life expectancy at birth: men

Life expectancy at birth: men



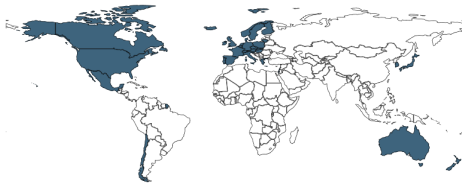
Min. Year:2015 Max. Year: 2016  
N: 36



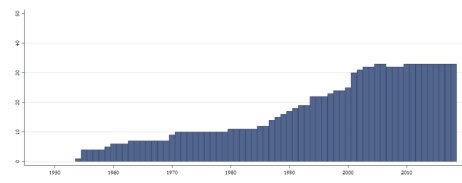
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1792  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.60.92 oecd\_ltintrst\_t1 Long-term interest rates

Long-term interest rates



Min. Year:2016 Max. Year: 2016  
N: 34

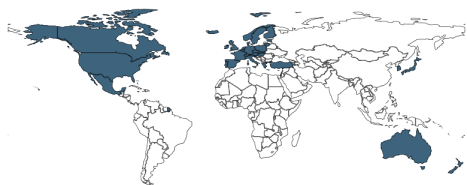


Min. Year:1954 Max. Year: 2018  
N: 34 n: 1149  $\bar{N}$ : 18  $\bar{T}$ : 34

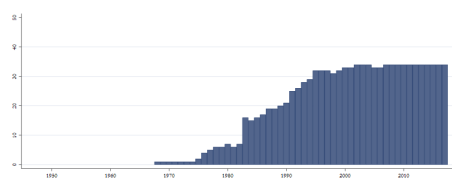
#### 4.60.93 oecd\_ltnunemp\_t1 Long-term unemployment

Long-term unemployment





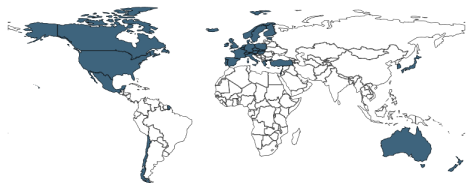
Min. Year:2016 Max. Year: 2016  
N: 35



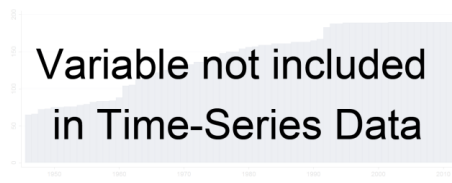
Min. Year:1968 Max. Year: 2017  
N: 35 n: 1086  $\bar{N}$ : 22  $\bar{T}$ : 31

#### 4.60.94 oecd\_mertrade\_t1 Trade balance of goods

Trade balance of goods



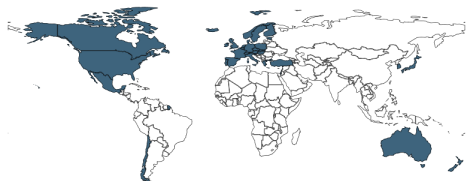
Min. Year:2014 Max. Year: 2014  
N: 34



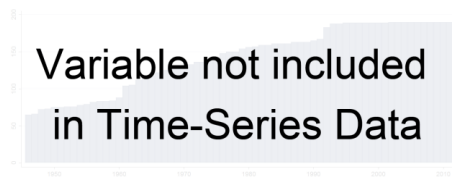
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.95 oecd\_mertrade\_t2 Imports of goods

Imports of goods



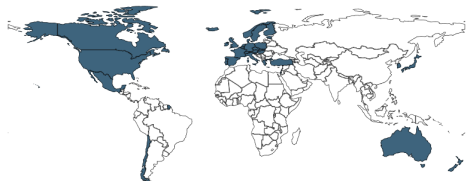
Min. Year:2014 Max. Year: 2014  
N: 34



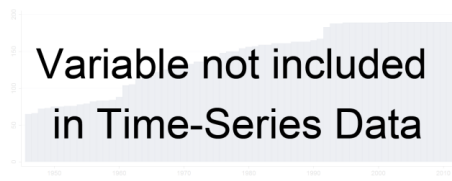
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.96 oecd\_mertrade\_t3 Exports of goods

Exports of goods



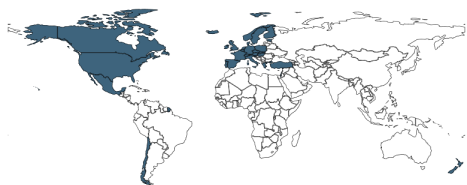
Min. Year:2014 Max. Year: 2014  
N: 34



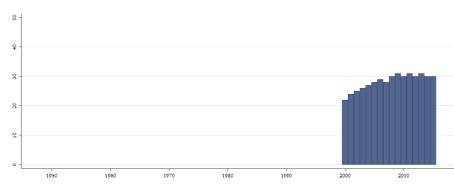
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.97 oecd\_migeduemp\_t1a Employment rates of native-born pop. by educational attainment: low

Employment rates of native-born population by educational attainment: low



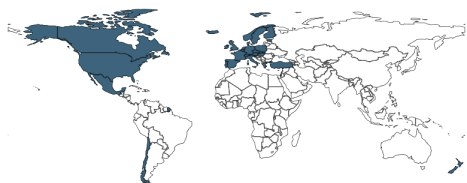
Min. Year:2013 Max. Year: 2015  
N: 31



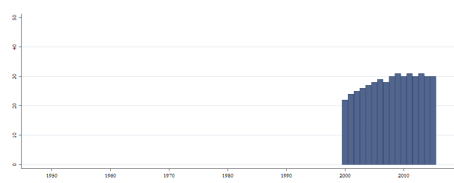
Min. Year:2000 Max. Year: 2015  
N: 31 n: 452  $\bar{N}$ : 28  $\bar{T}$ : 15

#### 4.60.98 oecd\_migeduemp\_t1b Employment rates of native-born pop. by educational attainment: High

Employment rates of native-born population by educational attainment: High



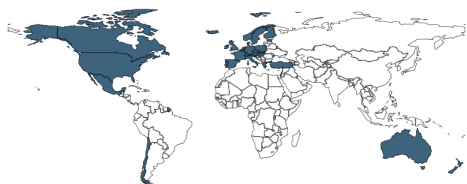
Min. Year:2013 Max. Year: 2015  
N: 31



Min. Year:2000 Max. Year: 2015  
N: 31 n: 452  $\bar{N}$ : 28  $\bar{T}$ : 15

#### 4.60.99 oecd\_migeduemp\_t1c Employment rates of native-born pop. by educational attainment: Total

Employment rates of native-born population by educational attainment: Total



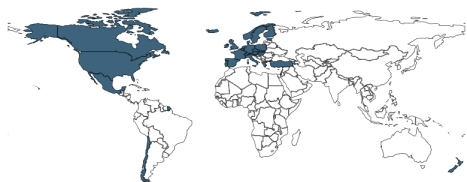
Min. Year:2013 Max. Year: 2015  
N: 32



Min. Year:2000 Max. Year: 2015  
N: 32 n: 468  $\bar{N}$ : 29  $\bar{T}$ : 15

#### 4.60.100 oecd\_migeduemp\_t1d Employment rates of foreign-born pop. by educational attainment: low

Employment rates of foreign-born population by educational attainment: low



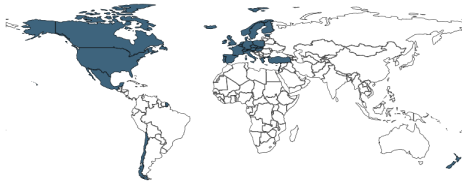
Min. Year:2013 Max. Year: 2015  
N: 31



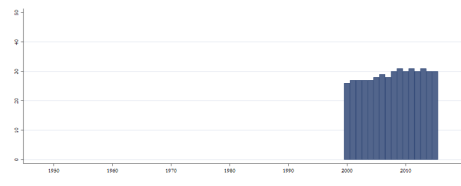
Min. Year:2000 Max. Year: 2015  
N: 31 n: 457  $\bar{N}$ : 29  $\bar{T}$ : 15

#### 4.60.101 oecd\_migeduemp\_t1e Employment rates of foreign-born pop. by educational attainment: High

Employment rates of foreign-born population by educational attainment: High



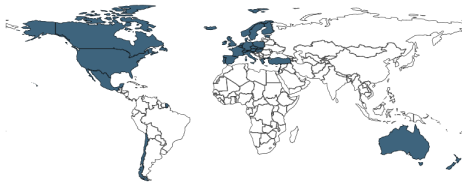
Min. Year:2013 Max. Year: 2015  
N: 31



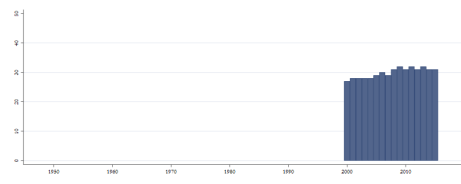
Min. Year:2000 Max. Year: 2015  
N: 31 n: 462  $\bar{N}$ : 29  $\bar{T}$ : 15

#### 4.60.102 oecd\_migeduemp\_t1f Employment rates of foreign-born pop. by educational attainment: Total

Employment rates of foreign-born population by educational attainment: Total



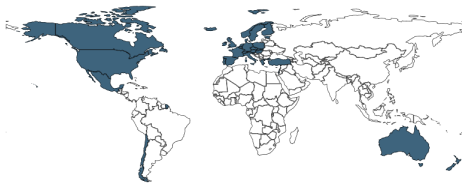
Min. Year:2013 Max. Year: 2015  
N: 32



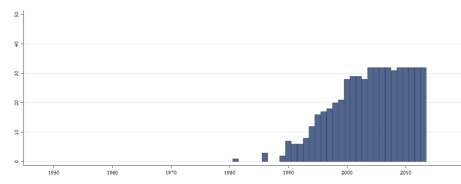
Min. Year:2000 Max. Year: 2015  
N: 32 n: 478  $\bar{N}$ : 30  $\bar{T}$ : 15

#### 4.60.103 oecd\_migforpop\_t1a Foreign-born population

Foreign-born population



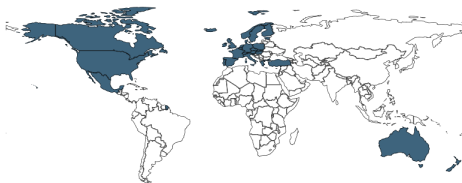
Min. Year:2013 Max. Year: 2013  
N: 32



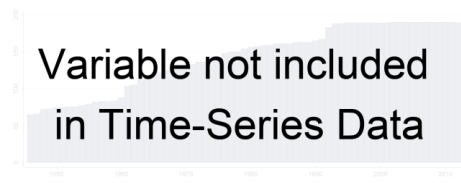
Min. Year:1981 Max. Year: 2013  
N: 34 n: 570  $\bar{N}$ : 17  $\bar{T}$ : 17

#### 4.60.104 oecd\_migunemp\_t1a Unemployment rates of native-born populations: Men

Unemployment rates of native-born populations: Men



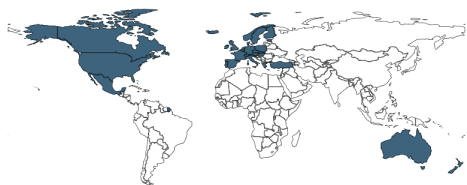
Min. Year:2014 Max. Year: 2014  
N: 30



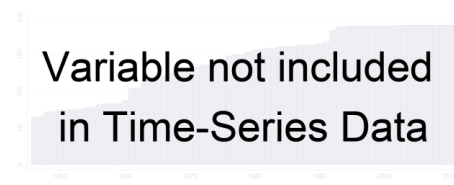
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.105 oecd\_migunemp\_t1b Unemployment rates of foreign-born populations: Men

Unemployment rates of foreign-born populations: Men

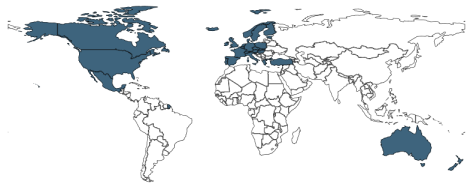


Min. Year: 2014 Max. Year: 2014  
N: 30

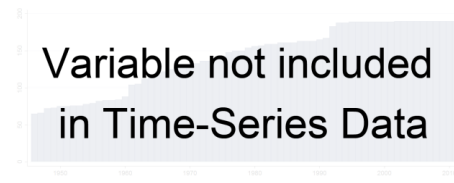


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.60.106 oecd\_migunemp\_t1c** Unemployment rates of native-born populations: Women  
Unemployment rates of native-born populations: Women

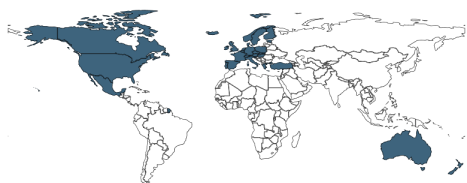


Min. Year: 2014 Max. Year: 2014  
N: 30

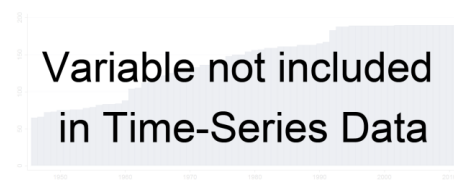


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.60.107 oecd\_migunemp\_t1d** Unemployment rates of foreign-born populations: Women  
Unemployment rates of foreign-born populations: Women

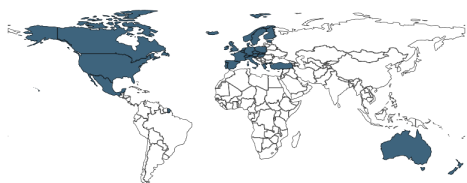


Min. Year: 2014 Max. Year: 2014  
N: 30

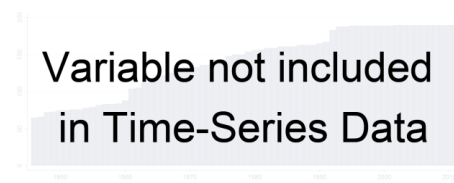


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.60.108 oecd\_migunemp\_t1e** Unemployment rates of native-born populations: Total  
Unemployment rates of native-born populations: Total

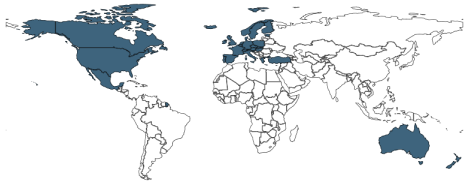


Min. Year: 2014 Max. Year: 2014  
N: 30

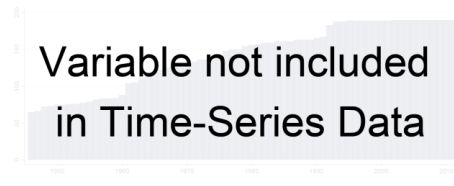


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.60.109 oecd\_migunemp\_t1f** Unemployment rates of foreign-born populations: Total  
Unemployment rates of foreign-born populations: Total



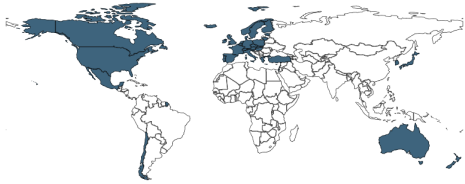
Min. Year:2014 Max. Year: 2014  
N: 30



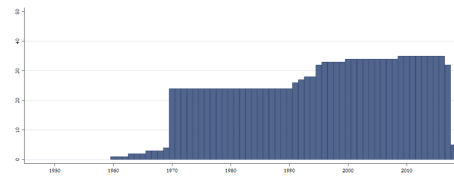
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.110 oecd\_natinccap\_t1 Gross national income per capita

Gross national income per capita



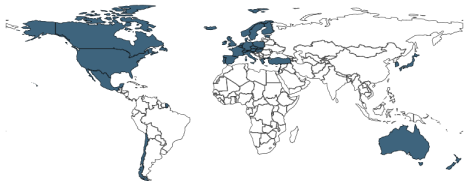
Min. Year:2015 Max. Year: 2016  
N: 36



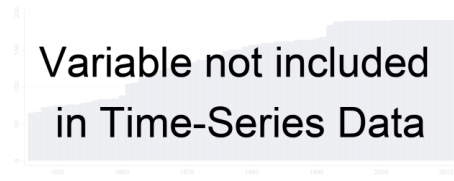
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1445  $\bar{N}$ : 24  $\bar{T}$ : 40

#### 4.60.111 oecd\_nuclearnrj\_t1a Nuclear electricity generation Terawatt hours

Nuclear electricity generation, terawatt hours



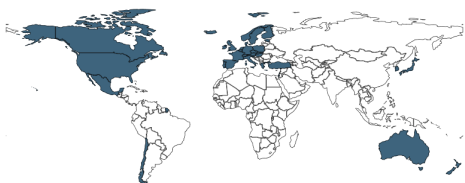
Min. Year:2014 Max. Year: 2014  
N: 34



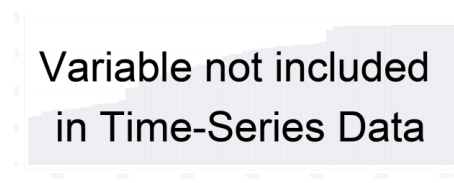
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.112 oecd\_nuclearnrj\_t1b Nuclear electricity generation. % of total electricity generation

Nuclear electricity generation, as a percentage of total electricity generation.



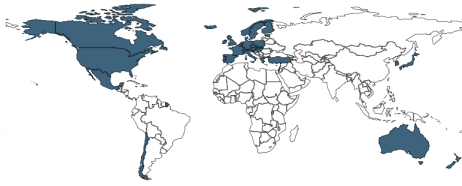
Min. Year:2014 Max. Year: 2014  
N: 34



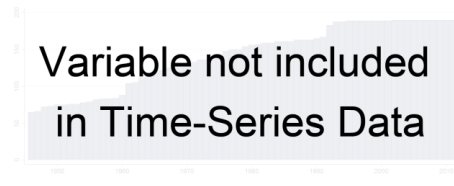
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.113 oecd\_nuclearnrj\_t1c Nuclear power plants connected to the grid

Nuclear power plants connected to the grid



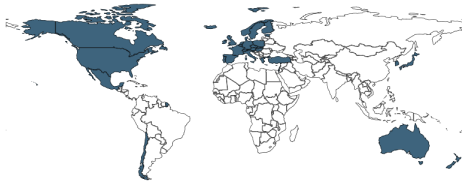
Min. Year: 2014 Max. Year: 2014  
N: 34



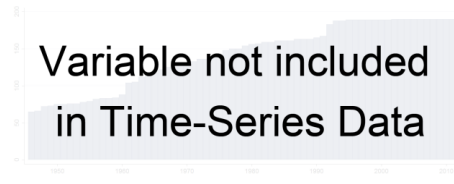
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.114 oecd\_nuclearnj\_t1d Nuclear power plants under construction

Nuclear power plants under construction



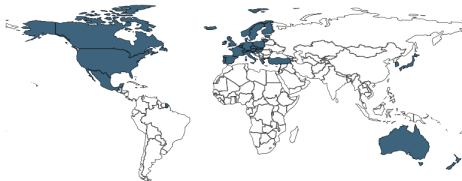
Min. Year: 2014 Max. Year: 2014  
N: 34



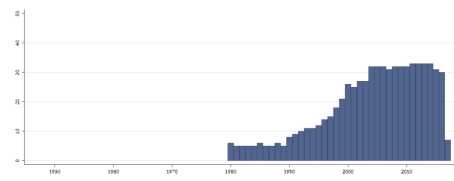
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.115 oecd\_nurse\_g1 Practising nurses

Practising nurses



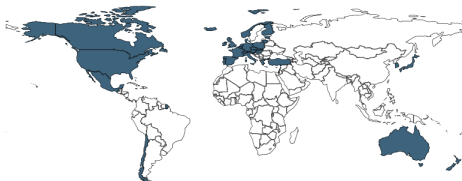
Min. Year: 2013 Max. Year: 2016  
N: 35



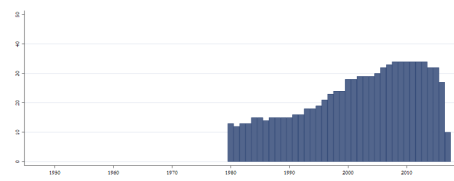
Min. Year: 1980 Max. Year: 2017  
N: 35 n: 738  $\bar{N}$ : 19  $\bar{T}$ : 21

#### 4.60.116 oecd\_nurse\_g3 Nursing graduates

Nursing graduates



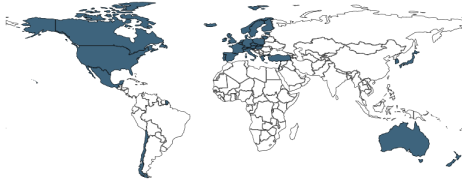
Min. Year: 2013 Max. Year: 2016  
N: 35



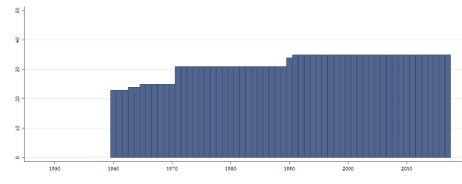
Min. Year: 1980 Max. Year: 2017  
N: 35 n: 910  $\bar{N}$ : 24  $\bar{T}$ : 26

#### 4.60.117 oecd\_oilprod\_t1 Production of crude oil

Production of crude oil



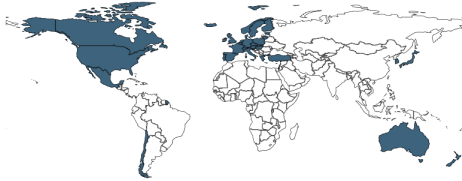
Min. Year:2016 Max. Year: 2016  
N: 36



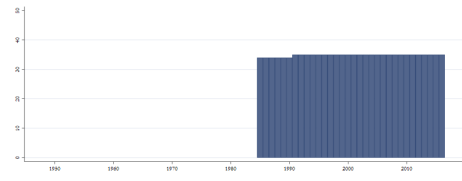
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1863  $\bar{N}$ : 32  $\bar{T}$ : 52

#### 4.60.118 oecd\_patents\_t1 Triadic patent families

Triadic patent families



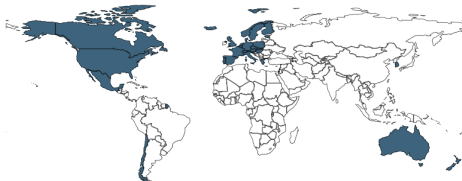
Min. Year:2016 Max. Year: 2016  
N: 36



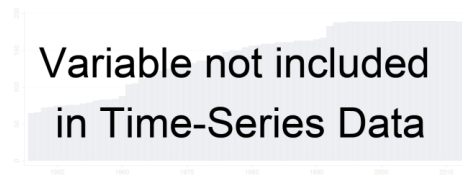
Min. Year:1985 Max. Year: 2016  
N: 36 n: 1146  $\bar{N}$ : 36  $\bar{T}$ : 32

#### 4.60.119 oecd\_pension\_t1b Private pension expenditure

Private pension expenditure



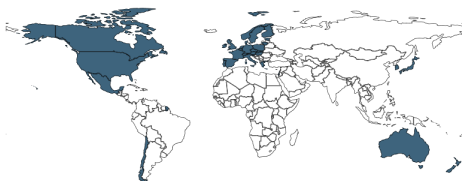
Min. Year:2013 Max. Year: 2013  
N: 31



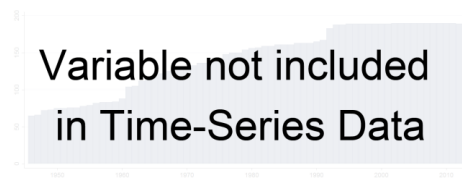
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.120 oecd\_popgeo\_g1 Share of national pop. in the 10% of regions with the largest population

Share of national population in the ten per cent of regions with the largest population



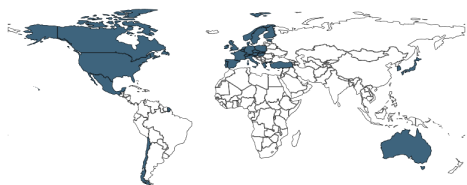
Min. Year:2014 Max. Year: 2014  
N: 33



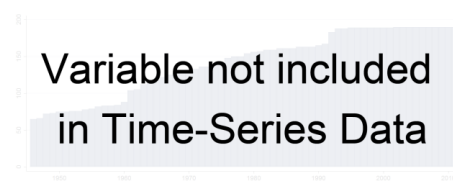
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.121 oecd\_popgeo\_g2a Percentage of urban population by city size: Small urban areas

Percentage of urban population by city size: Small urban areas



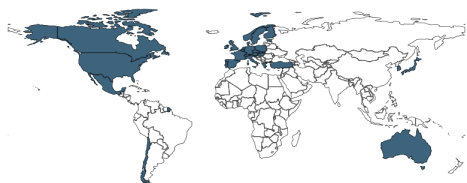
Min. Year: 2014 Max. Year: 2014  
N: 31



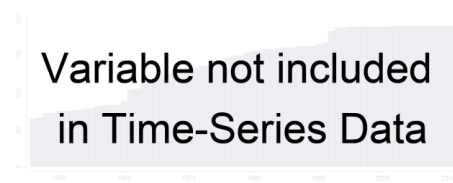
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.122 oecd\_popgeo\_g2b Percentage of urban population by city size: Medium-sized urban areas

Percentage of urban population by city size: Medium-sized urban areas



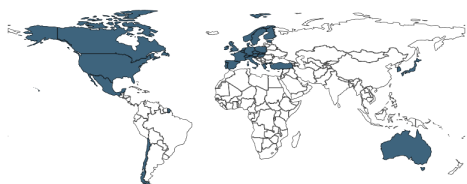
Min. Year: 2014 Max. Year: 2014  
N: 31



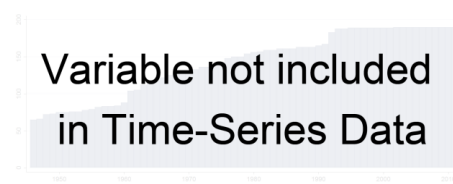
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.123 oecd\_popgeo\_g2c Percentage of urban population by city size: Metropolitan areas

Percentage of urban population by city size: Metropolitan areas



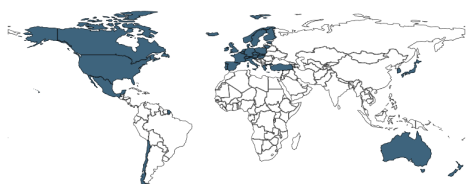
Min. Year: 2014 Max. Year: 2014  
N: 31



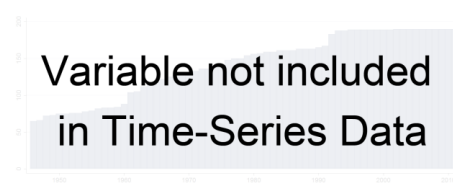
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.124 oecd\_popgeo\_g3a Distribution of the national population into urban regions

Distribution of the national population into urban regions



Min. Year: 2014 Max. Year: 2014  
N: 35

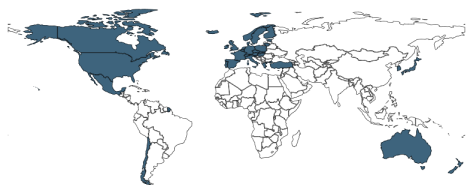


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

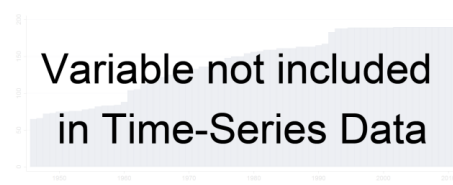
#### 4.60.125 oecd\_popgeo\_g3b Distribution of the national population into intermediate regions

Distribution of the national population into intermediate regions



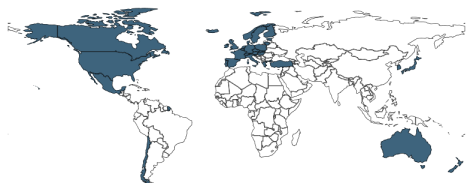


Min. Year: 2014 Max. Year: 2014  
N: 35

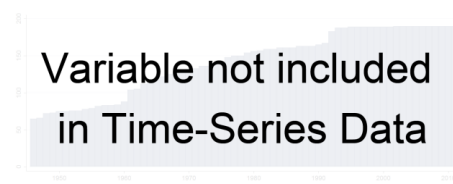


N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

**4.60.126 oecd\_popgeo\_g3c** Distribution of the national population into rural regions  
Distribution of the national population into rural regions

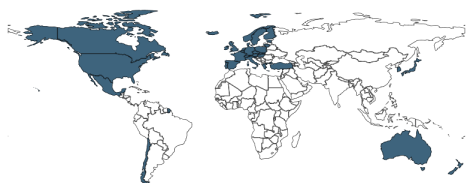


Min. Year: 2014 Max. Year: 2014  
N: 35

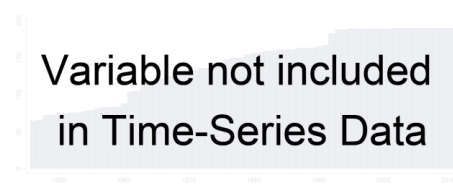


N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

**4.60.127 oecd\_popgeo\_g4a** Distribution of the national area into urban regions  
Distribution of the national area into urban regions

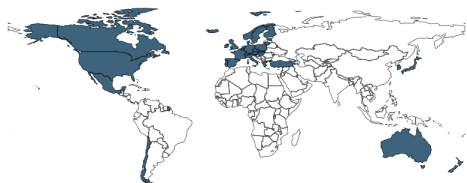


Min. Year: 2014 Max. Year: 2014  
N: 35

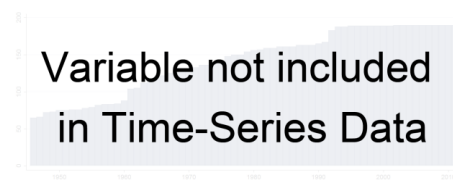


N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

**4.60.128 oecd\_popgeo\_g4b** Distribution of the national area into intermediate regions  
Distribution of the national area into intermediate regions

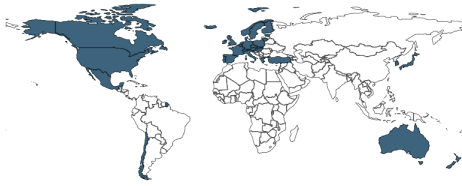


Min. Year: 2014 Max. Year: 2014  
N: 35

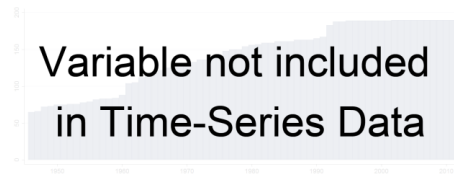


N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

**4.60.129 oecd\_popgeo\_g4c** Distribution of the national area into rural regions  
Distribution of the national area into rural regions



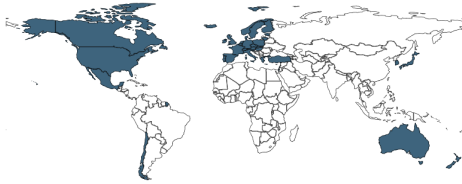
Min. Year:2014 Max. Year: 2014  
N: 35



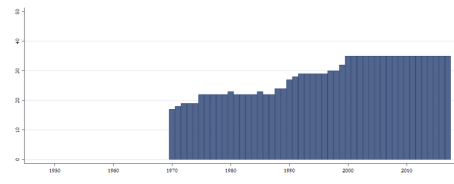
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.130 oecd\_pphlthxp\_t1c Total expenditure on health

Total expenditure on health



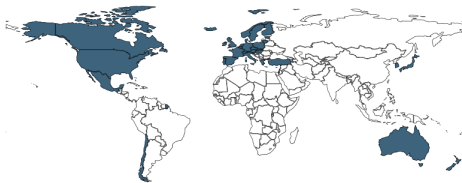
Min. Year:2015 Max. Year: 2016  
N: 36



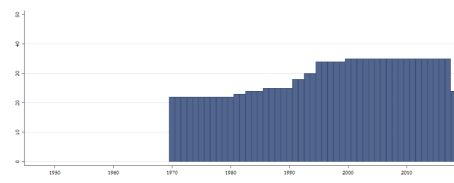
Min. Year:1970 Max. Year: 2017  
N: 36 n: 1368  $\bar{N}$ : 29  $\bar{T}$ : 38

#### 4.60.131 oecd\_prodincom\_g1 GDP per hour worked

GDP per hour worked



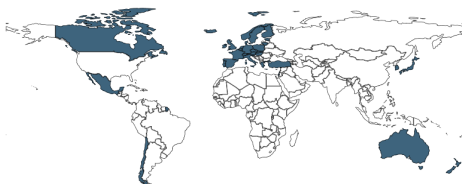
Min. Year:2016 Max. Year: 2016  
N: 36



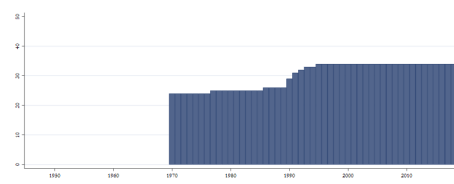
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1444  $\bar{N}$ : 29  $\bar{T}$ : 40

#### 4.60.132 oecd\_prodincom\_g2a Levels of GDP per capita & labour productivity (% gap in USD)

Levels of GDP per capita and labour productivity - Percentage gap with respect to US GDP per capita



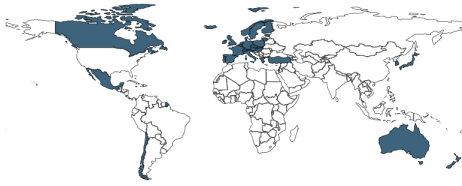
Min. Year:2016 Max. Year: 2016  
N: 35



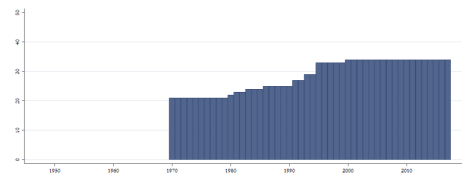
Min. Year:1970 Max. Year: 2018  
N: 35 n: 1496  $\bar{N}$ : 31  $\bar{T}$ : 43

#### 4.60.133 oecd\_prodincom\_g2b Levels of GDP per capita & labour productivity (Effect of labour util.)

Levels of GDP per capita and labour productivity - Effect of labour utilisation



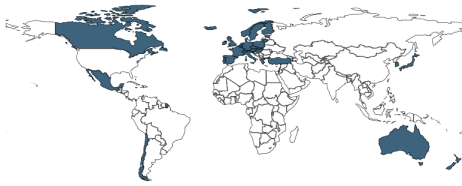
Min. Year:2016 Max. Year: 2016  
N: 35



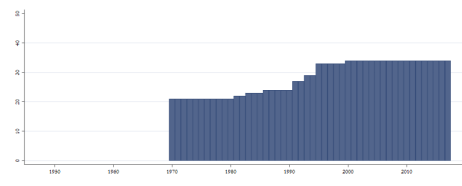
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1382  $\bar{N}$ : 29  $\bar{T}$ : 39

#### 4.60.134 oecd\_prodincom\_g2c Levels of GDP per capita & labour productivity (GDP/hour worked)

Levels of GDP per capita and labour productivity - Percentage gap with respect to US GDP per hour worked



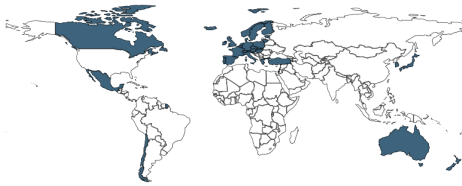
Min. Year:2016 Max. Year: 2016  
N: 35



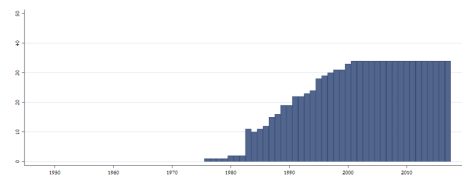
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1371  $\bar{N}$ : 29  $\bar{T}$ : 39

#### 4.60.135 oecd\_ptempl\_t1 Incidence of part-time employment

Incidence of part-time employment



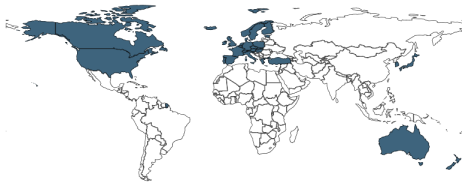
Min. Year:2015 Max. Year: 2016  
N: 35



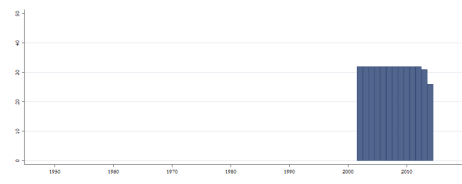
Min. Year:1976 Max. Year: 2017  
N: 35 n: 992  $\bar{N}$ : 24  $\bar{T}$ : 28

#### 4.60.136 oecd\_rddeath\_t1 Road fatalities

Road fatalities. Deaths, Per 1 000 000 inhabitants, 1994 - 2016 Source: ITF Transport Statistics: Road accidents



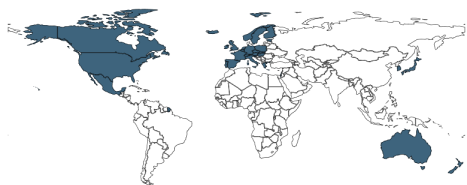
Min. Year:2013 Max. Year: 2014  
N: 31



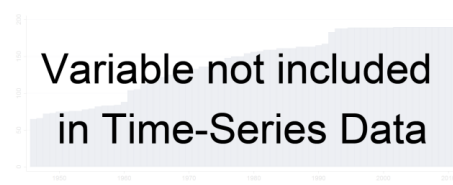
Min. Year:2002 Max. Year: 2014  
N: 32 n: 409  $\bar{N}$ : 31  $\bar{T}$ : 13

#### 4.60.137 oecd\_regdislabour\_g1a Differences in annual employment growth across regions: Maximum

Differences in annual employment growth across regions: Maximum



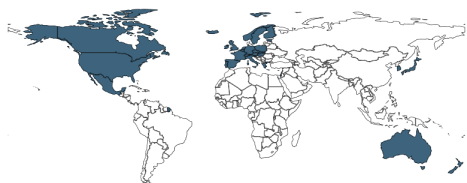
Min. Year: 2014 Max. Year: 2014  
N: 30



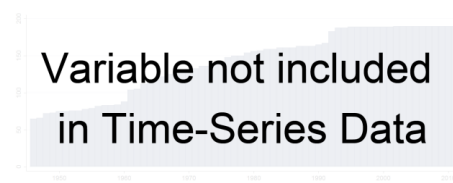
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.138 oecd\_regdislabour\_g1b Differences in annual employment growth across regions: Minimum

Differences in annual employment growth across regions: Minimum



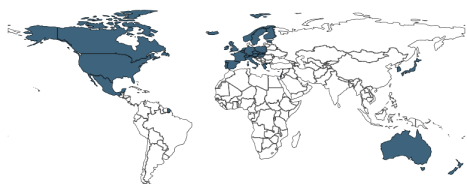
Min. Year: 2014 Max. Year: 2014  
N: 30



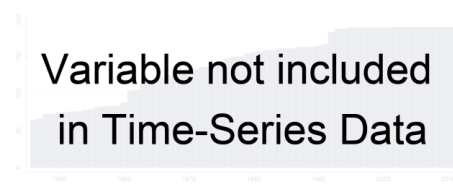
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.139 oecd\_regdislabour\_g1c Differences in annual employment growth across regions: Average

Differences in annual employment growth across regions: Average



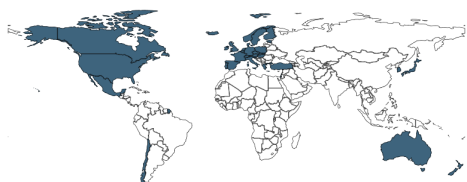
Min. Year: 2014 Max. Year: 2014  
N: 30



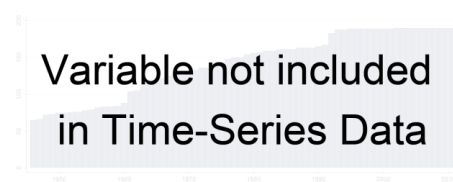
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.140 oecd\_regdislabour\_g3a Regional difference in the employment rate of women: Maximum

Regional difference in the employment rate of women: Maximum



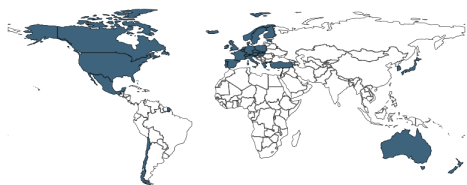
Min. Year: 2014 Max. Year: 2014  
N: 33



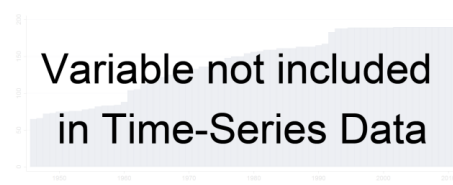
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.141 oecd\_regdislabour\_g3b Regional difference in the employment rate of women: Minimum

Regional difference in the employment rate of women: Minimum



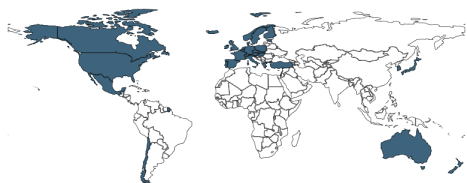
Min. Year:2014 Max. Year: 2014  
N: 33



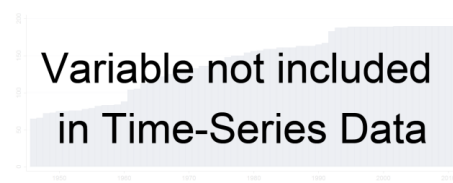
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.142 oecd\_regdislabour\_g3c Regional difference in the employment rate of women: Average

Regional difference in the employment rate of women: Average



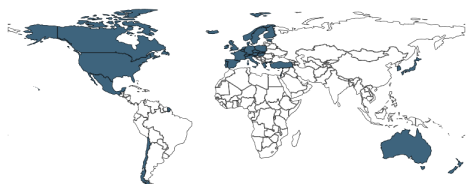
Min. Year:2014 Max. Year: 2014  
N: 33



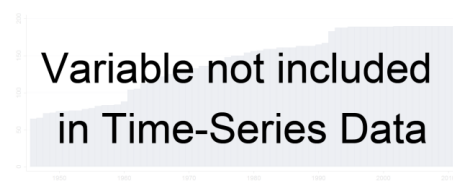
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.143 oecd\_regdispunemp\_g1 Gini index of regional unemployment rates

Gini index of regional unemployment rates



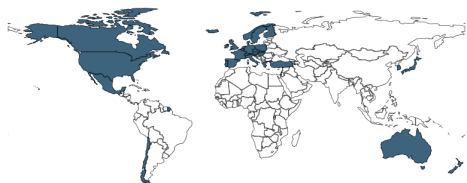
Min. Year:2014 Max. Year: 2014  
N: 33



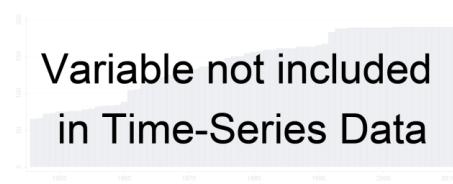
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.144 oecd\_regdispunemp\_g2a Regional variation of the youth unemployment rate: maximum

Regional variation of the youth unemployment rate: maximum



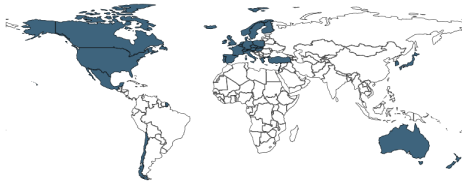
Min. Year:2014 Max. Year: 2014  
N: 32



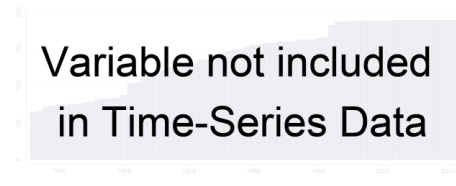
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.145 oecd\_regdispunemp\_g2b Regional variation of the youth unemployment rate: minimum

Regional variation of the youth unemployment rate: minimum



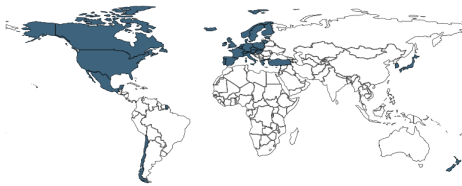
Min. Year:2014 Max. Year: 2014  
N: 32



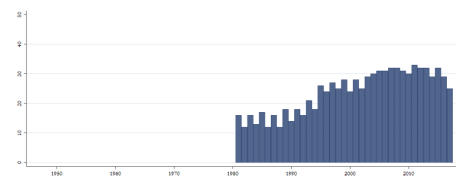
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.146 oecd\_research\_t1 Researchers

Researchers. Total, Per 1 000 employed, 2000 - 2016 Source: OECD Science, Technology and R&D Statistics: Main Science and Technology Indicato



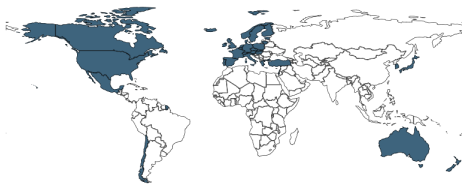
Min. Year:2013 Max. Year: 2017  
N: 34



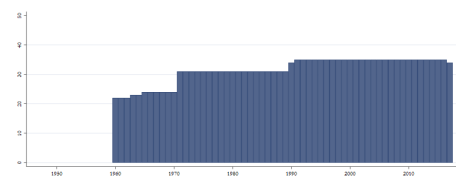
Min. Year:1981 Max. Year: 2017  
N: 36 n: 907  $\bar{N}$ : 25  $\bar{T}$ : 25

#### 4.60.147 oecd\_renewable\_t1 Contribution of renewables to energy supply

Contribution of renewables to energy supply



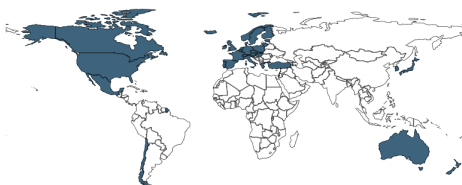
Min. Year:2016 Max. Year: 2016  
N: 36



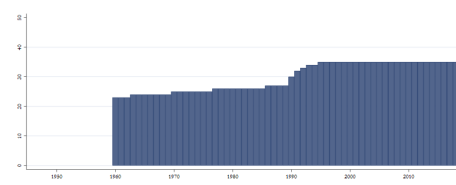
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1851  $\bar{N}$ : 32  $\bar{T}$ : 51

#### 4.60.148 oecd\_rtsconv\_t1a Purchasing power parities

Purchasing power parities



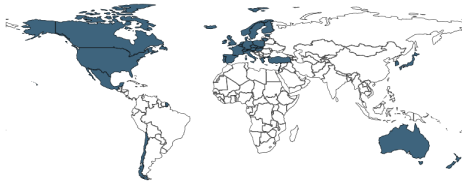
Min. Year:2016 Max. Year: 2016  
N: 36



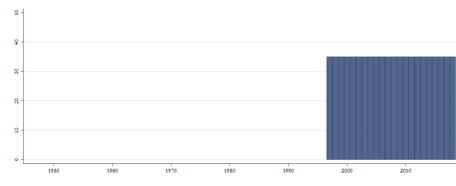
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1782  $\bar{N}$ : 30  $\bar{T}$ : 50

#### 4.60.149 oecd\_rtsconv\_t1b Indices of price levels

Indices of price levels



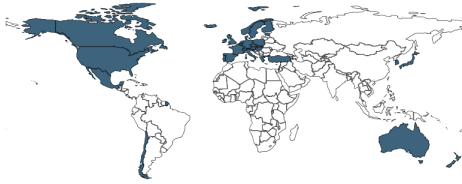
Min. Year:2016 Max. Year: 2016  
N: 36



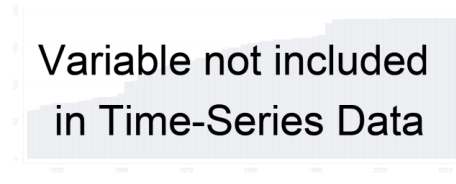
Min. Year:1997 Max. Year: 2018  
N: 36 n: 792  $\bar{N}$ : 36  $\bar{T}$ : 22

#### 4.60.150 oecd\_selfempl\_t1a Self-employment rates: women

Self-employment rates: women



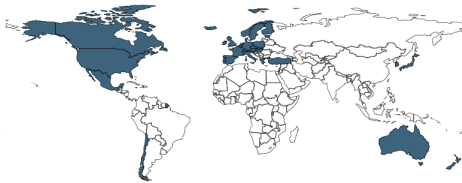
Min. Year:2013 Max. Year: 2014  
N: 33



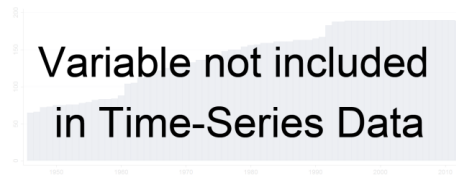
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.151 oecd\_selfempl\_t1b Self-employment rates: men

Self-employment rates: men



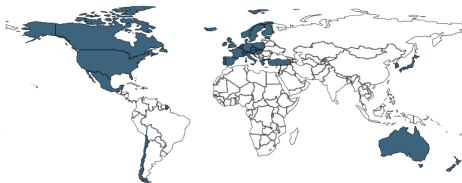
Min. Year:2013 Max. Year: 2014  
N: 33



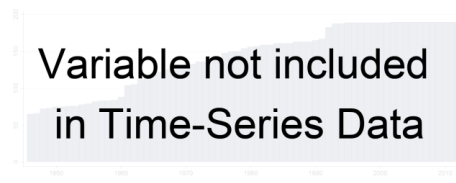
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.152 oecd\_selfempl\_t1c Self-employment rates: total

Self-employment rates: total



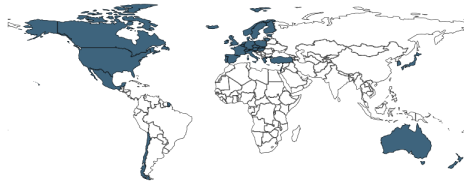
Min. Year:2013 Max. Year: 2014  
N: 34



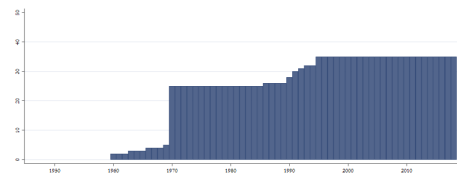
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.153 oecd\_sizegdp\_t1 GDP per capita

GDP per capita



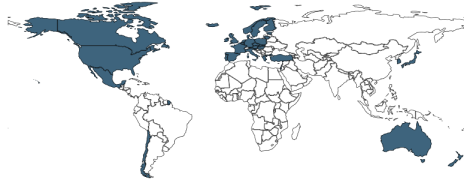
Min. Year:2016 Max. Year: 2016  
N: 36



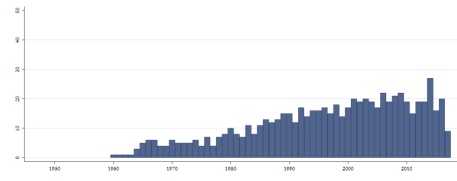
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1553  $\bar{N}$ : 26  $\bar{T}$ : 43

#### 4.60.154 oecd\_smoke\_g1 Adult population smoking daily

Adult population smoking daily



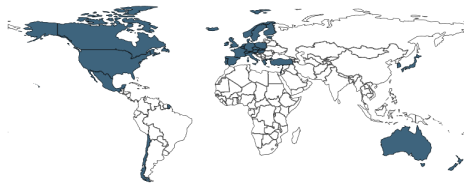
Min. Year:2013 Max. Year: 2017  
N: 35



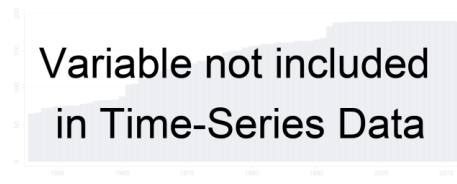
Min. Year:1960 Max. Year: 2017  
N: 36 n: 693  $\bar{N}$ : 12  $\bar{T}$ : 19

#### 4.60.155 oecd\_socexclus\_t1a Youths who are not in education or in employment (15-19)

Youths who are not in education or in employment (15-19)



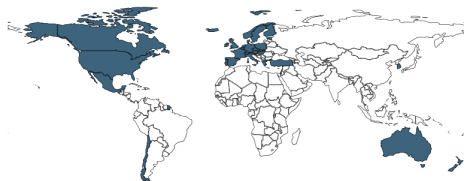
Min. Year:2014 Max. Year: 2014  
N: 34



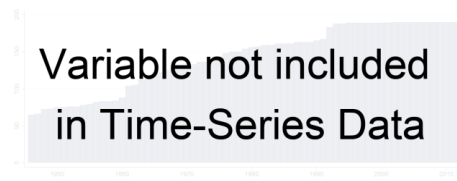
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.156 oecd\_socexclus\_t1b Youths who are not in education or in employment (20-24)

Youths who are not in education or in employment (20-24)



Min. Year:2014 Max. Year: 2014  
N: 33

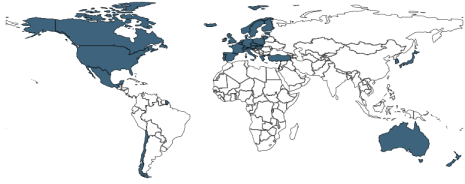


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

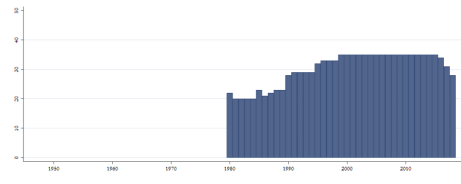
#### 4.60.157 oecd\_socexpnd\_t1a Public social expenditure

Public social expenditure





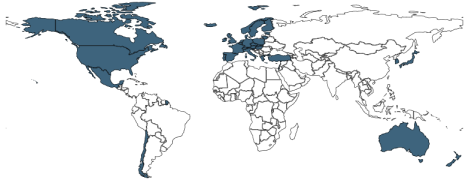
Min. Year:2015 Max. Year: 2016  
N: 36



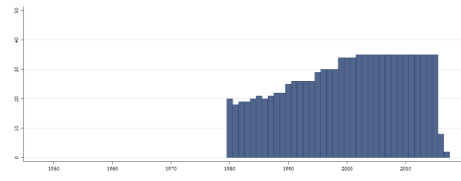
Min. Year:1980 Max. Year: 2018  
N: 36 n: 1202  $\bar{N}$ : 31  $\bar{T}$ : 33

#### 4.60.158 oecd\_socexpnd\_t1b Private social expenditure

Private social expenditure



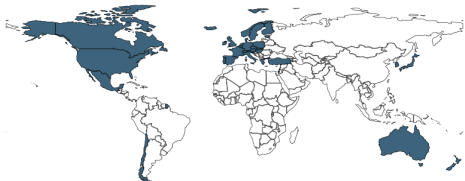
Min. Year:2015 Max. Year: 2016  
N: 36



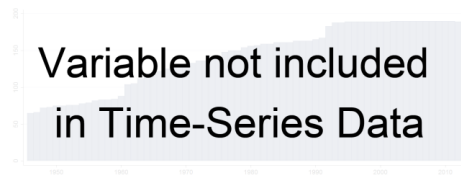
Min. Year:1980 Max. Year: 2017  
N: 36 n: 1072  $\bar{N}$ : 28  $\bar{T}$ : 30

#### 4.60.159 oecd\_socexpnd\_t1c Net social expenditure

Net social expenditure



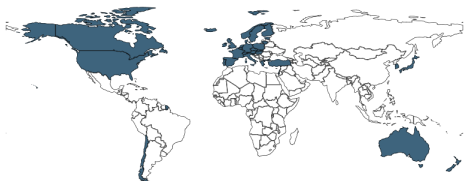
Min. Year:2013 Max. Year: 2015  
N: 35



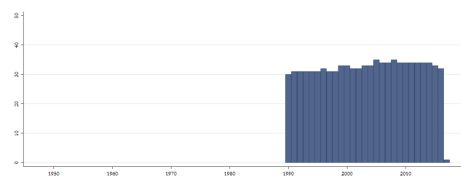
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.160 oecd\_soynox\_t1a Sulphur Oxides Emmissions

Sulphur Oxides Emmissions



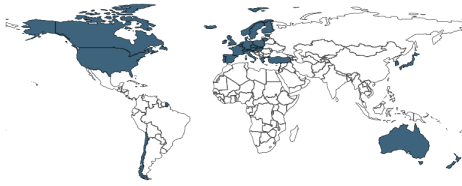
Min. Year:2014 Max. Year: 2016  
N: 35



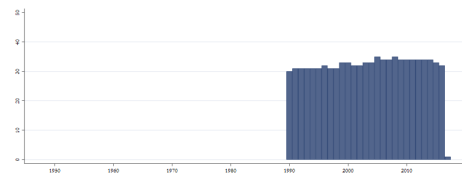
Min. Year:1990 Max. Year: 2017  
N: 36 n: 910  $\bar{N}$ : 33  $\bar{T}$ : 25

#### 4.60.161 oecd\_soynox\_t1b Nitrogene Oxides Emmissions

Nitrogene Oxides Emmissions



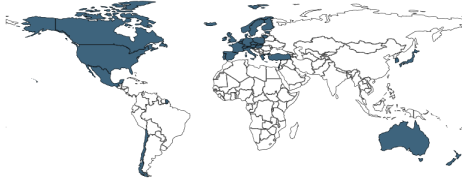
Min. Year:2014 Max. Year: 2016  
N: 35



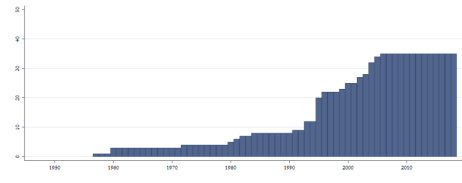
Min. Year:1990 Max. Year: 2017  
N: 36 n: 910  $\bar{N}$ : 33  $\bar{T}$ : 25

#### 4.60.162 oecd\_svctrade\_t1 Trade balance of services

Trade balance of services



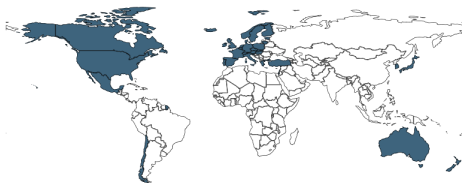
Min. Year:2016 Max. Year: 2016  
N: 36



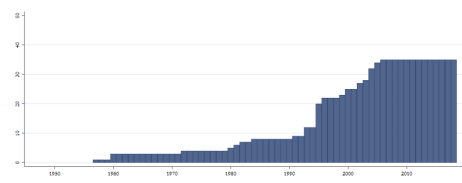
Min. Year:1957 Max. Year: 2018  
N: 36 n: 948  $\bar{N}$ : 15  $\bar{T}$ : 26

#### 4.60.163 oecd\_svctrade\_t2 Imports of services

Imports of services



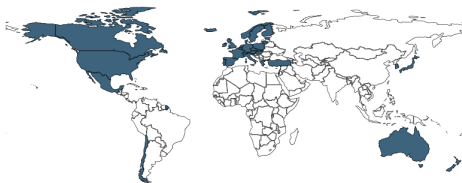
Min. Year:2016 Max. Year: 2016  
N: 36



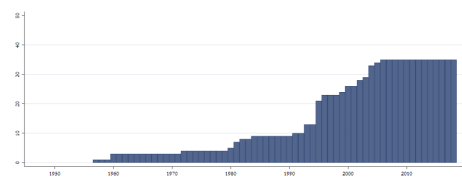
Min. Year:1957 Max. Year: 2018  
N: 36 n: 948  $\bar{N}$ : 15  $\bar{T}$ : 26

#### 4.60.164 oecd\_svctrade\_t3 Exports of services

Exports of services



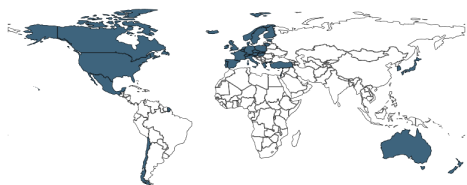
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1957 Max. Year: 2018  
N: 36 n: 972  $\bar{N}$ : 16  $\bar{T}$ : 27

#### 4.60.165 oecd\_taxapw\_t1 Taxes on the average worker

Taxes on the average worker



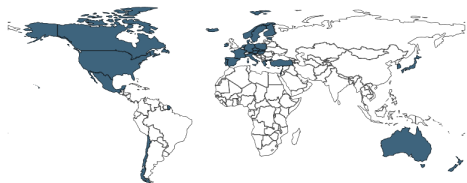
Min. Year:2016 Max. Year: 2016  
N: 36



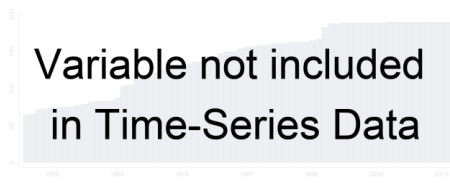
Min. Year:2000 Max. Year: 2018  
N: 36 n: 684  $\bar{N}$ : 36  $\bar{T}$ : 19

#### 4.60.166 oecd\_teachers\_t1b Teachers' starting salary

Teachers' starting salary



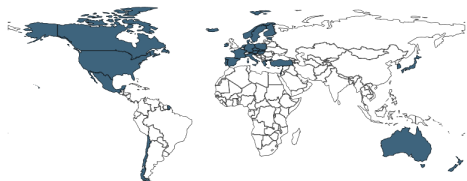
Min. Year:2013 Max. Year: 2013  
N: 31



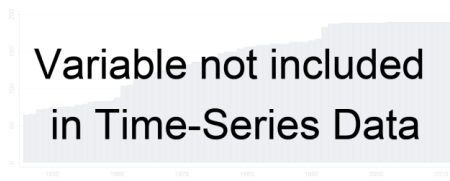
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.167 oecd\_teachers\_t1c Teachers' salary after 10 years of experience

Teachers' salary after 10 years of experience



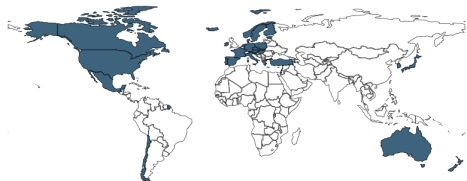
Min. Year:2013 Max. Year: 2013  
N: 31



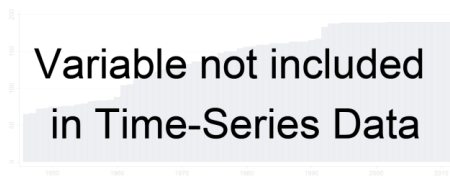
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.168 oecd\_teachers\_t1d Teachers' salary after 15 years of experience

Teachers' salary after 15 years of experience



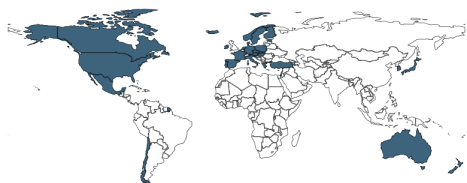
Min. Year:2013 Max. Year: 2013  
N: 31



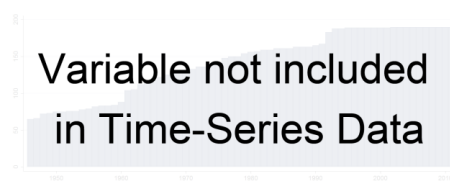
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.169 oecd\_teachers\_t1e Teachers' salary at top of scale

Teachers' salary at top of scale



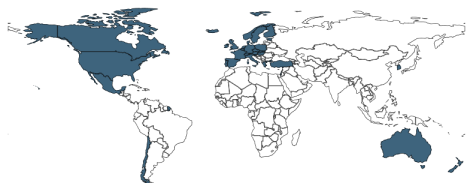
Min. Year: 2013 Max. Year: 2013  
N: 31



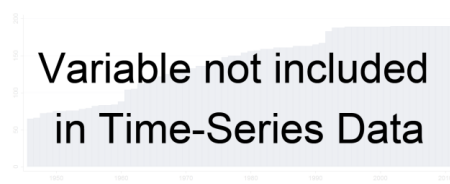
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.60.170 oecd\_tertiary\_t1a Population aged 25-34 below upper secondary

Population aged 25-34 below upper secondary



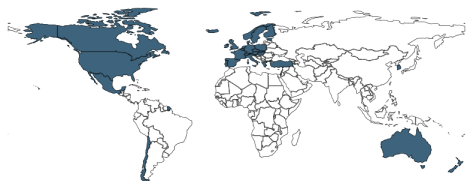
Min. Year: 2014 Max. Year: 2014  
N: 33



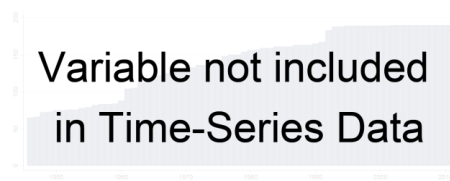
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.60.171 oecd\_tertiary\_t1b Population aged 25-34 below upper secondary

Population aged 25-34 below upper secondary



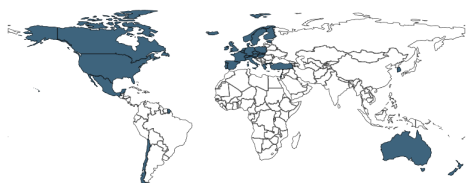
Min. Year: 2014 Max. Year: 2014  
N: 33



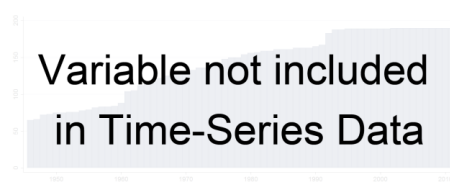
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.60.172 oecd\_tertiary\_t1c Population aged 25-34 in upper secondary or post-secondary non-tertiary

Population aged 25-34 in upper secondary or post-secondary non-tertiary



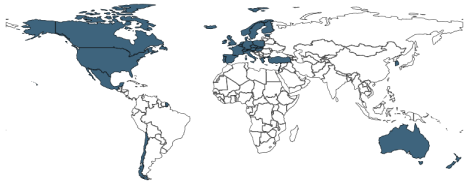
Min. Year: 2014 Max. Year: 2014  
N: 33



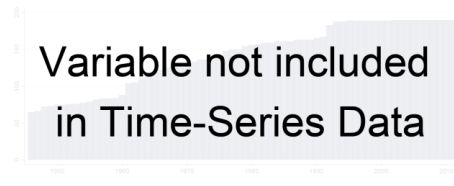
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.60.173 oecd\_tertiary\_t1d Population aged 25-64 below upper secondary

Population aged 25-64 below upper secondary



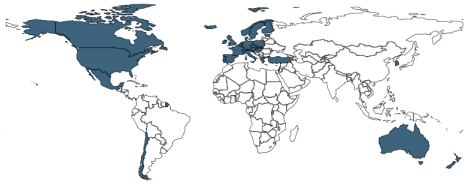
Min. Year:2014 Max. Year: 2014  
N: 33



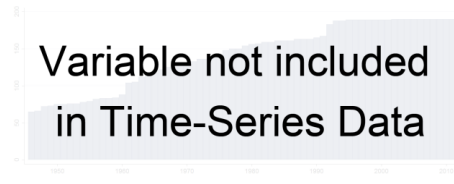
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.174 oecd\_tertiary\_t1e Population aged 25-64 below upper secondary

Population aged 25-64 below upper secondary



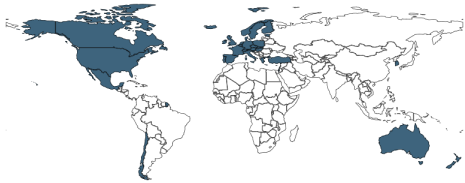
Min. Year:2014 Max. Year: 2014  
N: 33



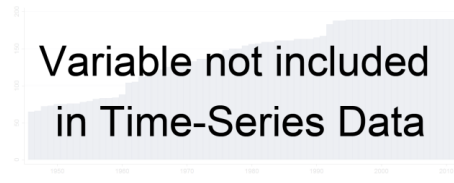
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.175 oecd\_tertiary\_t1f Population aged 25-64 in upper secondary or post-secondary non-tertiary

Population aged 25-64 in upper secondary or post-secondary non-tertiary



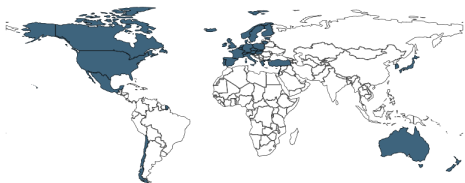
Min. Year:2014 Max. Year: 2014  
N: 33



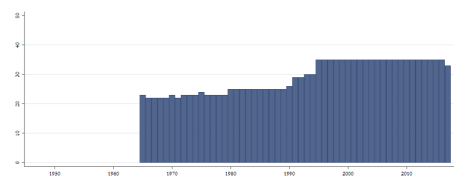
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.60.176 oecd\_totaltax\_t1 Total tax revenue

Total tax revenue



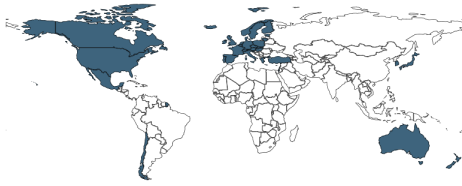
Min. Year:2016 Max. Year: 2016  
N: 36



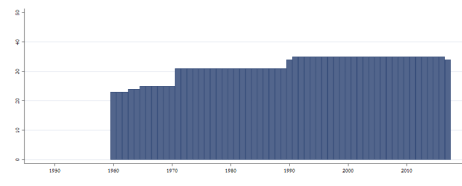
Min. Year:1965 Max. Year: 2017  
N: 36 n: 1561  $\bar{N}$ : 29  $\bar{T}$ : 43

#### 4.60.177 oecd\_tpes\_t1 Total primary energy supply per unit of GDP

Total primary energy supply per unit of GDP



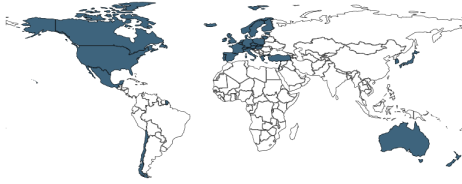
Min. Year:2016 Max. Year: 2016  
N: 36



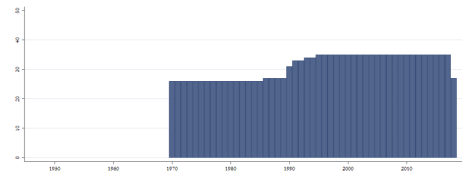
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1862  $\bar{N}$ : 32  $\bar{T}$ : 52

#### 4.60.178 oecd\_tradegdp\_t1a International imports in goods and services

International imports in goods and services



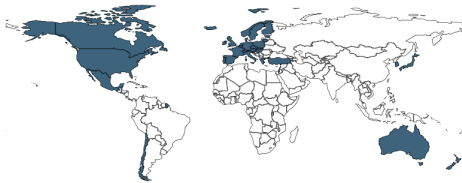
Min. Year:2016 Max. Year: 2016  
N: 36



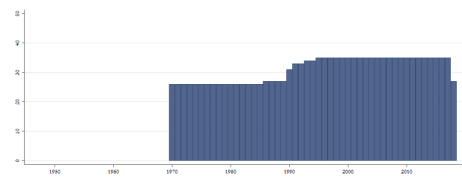
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1545  $\bar{N}$ : 32  $\bar{T}$ : 43

#### 4.60.179 oecd\_tradegdp\_t1b International exports in goods and services

International exports in goods and services



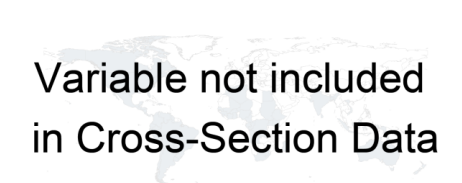
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1970 Max. Year: 2018  
N: 36 n: 1545  $\bar{N}$ : 32  $\bar{T}$ : 43

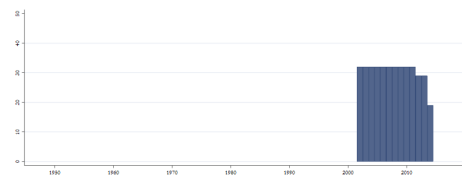
#### 4.60.180 oecd\_transpgood\_t1 Inland goods transport

Inland goods transport



Variable not included  
in Cross-Section Data

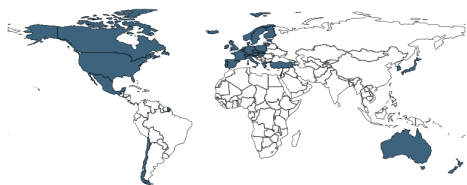
N: N/A Min. Year: N/A Max. Year: N/A



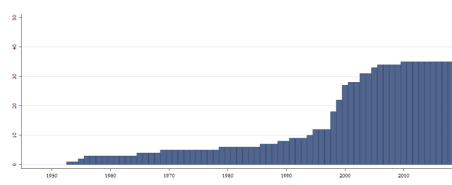
Min. Year:2002 Max. Year: 2014  
N: 32 n: 397  $\bar{N}$ : 31  $\bar{T}$ : 12

#### 4.60.181 oecd\_unemplrt\_t1a Unemployment rates: women

Unemployment rates: women



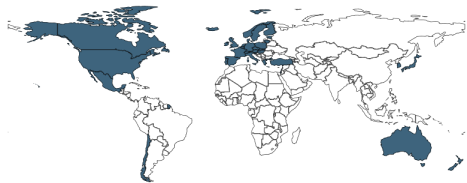
Min. Year:2016 Max. Year: 2016  
N: 36



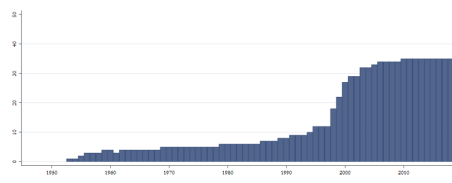
Min. Year:1953 Max. Year: 2018  
N: 36 n: 935  $\bar{N}$ : 14  $\bar{T}$ : 26

#### 4.60.182 oecd\_unemplrt\_t1b Unemployment rates: men

Unemployment rates: men



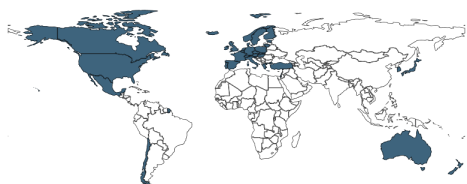
Min. Year:2016 Max. Year: 2016  
N: 36



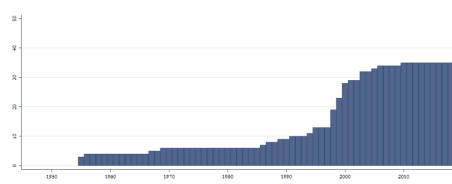
Min. Year:1953 Max. Year: 2018  
N: 36 n: 944  $\bar{N}$ : 14  $\bar{T}$ : 26

#### 4.60.183 oecd\_unemplrt\_t1c Unemployment rates: total

Unemployment rates: total



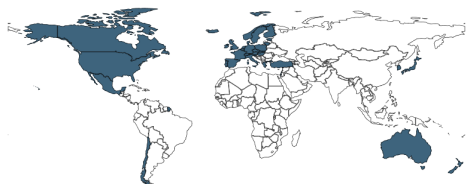
Min. Year:2014 Max. Year: 2016  
N: 36



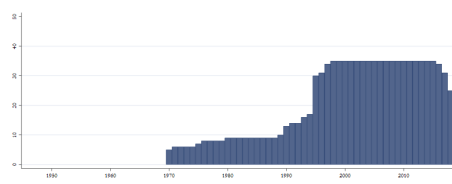
Min. Year:1955 Max. Year: 2018  
N: 36 n: 973  $\bar{N}$ : 15  $\bar{T}$ : 27

#### 4.60.184 oecd\_valaddac\_t1a Value added: agriculture, hunting, fishing and forestry

Value added in agriculture, hunting, fishing and forestry



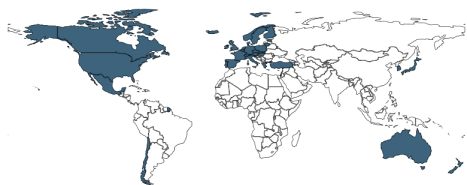
Min. Year:2015 Max. Year: 2016  
N: 36



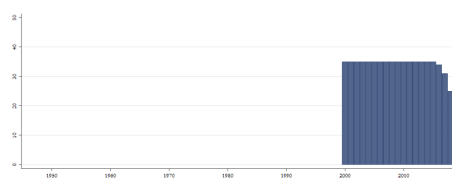
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1072  $\bar{N}$ : 22  $\bar{T}$ : 30

#### 4.60.185 oecd\_valaddac\_t1b Value added: industry including energy

Value added in industry including energy



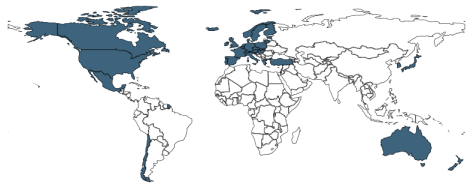
Min. Year:2015 Max. Year: 2016  
N: 36



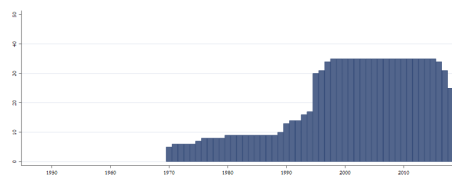
Min. Year:2000 Max. Year: 2018  
N: 36 n: 669  $\bar{N}$ : 35  $\bar{T}$ : 19

#### 4.60.186 oecd\_valaddac\_t1c Value added: construction

Value added in construction



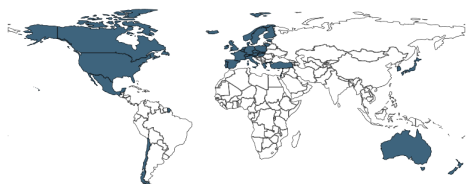
Min. Year:2015 Max. Year: 2016  
N: 36



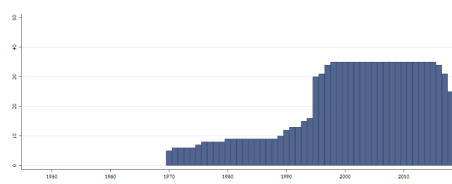
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1072  $\bar{N}$ : 22  $\bar{T}$ : 30

#### 4.60.187 oecd\_valaddac\_t1d Value added: trade, repairs, transport, accommodation and food services

Value added in distributive trade, repairs, transport and accommodation and food services activities



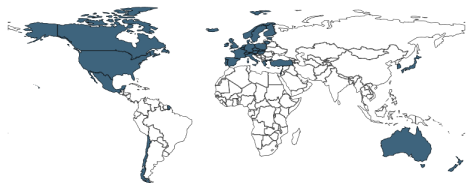
Min. Year:2015 Max. Year: 2016  
N: 36



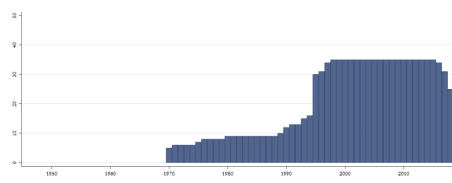
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1067  $\bar{N}$ : 22  $\bar{T}$ : 30

#### 4.60.188 oecd\_valaddac\_t1e Value added: Information and communication

Value added in Information and communication



Min. Year:2015 Max. Year: 2016  
N: 36

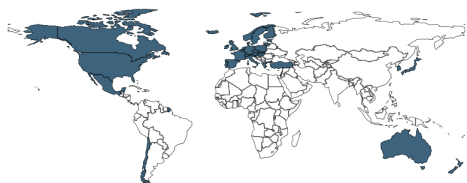


Min. Year:1970 Max. Year: 2018  
N: 36 n: 1067  $\bar{N}$ : 22  $\bar{T}$ : 30

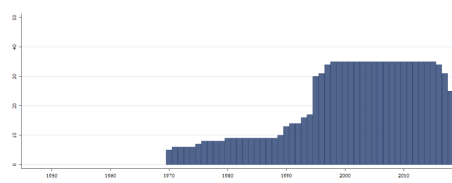
#### 4.60.189 oecd\_valaddac\_t1f Value added: financial and insurance activities

Value added in financial and insurance activities





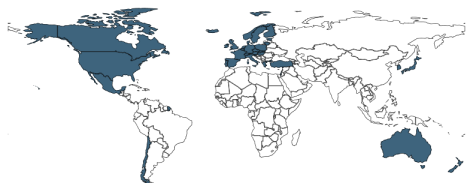
Min. Year:2015 Max. Year: 2016  
N: 36



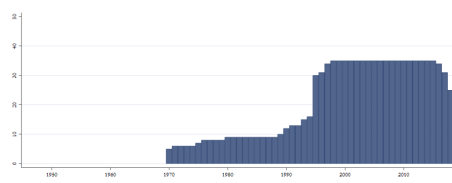
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1072  $\bar{N}$ : 22  $\bar{T}$ : 30

#### 4.60.190 oecd\_valaddac\_t1g Value added: real estate activities

Value added in real estate activities



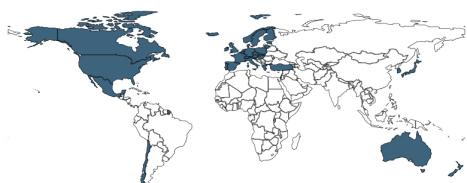
Min. Year:2015 Max. Year: 2016  
N: 36



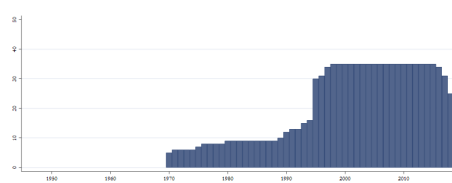
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1067  $\bar{N}$ : 22  $\bar{T}$ : 30

#### 4.60.191 oecd\_valaddac\_t1h Value added in professional, scientific, technical, administration

Value added in professional, scientific, technical, administration and support services activities



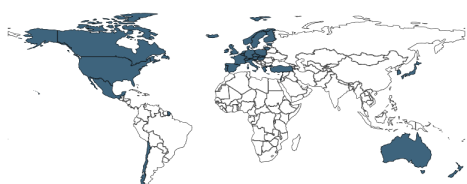
Min. Year:2015 Max. Year: 2016  
N: 36



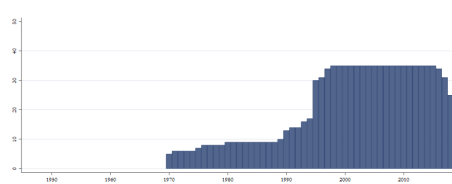
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1067  $\bar{N}$ : 22  $\bar{T}$ : 30

#### 4.60.192 oecd\_valaddac\_t1i Value added in public administration, defence, education human health

Value added in public administration, defence, education human health and social work activities



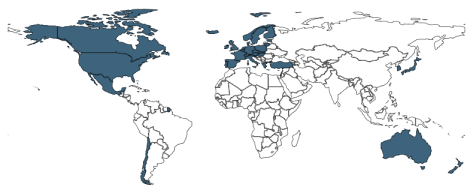
Min. Year:2015 Max. Year: 2016  
N: 36



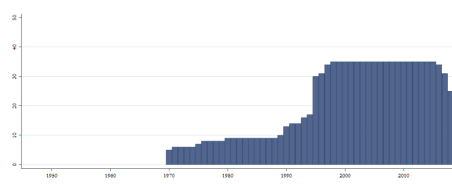
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1072  $\bar{N}$ : 22  $\bar{T}$ : 30

#### 4.60.193 oecd\_valaddac\_t1j Value added in other services activities

Value added in other services activities



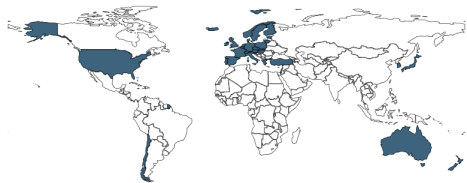
Min. Year:2015 Max. Year: 2016  
N: 36



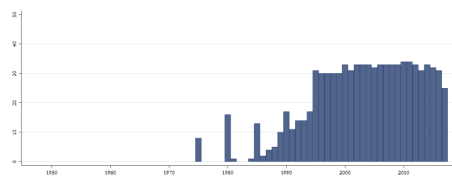
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1072  $\bar{N}$ : 22  $\bar{T}$ : 30

#### 4.60.194 oecd\_waste\_t1a Generation intensities of municipal waste

Generation intensities of municipal waste



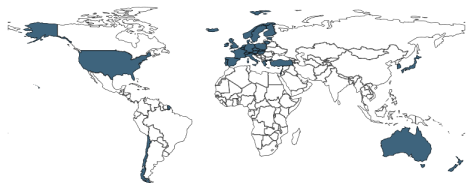
Min. Year:2015 Max. Year: 2016  
N: 34



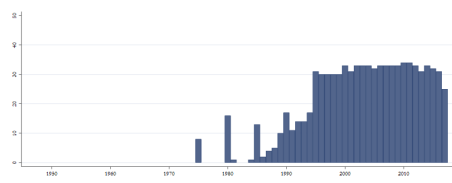
Min. Year:1975 Max. Year: 2017  
N: 35 n: 887  $\bar{N}$ : 21  $\bar{T}$ : 25

#### 4.60.195 oecd\_waste\_t1b Total amount generated of municipal waste

Total amount generated of municipal waste



Min. Year:2015 Max. Year: 2016  
N: 34



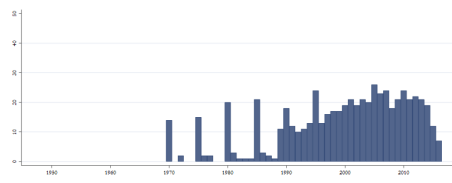
Min. Year:1975 Max. Year: 2017  
N: 35 n: 887  $\bar{N}$ : 21  $\bar{T}$ : 25

#### 4.60.196 oecd\_water\_t1a Water abstractions per capita

Water abstractions per capita

Variable not included  
in Cross-Section Data

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



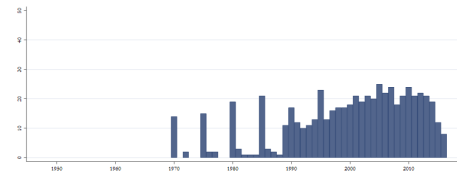
Min. Year:1970 Max. Year: 2016  
N: 34 n: 605  $\bar{N}$ : 13  $\bar{T}$ : 18

#### 4.60.197 oecd\_water\_t1b Total abstractions of water

Total abstractions of water

## Variable not included in Cross-Section Data

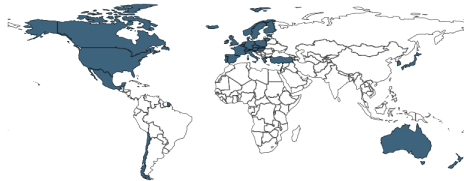
N: N/A Min. Year: N/A Max. Year: N/A



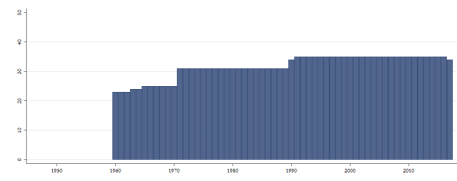
Min. Year: 1970 Max. Year: 2016  
N: 34 n: 600  $\bar{N}$ : 13  $\bar{T}$ : 18

### 4.60.198 oecd\_welecgen\_t1 Electricity generation

Electricity generation



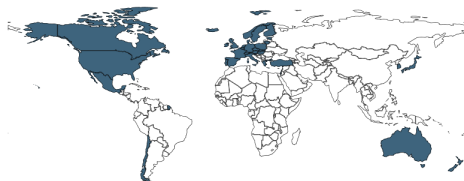
Min. Year: 2016 Max. Year: 2016  
N: 36



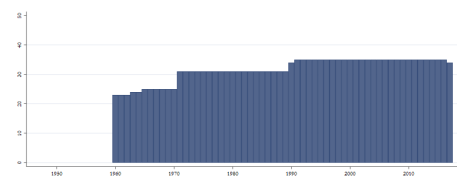
Min. Year: 1960 Max. Year: 2017  
N: 36 n: 1862  $\bar{N}$ : 32  $\bar{T}$ : 52

### 4.60.199 oecd\_wenergys\_t1 Total primary energy supply

Total primary energy supply



Min. Year: 2016 Max. Year: 2016  
N: 36



Min. Year: 1960 Max. Year: 2017  
N: 36 n: 1862  $\bar{N}$ : 32  $\bar{T}$ : 52

## 4.61 The Ocean Health Index

<http://www.oceanhealthindex.org>  
(Halpern et al., 2012) (Halpern et al., 2018)  
(Data downloaded: 2019-10-08)

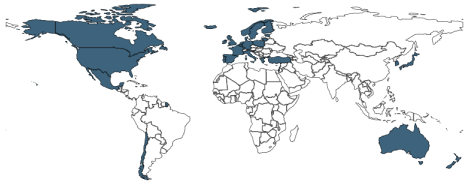
### The Ocean Health Index Data

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.

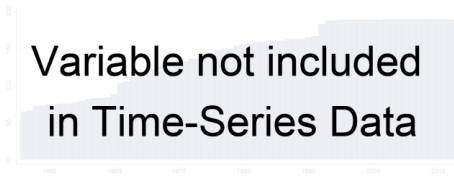
#### 4.61.1 ohi\_ohi The Ocean Health Index

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: 2015 Max. Year: 2015  
N: 30



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

#### 4.62 Marshall and Jagers

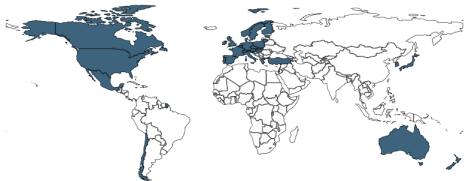
<http://www.systemicpeace.org/inscrdata.html>  
(Marshall et al., 2019)  
(Data downloaded: 2019-06-18)

#### Polity IV Annual Time-Series, 1800-2017

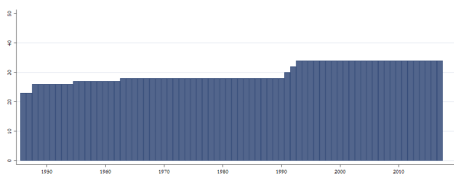
The Polity project is one of the most widely used data resource for studying regime change and the effects of regime authority. Polity IV Project, Political Regime Characteristics and Transitions, 1800-2017, annual, cross-national, time-series and polity-case formats coding democratic and autocratic “patterns of authority” and regime changes in all independent countries with total population greater than 500,000 in 2017. Please note that the codes -99, -88, -77 and -66 has been recoded to missing.

##### 4.62.1 p\_durable Regime Durability

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: 2016 Max. Year: 2016  
N: 35



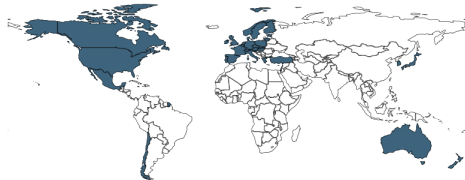
Min. Year: 1946 Max. Year: 2017  
N: 35 n: 2166  $\bar{N}$ : 30  $\bar{T}$ : 62

##### 4.62.2 p\_polity2 Revised Combined Polity Score

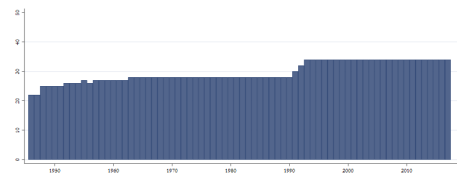
Revised Combined Polity Score: The polity score is computed by subtracting the p\_autoc score from the p\_democ score; the resulting unified polity scale ranges from +10 (strongly democratic) to -10 (strongly autocratic). The revised version of the polity variable is designed to facilitate the use of 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:2016 Max. Year: 2016  
N: 35



Min. Year:1946 Max. Year: 2017  
N: 35 n: 2159  $\bar{N}$ : 30  $\bar{T}$ : 62

#### 4.63 Norris and Groemping

<https://dataverse.harvard.edu/dataverse/PEI>

(Norris & Groemping, 2019)

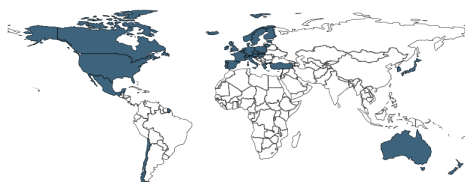
(Data downloaded: 2019-07-08)

#### Electoral Integrity Project (Version 7.0)

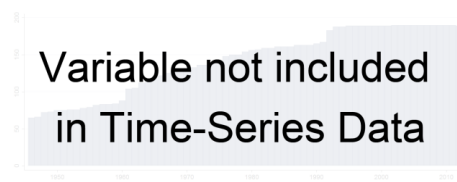
This dataset by the Electoral Integrity Project evaluates the quality of elections held around the world. Based on a rolling survey collecting the views of election experts, this research provides independent and reliable evidence to compare whether countries meet international standards of electoral 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.

##### 4.63.1 pei\_eir Electoral Integrity Rating

Overall how would you rate the integrity of this election on a scale from 1 (very poor) to 10 (very good)?



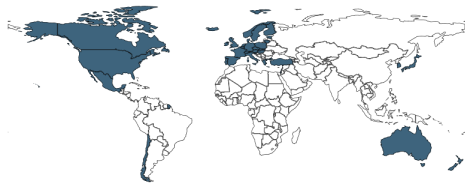
Min. Year:2014 Max. Year: 2018  
N: 36



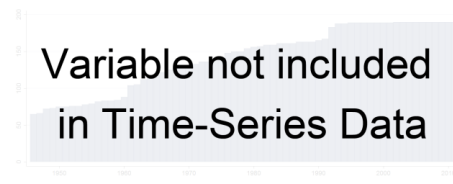
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

##### 4.63.2 pei\_eirhci Electoral Integrity Rating, Higher C.I.

The higher bound of the 95% confidence interval for either the election or the country level.



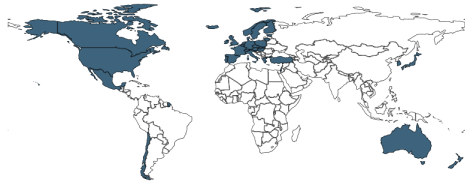
Min. Year:2014 Max. Year: 2018  
N: 36



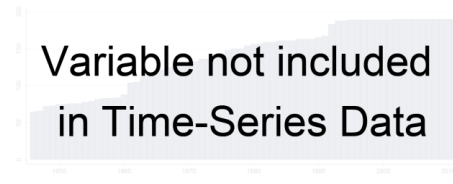
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.63.3 pei\_eirlci Electoral Integrity Rating, Lower C.I.

The lower bound of the 95% confidence interval for either the election or the country level.



Min. Year:2014 Max. Year: 2018  
N: 36

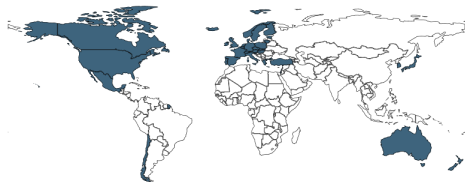


N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

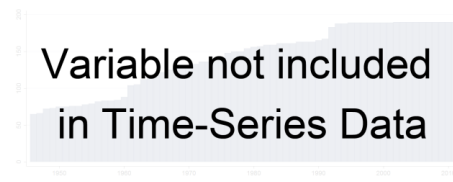
#### 4.63.4 pei\_off Elected Office

What government body was this election for?

- 0. Legislative
- 1. Presidential
- 2. Both



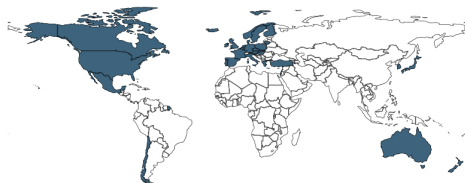
Min. Year:2014 Max. Year: 2018  
N: 36



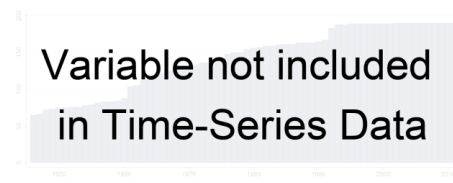
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.63.5 pei\_peii Perception of Electoral Integrity Index

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: 33

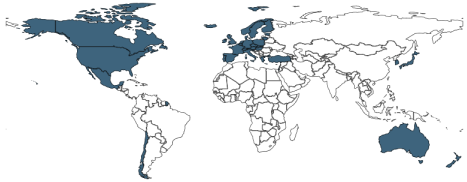


N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

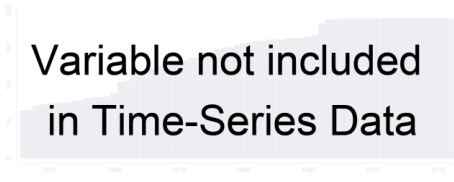
4.63.6    **pei\_peit Perception of Electoral Integrity Index Type**

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: 36



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

4.64    **Feenstra, Inklaar and Timmer**

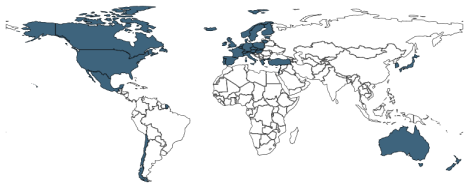
<http://www.rug.nl/ggdc/productivity/pwt/>  
(Feenstra et al., 2015)  
(Data downloaded: 2020-01-20)

**Penn World Table**

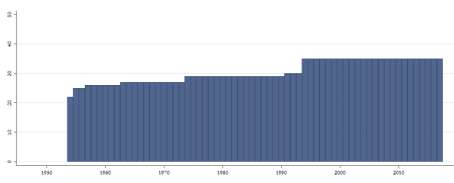
PWT version 9.1 is a database with information on relative levels of income, output, input and productivity, covering 182 countries between 1950 and 2017. In Penn World Table the users are offered two different series of data for China. "China Version 1" uses the official growth rates for the whole period. "China Version 2" uses the recent modifications of official Chinese growth rates. We have chosen to include China Version 1.

4.64.1    **pwt\_cs Capital services at constant 2011 national prices (2011=1)**

Capital services at constant 2011 national prices (2011= 1).



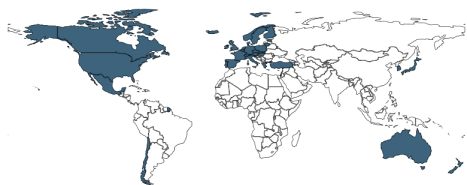
Min. Year:2016 Max. Year: 2016  
N: 36



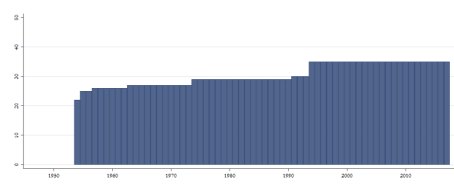
Min. Year:1954 Max. Year: 2017  
N: 36 n: 1972  $\bar{N}$ : 31  $\bar{T}$ : 55

4.64.2    **pwt\_csppp Capital services levels at current PPPs (USA=1)**

Capital services levels at current PPPs (USA = 1).



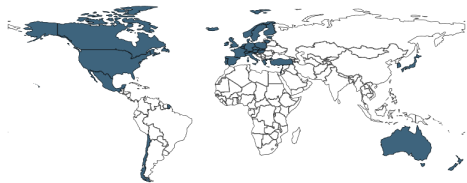
Min. Year:2016 Max. Year: 2016  
N: 36



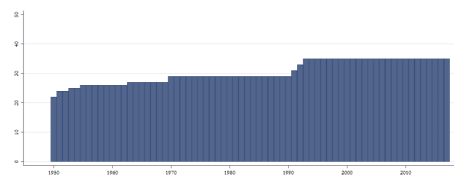
Min. Year:1954 Max. Year: 2017  
N: 36 n: 1972  $\bar{N}$ : 31  $\bar{T}$ : 55

#### 4.64.3 pwt\_gc Share of government consumption at current PPPs

Share of government consumption at current PPPs.



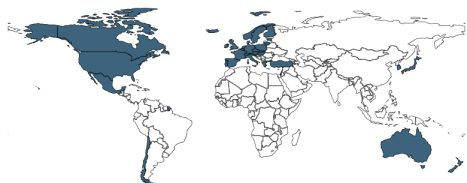
Min. Year:2016 Max. Year: 2016  
N: 36



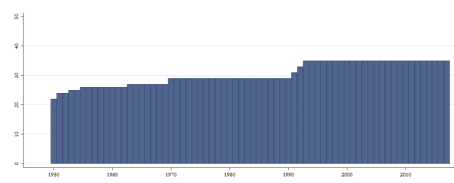
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.4 pwt\_hci Human capital index, see note hc

Human capital index, based on years of schooling (Barro & Lee, 2010) and assumed returns, based on Mincer equation estimates around the world.



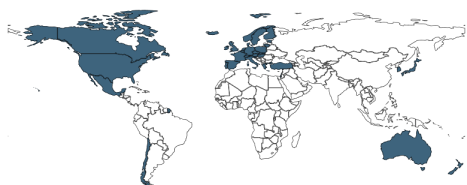
Min. Year:2016 Max. Year: 2016  
N: 36



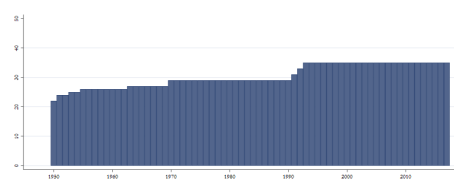
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.5 pwt\_me Share of merchandise exports at current PPPs

Share of merchandise exports at current PPPs.



Min. Year:2016 Max. Year: 2016  
N: 36

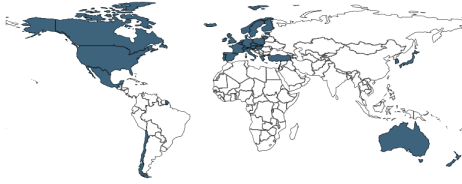


Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

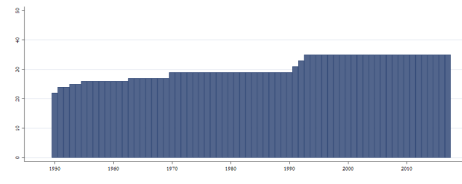
#### 4.64.6 pwt\_mi Share of merchandise imports at current PPPs

Share of merchandise imports at current PPPs.





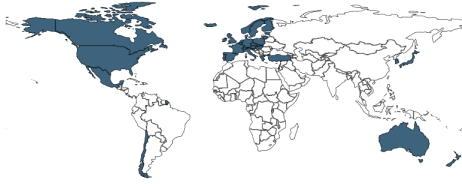
Min. Year:2016 Max. Year: 2016  
N: 36



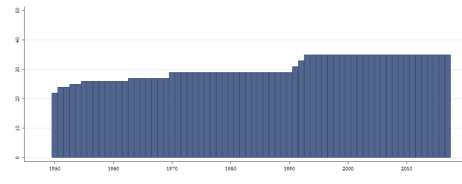
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.7 pwt\_plcf Price level of capital formation, price level of USA GDPo in 2011=1

Price level of capital formation, price level of USA GDPo in 2011=1



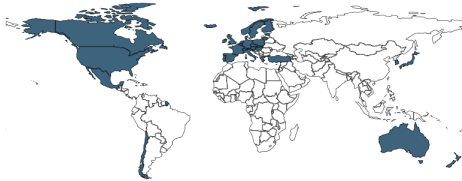
Min. Year:2016 Max. Year: 2016  
N: 36



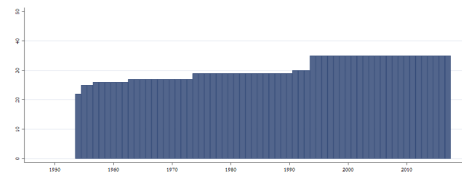
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.8 pwt\_plcs Price level of the capital services, price level of USA=1

Price level of the capital stock, price level of USA 2011 = 1.



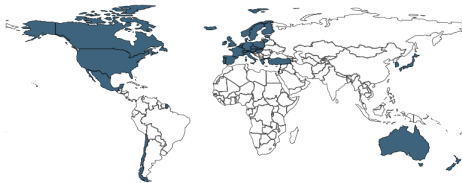
Min. Year:2016 Max. Year: 2016  
N: 36



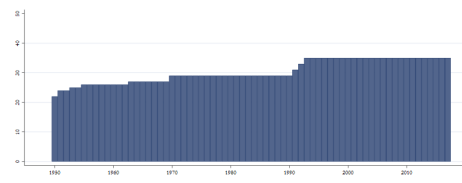
Min. Year:1954 Max. Year: 2017  
N: 36 n: 1972  $\bar{N}$ : 31  $\bar{T}$ : 55

#### 4.64.9 pwt\_ple Price level of exports, price level of USA GDPo in 2011=1

Price level of exports, price level of USA GDPo in 2011=1



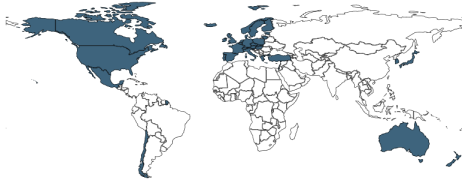
Min. Year:2016 Max. Year: 2016  
N: 36



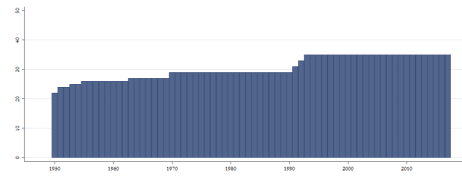
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.10 pwt\_plgc Price level of government consumption, price level of USA GDPo in 2011=1

Price level of government consumption, price level of USA GDPo in 2011=1



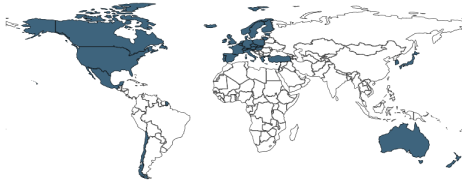
Min. Year:2016 Max. Year: 2016  
N: 36



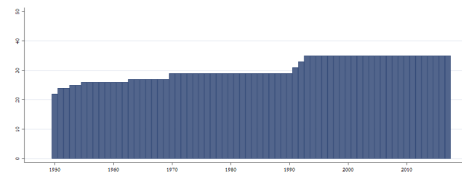
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.11 pwt\_plhc Price level of household consumption, price level of USA GDPo in 2011=1

Price level of household consumption, price level of USA GDPo in 2011=1



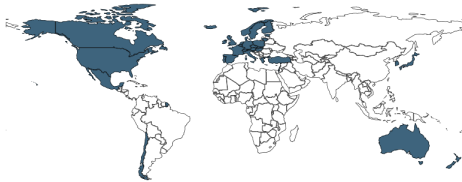
Min. Year:2016 Max. Year: 2016  
N: 36



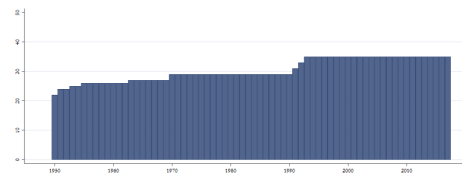
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.12 pwt\_pli Price level of imports, price level of USA GDPo in 2011=1

Price level of imports, price level of USA GDPo in 2011=1



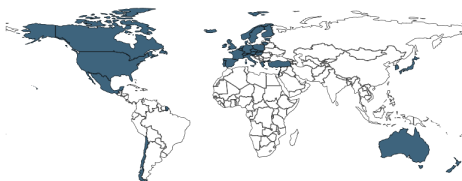
Min. Year:2016 Max. Year: 2016  
N: 36



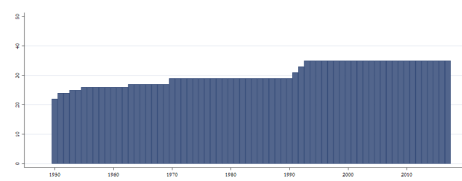
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.13 pwt\_pop Population (in millions)

Population (in millions).



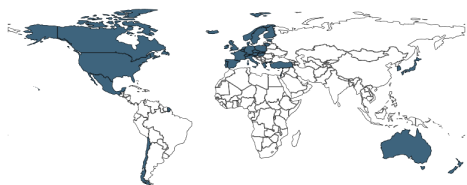
Min. Year:2016 Max. Year: 2016  
N: 36



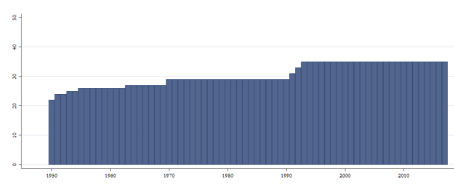
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.14 pwt\_rgdp Real GDP at constant 2011 national prices (in mil. 2011US dollar)

Real GDP at constant 2011 national prices (in mil. 2011 US dollar).



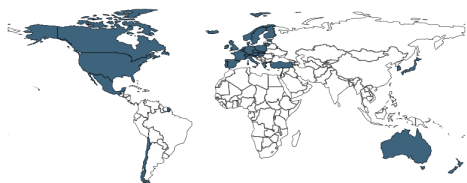
Min. Year:2016 Max. Year: 2016  
N: 36



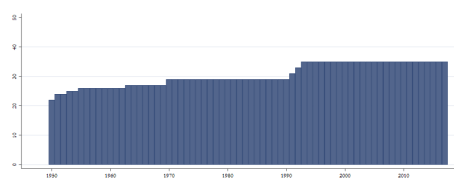
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.15 pwt\_rt Share of residual trade and GDP statistical discrepancy at current PPPs

Share of residual trade and GDP statistical discrepancy at current PPPs.



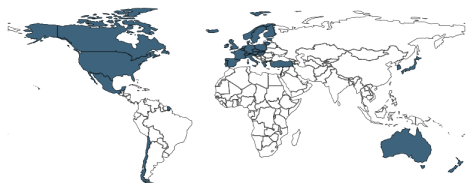
Min. Year:2016 Max. Year: 2016  
N: 36



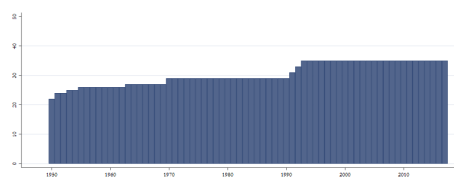
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.16 pwt\_sgcf Share of gross capital formation at current PPPs

Share of gross capital formation at current PPPs.



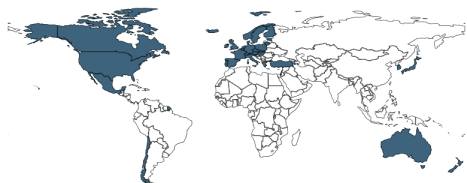
Min. Year:2016 Max. Year: 2016  
N: 36



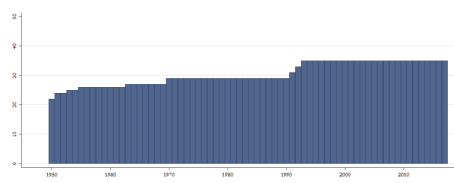
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.17 pwt\_shhc Share of household consumption at current PPPs

Share of household consumption at current PPPs.



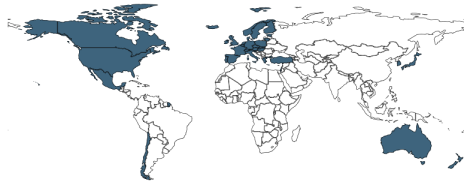
Min. Year:2016 Max. Year: 2016  
N: 36



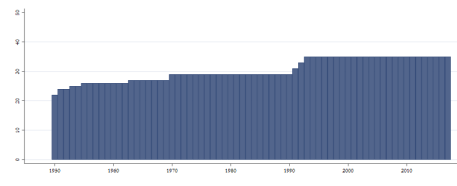
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.18 pwt\_slcgdp Share of labour compensation in GDP at current national prices

Share of labour compensation in GDP at current national prices.



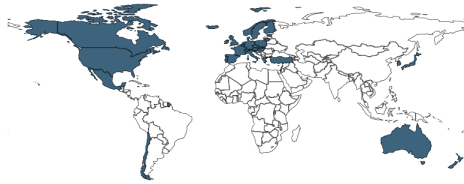
Min. Year:2016 Max. Year: 2016  
N: 36



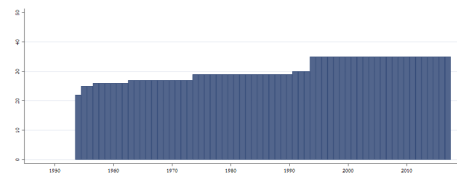
Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

#### 4.64.19 pwt\_tfp TFP at constant national prices (2011=1)

Total Factor Productivity (TFP) at constant national prices (2005=1).



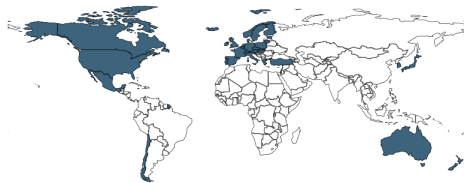
Min. Year:2016 Max. Year: 2016  
N: 36



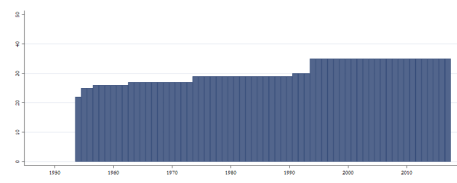
Min. Year:1954 Max. Year: 2017  
N: 36 n: 1972  $\bar{N}$ : 31  $\bar{T}$ : 55

#### 4.64.20 pwt\_tfpppp TFP level at current PPPs (USA=1)

Total Factor Productivity (TFP) level at current PPPs (USA=1).



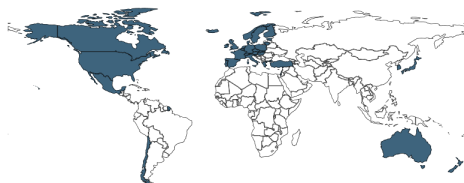
Min. Year:2016 Max. Year: 2016  
N: 36



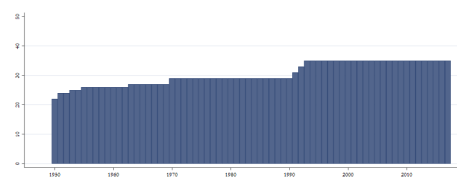
Min. Year:1954 Max. Year: 2017  
N: 36 n: 1972  $\bar{N}$ : 31  $\bar{T}$ : 55

#### 4.64.21 pwt\_xr Exchange rate, national currency/USD (market+estimated)

Exchange rate, national currency/USD (market+estimated).



Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1950 Max. Year: 2017  
N: 36 n: 2091  $\bar{N}$ : 31  $\bar{T}$ : 58

### 4.65 Dahlstrom, Teorell, Dahlberg, Hartmann, Lindberg and Nistotskaya

<http://www.qog.pol.gu.se/data/datadownloads/qogexpertsurveydata/>  
(Dahlstrom et al., 2015)  
(Data downloaded: 2019-07-01)

**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.

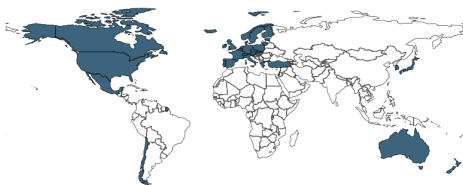
Included in the QoG dataset are three indexes, each based on a group of questions from the survey. When constructing the indexes authors excluded countries with less than three responding experts.

The confidence interval variables give the higher and lower limits of the 95% confidence interval.

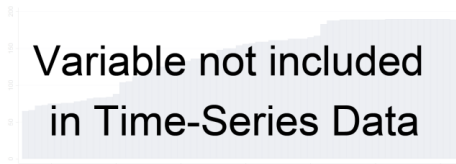
**4.65.1 qs\_impar Impartial Public Administration**

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).



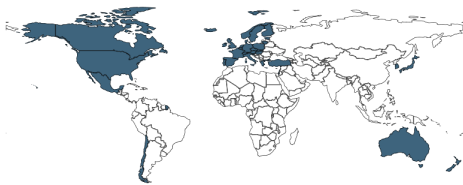
Min. Year:2014 Max. Year: 2014  
N: 35



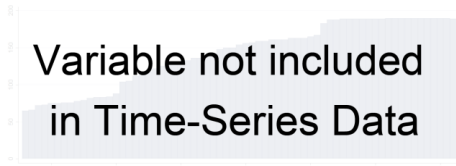
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

**4.65.2 qs\_impar\_cih Impartial Public Administration - Confidence Interval (High)**

Impartial Public Administration Confidence Interval (High).



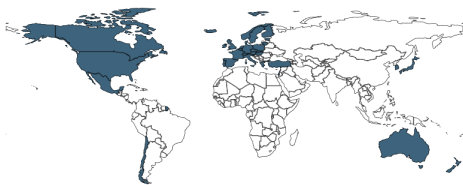
Min. Year:2014 Max. Year: 2014  
N: 35



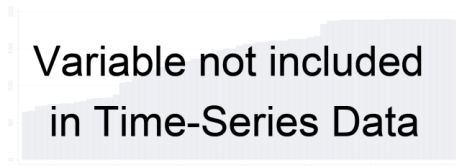
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

**4.65.3 qs\_impar\_cil Impartial Public Administration - Confidence Interval (Low)**

Impartial Public Administration Confidence Interval (Low).



Min. Year:2014 Max. Year: 2014  
N: 35

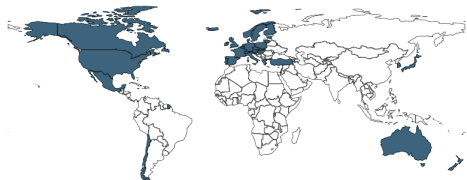


N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

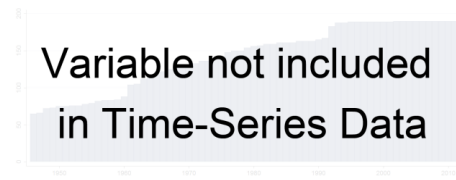
#### 4.65.4 qs\_proff Professional Public Administration

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).



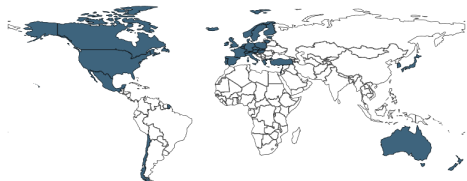
Min. Year: 2014 Max. Year: 2014  
N: 35



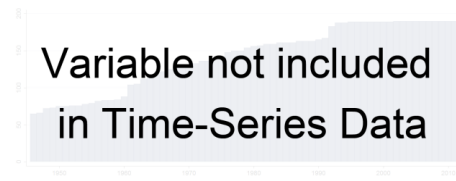
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.65.5 qs\_proff\_cih Professional Public Administration - Confidence Interval (High)

Professional Public Administration Confidence Interval (High).



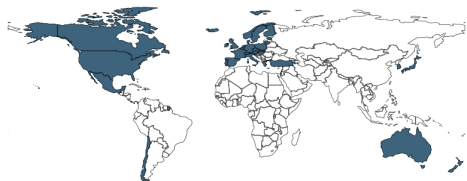
Min. Year: 2014 Max. Year: 2014  
N: 35



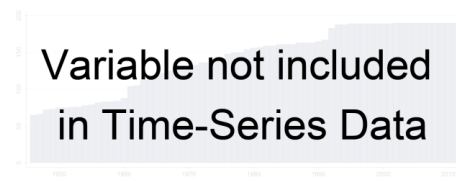
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.65.6 qs\_proff\_cil Professional Public Administration - Confidence Interval (Low)

Professional Public Administration Confidence Interval (Low).



Min. Year: 2014 Max. Year: 2014  
N: 35



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

### 4.66 Philip G. Roeder

<http://weber.ucsd.edu/~proeder/elf.htm>

(Roeder, 2001)

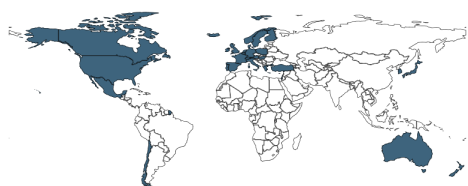
(Data downloaded: 2018-09-07)

#### Ethnolinguistic Fractionalization (ELF) Indices, 1961 and 1985

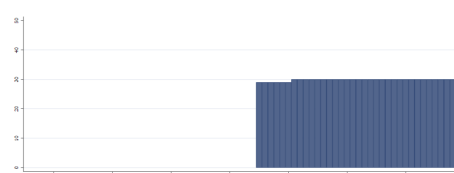
Indices are computed from population estimates of different sources. For details, please follow link above.

#### 4.66.1 r\_elf85 Ethnolinguistic fractionalization (1985)

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: 2016 Max. Year: 2016  
N: 30



Min. Year: 1985 Max. Year: 2019  
N: 30 n: 1044  $\bar{N}$ : 30  $\bar{T}$ : 35

### 4.67 Michael L Ross

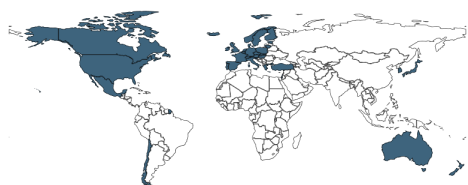
<https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/ZTPW0Y>  
(Ross & Mahdavi, 2015)  
(Data downloaded: 2019-07-05)

#### Oil and Gas Data, 1932-2014

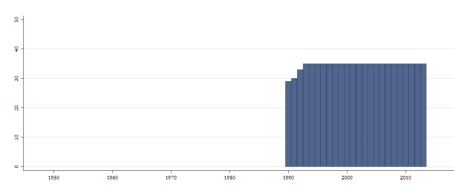
Global dataset of oil and natural gas production, prices, exports, and net exports. These data are based on the best available information about the volume and value of oil and natural gas production in all countries from 1932 to 2014. The volume figures are from the documents listed in the original 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.

#### 4.67.1 ross\_gas\_exp Gas exports, billion cubic feet per year

Gas exports, billion cubic feet per year.



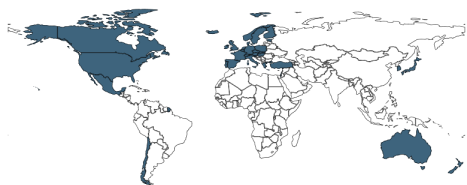
Min. Year: 2013 Max. Year: 2013  
N: 36



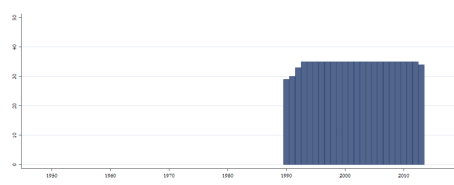
Min. Year: 1990 Max. Year: 2013  
N: 36 n: 849  $\bar{N}$ : 35  $\bar{T}$ : 24

#### 4.67.2 ross\_gas\_netexp Net gas exports value, constant 2000 dollar

Net gas exports value, constant 2000 dollar.



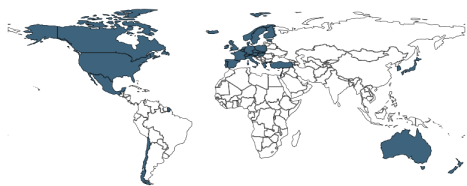
Min. Year:2013 Max. Year: 2013  
N: 34



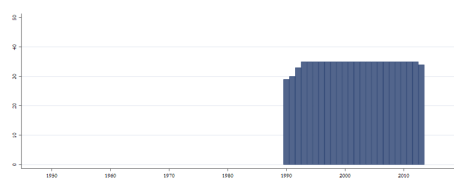
Min. Year:1990 Max. Year: 2013  
N: 36 n: 847  $\bar{N}$ : 35  $\bar{T}$ : 24

#### 4.67.3 ross\_gas\_netexpc Net gas exports value per capita, constant 2000 dollar

Net gas exports value per capita, constant.



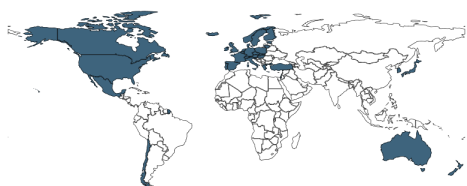
Min. Year:2013 Max. Year: 2013  
N: 34



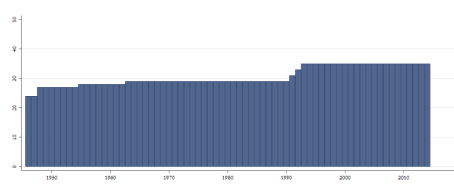
Min. Year:1990 Max. Year: 2013  
N: 36 n: 847  $\bar{N}$ : 35  $\bar{T}$ : 24

#### 4.67.4 ross\_gas\_price Constant price of gas in 2000 dollar/mboe

Constant price of gas in 2000 dollar/mboe.



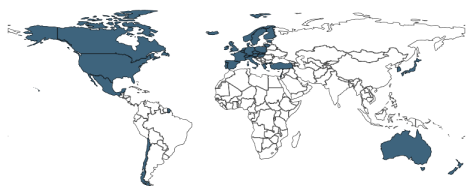
Min. Year:2014 Max. Year: 2014  
N: 36



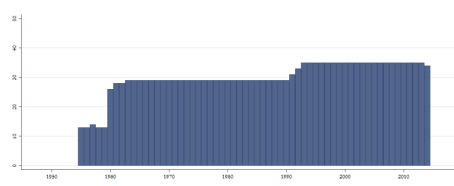
Min. Year:1946 Max. Year: 2014  
N: 36 n: 2130  $\bar{N}$ : 31  $\bar{T}$ : 59

#### 4.67.5 ross\_gas\_prod Gas production, million barrels oil equiv.

Gas production, million barrels oil equiv.



Min. Year:2013 Max. Year: 2014  
N: 36

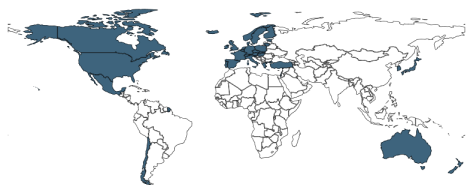


Min. Year:1955 Max. Year: 2014  
N: 36 n: 1815  $\bar{N}$ : 30  $\bar{T}$ : 50

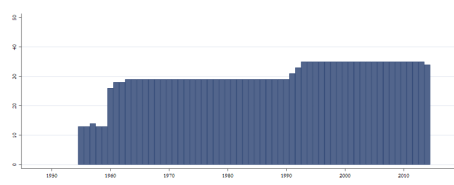
#### 4.67.6 ross\_gas\_value\_2000 Gas production value in 2000 dollars

Gas production value in 2000 dollars.





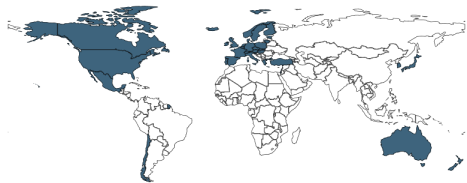
Min. Year:2013 Max. Year: 2014  
N: 36



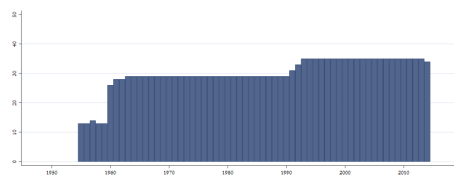
Min. Year:1955 Max. Year: 2014  
N: 36 n: 1815  $\bar{N}$ : 30  $\bar{T}$ : 50

#### 4.67.7 ross\_gas\_value\_2014 Gas production value in 2014 dollars

Gas production value in 2014 dollars.



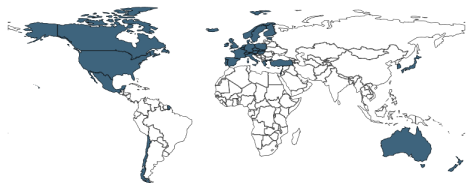
Min. Year:2013 Max. Year: 2014  
N: 36



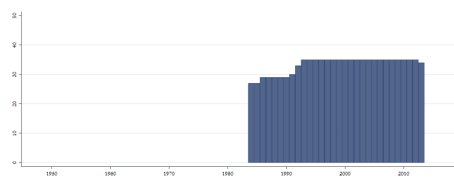
Min. Year:1955 Max. Year: 2014  
N: 36 n: 1815  $\bar{N}$ : 30  $\bar{T}$ : 50

#### 4.67.8 ross\_oil\_exp Oil exports, thousands of barrels per day

Oil exports, thousands of barrel per day.



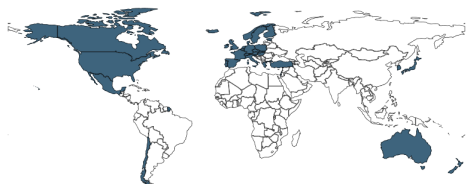
Min. Year:2013 Max. Year: 2013  
N: 34



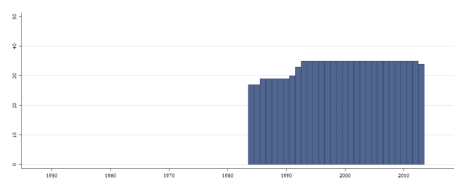
Min. Year:1984 Max. Year: 2013  
N: 36 n: 1017  $\bar{N}$ : 34  $\bar{T}$ : 28

#### 4.67.9 ross\_oil\_netexp Net oil exports value, constant 2000 dollar

Net oil exports value, constant 2000 dollar.



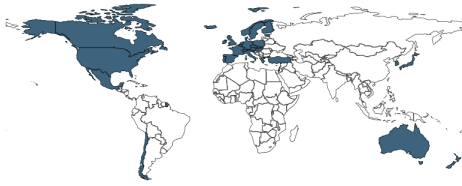
Min. Year:2013 Max. Year: 2013  
N: 34



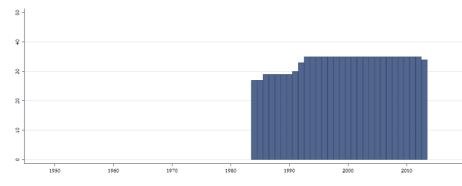
Min. Year:1984 Max. Year: 2013  
N: 36 n: 1017  $\bar{N}$ : 34  $\bar{T}$ : 28

#### 4.67.10 ross\_oil\_netexpc Net oil exports value per capita, constant 2000 dollar

Net oil exports value per capita, constant.



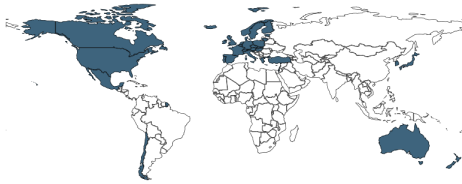
Min. Year:2013 Max. Year: 2013  
N: 34



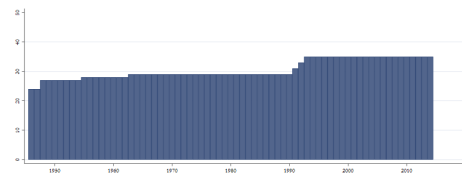
Min. Year:1984 Max. Year: 2013  
N: 36 n: 1017  $\bar{N}$ : 34  $\bar{T}$ : 28

#### 4.67.11 ross\_oil\_price Constant price of oil in 2000 dollar/brl

Constant price of oil in 2000 dollar/brl.



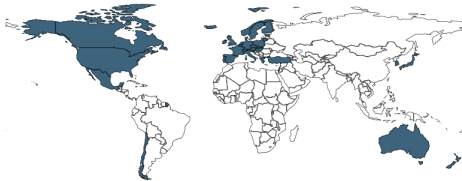
Min. Year:2014 Max. Year: 2014  
N: 36



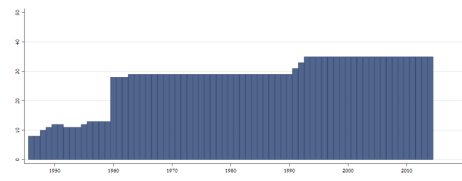
Min. Year:1946 Max. Year: 2014  
N: 36 n: 2130  $\bar{N}$ : 31  $\bar{T}$ : 59

#### 4.67.12 ross\_oil\_prod Oil production in metric tons

Oil production in metric tons.



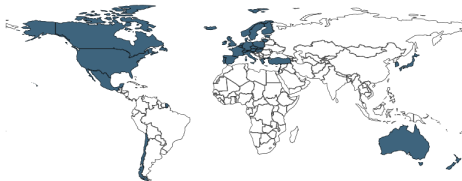
Min. Year:2013 Max. Year: 2014  
N: 36



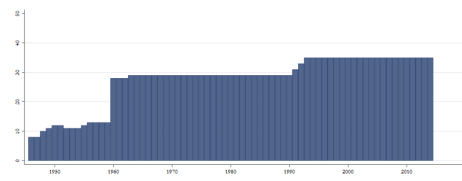
Min. Year:1946 Max. Year: 2014  
N: 36 n: 1911  $\bar{N}$ : 28  $\bar{T}$ : 53

#### 4.67.13 ross\_oil\_value\_2000 Oil production value in 2000 dollars

Oil production value in 2000 dollars.



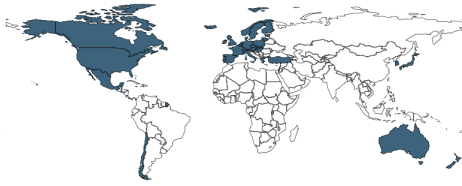
Min. Year:2013 Max. Year: 2014  
N: 36



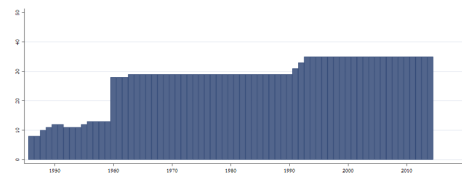
Min. Year:1946 Max. Year: 2014  
N: 36 n: 1911  $\bar{N}$ : 28  $\bar{T}$ : 53

#### 4.67.14 ross\_oil\_value\_2014 Oil production value in 2014 dollars

Oil production value in 2014 dollars.



Min. Year:2013 Max. Year: 2014  
N: 36



Min. Year:1946 Max. Year: 2014  
N: 36 n: 1911  $\bar{N}$ : 28  $\bar{T}$ : 53

## 4.68 Reporters Sans Frontières

<http://en.rsfs.org/>

(Reporters Without Borders, 2019)

(Data downloaded: 2019-07-05)

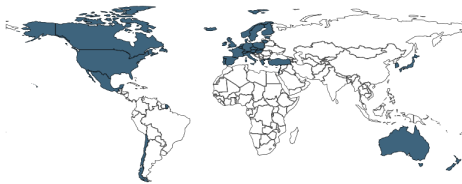
### World Press Freedom

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.

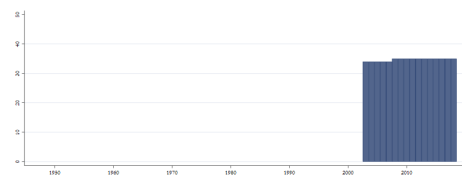
#### 4.68.1 rsf\_pfi Press Freedom Index

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:2013 Max. Year: 2016  
N: 36



Min. Year:2003 Max. Year: 2018  
N: 36 n: 571  $\bar{N}$ : 36  $\bar{T}$ : 16

## 4.69 Borcan, Olsson and Putterman

<https://sites.google.com/site/econolaols/extended-state-history-index>

(Borcan et al., 2018)

(Data downloaded: 2019-07-30)

### Extended State History Index

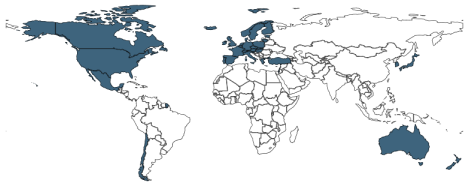
The data set extends and replaces previous versions of the State Antiquity Index (originally created by Bockstette, Chanda and Putterman, 2002). The updated data extends the previous Statehist data into the years before 1 CE, to the first states in Mesopotamia (in the fourth millennium BCE), along

with filling in the years 1951 - 2000 CE that were left out of past versions of the Statehist data.

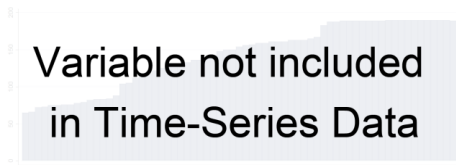
The construction of the index follows the principles developed by Bockstette et al (2002). First, the duration of state existence is established for each territory defined by modern-day country borders. Second, this duration is divided into 50-year periods. For each half-century from the first period (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?

**4.69.1 sai\_statehiste0 State History Index, with the discounting rates 0%**

State History Index. Discounted values of the overall country indicators with the discounting rates 0%.



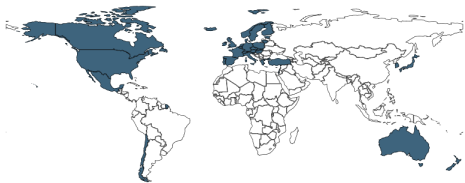
Min. Year:2018 Max. Year: 2018  
N: 35



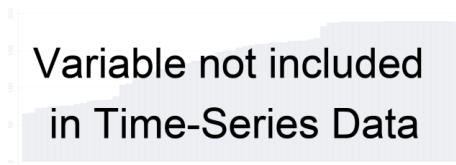
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.69.2 sai\_statehiste01 State History Index, with the discounting rates 1%**

State History Index. Discounted values of the overall country indicators with the discounting rates 1%.



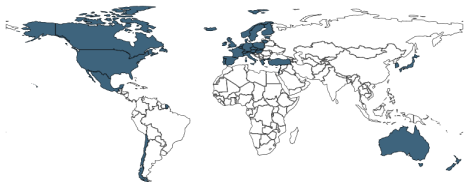
Min. Year:2018 Max. Year: 2018  
N: 35



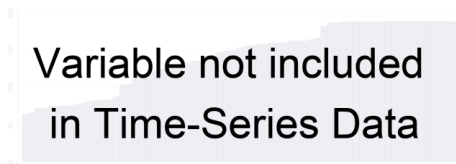
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.69.3 sai\_statehiste1 State History Index, with the discounting rates 10%**

State History Index. Discounted values of the overall country indicators with the discounting rates 10%.



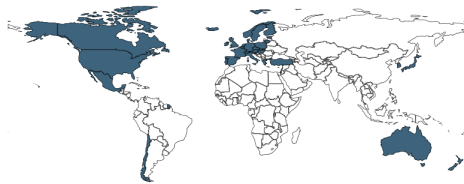
Min. Year:2018 Max. Year: 2018  
N: 35



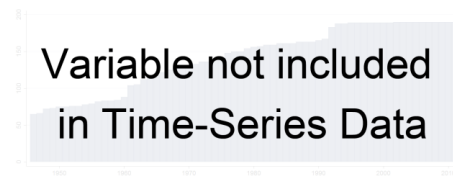
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.69.4 sai\_statehisten0 Normalized Values State History Index, with the discounting rates 0%**

Normalized Values State History Index, with the discounting rates 0%.



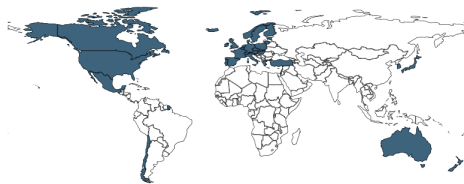
Min. Year: 2018 Max. Year: 2018  
N: 35



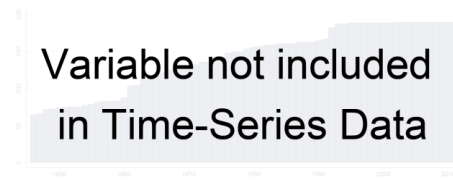
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.69.5 sai\_statehisten01 Normalized Values State History Index, with the discounting rates 1%

Normalized Values State History Index, with the discounting rates 1%.



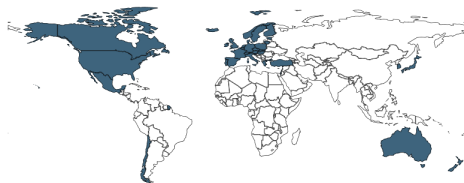
Min. Year: 2018 Max. Year: 2018  
N: 35



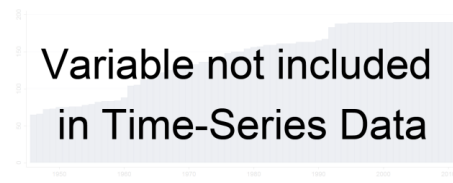
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.69.6 sai\_statehisten1 Normalized Values State History Index, with the discounting rates 10%

Normalized Values State History Index, with the discounting rates 10%.



Min. Year: 2018 Max. Year: 2018  
N: 35



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

### 4.70 Lyle Scruggs

<http://cwed2.org/download.php>

(Scruggs et al., 2017)

(Data downloaded: 2019-07-01)

#### The Comparative Welfare Entitlements Dataset

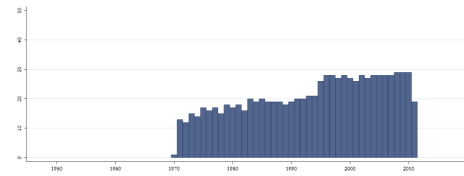
This data set collection provides systematic data on institutional features of social insurance programs in eighteen countries spanning much of the post-war period. Its purpose is to provide an essential complement to program spending data that is available from international sources like the OECD's Social Expenditure Database.

##### 4.70.1 sc\_mp Min Pension replacement rate (single)

Minimum pension replacement rate: Single (100%)

## Variable not included in Cross-Section Data

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



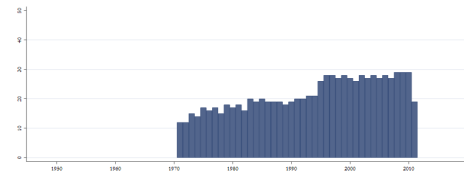
Min. Year:1970 Max. Year: 2011  
N: 30 n: 903  $\bar{N}$ : 22  $\bar{T}$ : 30

### 4.70.2 sc\_mpc Min Pension replacement rate (couple)

Minimum pension replacement rate: Family (100%/0%)

## Variable not included in Cross-Section Data

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



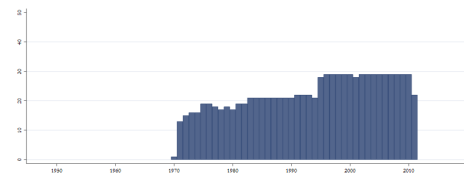
Min. Year:1971 Max. Year: 2011  
N: 30 n: 899  $\bar{N}$ : 22  $\bar{T}$ : 30

### 4.70.3 sc\_sick Sickness replacement rate (single)

Sickness insurance. Replacement rate: Single (100%)

## Variable not included in Cross-Section Data

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



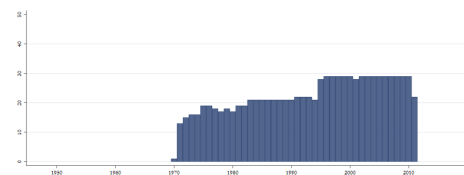
Min. Year:1970 Max. Year: 2011  
N: 30 n: 962  $\bar{N}$ : 23  $\bar{T}$ : 32

### 4.70.4 sc\_sickf Sickness replacement rate (family)

Sickness insurance. Replacement rate: Family (100%/0%)

## Variable not included in Cross-Section Data

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



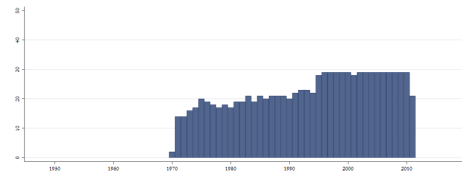
Min. Year:1970 Max. Year: 2011  
N: 30 n: 962  $\bar{N}$ : 23  $\bar{T}$ : 32

### 4.70.5 sc\_ue Unemployment replacement rate (single)

Unemployment insurance. Replacement rate: Single (100%)

## Variable not included in Cross-Section Data

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



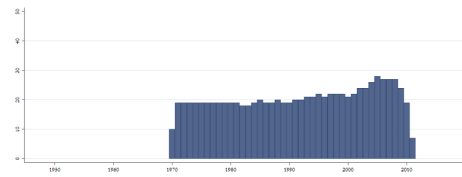
Min. Year: 1970 Max. Year: 2011  
N: 30 n: 963  $\bar{N}$ : 23  $\bar{T}$ : 32

### 4.70.6 sc\_uecov Unemployment coverage

Coverage: Percentage of the labor force insured for unemployment risk. A Methodological Genealogy, CWED Working Paper 01, available on the CWED website. The methodology and scaling differs in important ways from the original generosity index in the previous CWED project.

## Variable not included in Cross-Section Data

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



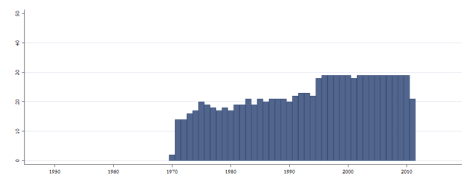
Min. Year: 1970 Max. Year: 2011  
N: 30 n: 867  $\bar{N}$ : 21  $\bar{T}$ : 29

### 4.70.7 sc\_uef Unemployment replacement rate (family)

Unemployment insurance. Replacement rate: Family (100%/0%)

## Variable not included in Cross-Section Data

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



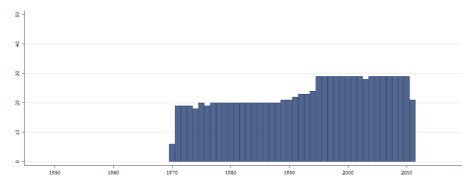
Min. Year: 1970 Max. Year: 2011  
N: 30 n: 963  $\bar{N}$ : 23  $\bar{T}$ : 32

### 4.70.8 sc\_uequal Unemployment qualification (weeks)

Unemployment insurance. Qualification period: Weeks of insurance needed to qualify for benefit.

## Variable not included in Cross-Section Data

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



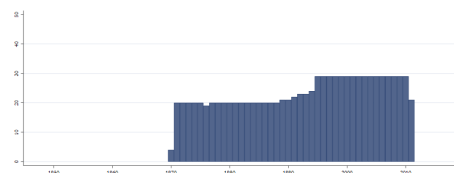
Min. Year: 1970 Max. Year: 2011  
N: 30 n: 994  $\bar{N}$ : 24  $\bar{T}$ : 33

### 4.70.9 sc\_uewait Unemployment Waiting Period (days)

Waiting days: Days one must wait to start receiving benefit after becoming unemployed.

## Variable not included in Cross-Section Data

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



Min. Year: 1970 Max. Year: 2011  
N: 30 n: 998  $\bar{N}$ : 24  $\bar{T}$ : 33

### 4.71 Bertelsmann Stiftung

<https://www.sgi-network.org/2019/>

(Schiller et al., 2019)

(Data downloaded: 2019-11-05)

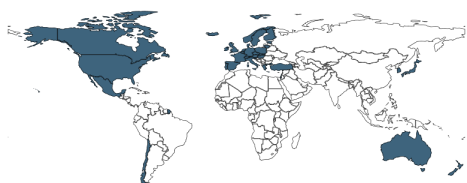
#### Sustainable Governance Indicators

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

##### 4.71.1 sgi\_ec Policy Performance: Economic Policies - Overall

Policy Performance: Economic Policies (Economy, Labor Market, Taxes, Budgets, Research and Innovation, Global Financial System)



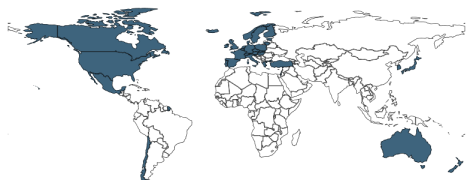
Min. Year: 2016 Max. Year: 2016  
N: 36

## 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

##### 4.71.2 sgi\_ecbg Policy Performance: Economic Policies - Budgets

Policy Performance: Economic Policies - Budgets (Budgetary Policy, Debt to GDP, Primary Balance, Debt Interest Ratio, Budget Consolidation)



Min. Year: 2016 Max. Year: 2016  
N: 36

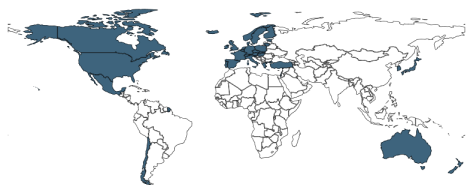
## Variable not included in Time-Series Data

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

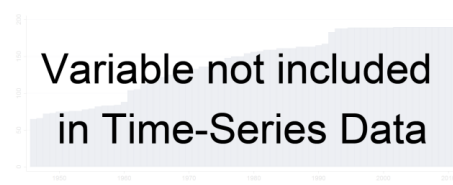
##### 4.71.3 sgi\_ecec Policy Performance: Economic Policies - Economy

Policy Performance: Economic Policies - Economy (Economic Policy, GDP per Capita, Inflation, Gross Fixed Capital Formation, Real Interest Rate, Potential Output Growth Rate)





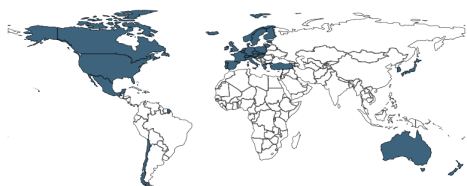
Min. Year: 2016 Max. Year: 2016  
N: 36



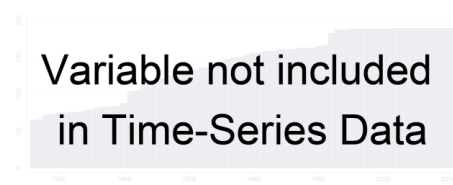
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.4 sgi\_ecgf Policy Performance: Economic Policies - Global Financial System

Policy Performance: Economic Policies - Global Financial System (Stabilizing Global Financial System, Tier 1 Capital Ratio, Banks' Nonperforming Loans)



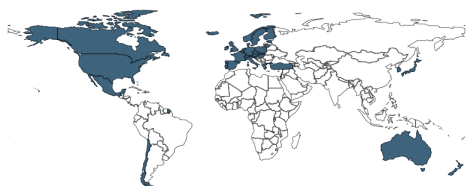
Min. Year: 2016 Max. Year: 2016  
N: 36



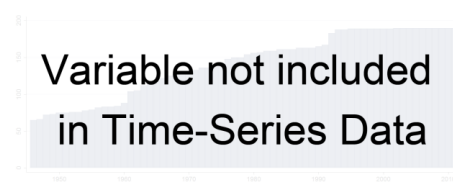
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.5 sgi\_eclm Policy Performance: Economic Policies - Labor Markets

Policy Performance: Economic Policies - Labor Market (Labor Market Policy, Unemployment, Long-term Unemployment, Youth Unemployment, Low-skilled Unemployment, Employment, Low Pay Incidence)



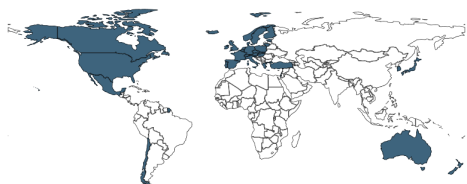
Min. Year: 2016 Max. Year: 2016  
N: 36



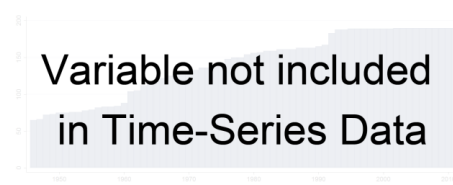
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.6 sgi\_ecri Policy Performance: Economic Policies - Research, Innovation and Infrastructure

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)



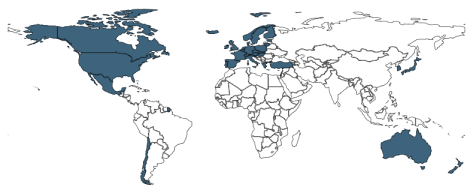
Min. Year: 2016 Max. Year: 2016  
N: 36



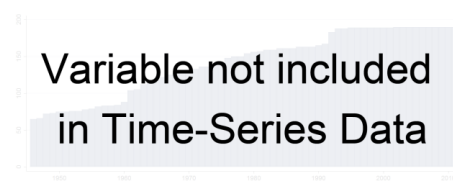
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.7 sgi\_ectx Policy Performance: Economic Policies - Taxes

Policy Performance: Economic Policies - Taxes (Tax Policy, Tax System Complexity, Structural Balance, Marginal Tax Burden for Businesses, Redistribution Effect)



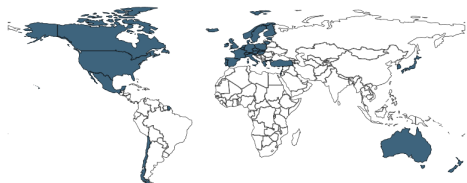
Min. Year: 2016 Max. Year: 2016  
N: 36



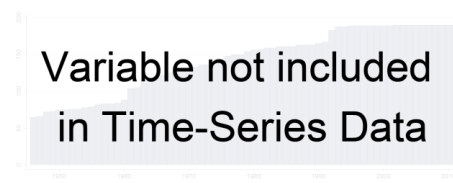
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.71.8 sgi\_en Policy Performance: Environmental Policies - Overall

Policy Performance: Environmental Policies (Environment, Global Environmental Protection)



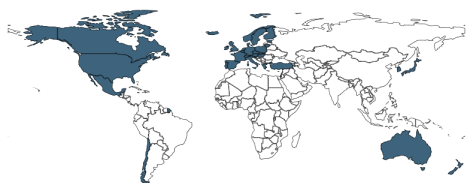
Min. Year: 2016 Max. Year: 2016  
N: 36



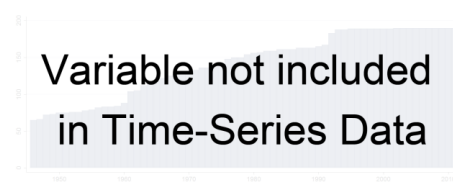
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.71.9 sgi\_enen Policy Performance: Environmental Policies - Environment

Policy Performance: Environmental Policies - Environment (Environmental Policy, Energy Productivity, Greenhouse Gas Emissions, Particulate Matter, Water Usage, Waste Generation, Material Recycling, Biodiversity, Renewable Energy)



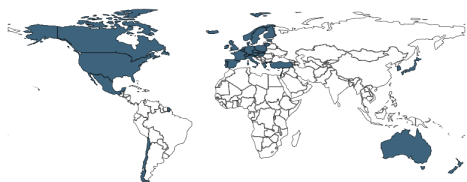
Min. Year: 2016 Max. Year: 2016  
N: 36



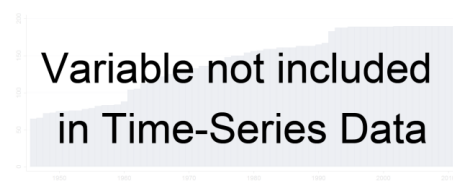
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.71.10 sgi\_enge Policy Performance: Environmental Policies - Global Environmental Protection

Policy Performance: Environmental Policies - Global Environmental Protection (Global Environmental Policy, Multilateral Environmental Agreements, Kyoto Participation and Achievements)



Min. Year: 2016 Max. Year: 2016  
N: 36



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

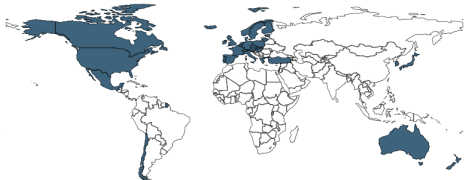
#### 4.71.11 sgi\_go Governance

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.

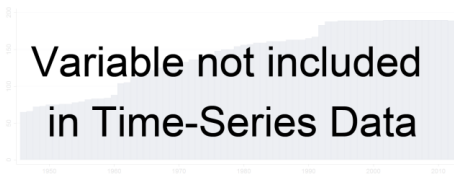
The Governance index examines how effective governments are in directing and implementing policies appropriate to these three goals. As a measuring tool grounded in practical evidence, the Governance index draws on 37 qualitative indicators posed in an expert survey that measure a country's institutional 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.



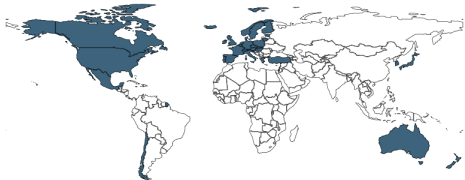
Min. Year: 2016 Max. Year: 2016  
N: 36



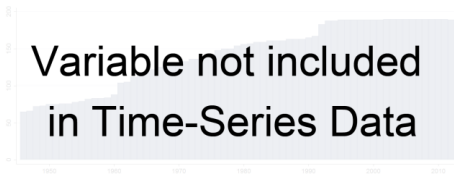
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.12 sgi\_goea Governance: Executive Accountability

Governance: Executive Accountability (Citizens, Legislature, Intermediary Organizations)



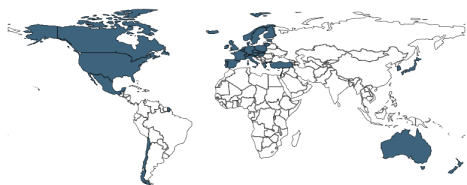
Min. Year: 2016 Max. Year: 2016  
N: 36



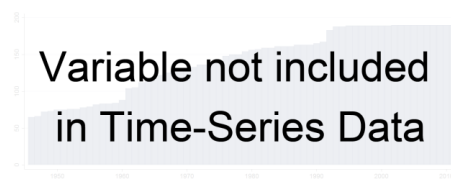
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.13 sgi\_goec Governance: Executive Capacity

Governance: Executive Capacity (Steering Capability, Policy Implementation, Institutional Learning)



Min. Year: 2016 Max. Year: 2016  
N: 36

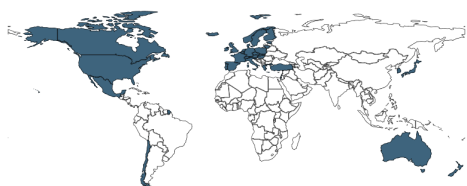


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

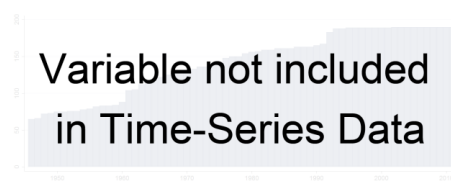
#### 4.71.14 **sgi\_pp** Policy Performance

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: 2016 Max. Year: 2016  
N: 36

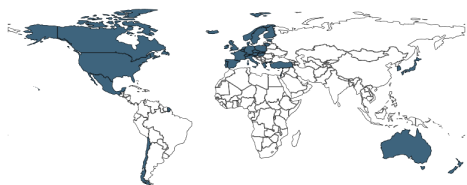


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

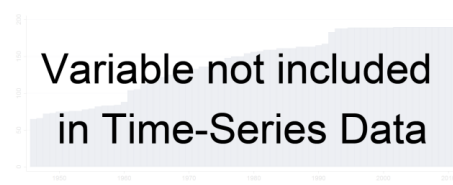
#### 4.71.15 **sgi\_qd** Quality of Democracy

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



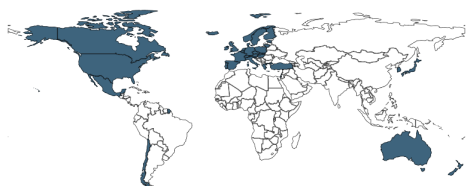
Min. Year: 2016 Max. Year: 2016  
N: 36



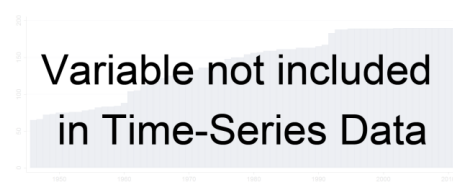
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.16 sgi\_qdai Quality of Democracy: Access to Information

Quality of Democracy: Access to Information (Media Freedom, Media Pluralism, Access to Government Information)



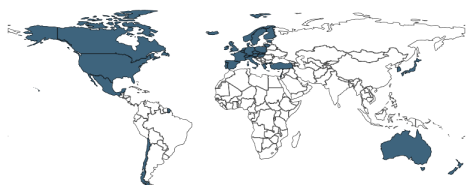
Min. Year: 2016 Max. Year: 2016  
N: 36



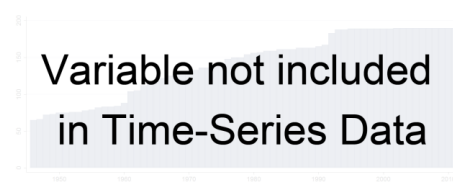
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.17 sgi\_qdcr Quality of Democracy: Civil Rights and Political Liberties

Quality of Democracy: Civil Rights and Political Liberties (Civil Rights, Political Liberties, Non-discrimination)



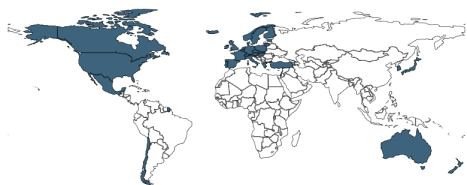
Min. Year: 2016 Max. Year: 2016  
N: 36



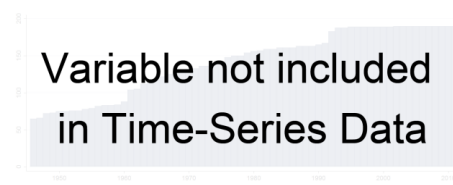
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.18 sgi\_qdep Quality of Democracy: Electoral Process

Quality of Democracy: Electoral Process (Candidacy Procedures, Media Access, Voting and Registration Rights, Party Financing, Popular Decision-making)



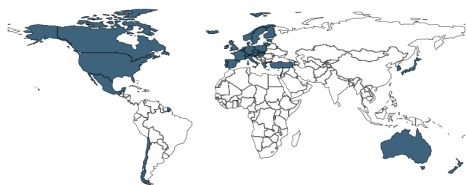
Min. Year: 2016 Max. Year: 2016  
N: 36



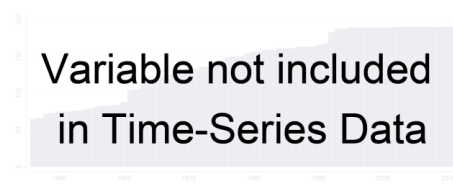
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.19 sgi\_qdrl Quality of Democracy: Rule of Law

Quality of Democracy: Rule of Law (Legal Certainty, Judicial Review, Appointment of Justices, Corruption Prevention)



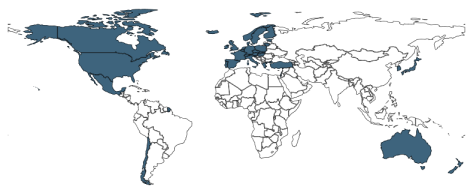
Min. Year: 2016 Max. Year: 2016  
N: 36



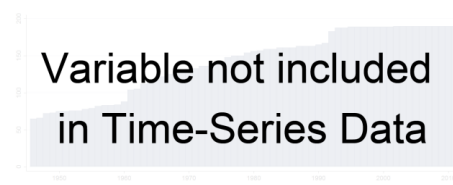
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.20 **sgi\_qdrlc** Quality of Democracy: Rule of Law - Corruption Prevention

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.



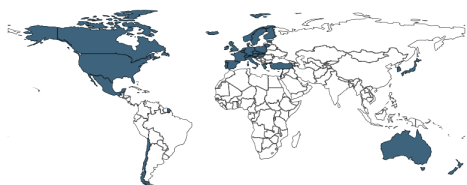
Min. Year: 2016 Max. Year: 2016  
N: 36



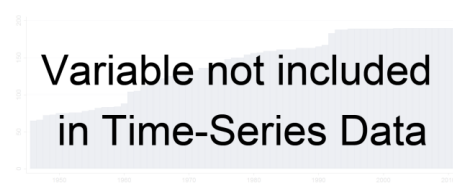
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.21 **sgi\_so** Policy Performance: Social Policies - Overall

Policy Performance: Social Policies (Education, Social Inclusion, Health, Families, Pensions, Integration, Safe Living, Global Inequalities)



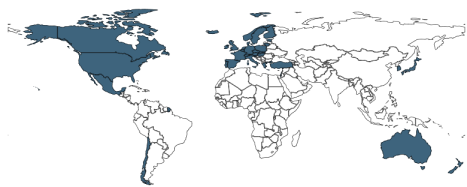
Min. Year: 2016 Max. Year: 2016  
N: 36



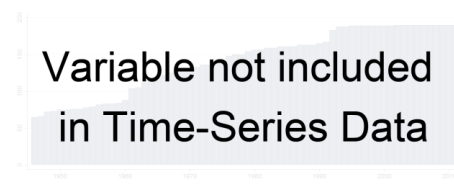
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.22 **sgi\_soed** Policy Performance: Social Policies - Education

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)



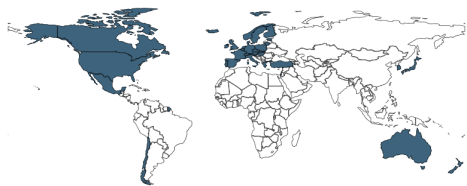
Min. Year: 2016 Max. Year: 2016  
N: 36



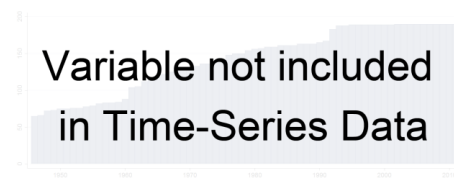
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.23 sgi\_sofa Policy Performance: Social Policies - Families

Policy Performance: Social Policies - Families (Family Policy, Child Care Density Age 0-2, Child Care Density Age 3-5, Fertility Rate, Child Poverty Rate)



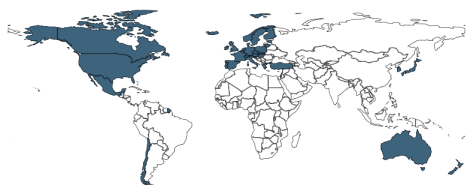
Min. Year: 2016 Max. Year: 2016  
N: 36



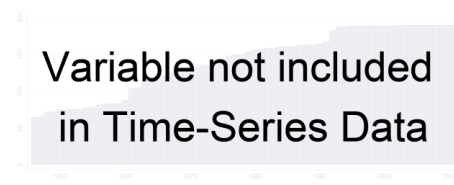
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.24 sgi\_sogi Policy Performance: Social Policies - Global Social Inequalities

Policy Performance: Social Policies - Global Inequalities (Global Social Policy, Official Development Assistance (ODA))



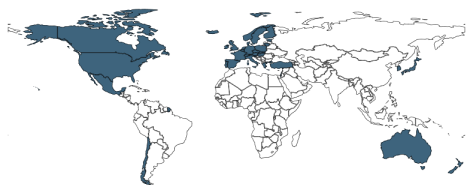
Min. Year: 2016 Max. Year: 2016  
N: 36



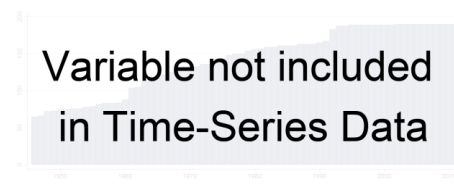
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.71.25 sgi\_sohe Policy Performance: Social Policies - Health

Policy Performance: Social Policies - Health (Health Policy, Spending on Health Programs, Life Expectancy, Infant Mortality, Perceived Health Status)



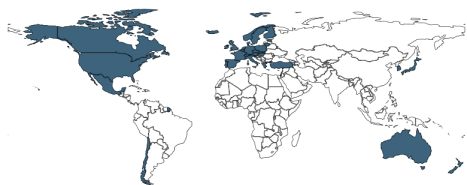
Min. Year: 2016 Max. Year: 2016  
N: 36



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

#### 4.71.26 sgi\_soin Policy Performance: Social Policies - Integration Policy

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)



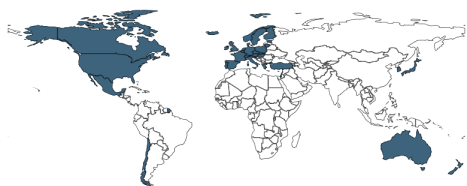
Min. Year: 2016 Max. Year: 2016  
N: 36

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

#### 4.71.27 sgi\_sope Policy Performance: Social Policies - Pensions

Policy Performance: Social Policies - Pensions (Pension Policy, Older Employment, Old Age Dependency Ratio, Senior Citizen Poverty)



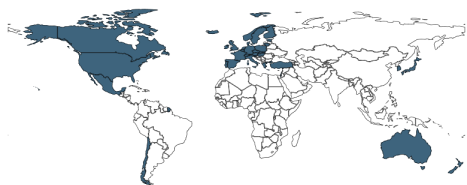
Min. Year: 2016 Max. Year: 2016  
N: 36

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

#### 4.71.28 sgi\_sosi Policy Performance: Social Policies - Social Inclusion

Policy Performance: Social Policies - Social Inclusion (Social Inclusion Policy, Poverty Rate, NEET Rate, Gini Coefficient, Gender Equality in Parliaments, Life Satisfaction)



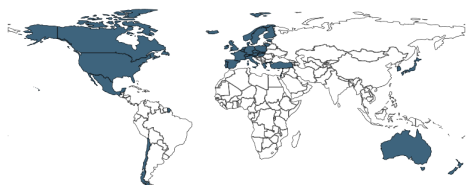
Min. Year: 2016 Max. Year: 2016  
N: 36

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

#### 4.71.29 sgi\_sosl Policy Performance: Social Policies - Safe Living Conditions

Policy Performance: Social Policies - Safe Living (Internal Security Policy, Homicides, Thefts, Confidence in Police)



Min. Year: 2016 Max. Year: 2016  
N: 36

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

### 4.72 Ceyhun and Oguz

[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)



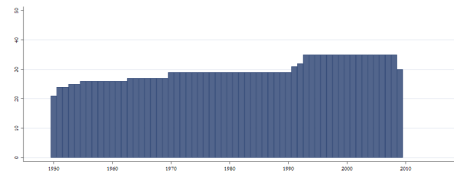
## Shadow Economies: Model Based estimates (2012)

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.

### 4.72.1 shec\_se Level of the shadow economy

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: 36 n: 1794  $\bar{N}$ : 30  $\bar{T}$ : 50

## 4.73 The Political Terror Scale (PTS) project

<http://www.politicalterrorscale.org/Data/Documentation-SVS.html>

(Gibney et al., 2018)

(Data downloaded: 2019-07-02)

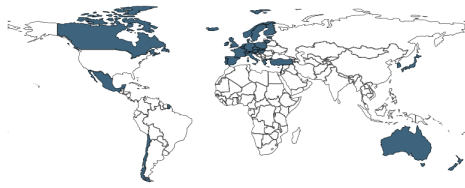
### The Societal Violence Scale

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.

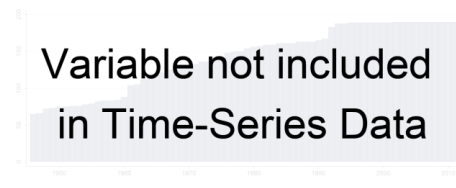
### 4.73.1 svsv\_ind Societal Violence Scale Index 1-5

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: 2013 Max. Year: 2015  
N: 35



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

## 4.74 Transparency International

<https://www.transparency.org/cpi2019>  
(Transparency International, 2020)  
(Data downloaded: 2020-01-23)

### 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.

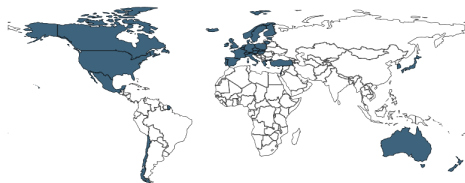
Note: In 2012 TI changed methodology for which the data is no comparable and only data from 2012 can be compared.

Also, the observation "Belgium/Luxembourg" from the 1995 data has been dropped.

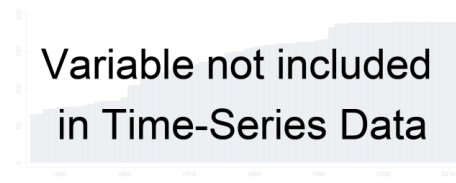
The Corruption Perception Index (2018) by Transparency International is licensed under CC-BY-ND 4.0

#### 4.74.1 ti\_cpi Corruption Perceptions Index

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.



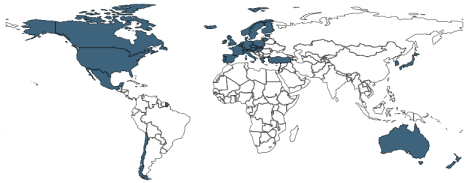
Min. Year: 2016 Max. Year: 2017  
N: 36



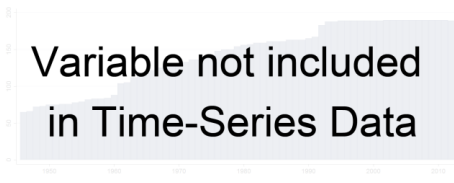
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.74.2 ti\_cpi\_max Corruption Perceptions Index - max range**

Corruption Perceptions Index - Max Range. Highest possible value of the CPI for a country according to the 95% confidence interval.



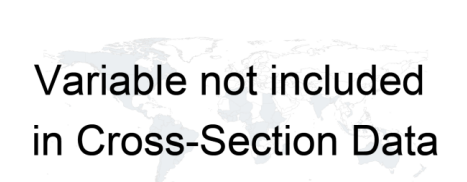
Min. Year:2016 Max. Year: 2017  
N: 36



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

**4.74.3 ti\_cpi\_max\_om Corruption Perceptions Index - max range (old method.)**

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

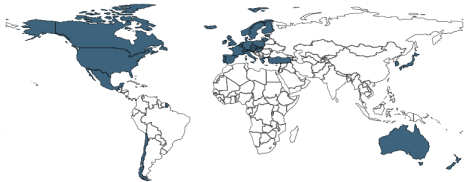
N: N/A Min. Year: N/A Max. Year: N/A



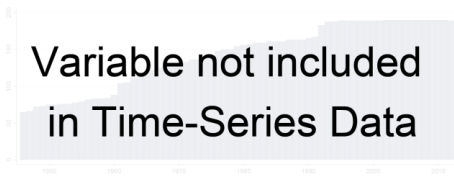
Min. Year:2000 Max. Year: 2011  
N: 36 n: 431  $\bar{N}$ : 36  $\bar{T}$ : 12

**4.74.4 ti\_cpi\_min Corruption Perceptions Index - min range**

Corruption Perceptions Index - Min Range. Lowest possible value of the CPI for a country according to the 95% confidence interval.



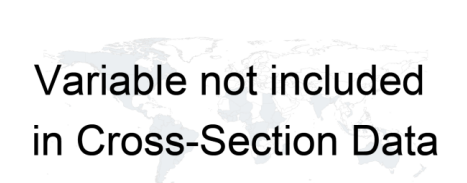
Min. Year:2016 Max. Year: 2017  
N: 36



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

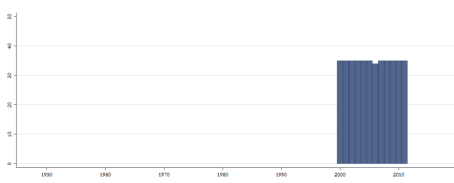
**4.74.5 ti\_cpi\_min\_om Corruption Perceptions Index - min range (old method.)**

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



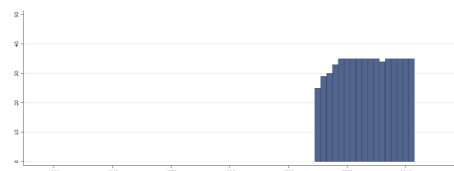
Min. Year:2000 Max. Year: 2011  
N: 36 n: 431  $\bar{N}$ : 36  $\bar{T}$ : 12

**4.74.6 ti\_cpi\_om Corruption Perceptions Index (old methodology)**

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: 36 n: 585  $\bar{N}$ : 34  $\bar{T}$ : 16

### 4.75 Alvaredo, Atkinson, Piketty and Saez

<http://wid.world/data/>

(Alvaredo et al., 2018b) (Alvaredo et al., 2018a)

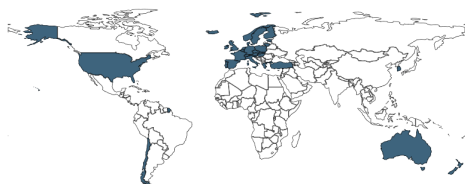
(Data downloaded: 2018-11-27)

#### The World Top Incomes Database

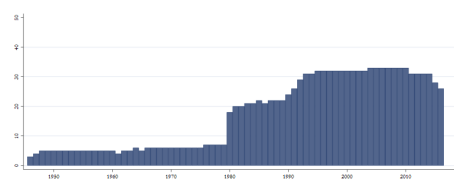
Built to accompany the publishing of the two books *Top Incomes: a Global Perspective* (2010, Oxford University Press) and *Top Incomes over the XX Century* (2007, Oxford University Press), the World Top Incomes Database offers the most comprehensive set of historical series on income inequality available 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).

#### 4.75.1 top\_top10\_income\_share Top 10% income share

Top 10% income share. 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 tax unit defined by national fiscal administrations to measure personal income taxes.



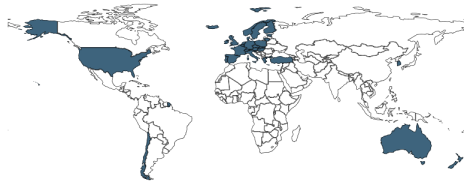
Min. Year:2013 Max. Year: 2016  
N: 32



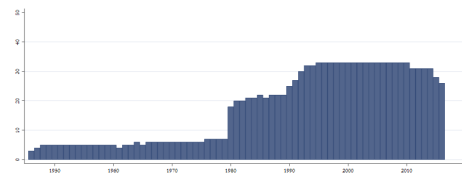
Min. Year:1946 Max. Year: 2016  
N: 34 n: 1257  $\bar{N}$ : 18  $\bar{T}$ : 37

#### 4.75.2 top\_top1\_income\_share Top 1% income share

Top 1% income share. 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:2013 Max. Year: 2016  
N: 32



Min. Year:1946 Max. Year: 2016  
N: 34 n: 1271  $\bar{N}$ : 18  $\bar{T}$ : 37

## 4.76 UCDP/PRIO

<http://ucdp.uu.se/downloads/>

(Pettersson et al., 2019) (Harbom et al., 2008) (Pettersson, 2019)

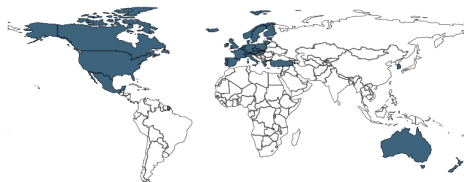
(Data downloaded: 2019-11-06)

### UCDP Dyadic Dataset version 19.1

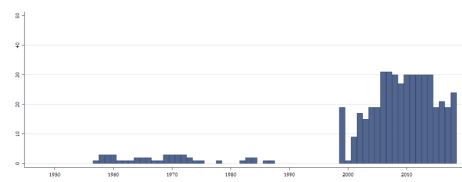
The UCDP Dyadic Dataset is a project within the Uppsala Conflict Data Program (UCDP) at the Department of Peace and Conflict Research, Uppsala University. The UCDP Dyadic dataset builds on the UCDP/PRIO Armed Conflict dataset, but goes beyond the conflict level and focuses on dyads within each conflict. As such, it constitutes a disaggregated version of the UCDP/PRIO Armed Conflict dataset.

#### 4.76.1 ucdp\_type4 Internationalized internal armed conflict

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:2013 Max. Year: 2018  
N: 33



Min. Year:1957 Max. Year: 2018  
N: 35 n: 510  $\bar{N}$ : 8  $\bar{T}$ : 15

## 4.77 Pemstein, Meserve and Melton

<http://www.unified-democracy-scores.org/uds.html>

(Pemstein et al., 2010)

(Data downloaded: 2019-07-31)

### Unified Democracy Scores

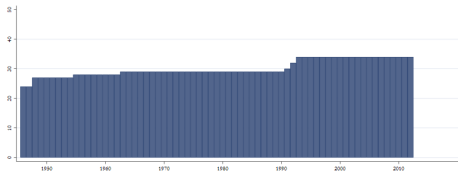
The Unified Democracy Scores (UDS) now covers the time period 1946-2012. These new scores incorporate recent updates to three of the ten original measures - Freedom House (2014), Polity IV (Marshall et al. 2012), and VanHanen (2012) - that feature in the analysis that the authors report in their 2010 article. In addition, the current release adds a recently developed measure of democracy - Economist Intelligence Unit (2012) - to its framework.

4.77.1 uds\_mean Unified Demo. Score Posterior (Mean)

Unified Democracy Score Posterior (Mean).

Variable not included  
in Cross-Section Data

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



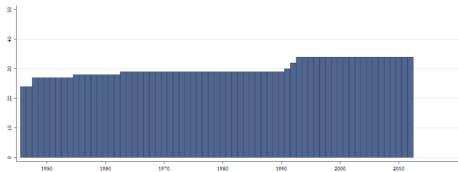
Min. Year:1946 Max. Year: 2012  
N: 35 n: 2036  $\bar{N}$ : 30  $\bar{T}$ : 58

4.77.2 uds\_median Unified Demo. Score Posterior (Median)

Unified Democracy Score Posterior (Median).

Variable not included  
in Cross-Section Data

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



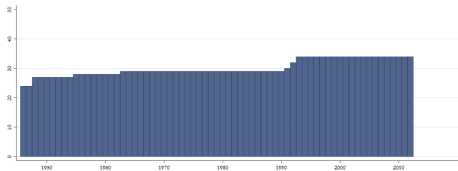
Min. Year:1946 Max. Year: 2012  
N: 35 n: 2036  $\bar{N}$ : 30  $\bar{T}$ : 58

4.77.3 uds\_pct025 Unified Demo. Score Posterior (2.5 percentile)

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



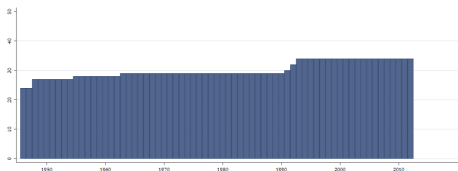
Min. Year:1946 Max. Year: 2012  
N: 35 n: 2036  $\bar{N}$ : 30  $\bar{T}$ : 58

4.77.4 uds\_pct975 Unified Demo. Score Posterior (97.5 percentile)

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

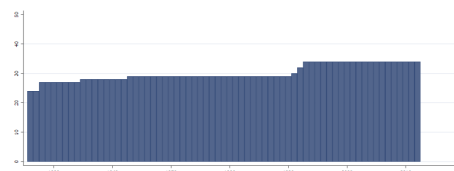


Min. Year:1946 Max. Year: 2012  
N: 35 n: 2036  $\bar{N}$ : 30  $\bar{T}$ : 58

4.77.5 uds\_sd Unified Demo. Score Posterior (Std. Dev.)

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: 35 n: 2036  $\bar{N}$ : 30  $\bar{T}$ : 58

### 4.78 United Nations Development Program

<http://hdr.undp.org/en/data>

(United Nations Development Program, 2019b)

(Data downloaded: 2019-11-04)

#### 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.

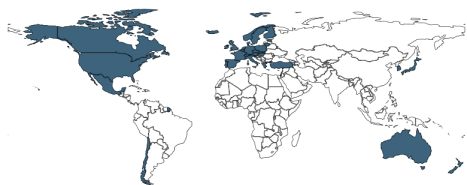
#### 4.78.1 undp\_hdi Human Development Index

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.

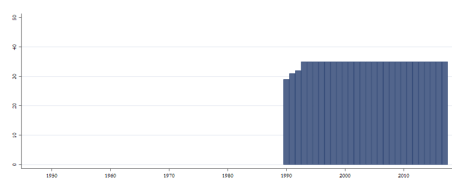
The Human Development Index (HDI) is a summary measure of average achievement in key dimensions of human development: a long and healthy life, being knowledgeable and have a decent standard of living. The HDI is the geometric mean of normalized indices for each of the three dimensions.

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:2016 Max. Year: 2017  
N: 36



Min. Year:1990 Max. Year: 2017  
N: 36 n: 993  $\bar{N}$ : 35  $\bar{T}$ : 28

## 4.79 UNESCO

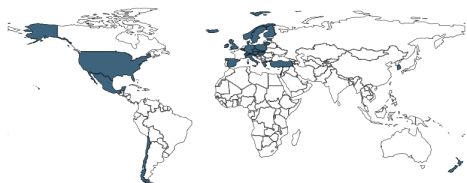
<http://data.uis.unesco.org/>  
(UNESCO, 2019)  
(Data downloaded: 2019-11-07)

### UNESCO Institute for Statistics

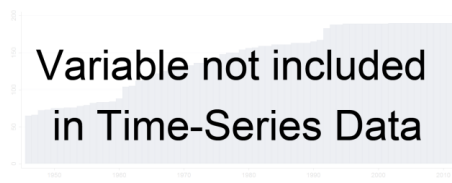
UIS Data Centre contains all the latest available data and indicators, for education, literacy, science, technology and innovation, culture, communication and information.

#### 4.79.1 une\_girg1pf Gross intake ratio to Grade 1 of primary education, female (%)

Gross intake ratio to Grade 1 of primary education, female (%). This indicator utilizes population data for a single-year of age.



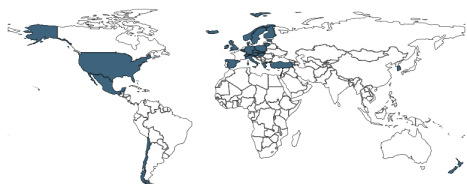
Min. Year:2013 Max. Year: 2018  
N: 30



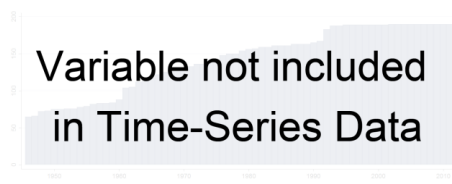
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.79.2 une\_girg1pm Gross intake ratio to Grade 1 of primary education, male (%)

Gross intake ratio to Grade 1 of primary education, male (%). This indicator utilizes population data for a single-year of age.



Min. Year:2013 Max. Year: 2018  
N: 30

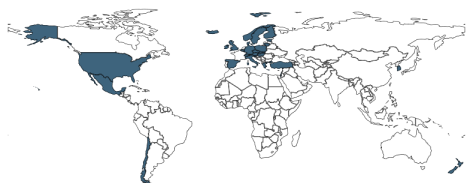


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.79.3 une\_girg1pt Gross intake ratio to Grade 1 of primary education, both sexes (%)

Gross intake ratio to Grade 1 of primary education, both sexes (%). This indicator utilizes population data for a single-year of age.





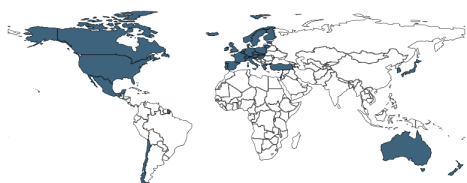
Min. Year: 2013 Max. Year: 2018  
N: 30

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

#### 4.79.4 une\_oals Official entrance age to lower secondary education (years)

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.



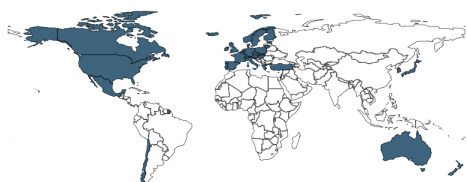
Min. Year: 2016 Max. Year: 2016  
N: 36

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

#### 4.79.5 une\_oaus Official entrance age to upper secondary education (years)

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.



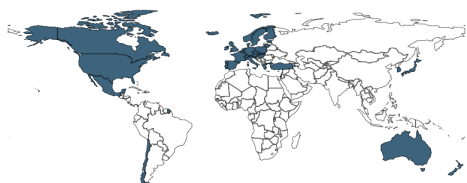
Min. Year: 2016 Max. Year: 2016  
N: 36

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

#### 4.79.6 une\_tdurls Theoretical duration of lower secondary education (years)

Theoretical duration of lower secondary education (years). Number of grades or years in a given level of education.



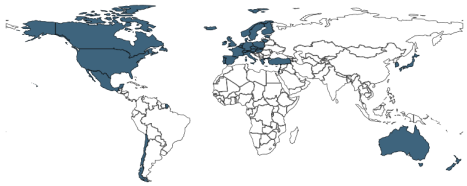
Min. Year: 2016 Max. Year: 2016  
N: 36

Variable not included  
in Time-Series Data

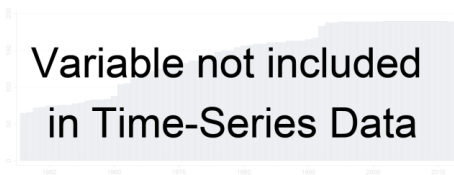
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.79.7 une\_tdurused Theoretical duration of upper secondary education (years)**

Theoretical duration of upper secondary education (years). Number of grades or years in a given level of education.



Min. Year:2016 Max. Year: 2016  
N: 36



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

**4.80 Tatu Vanhanen**

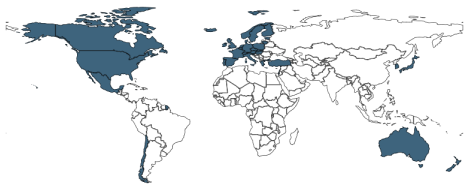
<https://services.fsd.uta.fi/catalogue/FSD1289>  
(Vanhanen, 2019) (Finnish Social Science Data Archive [producer and distributor], 2019)  
(Data downloaded: 2019-10-04)

**Measures of Democracy 1810-2018**

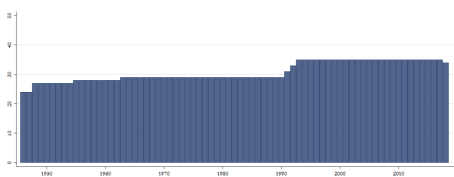
The data contain three different variables, created by Tatu Vanhanen. The variables in question are political competition, political participation and the index of democratization.

**4.80.1 van\_comp Competition**

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.



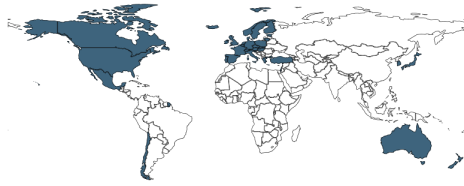
Min. Year:2016 Max. Year: 2016  
N: 36



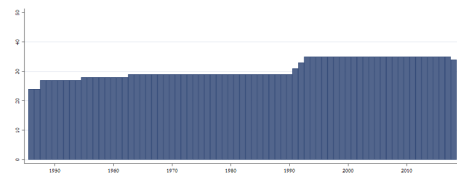
Min. Year:1946 Max. Year: 2018  
N: 36 n: 2273  $\bar{N}$ : 31  $\bar{T}$ : 63

**4.80.2 van\_index Index of Democratization**

The index of democratization is formed by multiplying the competition and the participation variables and then dividing the outcome by 100.



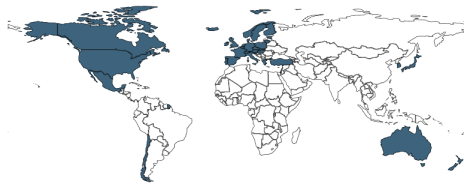
Min. Year: 2016 Max. Year: 2016  
N: 36



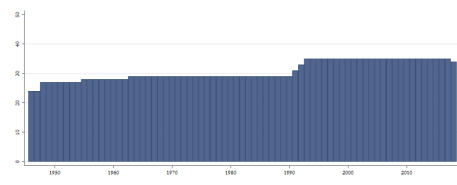
Min. Year: 1946 Max. Year: 2018  
N: 36 n: 2273  $\bar{N}$ : 31  $\bar{T}$ : 63

#### 4.80.3 van\_part Participation

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: 2016 Max. Year: 2016  
N: 36



Min. Year: 1946 Max. Year: 2018  
N: 36 n: 2273  $\bar{N}$ : 31  $\bar{T}$ : 63

### 4.81 Varieties of Democracy (V-Dem) Project

<https://v-dem.net/en/data/>

(Coppedge et al., 2019) (Pemstein et al., 2019)

(Data downloaded: 2019-06-12)

#### Varieties of Democracy Dataset version 9

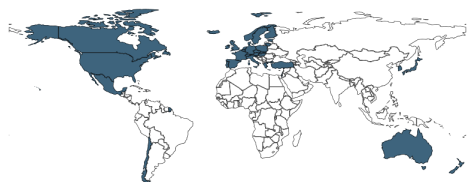
Varieties of Democracy (V-Dem) is a new approach to conceptualizing and measuring democracy. It provides a multidimensional and disaggregated dataset that reflects the complexity of the concept of democracy as a system of rule that goes beyond the simple presence of elections. The V-Dem project distinguishes between five high-level principles of democracy: electoral, liberal, participatory, deliberative, and egalitarian, and collects data to measure these principles.

##### 4.81.1 vdem\_corr Political corruption index

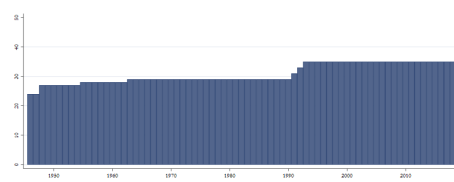
Political corruption. Question: How pervasive is political corruption?

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:2016 Max. Year: 2016  
N: 36

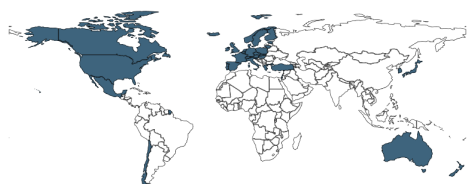


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

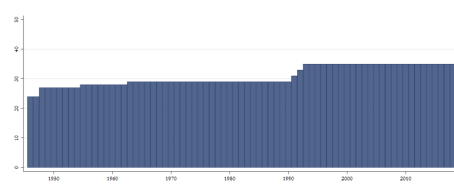
#### 4.81.2 vdem\_delibdem Deliberative democracy index

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:2016 Max. Year: 2016  
N: 36

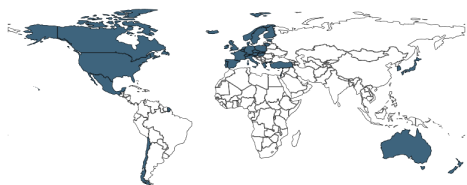


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

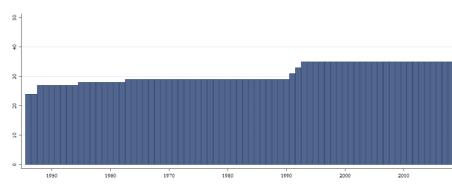
#### 4.81.3 vdem\_dl\_delib Deliberative component index

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:2016 Max. Year: 2016  
N: 36

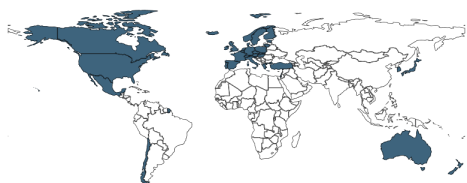


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

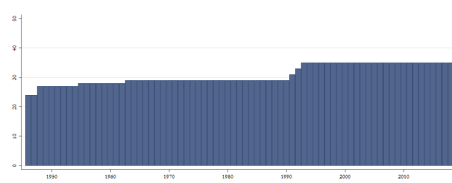
#### 4.81.4 vdem\_edcomp\_thick Electoral component index

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 Dahls sub-components (with the one exception of the non-electoral component).



Min. Year:2016 Max. Year: 2016  
N: 36

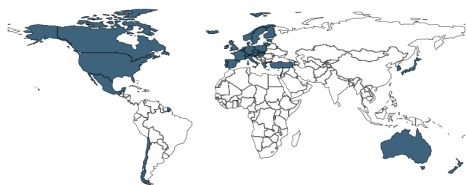


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

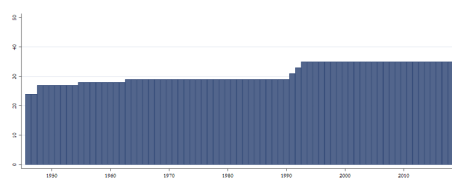
#### 4.81.5 vdem\_egal Egalitarian component index

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; 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. Aggregation: This index is formed by averaging the following indices: equal protection index and equal distribution of resources.



Min. Year:2016 Max. Year: 2016  
N: 36

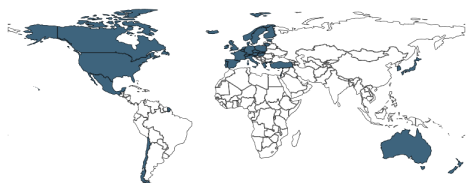


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

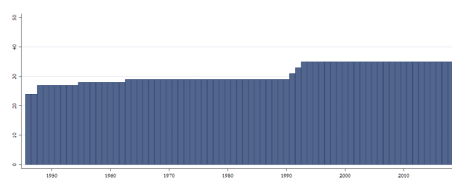
#### 4.81.6 vdem\_egaldem Egalitarian democracy index

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:2016 Max. Year: 2016  
N: 36

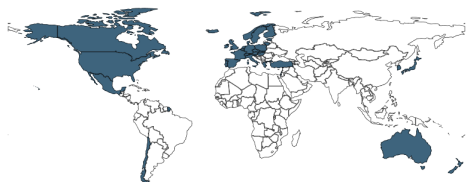


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

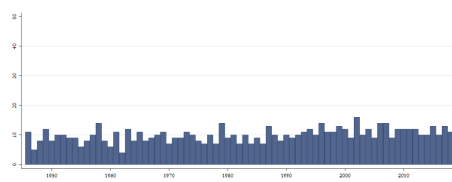
#### 4.81.7 vdem\_elvotbuy Election vote buying

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: 2018  
N: 36

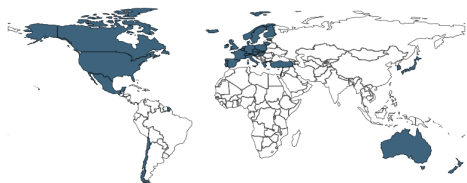


Min. Year:1946 Max. Year: 2018  
N: 36 n: 740  $\bar{N}$ : 10  $\bar{T}$ : 21

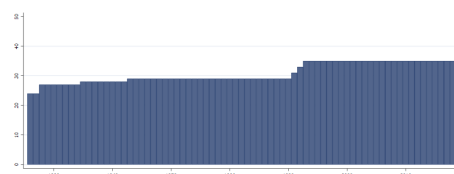
#### 4.81.8 vdem\_exbribe Executive bribery and corrupt exchanges

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:2016 Max. Year: 2016  
N: 36

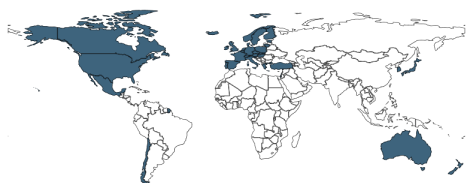


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

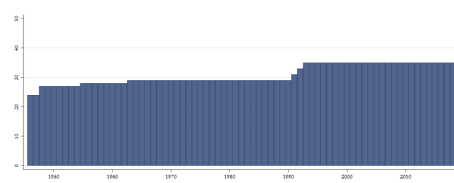
#### 4.81.9 vdem\_excrptps Public sector corrupt exchanges

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:2016 Max. Year: 2016  
N: 36

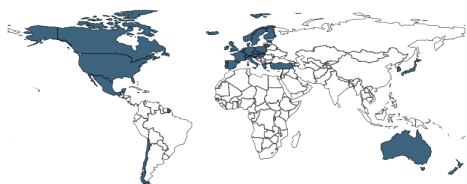


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

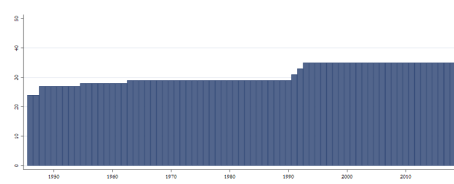
#### 4.81.10 vdem\_execorr Executive corruption index

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.



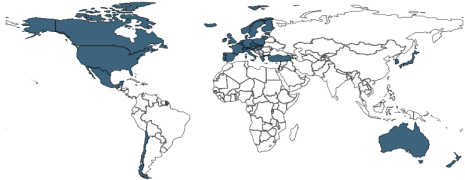
Min. Year:2016 Max. Year: 2016  
N: 36



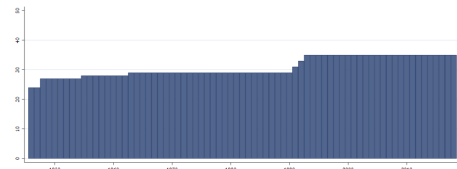
Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

#### 4.81.11 vdem\_exembe Executive embezzlement and theft

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:2016 Max. Year: 2016  
N: 36

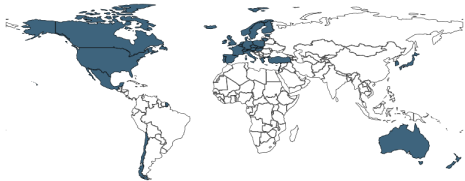


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

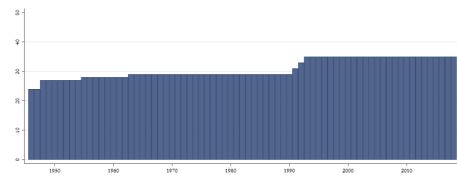
#### 4.81.12 vdem\_exthtps Public sector theft

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.



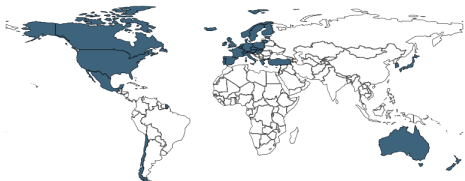
Min. Year:2016 Max. Year: 2016  
N: 36



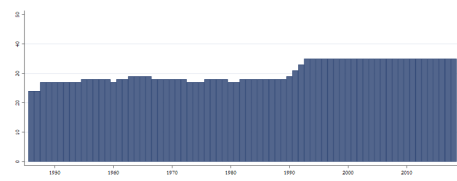
Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

#### 4.81.13 vdem\_gcorrpt Legislature corrupt activities

Legislature corrupt activities. Do members of the legislature abuse their position for financial gain? 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:2016 Max. Year: 2016  
N: 36



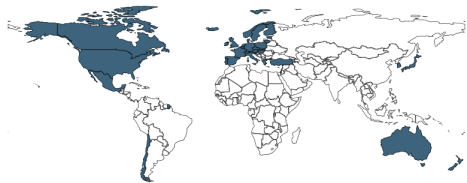
Min. Year:1946 Max. Year: 2018  
N: 36 n: 2245  $\bar{N}$ : 31  $\bar{T}$ : 62



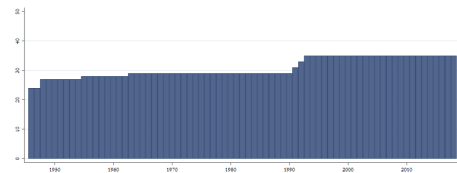
#### 4.81.14 vdem\_gender Women political empowerment index

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.



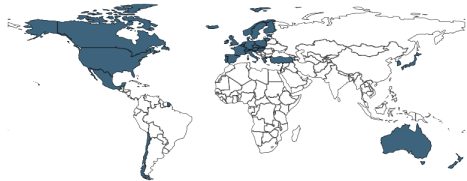
Min. Year:2016 Max. Year: 2016  
N: 36



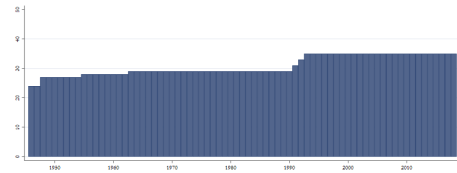
Min. Year:1946 Max. Year: 2018  
N: 36 n: 2273  $\bar{N}$ : 31  $\bar{T}$ : 63

#### 4.81.15 vdem\_jucorrdc Judicial corruption decision

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:2016 Max. Year: 2016  
N: 36

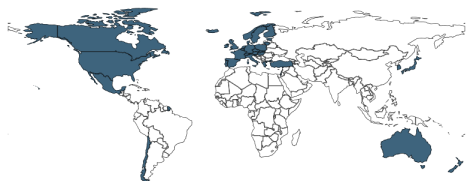


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

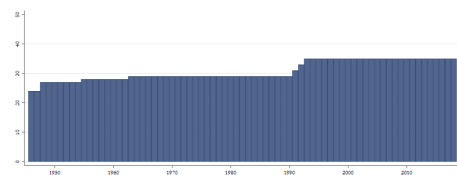
#### 4.81.16 vdem\_libdem Liberal democracy index

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:2016 Max. Year: 2016  
N: 36

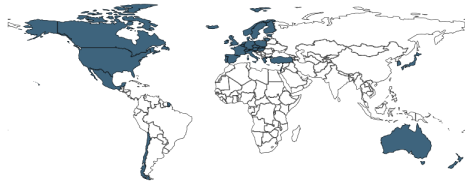


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

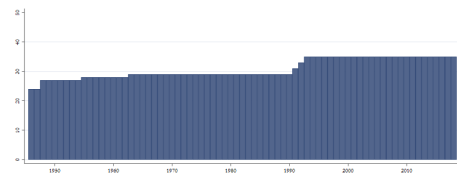
#### 4.81.17 vdem\_liberal Liberal component index

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.



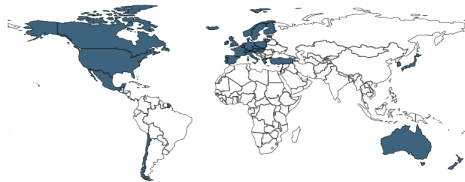
Min. Year:2016 Max. Year: 2016  
N: 36



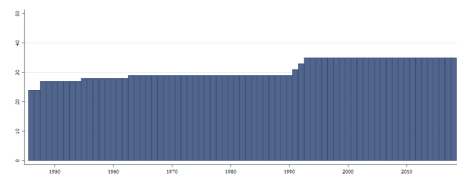
Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

#### 4.81.18 vdem\_mecorrpt Media corrupt

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:2016 Max. Year: 2016  
N: 36

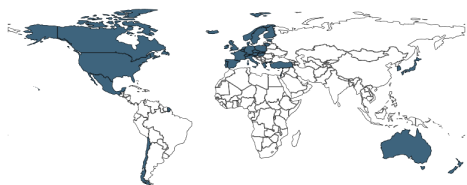


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

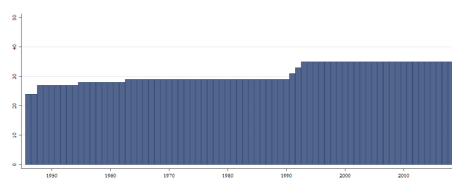
#### 4.81.19 vdem\_partip Participatory component index

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:2016 Max. Year: 2016  
N: 36

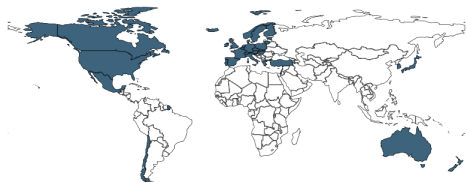


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

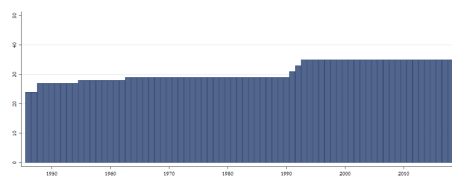
#### 4.81.20 vdem\_partipdem Participatory democracy index

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:2016 Max. Year: 2016  
N: 36

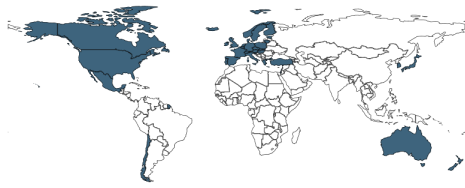


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

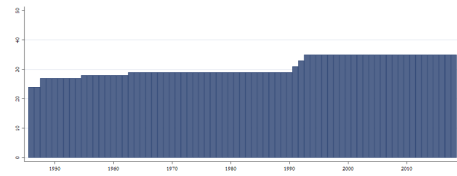
#### 4.81.21 vdem\_polyarchy Electoral democracy index

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:2016 Max. Year: 2016  
N: 36

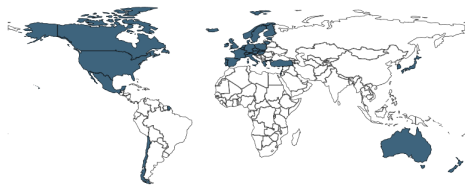


Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

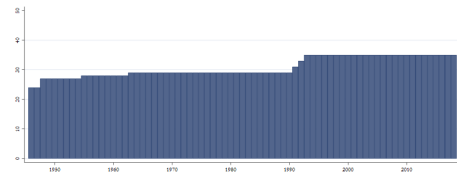
#### 4.81.22 vdem\_pubcorr Public sector corruption index

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:2016 Max. Year: 2016  
N: 36



Min. Year:1946 Max. Year: 2018  
N: 36 n: 2274  $\bar{N}$ : 31  $\bar{T}$ : 63

### 4.82 Jelle Visser

<http://uva-aias.net/en/ictwss>

(Visser, 2019)

(Data downloaded: 2019-07-01)

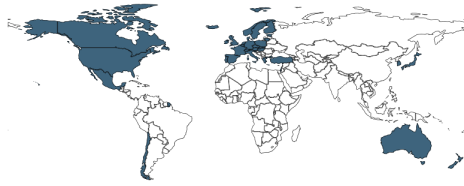
#### The ICTWSS database version 6.0

The ICTWSS database covers four key elements of modern political economies: trade unionism, wage setting, state intervention and social pacts. The database contains annual data for all OECD and EU Member States.

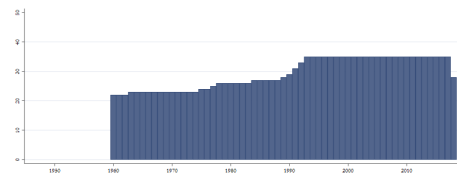
##### 4.82.1 vi\_ext Mandatory extension of collective agreements to non-organised employers

Mandatory extension of collective agreements to non-organised employers.

0. There are neither legal provisions for mandatory extension, nor is there a functional equivalent.
1. Extension is rather exceptional, used in some industries only, because of absence of sector agreements, very high thresholds (supermajorities of 60% or more, public policy criteria, etc.), and/or resistance of Employers.
2. Extension is used in many industries, but there are thresholds and Ministers can (and sometimes do) decide not to extend (clauses in) collective agreements.
3. Extension is virtually automatic and more or less general (including enlargement).



Min. Year:2016 Max. Year: 2016  
N: 36

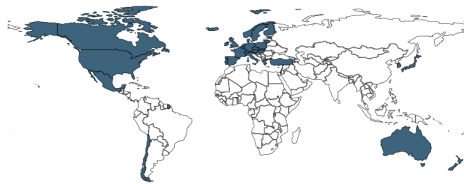


Min. Year:1960 Max. Year: 2018  
N: 36 n: 1757  $\bar{N}$ : 30  $\bar{T}$ : 49

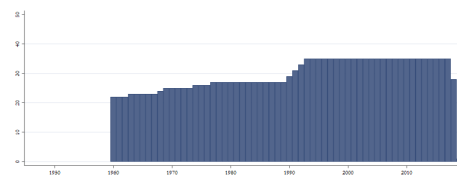
#### 4.82.2 vi\_mws Minimum Wage Setting

Minimum Wage Setting.

0. No statutory minimum wage, no sectoral or national agreements.
1. Minimum wages are set by (sectoral) collective agreement or tripartite wage boards in (some) sectors.
2. Minimum wages are set by national (cross-sectoral or inter-occupational) agreement (autonomous agreement) between unions and employers.
3. National minimum wage is set by agreement (as in 1 or 2) but extended and made binding by law or Ministerial decree.
4. National minimum wage is set through tripartite negotiations.
5. National minimum wage is set by government after (non-binding) tripartite consultations.
6. Minimum wage set by judges or expert committee, as in award-system.
7. Minimum wage is set by government, bound by a fixed rule (index-based minimum wage).
8. Minimum wage is set by government based on a fixed rule (index-based minimum wage) or target (growth, employment, poverty), but government can (and sometimes does) take a discretionary decision.
9. Minimum wage is set by government, without a fixed rule.



Min. Year:2016 Max. Year: 2016  
N: 36

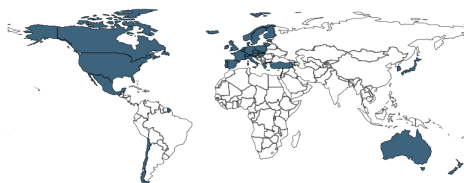


Min. Year:1960 Max. Year: 2019  
N: 36 n: 1783  $\bar{N}$ : 30  $\bar{T}$ : 50

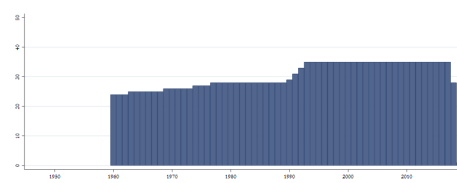
#### 4.82.3 vi\_nmw National Minimum Wage

National Minimum Wage.

0. No statutory minimum wage.
1. Statutory minimum wage in some sectors (occupations, regions/states) only.
2. Statutory national (cross-sectoral or interoccupational) minimum wage exists.



Min. Year:2016 Max. Year: 2016  
N: 36

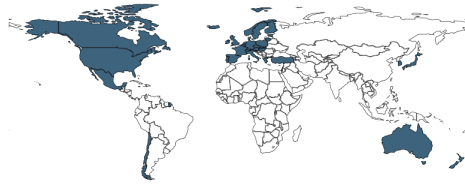


Min. Year:1960 Max. Year: 2019  
N: 36 n: 1821  $\bar{N}$ : 30  $\bar{T}$ : 51

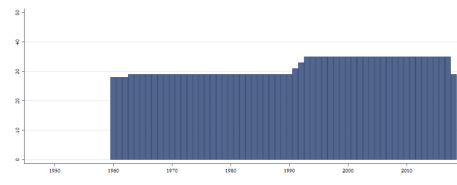
#### 4.82.4 vi\_rag Right of Association, government

Right of Association, Government Sector.

0. No.
1. Yes, with major restrictions (e.g., monopoly union, government authorization, major groups excluded).
2. Yes, with minor restrictions (e.g., recognition procedures, thresholds, only military, judiciary or police excluded, as per ILO convention).
3. Yes.



Min. Year:2016 Max. Year: 2016  
N: 36

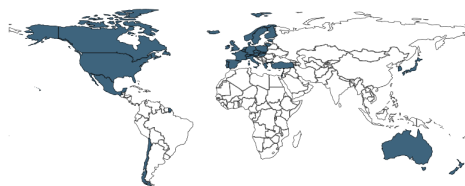


Min. Year:1960 Max. Year: 2018  
N: 36 n: 1891  $\bar{N}$ : 32  $\bar{T}$ : 53

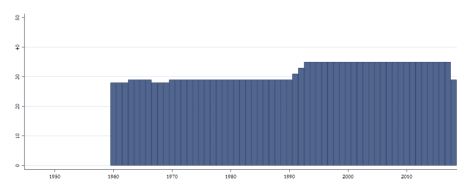
#### 4.82.5 vi\_ram Right of Association, market

Right of Association, Market Sector.

0. No.
1. Yes, with major restrictions (e.g. monopoly union, prior authorization, major groups excluded).
2. Yes, with minor restrictions (e.g. recognition procedures, workplace elections, thresholds).
3. Yes. Some values were originally coded as 2.5, QoG has recoded them to missing.



Min. Year:2016 Max. Year: 2016  
N: 36

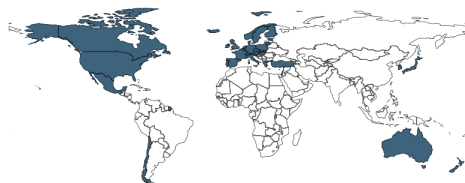


Min. Year:1960 Max. Year: 2018  
N: 36 n: 1888  $\bar{N}$ : 32  $\bar{T}$ : 52

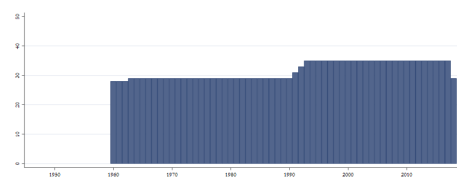
#### 4.82.6 vi\_rcbg Right of Collective bargaining, government

Right of Collective Bargaining, Government Sector.

0. No.
1. Yes, with major restrictions (e.g. monopoly union, government authorization, limitations on content, major groups excluded).
2. Yes, with minor restrictions (e.g. registration, thresholds, only military, judiciary or police excluded - as per ILO convention).
3. Yes.



Min. Year:2016 Max. Year: 2016  
N: 36



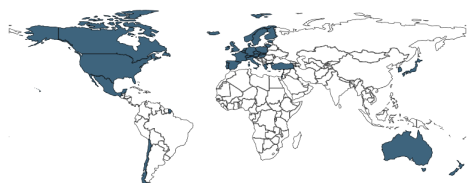
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1891  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.82.7 vi\_rcbm Right of Collective bargaining, market

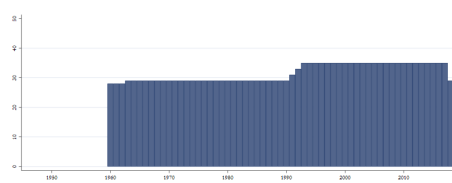
Right of Collective Bargaining, Market Sector.

0. No.

1. Yes, with major restrictions (e.g. monopoly union, government authorization, limitations on content, major groups excluded).
2. Yes, with minor restrictions (e.g. registration, thresholds).
3. Yes.



Min. Year:2016 Max. Year: 2016  
N: 36

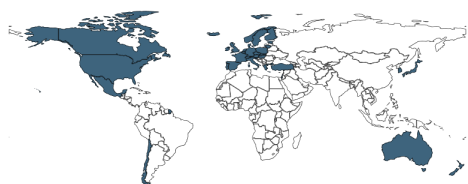


Min. Year:1960 Max. Year: 2018  
N: 36 n: 1891  $\bar{N}$ : 32  $\bar{T}$ : 53

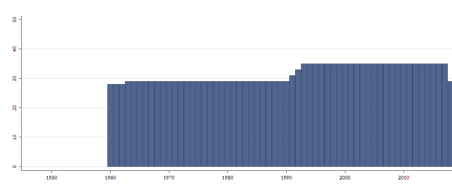
#### 4.82.8 vi\_rsg Right to Strike, government

Right to Strike, Government Sector.

0. No.
1. Yes, with major restrictions (e.g. monopoly union, compulsory arbitration or conciliation, restrictions on issues or content, major groups excluded).
2. Yes, with minor restrictions (e.g. recognized union, balloting, proportionality, respect of peace obligation, only military, judiciary or police excluded - as per ILO convention).
3. Yes.



Min. Year:2016 Max. Year: 2016  
N: 36

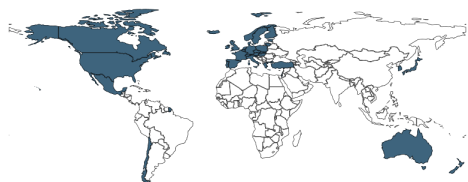


Min. Year:1960 Max. Year: 2018  
N: 36 n: 1891  $\bar{N}$ : 32  $\bar{T}$ : 53

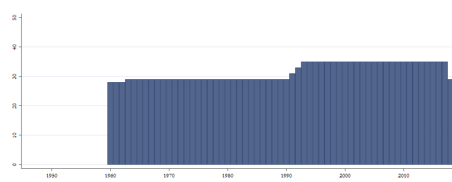
#### 4.82.9 vi\_rsm Right to Strike, market

Right to Strike, Market Sector.

0. No.
1. Yes, with major restrictions (e.g. monopoly union, compulsory arbitration or conciliation, restrictions on issues or content, major groups excluded).
2. Yes, with minor restrictions (e.g. recognized union, balloting, proportionality, respect of peace obligation).
3. Yes.



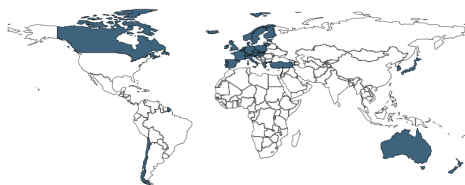
Min. Year:2016 Max. Year: 2016  
N: 36



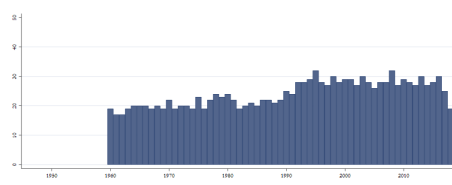
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1891  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.82.10 vi\_udr Union Density Rate

Union density rate, net union membership as a proportion of wage and salary earners in employment (0-100).



Min. Year:2013 Max. Year: 2017  
N: 34

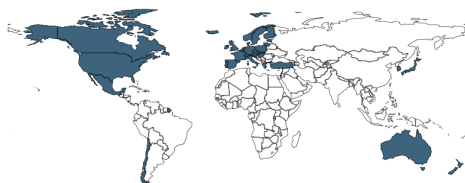


Min. Year:1960 Max. Year: 2018  
N: 36 n: 1435  $\bar{N}$ : 24  $\bar{T}$ : 40

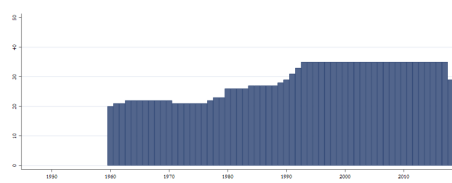
#### 4.82.11 vi\_wcoord Coordination of wage-setting

Coordination of wage-setting.

5. Binding norms regarding maximum or minimum wage rates or wage increases issued as a result of a) centralized bargaining by the central union and employers' associations, with or without government involvement, or b) unilateral government imposition of wage schedule/freeze, with or without prior consultation and negotiations with unions and/or employers' associations.
4. Non-binding norms and/or guidelines (recommendations on maximum or minimum wage rates or wage increases) issued by a) the government or government agency, and/or the central union and employers' associations (together or alone), or b) resulting from an extensive, regularized pattern setting coupled with high degree of union concentration and authority.
3. Procedural negotiation guidelines (recommendations on, for instance, wage demand formula relating to productivity or inflation) issued by a) the government or government agency, and/or the central union and employers' associations (together or alone), or b) resulting from an extensive, regularized pattern setting coupled with high degree of union concentration and authority.
2. Some coordination of wage setting, based on pattern setting by major companies, sectors, government wage policies in the public sector, judicial awards, or minimum wage policies.
1. Fragmented wage bargaining, confined largely to individual firms or plants, no coordination.



Min. Year:2013 Max. Year: 2016  
N: 36



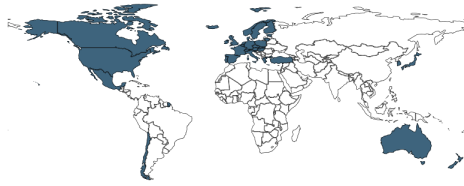
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1723  $\bar{N}$ : 29  $\bar{T}$ : 48

#### 4.82.12 vi\_wgi Government intervention in wage bargaining

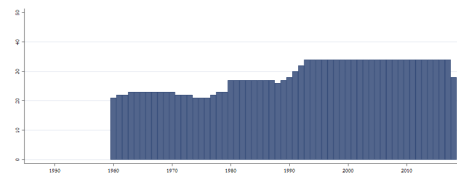
Government intervention in wage bargaining.

5. The government imposes private sector wage settlements, places a ceiling on bargaining outcomes or suspends bargaining.
4. The government participates directly in wage bargaining (tripartite bargaining, as in social pacts).
3. The government influences wage bargaining outcomes indirectly through price-ceilings, indexation, tax measures, minimum wages, and/or pattern setting through public sector wages.
2. The government influences wage bargaining by providing an institutional framework of consultation and information exchange, by conditional agreement to extend private sector agreements, and/or by providing a conflict resolution mechanism which links the settlement of disputes across the economy and/or allows the intervention of state arbitrators or Parliament.
1. None of the above.





Min. Year: 2016 Max. Year: 2016  
N: 35

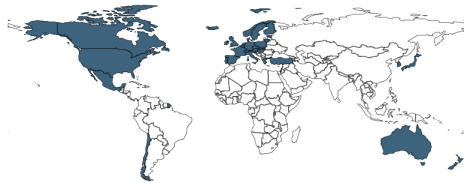


Min. Year: 1960 Max. Year: 2018  
N: 36 n: 1710  $\bar{N}$ : 29  $\bar{T}$ : 48

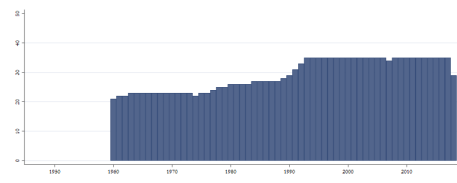
#### 4.82.13 vi\_wl The predominant level at which wage bargaining takes place

Level-impact: the predominant level at which wage bargaining takes place in terms of coverage.

5. Bargaining predominantly takes place at central or cross-industry level negotiated at lower levels.
4. Intermediate or alternating between central and industry bargaining.
3. Bargaining predominantly takes place at the sector or industry level.
2. Intermediate or alternating between sector and company bargaining.
1. Bargaining predominantly takes place at the local or company level.



Min. Year: 2015 Max. Year: 2016  
N: 36



Min. Year: 1960 Max. Year: 2018  
N: 36 n: 1750  $\bar{N}$ : 30  $\bar{T}$ : 49

### 4.83 Institute for Economics & Peace

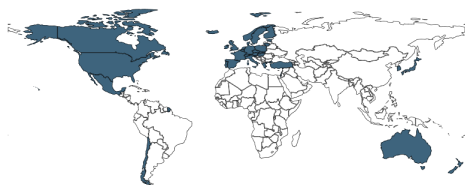
<http://www.visionofhumanity.org/#/page/indexes/terrorism-index>  
(Institute for Economics and Peace, 2018)  
(Data downloaded: 2019-10-02)

#### Global Terrorism Index

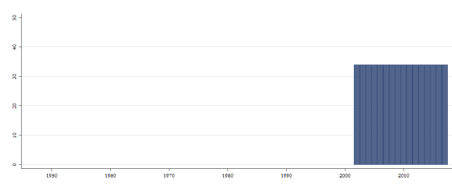
The Global Terrorism Index (GTI) is a comprehensive study which accounts for the direct and indirect impact of terrorism in 162 countries in terms of its effect on lives lost, injuries, property damage and the psychological after-effects of terrorism. This study covers 99.6 per cent of the world's population. 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.

#### 4.83.1 voh\_gti Global Terrorism Index

Global Terrorism Index.



Min. Year:2016 Max. Year: 2016  
N: 35



Min. Year:2002 Max. Year: 2017  
N: 35 n: 560  $\bar{N}$ : 35  $\bar{T}$ : 16

## 4.84 The World Bank Group

<https://info.worldbank.org/governance/wgi/>

(Kaufmann et al., 2010)

(Data downloaded: 2019-10-01)

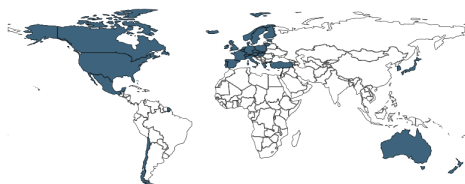
### The Worldwide Governance Indicators

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.

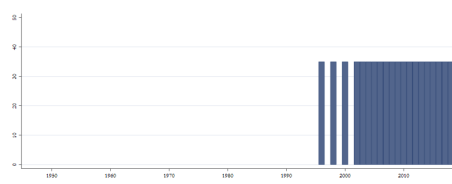
Note: Since the estimates are standardized (with a mean of zero and a standard deviation of one) each year of measurement, they are not directly suitable for over-time comparisons within countries. Kaufmann et al. (2006) however find no systematic time-trends in a selection of indicators that do allow for comparisons over time, which suggests that time-series information in the WBGI scores can be used if interpreted with caution.

#### 4.84.1 wbgi\_cce Control of Corruption, Estimate

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”.



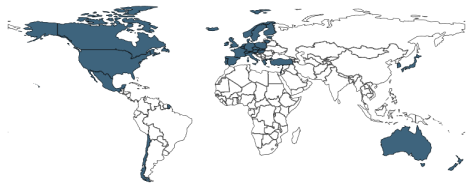
Min. Year:2016 Max. Year: 2016  
N: 36



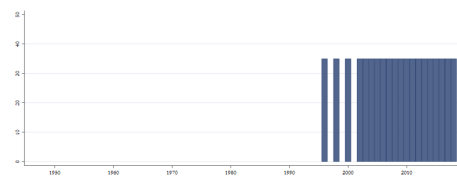
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.2 wbgi\_ccn Control of Corruption, Number of Sources

Control of Corruption - Number of Sources.



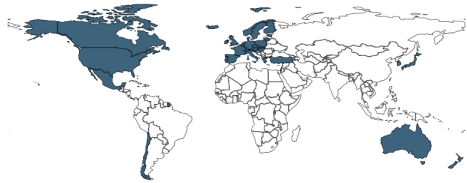
Min. Year:2016 Max. Year: 2016  
N: 36



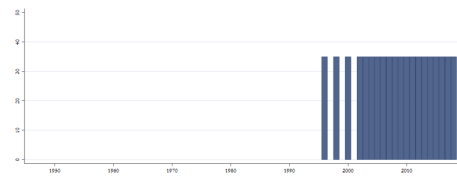
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.3 wbgi\_ccs Control of Corruption, Standard Error

Control of Corruption - Standard Errors.



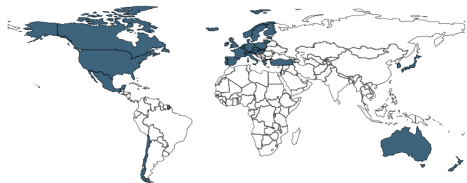
Min. Year:2016 Max. Year: 2016  
N: 36



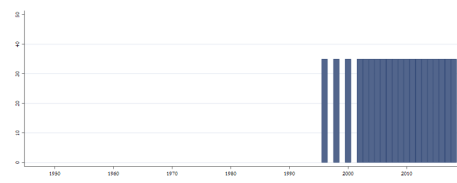
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.4 wbgi\_gee Government Effectiveness, Estimate

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.



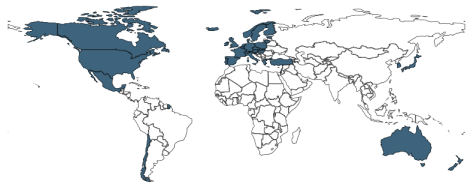
Min. Year:2016 Max. Year: 2016  
N: 36



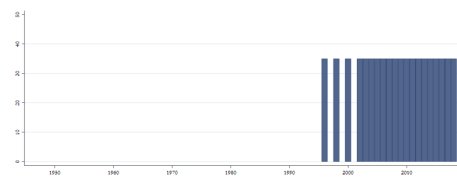
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.5 wbgi\_gen Government Effectiveness, Number of Sources

Government Effectiveness - Number of Sources.



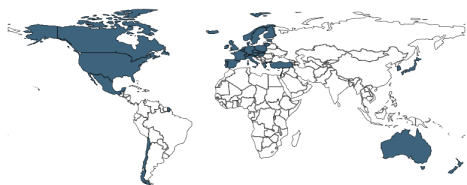
Min. Year:2016 Max. Year: 2016  
N: 36



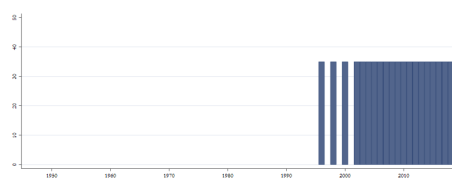
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.6 wbgi\_ges Government Effectiveness, Standard Error

Government Effectiveness - Standard Errors.



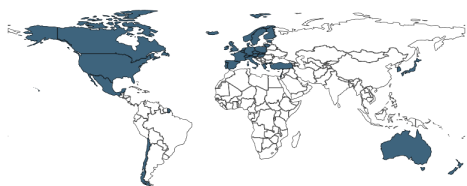
Min. Year:2016 Max. Year: 2016  
N: 36



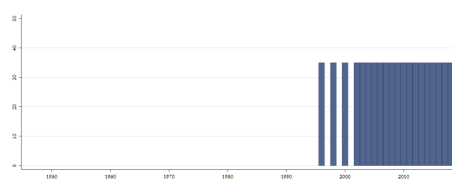
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.7 wbgi\_pve Political Stability and Absence of Violence/Terrorism, Estimate

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.



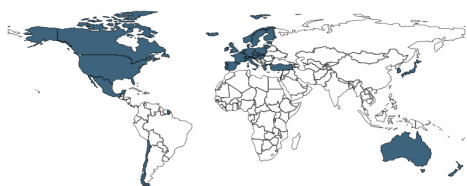
Min. Year:2016 Max. Year: 2016  
N: 36



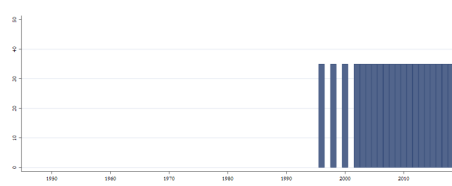
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.8 wbgi\_pvn Political Stability and Absence of Violence/Terrorism, Number of Sources

Political Stability and Absence of Violence - Number of Sources.



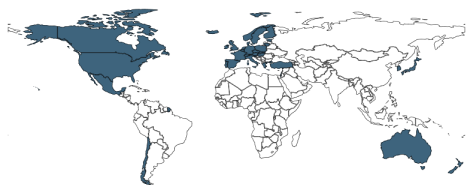
Min. Year:2016 Max. Year: 2016  
N: 36



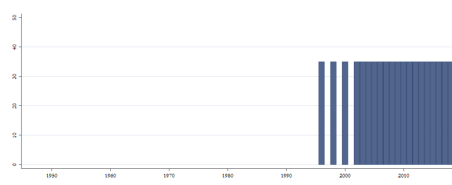
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.9 wbgi\_pvs Political Stability and Absence of Violence/Terrorism, Standard Error

Political Stability and Absence of Violence - Standard Errors.



Min. Year:2016 Max. Year: 2016  
N: 36

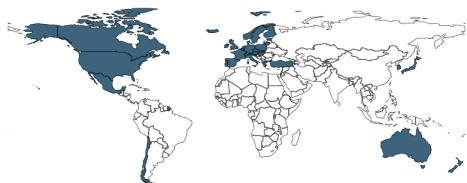


Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

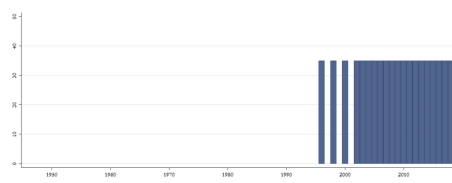
#### 4.84.10 wbgi\_rle Rule of Law, Estimate

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.



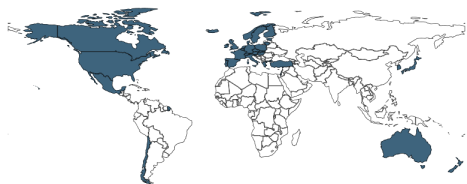
Min. Year:2013 Max. Year: 2016  
N: 36



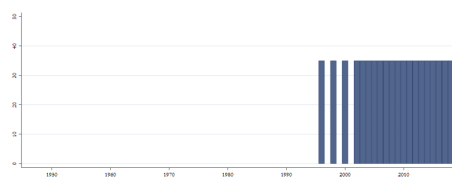
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\overline{N}$ : 31  $\overline{T}$ : 20

#### 4.84.11 wbgi\_rln Rule of Law, Number of Sources

Rule of Law - Number of Sources.



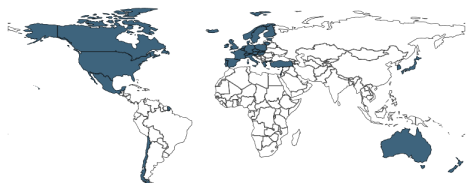
Min. Year:2013 Max. Year: 2016  
N: 36



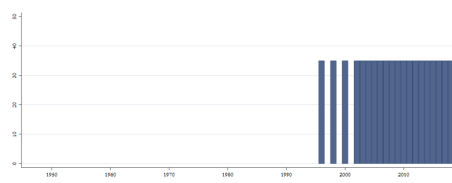
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\overline{N}$ : 31  $\overline{T}$ : 20

#### 4.84.12 wbgi\_rls Rule of Law, Standard Error

Rule of Law - Standard Errors.



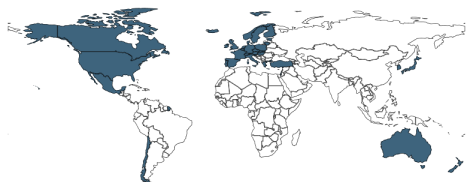
Min. Year:2013 Max. Year: 2016  
N: 36



Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\overline{N}$ : 31  $\overline{T}$ : 20

#### 4.84.13 wbgi\_rqe Regulatory Quality, Estimate

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.



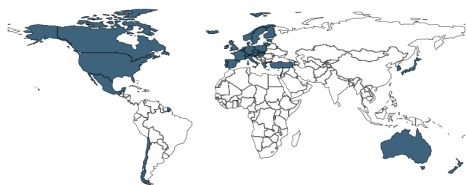
Min. Year:2016 Max. Year: 2016  
N: 36



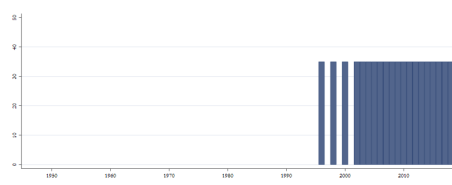
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\overline{N}$ : 31  $\overline{T}$ : 20

#### 4.84.14 wbgi\_rqn Regulatory Quality, Number of Sources

Regulatory Quality - Number of Sources.



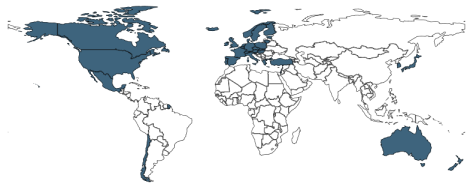
Min. Year:2016 Max. Year: 2016  
N: 36



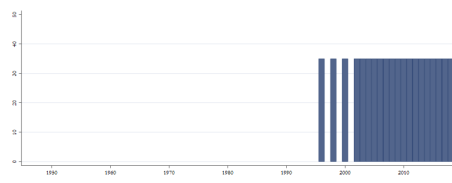
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.15 wbg\_i\_rqs Regulatory Quality, Standard Error

Regulatory Quality - Standard Errors.



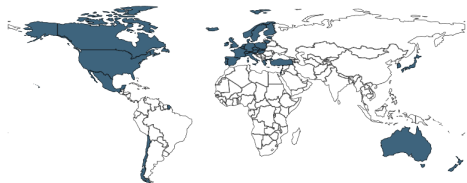
Min. Year:2016 Max. Year: 2016  
N: 36



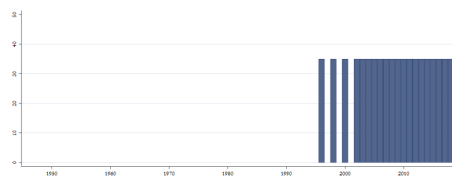
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.16 wbg\_i\_vae Voice and Accountability, Estimate

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.



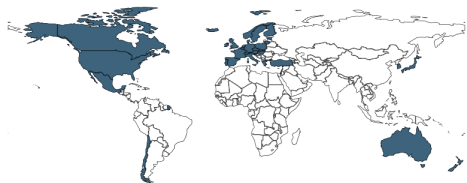
Min. Year:2016 Max. Year: 2016  
N: 36



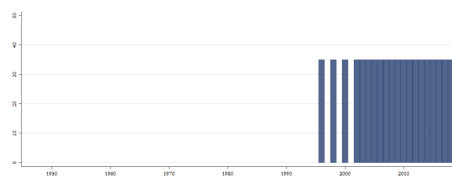
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.17 wbg\_i\_van Voice and Accountability, Number of Sources

Voice and Accountability - Number of Sources.



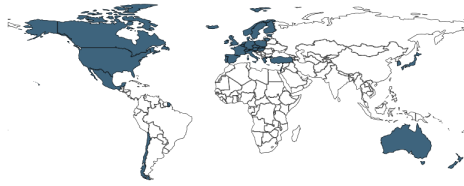
Min. Year:2016 Max. Year: 2016  
N: 36



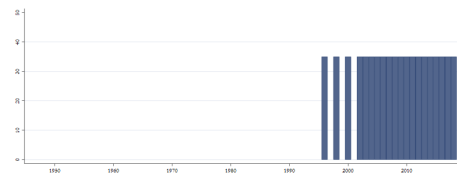
Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

#### 4.84.18 wbg\_i\_vas Voice and Accountability, Standard Error

Voice and Accountability - Standard Errors.



Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:1996 Max. Year: 2018  
N: 36 n: 720  $\bar{N}$ : 31  $\bar{T}$ : 20

## 4.85 The World Bank Group

<http://data.worldbank.org/data-catalog/world-development-indicators>

(World Bank, 2016)

(Data downloaded: 2019-10-07)

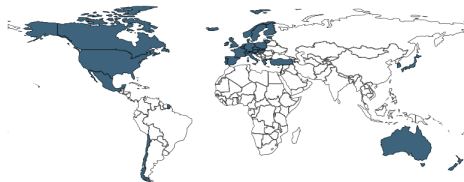
### World Development Indicators

The primary World Bank collection of development indicators, compiled from officially-recognized international sources.

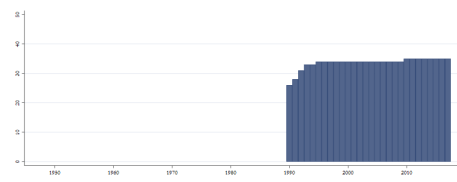
This is an adaptation of an original work by The World Bank. Views and opinions expressed in the adaptation are the sole responsibility of the author or authors of the adaptation and are not endorsed by The World Bank.

#### 4.85.1 wdi\_ace1 Access to electricity (% of population)

Access to electricity is the percentage of population with access to electricity. Electrification data are collected from industry, national surveys and international sources.



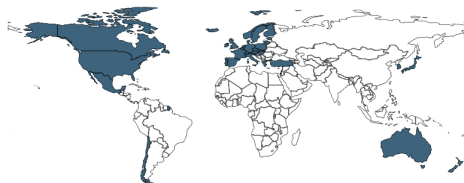
Min. Year:2016 Max. Year: 2016  
N: 36



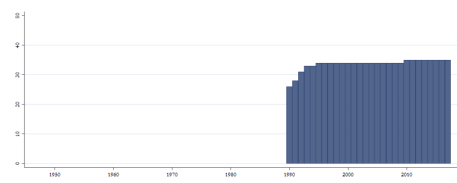
Min. Year:1990 Max. Year: 2017  
N: 36 n: 967  $\bar{N}$ : 35  $\bar{T}$ : 27

#### 4.85.2 wdi\_ace1r Access to electricity, rural (% of rural population)

Access to electricity, rural is the percentage of rural population with access to electricity.



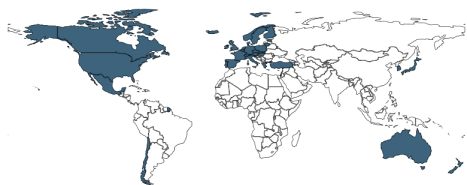
Min. Year:2016 Max. Year: 2016  
N: 36



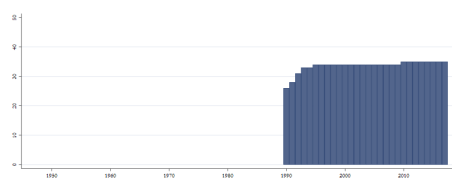
Min. Year:1990 Max. Year: 2017  
N: 36 n: 967  $\bar{N}$ : 35  $\bar{T}$ : 27

#### 4.85.3 wdi\_ace1u Access to electricity, urban (% of urban population)

Access to electricity, urban is the percentage of urban population with access to electricity.



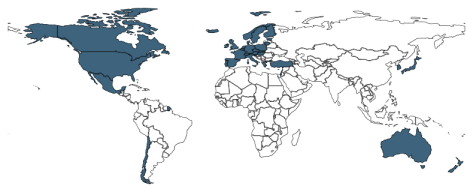
Min. Year:2016 Max. Year: 2016  
N: 36



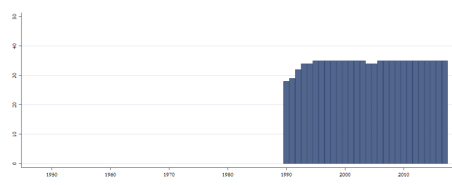
Min. Year:1990 Max. Year: 2017  
N: 36 n: 967  $\bar{N}$ : 35  $\bar{T}$ : 27

#### 4.85.4 wdi\_afp Armed forces personnel (% of total labor force)

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.



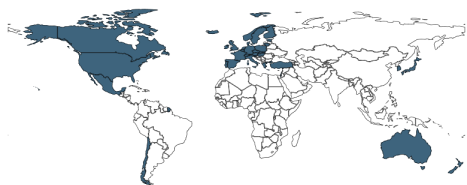
Min. Year:2014 Max. Year: 2016  
N: 36



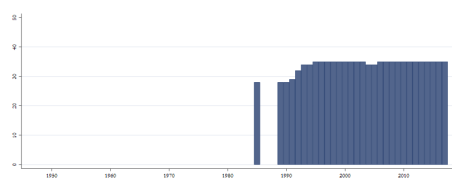
Min. Year:1990 Max. Year: 2017  
N: 36 n: 986  $\bar{N}$ : 35  $\bar{T}$ : 27

#### 4.85.5 wdi\_afpt Armed forces personnel, total

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.



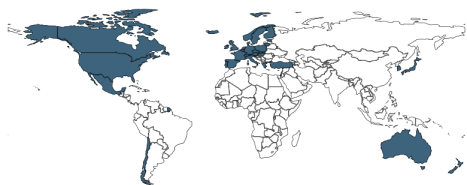
Min. Year:2014 Max. Year: 2016  
N: 36



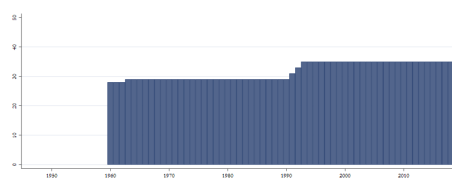
Min. Year:1985 Max. Year: 2017  
N: 36 n: 1042  $\bar{N}$ : 32  $\bar{T}$ : 29

#### 4.85.6 wdi\_agedr Age dependency ratio (% of working-age pop.)

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:2016 Max. Year: 2016  
N: 36



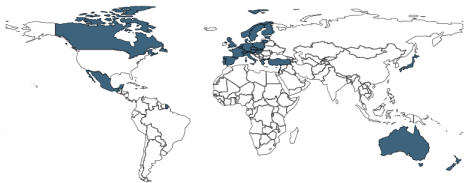
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.7 wdi\_agrland Agricultural irrigated land (% of total agricultural land)

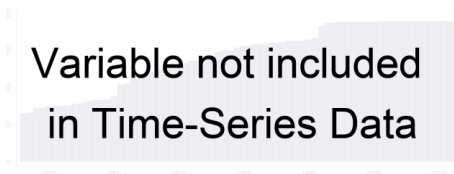
Agricultural land refers to the share of land area that is arable, under permanent crops, and under permanent pastures. Arable land includes land defined by the FAO as land under temporary crops



(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.



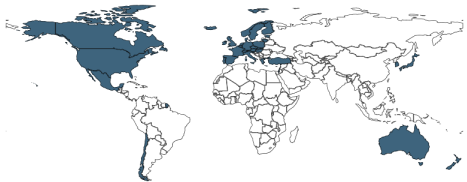
Min. Year:2013 Max. Year: 2016  
N: 30



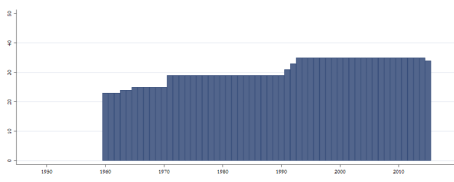
N: N/A Min. Year: N/A Max. Year: N/A  $\overline{N}$ : N/A  
 $\overline{T}$ : N/A

#### 4.85.8 wdi\_ane Alternative and nuclear energy (% of total energy use)

Clean energy is noncarbohydrate energy that does not produce carbon dioxide when generated. It includes hydropower and nuclear, geothermal, and solar power, among others.



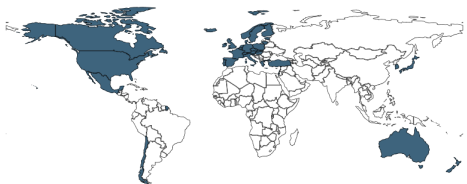
Min. Year:2013 Max. Year: 2015  
N: 36



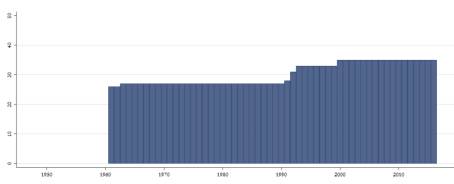
Min. Year:1960 Max. Year: 2015  
N: 36 n: 1738  $\overline{N}$ : 31  $\overline{T}$ : 48

#### 4.85.9 wdi\_araland Arable land (% of land area)

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.



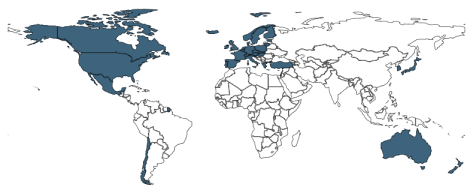
Min. Year:2016 Max. Year: 2016  
N: 36



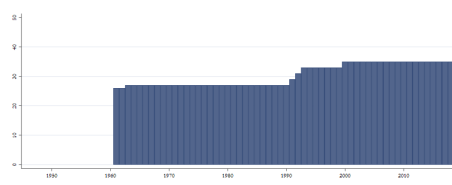
Min. Year:1961 Max. Year: 2016  
N: 36 n: 1718  $\overline{N}$ : 31  $\overline{T}$ : 48

#### 4.85.10 wdi\_area Land area (sq. km)

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.



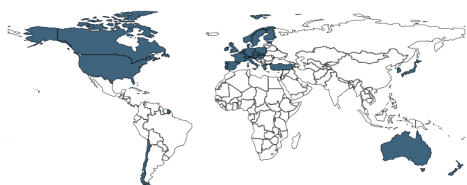
Min. Year:2016 Max. Year: 2016  
N: 36



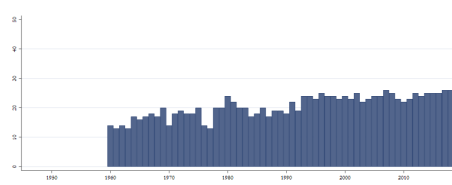
Min. Year:1961 Max. Year: 2018  
N: 36 n: 1791  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.85.11 wdi\_armexp Arms exports (SIPRI trend indicator values)

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.



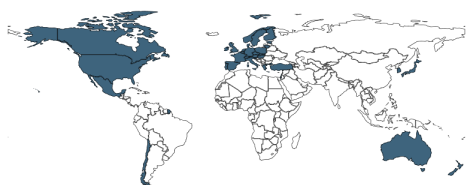
Min. Year:2013 Max. Year: 2018  
N: 31



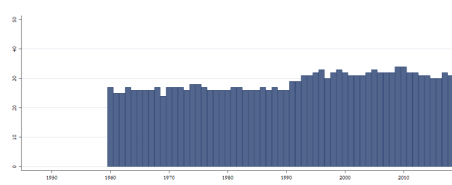
Min. Year:1960 Max. Year: 2018  
N: 35 n: 1216  $\bar{N}$ : 21  $\bar{T}$ : 35

#### 4.85.12 wdi\_armimp Arms imports (SIPRI trend indicator values)

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.



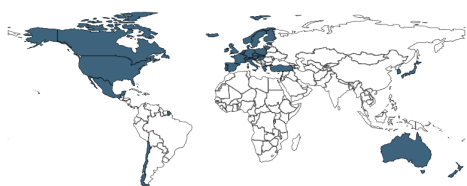
Min. Year:2013 Max. Year: 2018  
N: 35



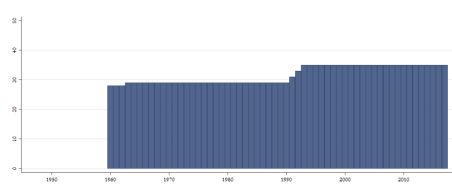
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1727  $\bar{N}$ : 29  $\bar{T}$ : 48

#### 4.85.13 wdi\_birth Birth rate, crude (per 1,000 people)

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.



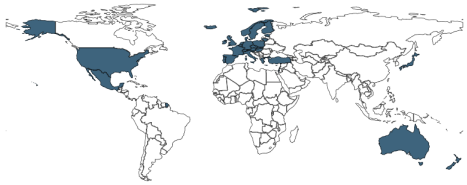
Min. Year:2014 Max. Year: 2016  
N: 36



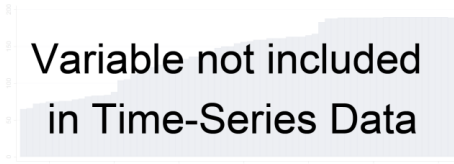
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1861  $\bar{N}$ : 32  $\bar{T}$ : 52

**4.85.14 wdi\_birthreg Completeness of birth registration (%)**

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.



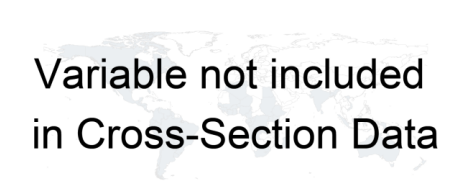
Min. Year: 2013 Max. Year: 2018  
N: 33



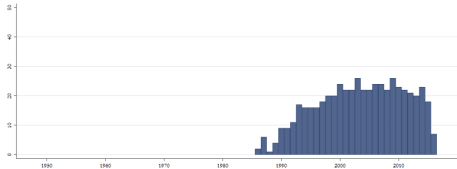
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

**4.85.15 wdi\_birthskill Births attended by skilled health staff (% of total)**

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 post-partum period; to conduct deliveries on their own; and to care for newborns.



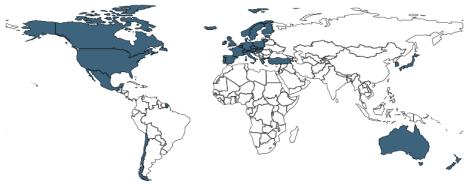
N: N/A Min. Year: N/A Max. Year: N/A



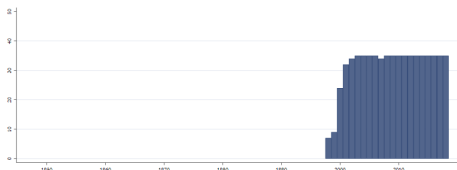
Min. Year: 1986 Max. Year: 2016  
N: 34 n: 558  $\bar{N}$ : 18  $\bar{T}$ : 16

**4.85.16 wdi\_broadb Fixed broadband subscriptions (per 100 people)**

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.



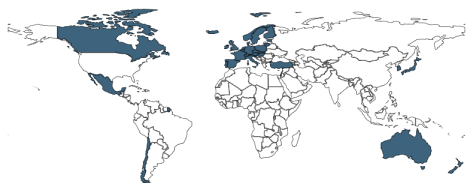
Min. Year: 2014 Max. Year: 2018  
N: 36



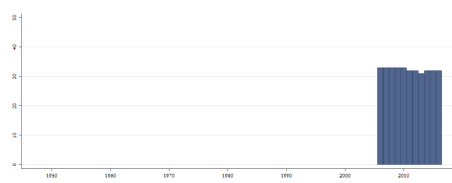
Min. Year: 1998 Max. Year: 2018  
N: 36 n: 684  $\bar{N}$ : 33  $\bar{T}$ : 19

**4.85.17 wdi\_busden New business density (new registrations per 1,000 people ages 15-64)**

New businesses registered are the number of new limited liability corporations registered in the calendar year.



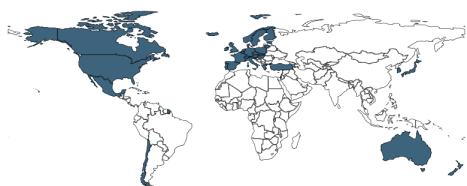
Min. Year:2013 Max. Year: 2016  
N: 34



Min. Year:2006 Max. Year: 2016  
N: 35 n: 367  $\bar{N}$ : 33  $\bar{T}$ : 10

#### 4.85.18 wdi\_chexppgdp Current health expenditure (% of GDP)

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.



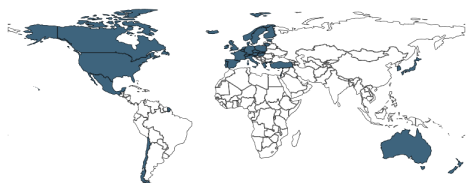
Min. Year:2015 Max. Year: 2016  
N: 36



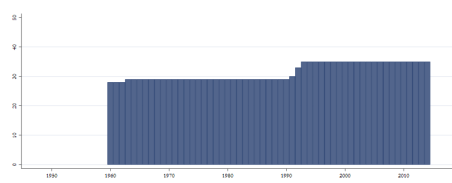
Min. Year:2000 Max. Year: 2016  
N: 36 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.85.19 wdi\_co2 CO2 emissions (metric tons per capita)

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.



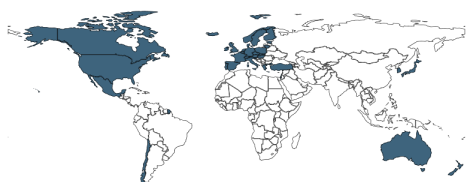
Min. Year:2014 Max. Year: 2016  
N: 36



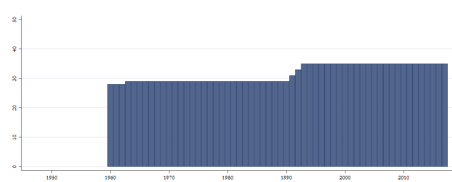
Min. Year:1960 Max. Year: 2014  
N: 36 n: 1752  $\bar{N}$ : 32  $\bar{T}$ : 49

#### 4.85.20 wdi\_death Death rate, crude (per 1,000 people)

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.



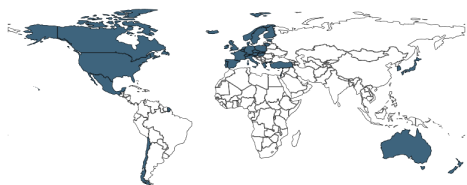
Min. Year:2014 Max. Year: 2016  
N: 36



Min. Year:1960 Max. Year: 2017  
N: 36 n: 1861  $\bar{N}$ : 32  $\bar{T}$ : 52

#### 4.85.21 wdi\_dgovhexp Domestic general government health expenditure (% of GDP)

Domestic general government health expenditure (% of GDP). Public expenditure on health from domestic sources as a share of the economy as measured by GDP.



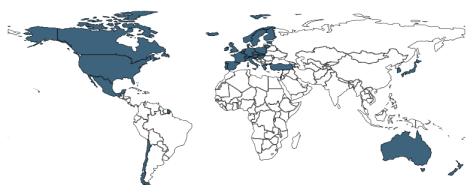
Min. Year:2015 Max. Year: 2016  
N: 36



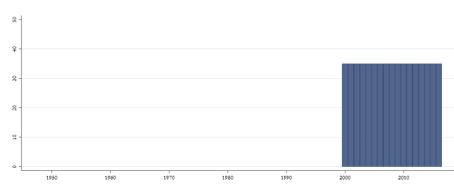
Min. Year:2000 Max. Year: 2016  
N: 36 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.85.22 wdi\_dprivhexp Domestic private health expenditure (% of current health expenditure)

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.



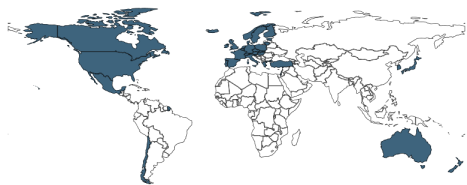
Min. Year:2015 Max. Year: 2016  
N: 36



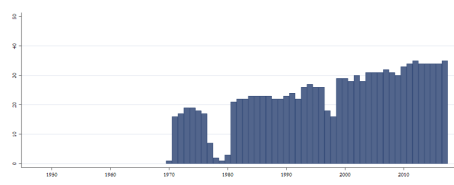
Min. Year:2000 Max. Year: 2016  
N: 36 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.85.23 wdi\_eduprp School enrollment, primary, private (% of total primary)

Percentage of enrollment in primary education in private institutions (%)



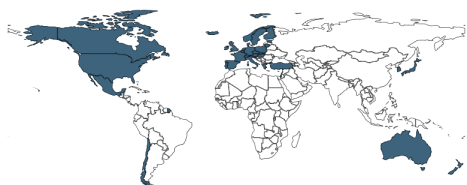
Min. Year:2013 Max. Year: 2018  
N: 36



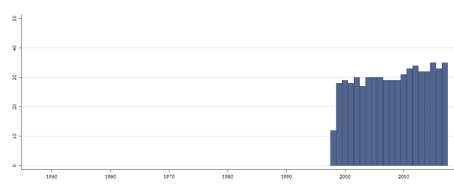
Min. Year:1970 Max. Year: 2017  
N: 36 n: 1154  $\bar{N}$ : 24  $\bar{T}$ : 32

#### 4.85.24 wdi\_eduprs School enrollment, secondary, private (% of total secondary)

Percentage of enrollment in secondary education in private institutions (%)



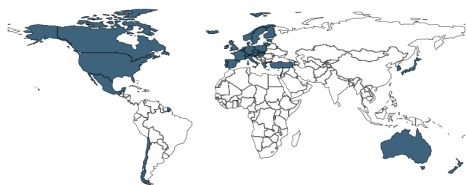
Min. Year:2013 Max. Year: 2018  
N: 36



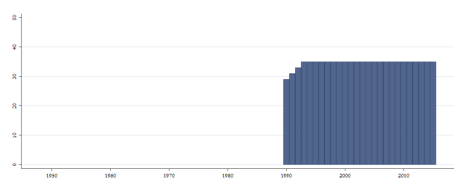
Min. Year:1998 Max. Year: 2017  
N: 36 n: 614  $\bar{N}$ : 31  $\bar{T}$ : 17

#### 4.85.25 wdi\_elerenew Renewable electricity output (% of total electricity output)

Renewable electricity is the share of electricity generated by renewable power plants in total electricity generated by all types of plants.



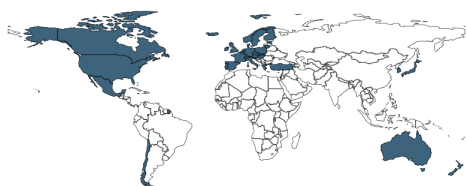
Min. Year:2015 Max. Year: 2015  
N: 36



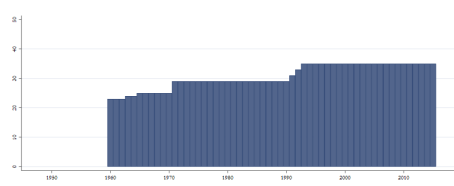
Min. Year:1990 Max. Year: 2015  
N: 36 n: 922  $\bar{N}$ : 35  $\bar{T}$ : 26

#### 4.85.26 wdi\_elprodcoal Electricity production from coal sources (% of total)

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.



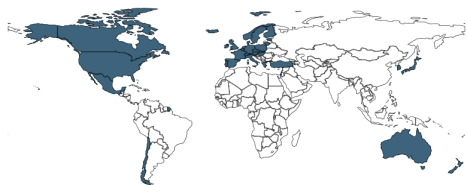
Min. Year:2015 Max. Year: 2015  
N: 36



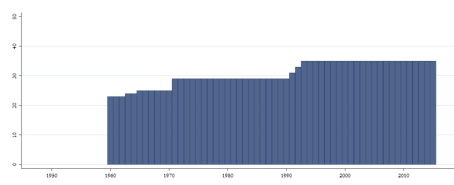
Min. Year:1960 Max. Year: 2015  
N: 36 n: 1740  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.85.27 wdi\_elprodgas Electricity production from natural gas sources (% of total)

Sources of electricity refer to the inputs used to generate electricity. Gas refers to natural gas but excludes natural gas liquids.



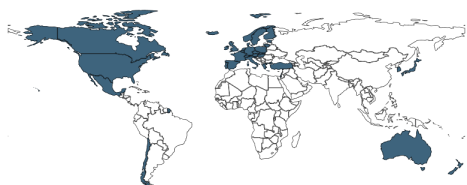
Min. Year:2015 Max. Year: 2015  
N: 36



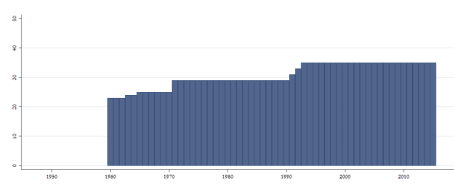
Min. Year:1960 Max. Year: 2015  
N: 36 n: 1740  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.85.28 wdi\_elprodhhd Electricity production from hydroelectric sources (% of total)

Sources of electricity refer to the inputs used to generate electricity. Hydropower refers to electricity produced by hydroelectric power plants.



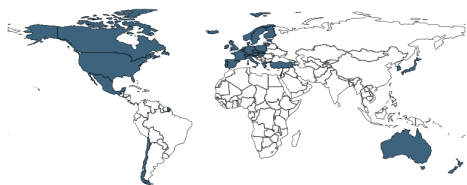
Min. Year:2015 Max. Year: 2015  
N: 36



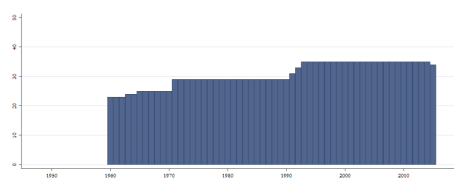
Min. Year:1960 Max. Year: 2015  
N: 36 n: 1740  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.85.29 wdi\_elprodnuc Electricity production from nuclear sources (% of total)

Sources of electricity refer to the inputs used to generate electricity. Nuclear power refers to electricity produced by nuclear power plants.



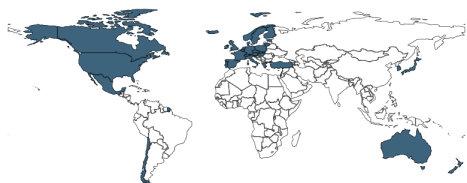
Min. Year:2014 Max. Year: 2015  
N: 36



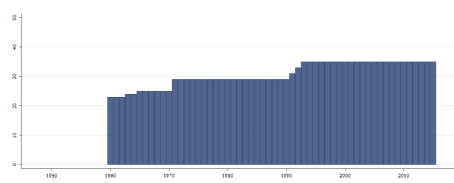
Min. Year:1960 Max. Year: 2015  
N: 36 n: 1738  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.85.30 wdi\_elprodoil Electricity production from oil sources (% of total)

Sources of electricity refer to the inputs used to generate electricity. Oil refers to crude oil and petroleum products.



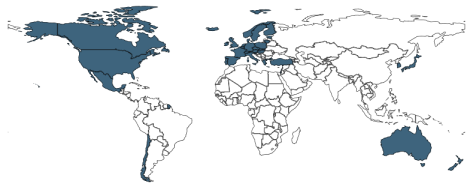
Min. Year:2015 Max. Year: 2015  
N: 36



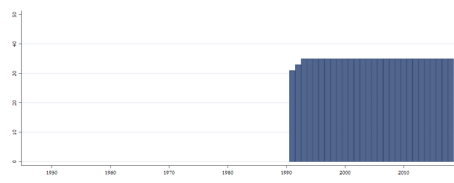
Min. Year:1960 Max. Year: 2015  
N: 36 n: 1740  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.85.31 wdi\_emp Employers, total (% of total employment) (modeled ILO)

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.



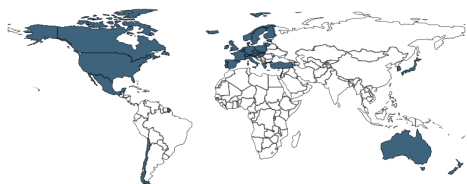
Min. Year:2016 Max. Year: 2016  
N: 36



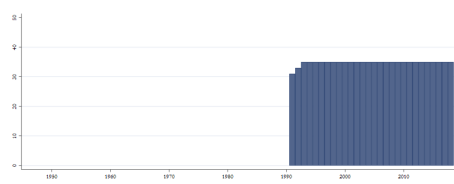
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.32 wdi\_empagr Employment in agriculture (% of total employment) (modeled ILO)

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.



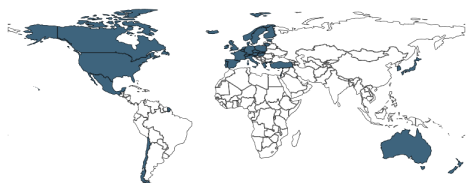
Min. Year:2016 Max. Year: 2016  
N: 36



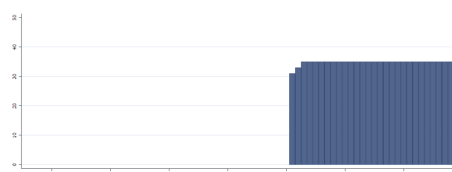
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.33 wdi\_empagrff Employment in agriculture, female (% female employment) (modeled ILO)

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.



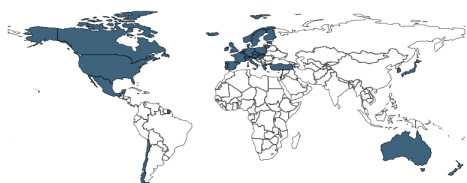
Min. Year:2016 Max. Year: 2016  
N: 36



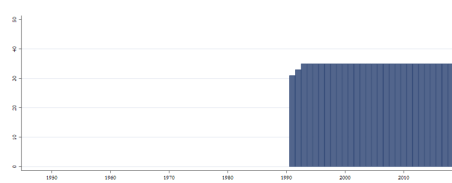
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.34 wdi\_empagrm Employment in agriculture, male (% male employment) (modeled ILO)

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.



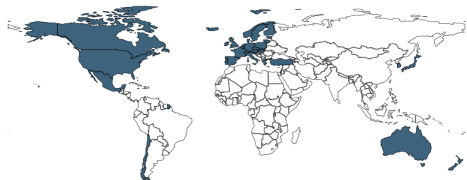
Min. Year:2016 Max. Year: 2016  
N: 36



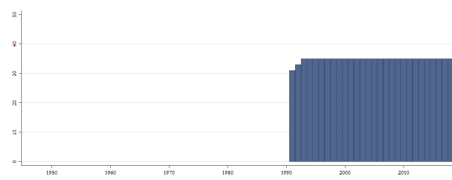
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.35 wdi\_empf Employers, female (% of female employment) (modeled ILO)

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:2016 Max. Year: 2016  
N: 36



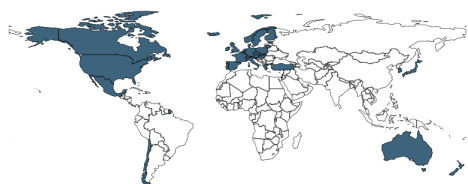
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.36 wdi\_empind Employment in industry (% of total employment) (modeled ILO)

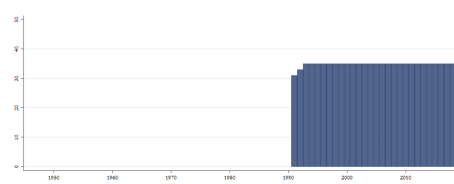
Employment in industry as a percentage of all employment. Employment is defined as persons of working age who were engaged in any activity to produce goods or provide services for pay or profit,



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.



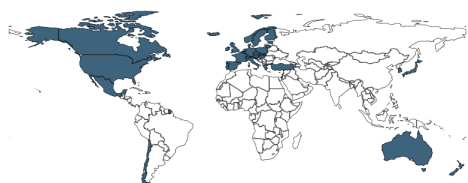
Min. Year:2016 Max. Year: 2016  
N: 36



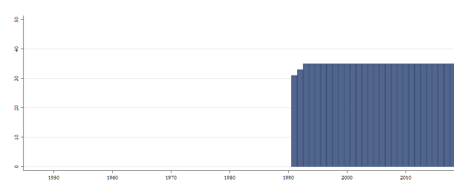
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.37 wdi\_empindf Employment in industry, female (% female employment) (modeled ILO)

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.



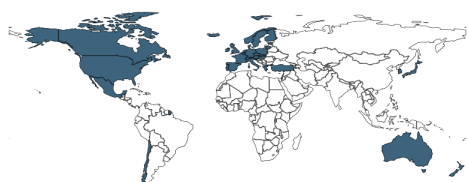
Min. Year:2016 Max. Year: 2016  
N: 36



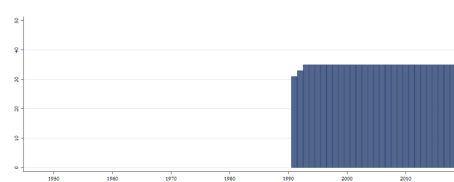
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.38 wdi\_empindm Employment in industry, male (% of male employment) (modeled ILO)

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.



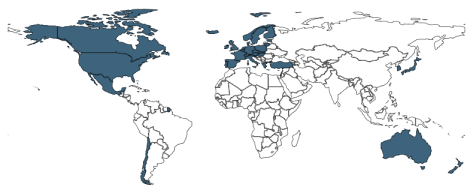
Min. Year:2016 Max. Year: 2016  
N: 36



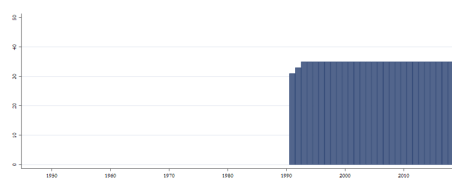
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.39 wdi\_empm Employers, male (% of male employment) (modeled ILO)

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.



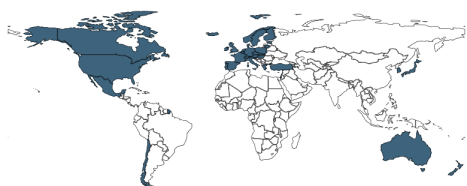
Min. Year:2016 Max. Year: 2016  
N: 36



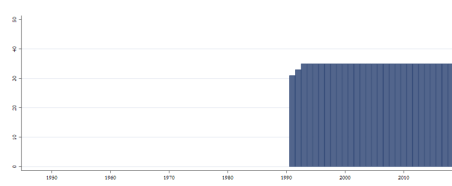
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.40 wdi\_empprfile Employment to population ratio, 15+, female (%) (modeled ILO)

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.



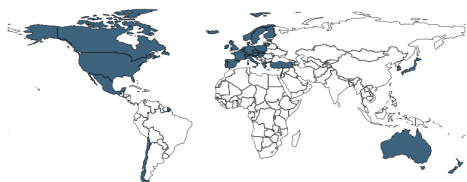
Min. Year:2016 Max. Year: 2016  
N: 36



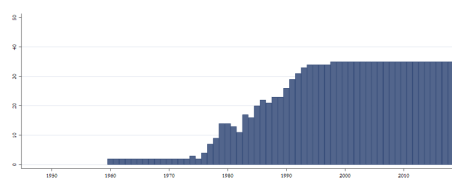
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.41 wdi\_empprfne Employment to population ratio, 15+, female (%) (national est.)

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.



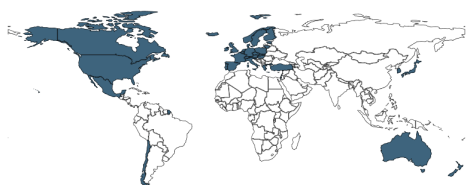
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N: 36



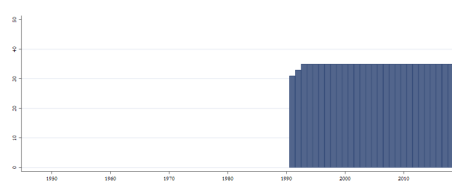
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1258  $\bar{N}$ : 21  $\bar{T}$ : 35

#### 4.85.42 wdi\_empprilo Employment to population ratio, 15+, total (%) (modeled ILO)

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.



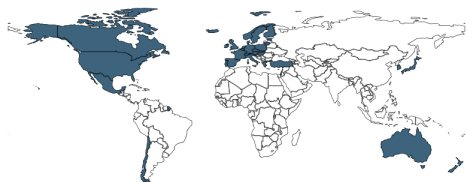
Min. Year:2016 Max. Year: 2016  
N: 36



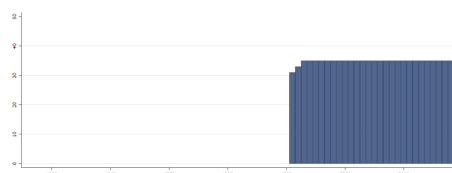
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.43 wdi\_empprmilo Employment to population ratio, 15+, male (%) (modeled ILO)

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.



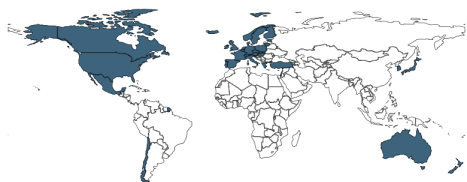
Min. Year:2016 Max. Year: 2016  
N: 36



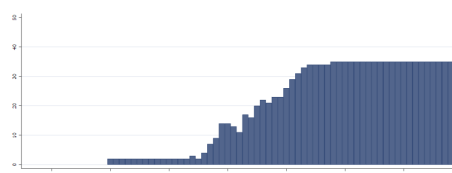
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.44 wdi\_empprmne Employment to population ratio, 15+, male (%) (national est.)

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.



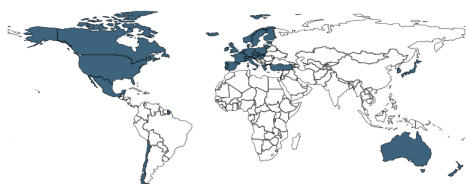
Min. Year:2013 Max. Year: 2018  
N: 36



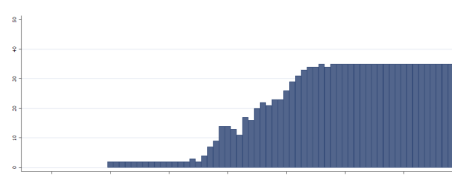
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1258  $\bar{N}$ : 21  $\bar{T}$ : 35

#### 4.85.45 wdi\_empprne Employment to population ratio, 15+, total (%) (national est.)

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.



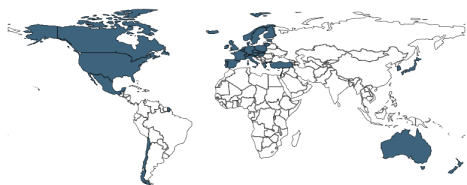
Min. Year:2013 Max. Year: 2018  
N: 36



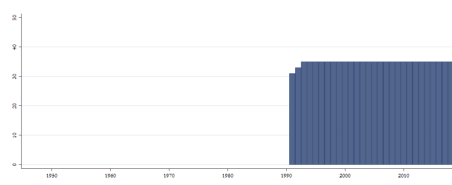
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1259  $\bar{N}$ : 21  $\bar{T}$ : 35

#### 4.85.46 wdi\_emppryfilo Employment to population ratio, ages 15-24, female % (modeled ILO)

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.



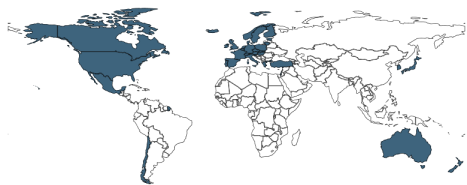
Min. Year:2016 Max. Year: 2016  
N: 36



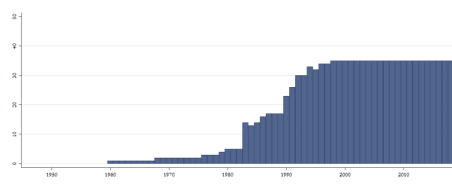
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.47 wdi\_emppryfne Employment to population ratio, ages 15-24, female % (national est.)

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.



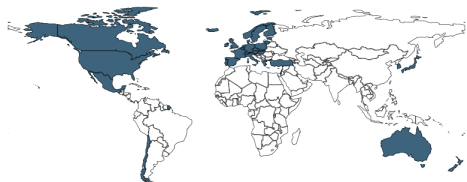
Min. Year:2013 Max. Year: 2018  
N: 36



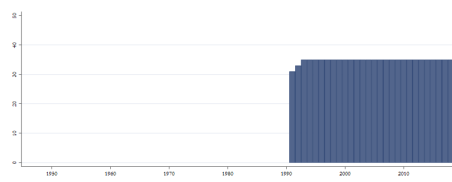
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1158  $\bar{N}$ : 20  $\bar{T}$ : 32

#### 4.85.48 wdi\_emppryilo Employment to population ratio, ages 15-24, total % (modeled ILO)

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.



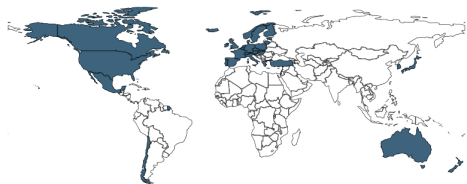
Min. Year:2016 Max. Year: 2016  
N: 36



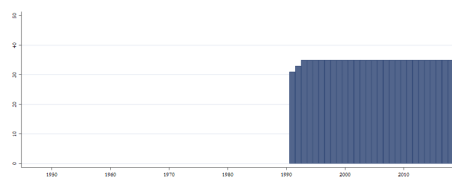
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.49 wdi\_empprymilo Employment to population ratio, ages 15-24, male % (modeled ILO)

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.



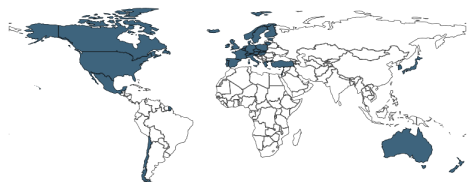
Min. Year:2016 Max. Year: 2016  
N: 36



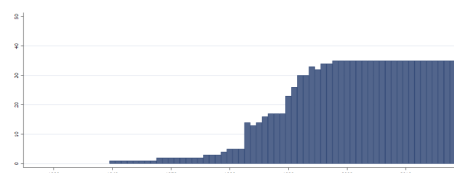
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.50 wdi\_empprymne Employment to population ratio, ages 15-24, male % (national est.)

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.



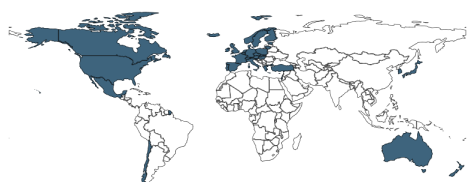
Min. Year:2013 Max. Year: 2018  
N: 36



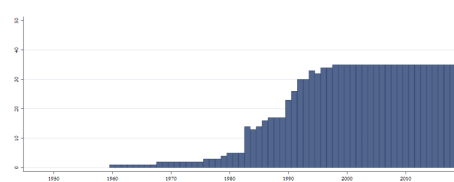
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1158  $\bar{N}$ : 20  $\bar{T}$ : 32

#### 4.85.51 wdi\_emppryne Employment to population ratio, ages 15-24, total % (national est.)

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.



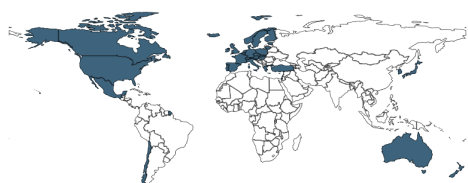
Min. Year:2013 Max. Year: 2018  
N: 36



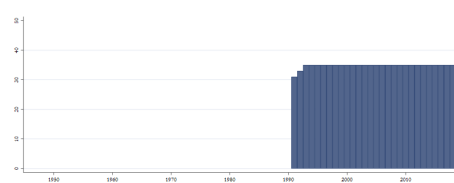
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1158  $\bar{N}$ : 20  $\bar{T}$ : 32

#### 4.85.52 wdi\_empser Employment in services (% of total employment) (modeled ILO)

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:2016 Max. Year: 2016  
N: 36

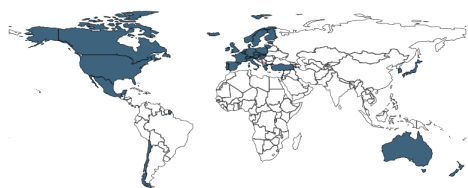


Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

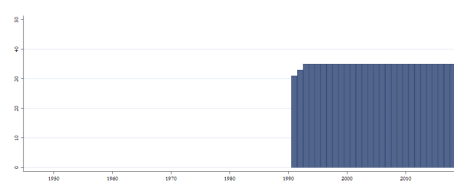
#### 4.85.53 wdi\_empserf Employment in services, female (% of female employment) (modeled ILO)

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.



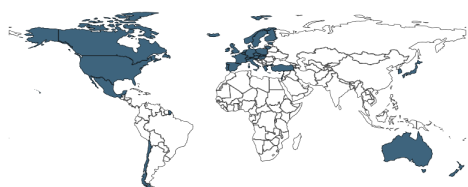
Min. Year:2016 Max. Year: 2016  
N: 36



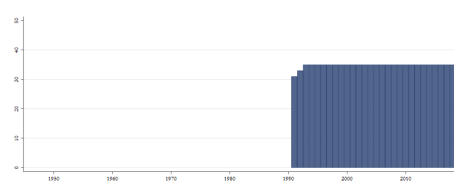
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.54 wdi\_empserm Employment in services, male (% of male employment) (modeled ILO)

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.



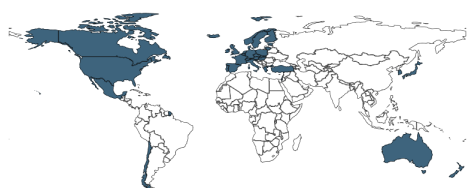
Min. Year:2016 Max. Year: 2016  
N: 36



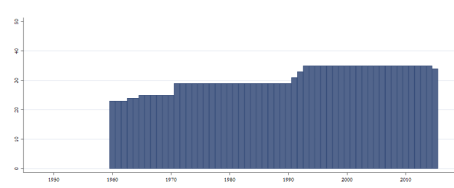
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.55 wdi\_eneimp Energy imports, net (% of energy use)

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.



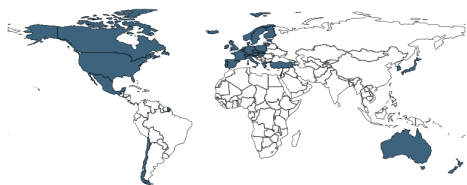
Min. Year:2013 Max. Year: 2015  
N: 36



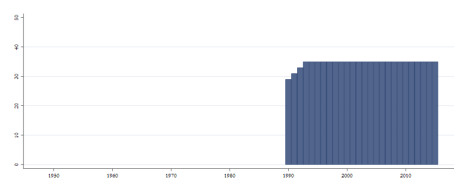
Min. Year:1960 Max. Year: 2015  
N: 36 n: 1738  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.85.56 wdi\_enerenew Renewable energy consumption (% of total final energy consumption)

Renewable energy consumption is the share of renewables energy in total final energy consumption.



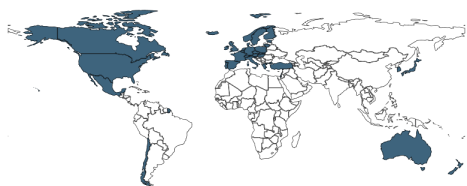
Min. Year:2015 Max. Year: 2015  
N: 36



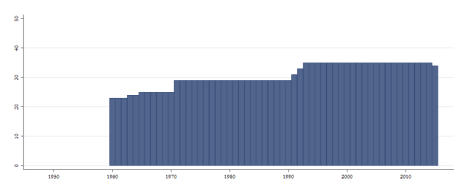
Min. Year:1990 Max. Year: 2015  
N: 36 n: 922  $\bar{N}$ : 35  $\bar{T}$ : 26

#### 4.85.57 wdi\_eneuse Energy use (kg of oil equivalent per capita)

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.



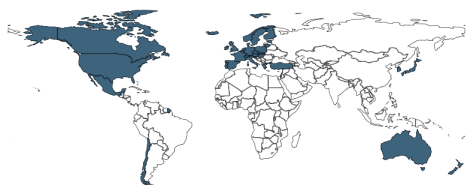
Min. Year:2013 Max. Year: 2016  
N: 36



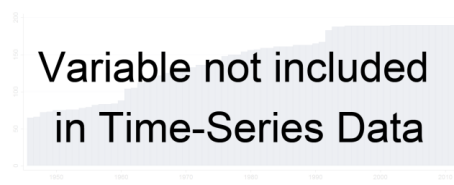
Min. Year:1960 Max. Year: 2015  
N: 36 n: 1738  $\bar{N}$ : 31  $\bar{T}$ : 48

#### 4.85.58 wdi\_eodb Ease of doing business index (1=most business-friendly regulations)

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:2018 Max. Year: 2018  
N: 36

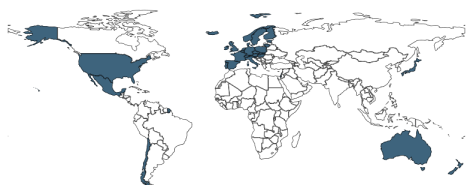


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

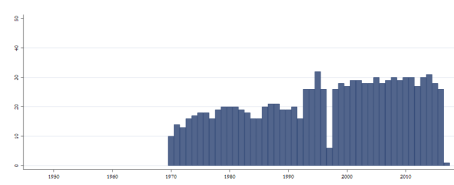
#### 4.85.59 wdi\_expedu Government expenditure on education, total (% of GDP)

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.



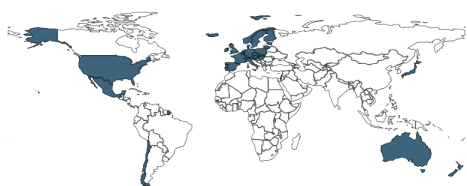
Min. Year:2013 Max. Year: 2018  
N: 32



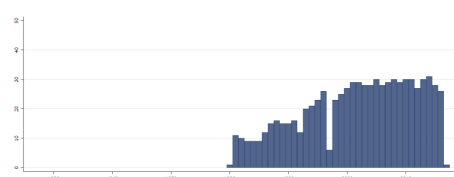
Min. Year:1970 Max. Year: 2017  
N: 36 n: 1086  $\bar{N}$ : 23  $\bar{T}$ : 30

#### 4.85.60 wdi\_expedu Government expenditure on education, total (% of government expenditure)

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: 2013 Max. Year: 2018  
N: 32



Min. Year: 1980 Max. Year: 2017  
N: 35 n: 802  $\bar{N}$ : 21  $\bar{T}$ : 23

#### 4.85.61 wdi\_expedu Primary expenditure on primary education (% of government expenditure on edu.)

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: 2013 Max. Year: 2018  
N: 32

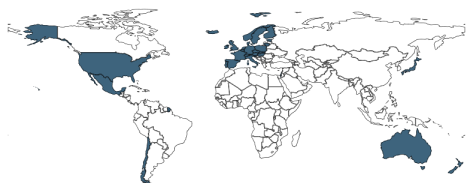


Min. Year: 1970 Max. Year: 2017  
N: 35 n: 949  $\bar{N}$ : 20  $\bar{T}$ : 27

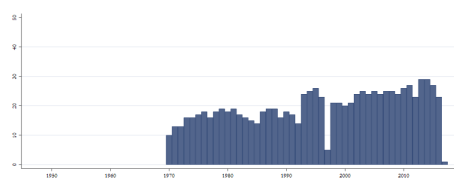
#### 4.85.62 wdi\_expedu Secondary expenditure on secondary education (% of government expenditure on edu.)

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/>





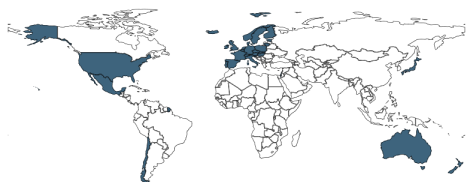
Min. Year:2013 Max. Year: 2018  
N: 32



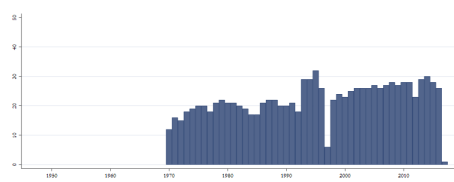
Min. Year:1970 Max. Year: 2017  
N: 36 n: 962  $\bar{N}$ : 20  $\bar{T}$ : 27

#### 4.85.63 wdi\_expedut Expenditure on tertiary education (% of government expenditure on edu.)

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/>



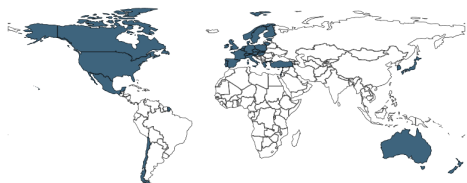
Min. Year:2013 Max. Year: 2018  
N: 32



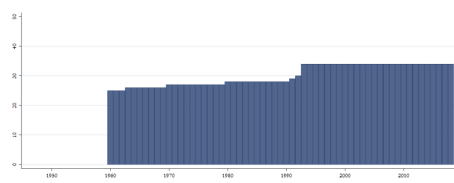
Min. Year:1970 Max. Year: 2017  
N: 36 n: 1082  $\bar{N}$ : 23  $\bar{T}$ : 30

#### 4.85.64 wdi\_expml Military expenditure (% of GDP)

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).



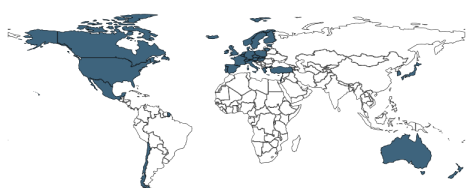
Min. Year:2013 Max. Year: 2018  
N: 35



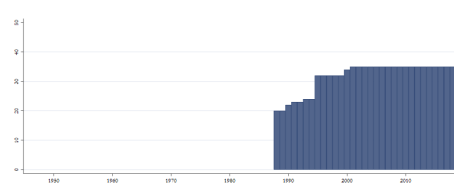
Min. Year:1960 Max. Year: 2018  
N: 35 n: 1804  $\bar{N}$ : 31  $\bar{T}$ : 52

#### 4.85.65 wdi\_expmlge Military expenditure (% of general government expenditure)

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.)



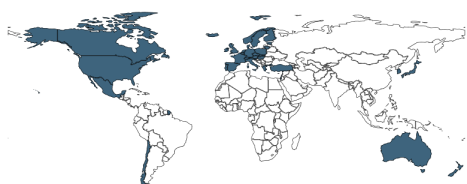
Min. Year: 2013 Max. Year: 2017  
N: 36



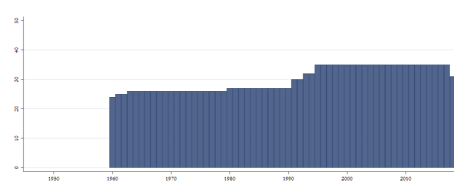
Min. Year: 1988 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 32  $\bar{T}$ : 28

#### 4.85.66 wdi\_export Exports of goods and services (% of GDP)

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.



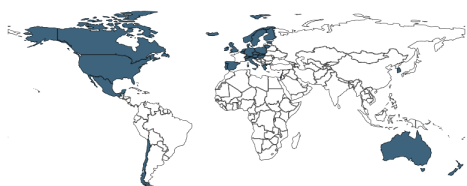
Min. Year: 2014 Max. Year: 2016  
N: 36



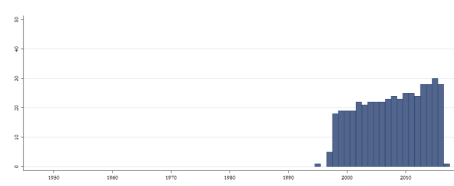
Min. Year: 1960 Max. Year: 2018  
N: 36 n: 1797  $\bar{N}$ : 30  $\bar{T}$ : 50

#### 4.85.67 wdi\_expstup Government expenditure per student, primary (% of GDP per capita)

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.



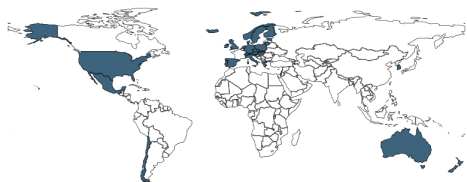
Min. Year: 2013 Max. Year: 2018  
N: 33



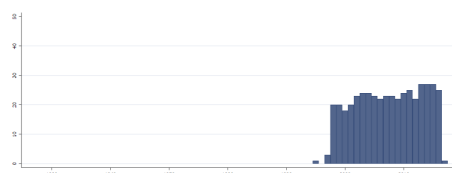
Min. Year: 1995 Max. Year: 2017  
N: 35 n: 467  $\bar{N}$ : 20  $\bar{T}$ : 13

#### 4.85.68 wdi\_expstus Government expenditure per student, secondary (% of GDP per capita)

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.



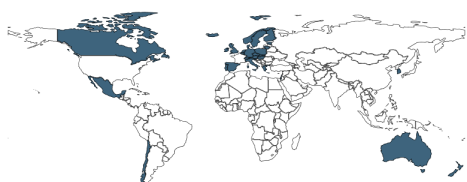
Min. Year:2013 Max. Year: 2018  
N: 31



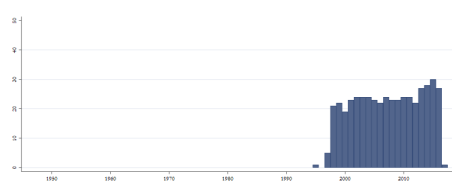
Min. Year:1995 Max. Year: 2017  
N: 34 n: 463  $\bar{N}$ : 20  $\bar{T}$ : 14

#### 4.85.69 wdi\_expstut Government expenditure per student, tertiary (% of GDP per capita)

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.



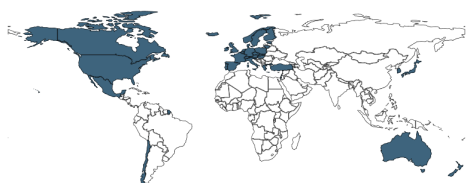
Min. Year:2013 Max. Year: 2018  
N: 32



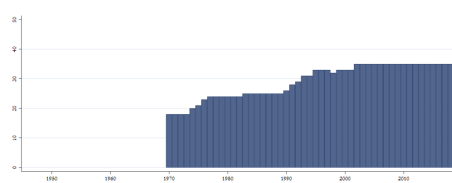
Min. Year:1995 Max. Year: 2017  
N: 35 n: 480  $\bar{N}$ : 21  $\bar{T}$ : 14

#### 4.85.70 wdi\_fdiin Foreign direct investment, net inflows (% of GDP)

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.



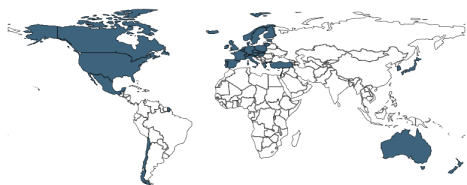
Min. Year:2014 Max. Year: 2016  
N: 36



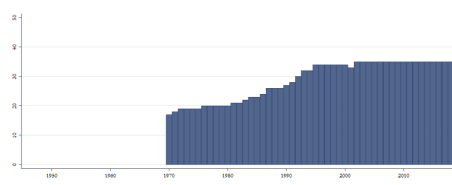
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1449  $\bar{N}$ : 30  $\bar{T}$ : 40

#### 4.85.71 wdi\_fdiout Foreign direct investment, net outflows (% of GDP)

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.



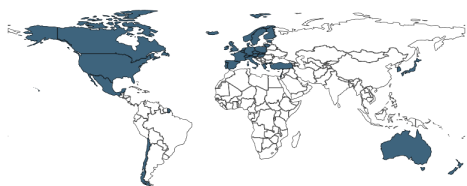
Min. Year:2014 Max. Year: 2018  
N: 36



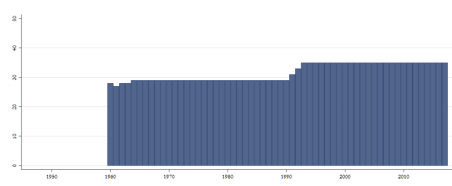
Min. Year:1970 Max. Year: 2018  
N: 36 n: 1428  $\bar{N}$ : 29  $\bar{T}$ : 40

#### 4.85.72 wdi\_fertility Fertility rate, total (births per woman)

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.



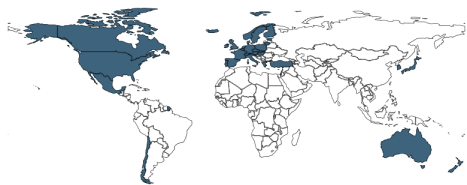
Min. Year:2015 Max. Year: 2016  
N: 36



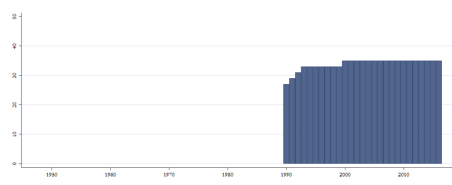
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1859  $\bar{N}$ : 32  $\bar{T}$ : 52

#### 4.85.73 wdi\_forest Forest area (% of land area)

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.



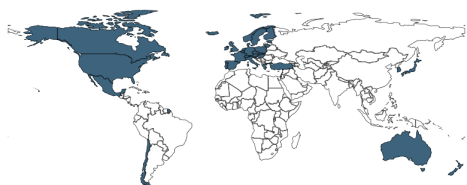
Min. Year:2016 Max. Year: 2016  
N: 36



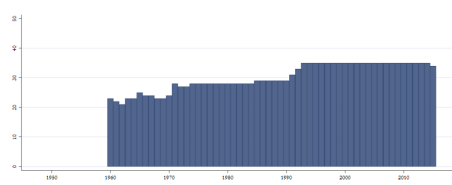
Min. Year:1990 Max. Year: 2016  
N: 36 n: 938  $\bar{N}$ : 35  $\bar{T}$ : 26

#### 4.85.74 wdi\_fossil Fossil fuel energy consumption (% of total)

Fossil fuel comprises coal, oil, petroleum, and natural gas products.



Min. Year:2013 Max. Year: 2015  
N: 36

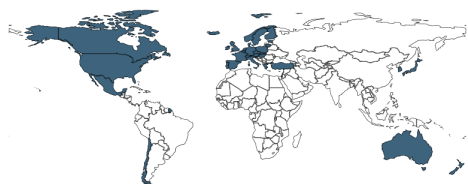


Min. Year:1960 Max. Year: 2015  
N: 36 n: 1710  $\bar{N}$ : 31  $\bar{T}$ : 48

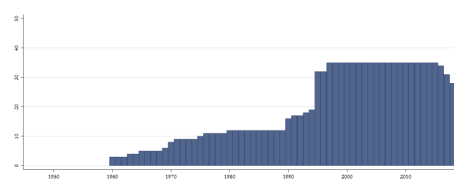
#### 4.85.75 wdi\_gdpagr Agriculture, forestry, and fishing, value added (% of GDP)

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.



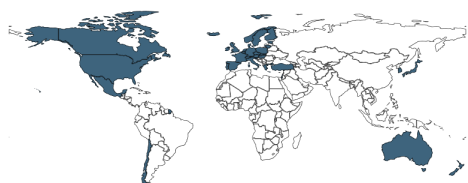
Min. Year:2014 Max. Year: 2016  
N: 36



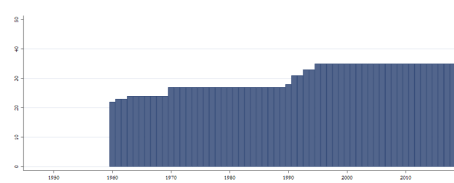
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1194  $\bar{N}$ : 20  $\bar{T}$ : 33

#### 4.85.76 wdi\_gdpcapcon2010 GDP per capita (constant 2010 US dollar)

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.



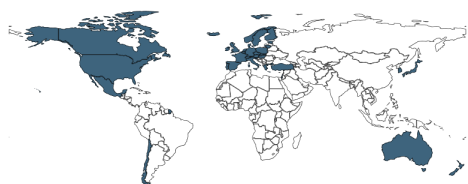
Min. Year:2014 Max. Year: 2016  
N: 36



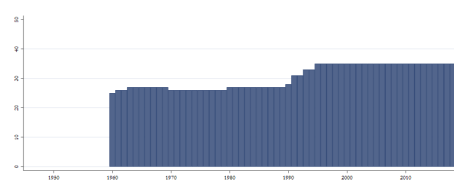
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1797  $\bar{N}$ : 30  $\bar{T}$ : 50

#### 4.85.77 wdi\_gdpcapcur GDP per capita (current US dollar)

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.



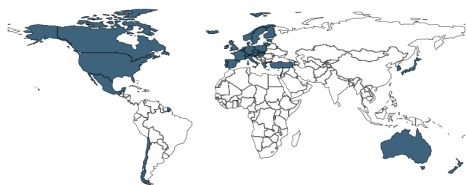
Min. Year:2014 Max. Year: 2016  
N: 36



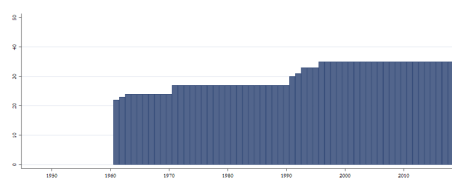
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1816  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.85.78 wdi\_gdpcapgr GDP per capita growth (annual %)

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.



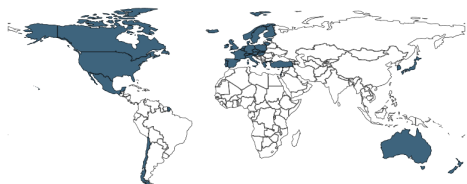
Min. Year:2014 Max. Year: 2016  
N: 36



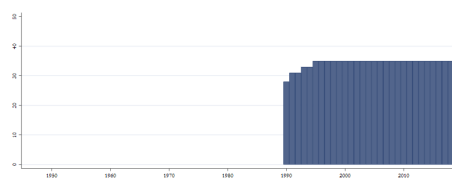
Min. Year:1961 Max. Year: 2018  
N: 36 n: 1766  $\bar{N}$ : 30  $\bar{T}$ : 49

#### 4.85.79 wdi\_gdpcapppcon2011 GDP per capita, PPP (constant 2011 international dollar)

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 2011 international dollars.



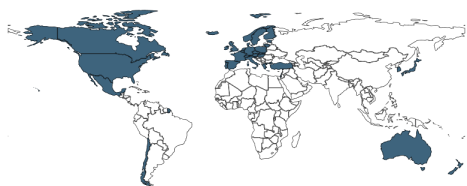
Min. Year:2014 Max. Year: 2016  
N: 36



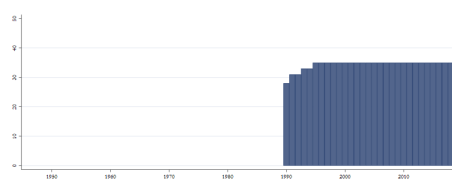
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1021  $\bar{N}$ : 35  $\bar{T}$ : 28

#### 4.85.80 wdi\_gdpcappppcur GDP per capita, PPP (current international dollar)

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.



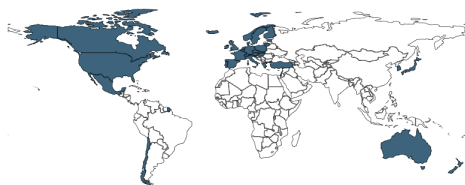
Min. Year:2014 Max. Year: 2016  
N: 36



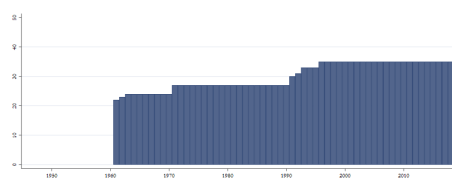
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1021  $\bar{N}$ : 35  $\bar{T}$ : 28

#### 4.85.81 wdi\_gdpgr GDP growth (annual %)

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.



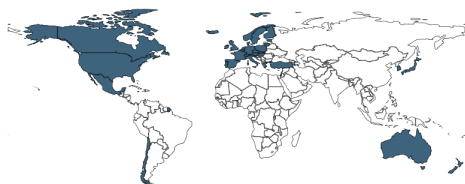
Min. Year:2014 Max. Year: 2016  
N: 36



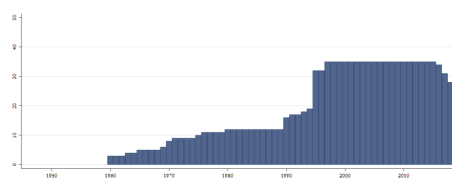
Min. Year:1961 Max. Year: 2018  
N: 36 n: 1766  $\bar{N}$ : 30  $\bar{T}$ : 49

#### 4.85.82 wdi\_gdpind Industry (including construction), value added (% of GDP)

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.



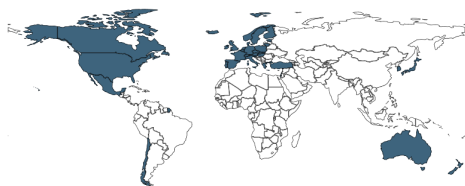
Min. Year:2014 Max. Year: 2016  
N: 36



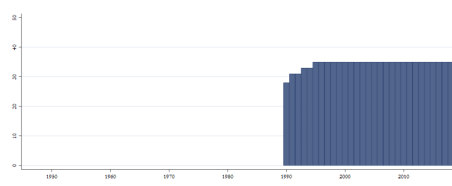
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1194  $\bar{N}$ : 20  $\bar{T}$ : 33

#### 4.85.83 wdi\_gdppppcon2011 GDP, PPP (constant 2011 international dollar)

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 2011 international dollars.



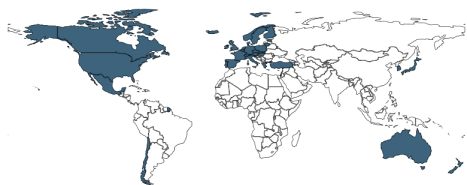
Min. Year:2014 Max. Year: 2016  
N: 36



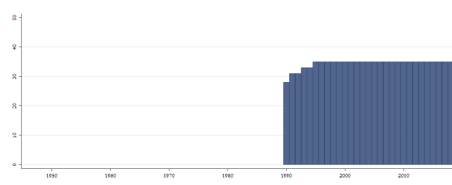
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1021  $\bar{N}$ : 35  $\bar{T}$ : 28

#### 4.85.84 wdi\_gdppppcur GDP, PPP (current international dollar)

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).



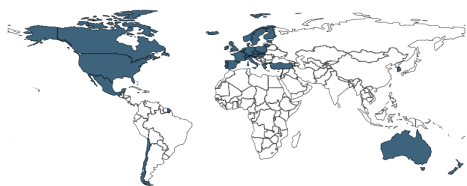
Min. Year:2014 Max. Year: 2016  
N: 36



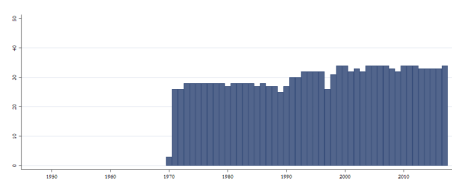
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1021  $\bar{N}$ : 35  $\bar{T}$ : 28

#### 4.85.85 wdi\_gerp School enrollment, primary (% gross)

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.



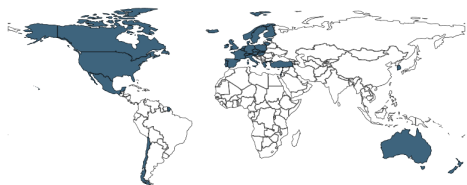
Min. Year:2013 Max. Year: 2018  
N: 35



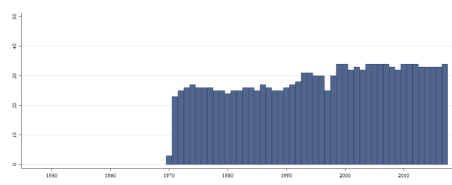
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1456  $\bar{N}$ : 30  $\bar{T}$ : 42

#### 4.85.86 wdi\_gerpf School enrollment, primary, female (% gross)

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.



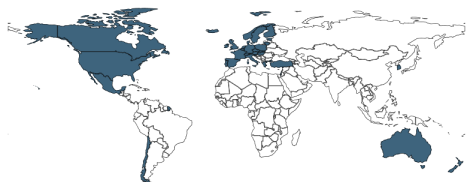
Min. Year:2013 Max. Year: 2018  
N: 35



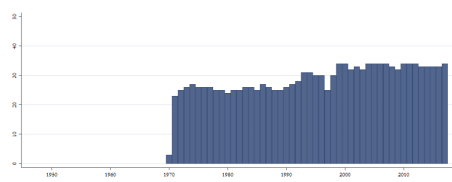
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1404  $\bar{N}$ : 29  $\bar{T}$ : 40

#### 4.85.87 wdi\_gerpm School enrollment, primary, male (% gross)

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:2013 Max. Year: 2018  
N: 35

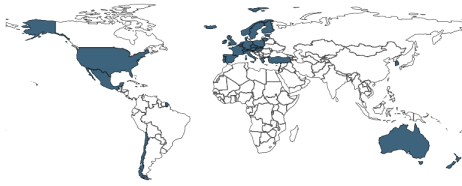


Min. Year:1970 Max. Year: 2017  
N: 35 n: 1404  $\bar{N}$ : 29  $\bar{T}$ : 40

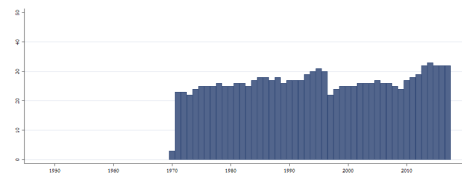
#### 4.85.88 wdi\_gerpp School enrollment, preprimary (% gross)

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.





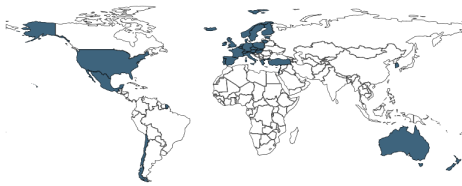
Min. Year:2013 Max. Year: 2018  
N: 34



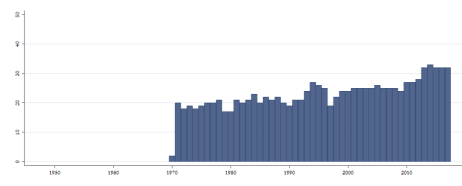
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1286  $\bar{N}$ : 27  $\bar{T}$ : 37

#### 4.85.89 wdi\_gerppf School enrollment, preprimary, female (% gross)

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.



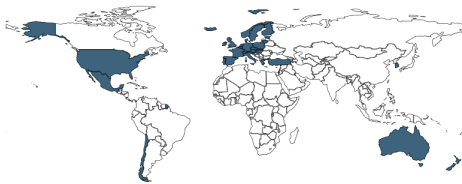
Min. Year:2013 Max. Year: 2018  
N: 34



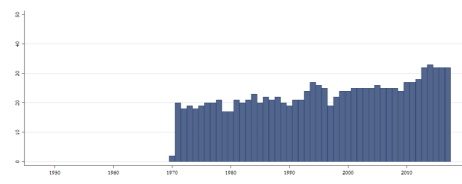
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1127  $\bar{N}$ : 23  $\bar{T}$ : 32

#### 4.85.90 wdi\_gerppm School enrollment, preprimary, male (% gross)

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.



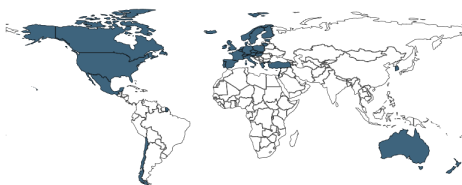
Min. Year:2013 Max. Year: 2018  
N: 34



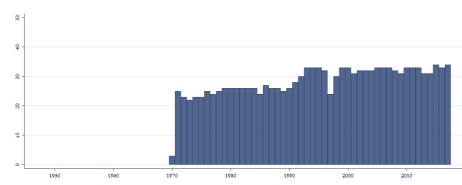
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1127  $\bar{N}$ : 23  $\bar{T}$ : 32

#### 4.85.91 wdi\_gers School enrollment, secondary (% gross)

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:2013 Max. Year: 2018  
N: 35

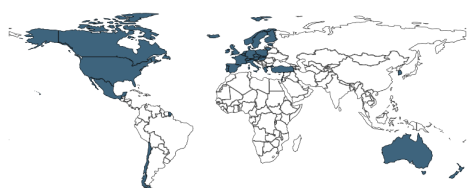


Min. Year:1970 Max. Year: 2017  
N: 35 n: 1389  $\bar{N}$ : 29  $\bar{T}$ : 40

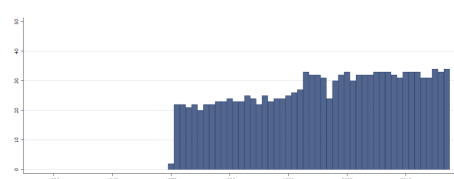
#### 4.85.92 wdi\_gersf School enrollment, secondary, female (% gross)

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.



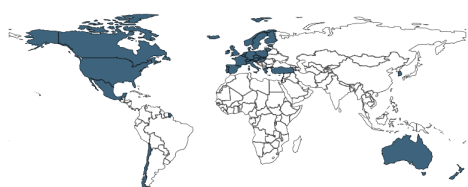
Min. Year:2013 Max. Year: 2018  
N: 35



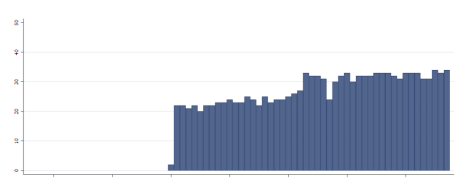
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1337  $\bar{N}$ : 28  $\bar{T}$ : 38

#### 4.85.93 wdi\_gersm School enrollment, secondary, male (% gross)

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.



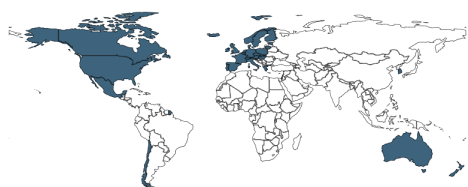
Min. Year:2013 Max. Year: 2018  
N: 35



Min. Year:1970 Max. Year: 2017  
N: 35 n: 1337  $\bar{N}$ : 28  $\bar{T}$ : 38

#### 4.85.94 wdi\_gert School enrollment, tertiary (% gross)

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.



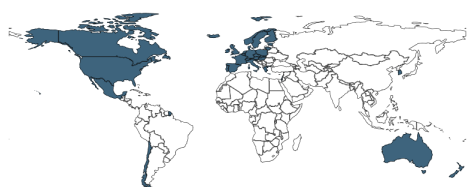
Min. Year:2013 Max. Year: 2018  
N: 34



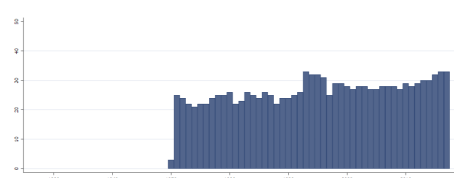
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1360  $\bar{N}$ : 28  $\bar{T}$ : 39

#### 4.85.95 wdi\_gertf School enrollment, tertiary, female (% gross)

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:2013 Max. Year: 2018  
N: 34

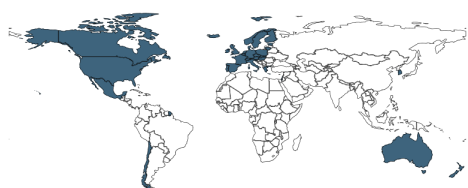


Min. Year:1970 Max. Year: 2017  
N: 35 n: 1284  $\bar{N}$ : 27  $\bar{T}$ : 37

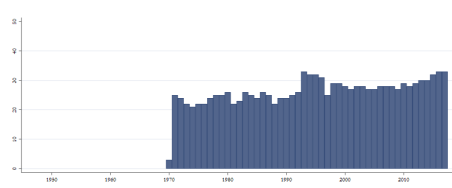
#### 4.85.96 wdi\_gertm School enrollment, tertiary, male (% gross)

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.



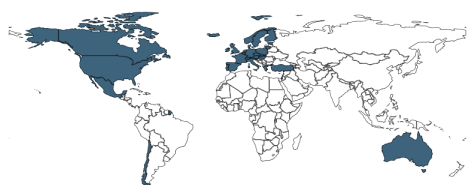
Min. Year:2013 Max. Year: 2018  
N: 34



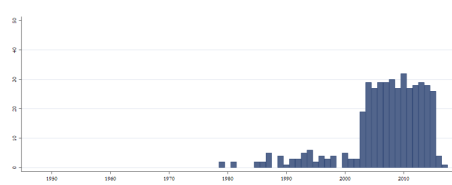
Min. Year:1970 Max. Year: 2017  
N: 35 n: 1284  $\bar{N}$ : 27  $\bar{T}$ : 37

#### 4.85.97 wdi\_gini GINI index (World Bank estimate)

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.



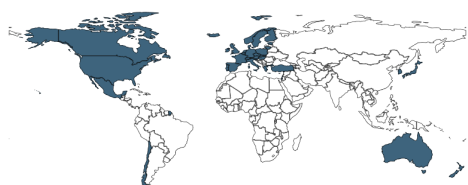
Min. Year:2013 Max. Year: 2017  
N: 33



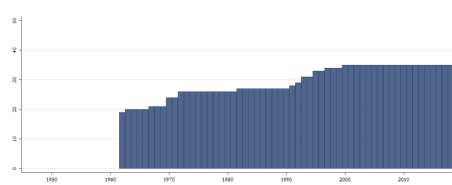
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.98 wdi\_gnialcur GNI, Atlas method (current US dollar)

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: 2016  
N: 36

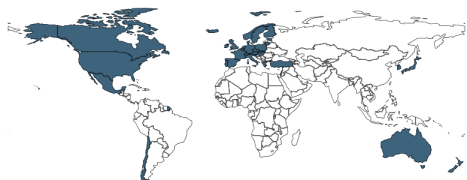


Min. Year:1962 Max. Year: 2018  
N: 36 n: 1687  $\bar{N}$ : 30  $\bar{T}$ : 47

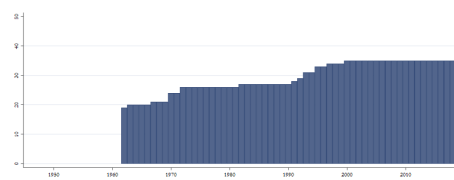
#### 4.85.99 wdi\_gnicapatlcur GNI per capita, Atlas method (current US dollar)

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.



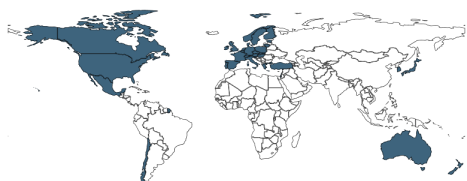
Min. Year:2014 Max. Year: 2016  
N: 36



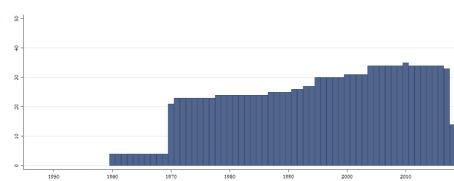
Min. Year:1962 Max. Year: 2018  
N: 36 n: 1687  $\bar{N}$ : 30  $\bar{T}$ : 47

#### 4.85.100 wdi\_gnicapcon2010 GNI per capita (constant 2010 US dollar)

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.



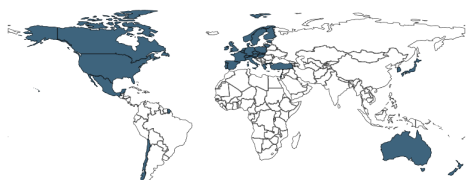
Min. Year:2013 Max. Year: 2016  
N: 35



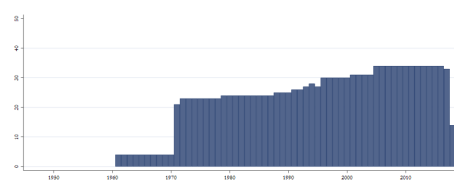
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1431  $\bar{N}$ : 24  $\bar{T}$ : 40

#### 4.85.101 wdi\_gnicapgr GNI per capita growth (annual %)

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:2013 Max. Year: 2016  
N: 35

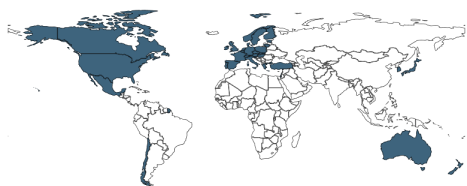


Min. Year:1961 Max. Year: 2018  
N: 35 n: 1398  $\bar{N}$ : 24  $\bar{T}$ : 40

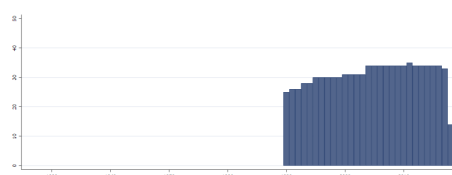
#### 4.85.102 wdi\_gnicappppcon2011 GNI per capita, PPP (constant 2011 international dollar)

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 2011 international dollars.



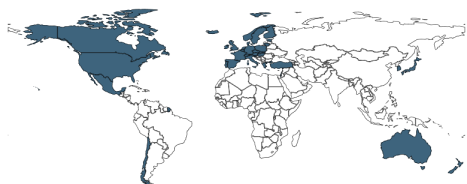
**Min. Year:2013 Max. Year: 2016**  
**N: 35**



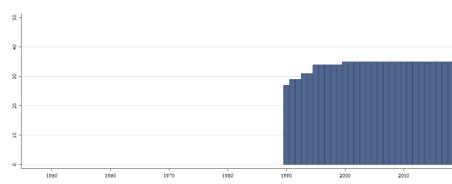
**Min. Year:1990 Max. Year: 2018**  
**N: 36 n: 920  $\bar{N}$ : 32  $\bar{T}$ : 26**

#### 4.85.103 wdi\_gnicpppcur GNI per capita, PPP (current international dollar)

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.



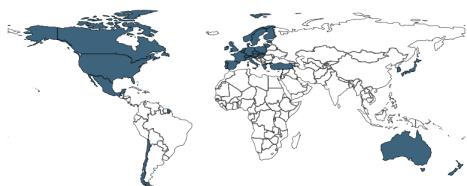
**Min. Year:2014 Max. Year: 2016**  
**N: 36**



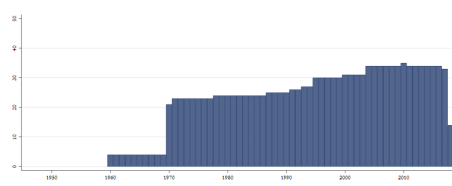
**Min. Year:1990 Max. Year: 2018**  
**N: 36 n: 1006  $\bar{N}$ : 35  $\bar{T}$ : 28**

#### 4.85.104 wdi\_gnicon2010 GNI (constant 2010 US dollar)

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.



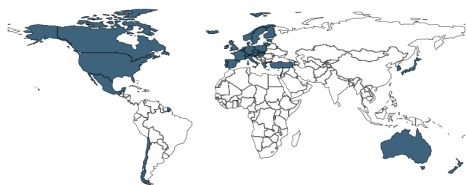
**Min. Year:2013 Max. Year: 2016**  
**N: 35**



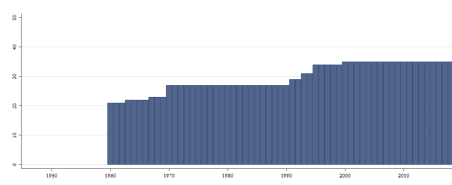
**Min. Year:1960 Max. Year: 2018**  
**N: 36 n: 1431  $\bar{N}$ : 24  $\bar{T}$ : 40**

#### 4.85.105 wdi\_gnicur GNI (current US dollar)

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.



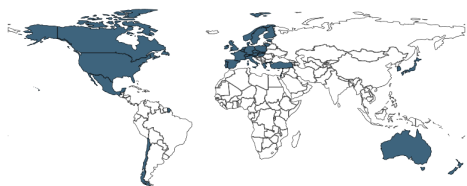
**Min. Year:**2014 **Max. Year:** 2016  
**N:** 36



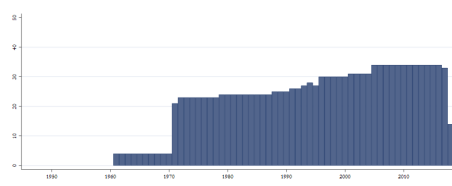
**Min. Year:**1960 **Max. Year:** 2018  
**N:** 36 **n:** 1766  $\bar{N}$ : 30  $\bar{T}$ : 49

#### 4.85.106 wdi\_gnigr GNI growth (annual %)

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.



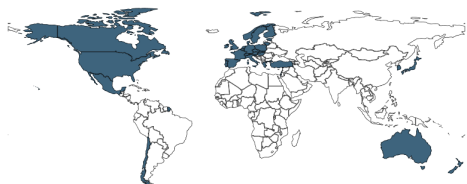
**Min. Year:**2013 **Max. Year:** 2016  
**N:** 35



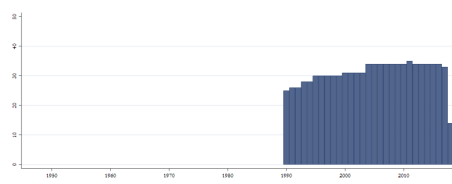
**Min. Year:**1961 **Max. Year:** 2018  
**N:** 35 **n:** 1398  $\bar{N}$ : 24  $\bar{T}$ : 40

#### 4.85.107 wdi\_gnippcon2011 GNI, PPP (constant 2011 international dollar)

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 2011 international dollars.



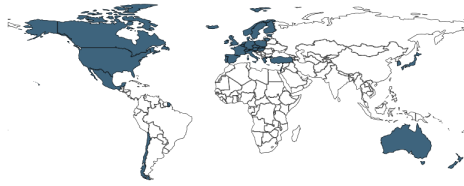
**Min. Year:**2013 **Max. Year:** 2016  
**N:** 35



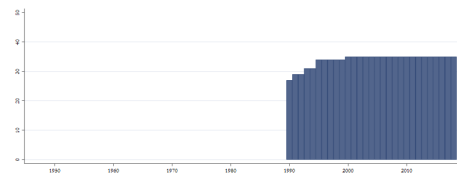
**Min. Year:**1990 **Max. Year:** 2018  
**N:** 36 **n:** 920  $\bar{N}$ : 32  $\bar{T}$ : 26

#### 4.85.108 wdi\_gnippcur GNI, PPP (current international dollar)

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).



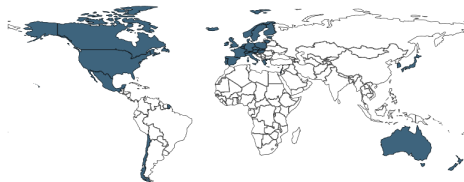
Min. Year:2014 Max. Year: 2016  
N: 36



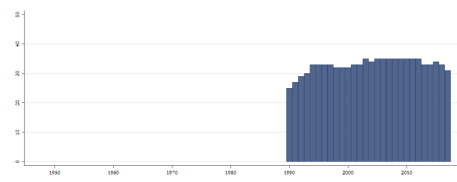
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1006  $\bar{N}$ : 35  $\bar{T}$ : 28

#### 4.85.109 wdi\_homicides Intentional homicides (per 100,000 people)

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.



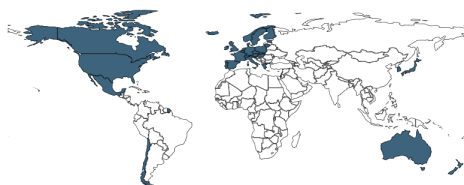
Min. Year:2013 Max. Year: 2017  
N: 35



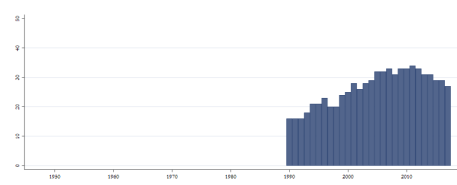
Min. Year:1990 Max. Year: 2017  
N: 36 n: 944  $\bar{N}$ : 34  $\bar{T}$ : 26

#### 4.85.110 wdi\_homicidesf Intentional homicides, female (per 100,000 female)

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.



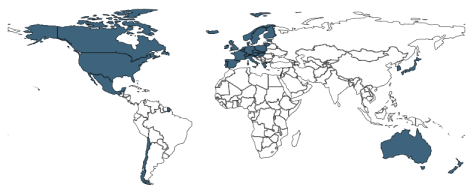
Min. Year:2013 Max. Year: 2017  
N: 35



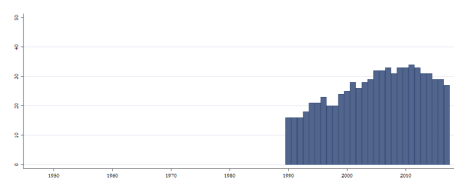
Min. Year:1990 Max. Year: 2017  
N: 36 n: 744  $\bar{N}$ : 27  $\bar{T}$ : 21

#### 4.85.111 wdi\_homicidesm Intentional homicides, male (per 100,000 male)

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.



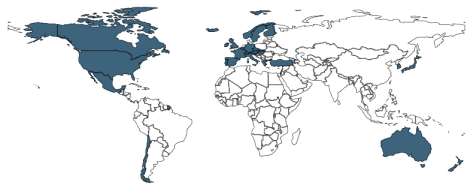
Min. Year:2013 Max. Year: 2017  
N: 35



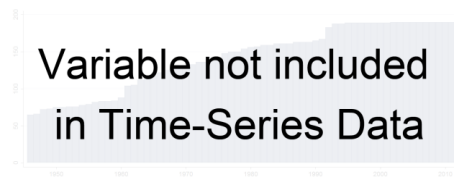
Min. Year:1990 Max. Year: 2017  
N: 36 n: 744  $\bar{N}$ : 27  $\bar{T}$ : 21

#### 4.85.112 wdi\_idpdis Internally displaced persons, new displacement-disasters (number)

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.



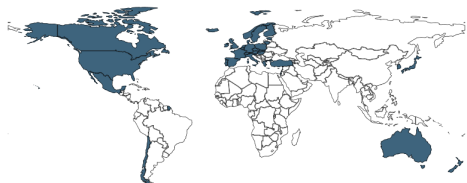
Min. Year:2013 Max. Year: 2018  
N: 30



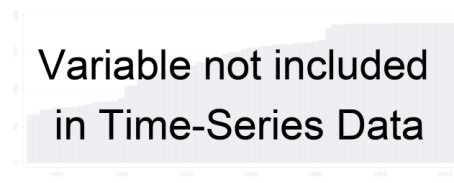
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.85.113 wdi\_imig International migrant stock (% of population)

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: 2016  
N: 36

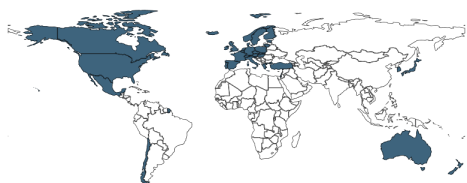


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

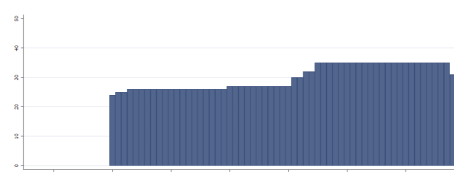


#### 4.85.114 wdi\_import Imports of goods and services (% of GDP)

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.



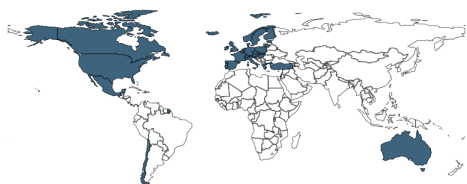
Min. Year:2014 Max. Year: 2016  
N: 36



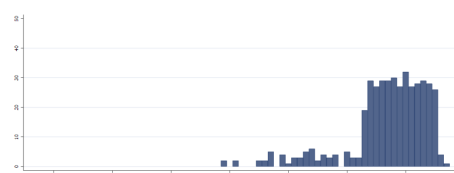
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1797  $\bar{N}$ : 30  $\bar{T}$ : 50

#### 4.85.115 wdi\_incs10h Income share held by highest 10%

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.



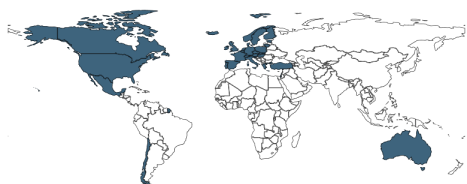
Min. Year:2013 Max. Year: 2017  
N: 33



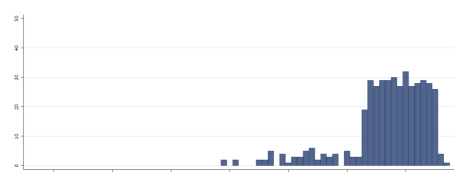
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.116 wdi\_incs10l Income share held by lowest 10%

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.



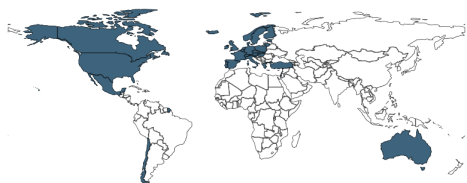
Min. Year:2013 Max. Year: 2017  
N: 33



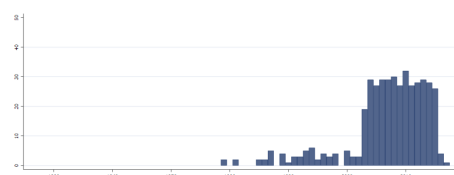
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.117 wdi\_incs202 Income share held by second 20%

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.



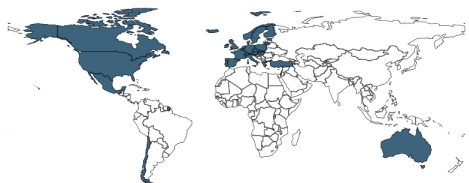
Min. Year:2013 Max. Year: 2017  
N: 33



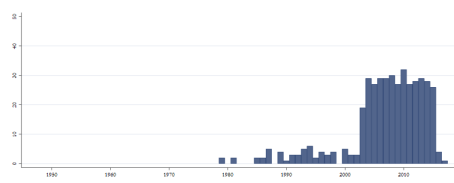
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.118 wdi\_incsh203 Income share held by third 20%

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.



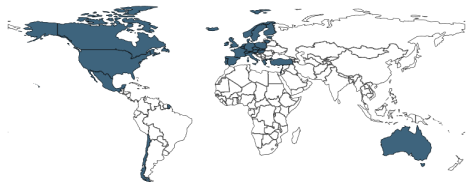
Min. Year:2013 Max. Year: 2017  
N: 33



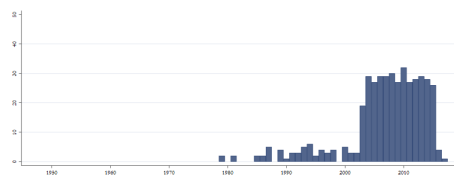
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.119 wdi\_incsh204 Income share held by fourth 20%

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.



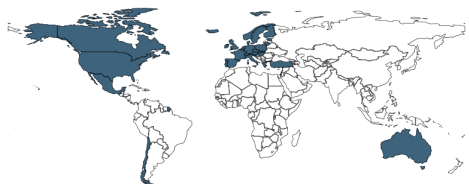
Min. Year:2013 Max. Year: 2017  
N: 33



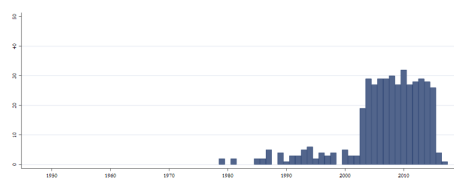
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.120 wdi\_incsh20h Income share held by highest 20%

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.



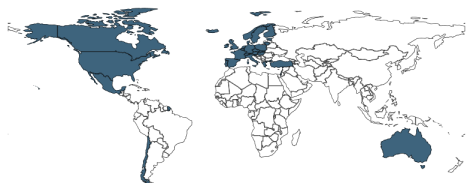
Min. Year:2013 Max. Year: 2017  
N: 33



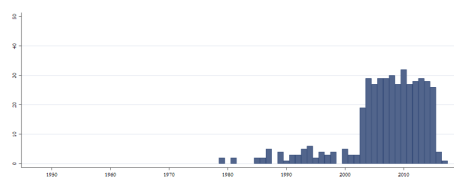
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.121 wdi\_incsh20l Income share held by lowest 20%

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.



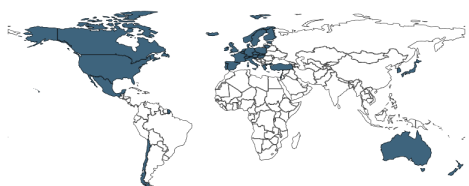
Min. Year:2013 Max. Year: 2017  
N: 33



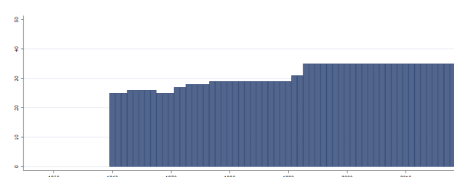
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.122 wdi\_inflation Inflation, consumer prices (annual %)

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.



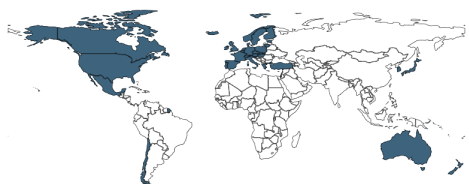
Min. Year:2013 Max. Year: 2016  
N: 36



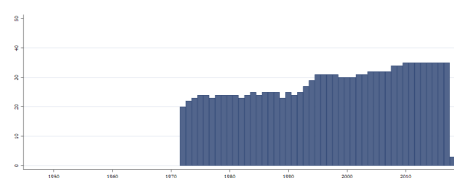
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1851  $\bar{N}$ : 31  $\bar{T}$ : 51

#### 4.85.123 wdi\_interexp Interest payments (% of expense)

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.



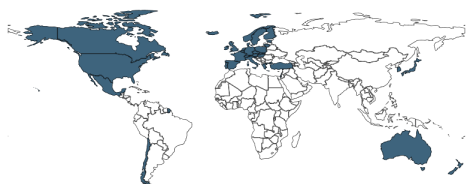
Min. Year:2014 Max. Year: 2017  
N: 36



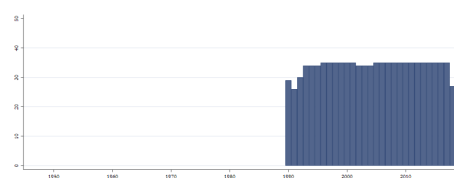
Min. Year:1972 Max. Year: 2018  
N: 36 n: 1335  $\bar{N}$ : 28  $\bar{T}$ : 37

#### 4.85.124 wdi\_internet Individuals using the Internet (% of population)

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.



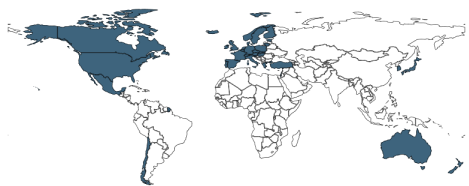
Min. Year:2016 Max. Year: 2017  
N: 36



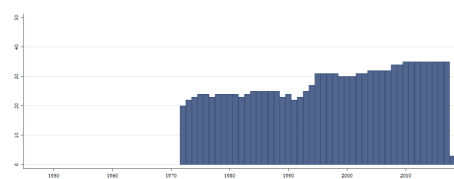
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1004  $\bar{N}$ : 35  $\bar{T}$ : 28

#### 4.85.125 wdi\_interrev Interest payments (% of revenue)

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.



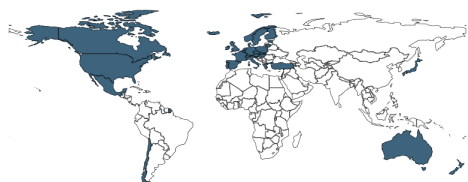
Min. Year:2014 Max. Year: 2017  
N: 36



Min. Year:1972 Max. Year: 2018  
N: 36 n: 1327  $\bar{N}$ : 28  $\bar{T}$ : 37

#### 4.85.126 wdi\_lfpedua Labor force with advanced education % of total working-age pop.

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).



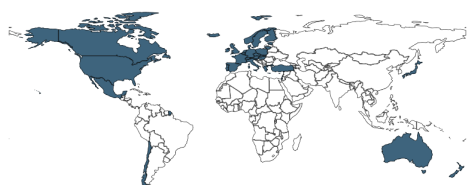
Min. Year:2013 Max. Year: 2018  
N: 35



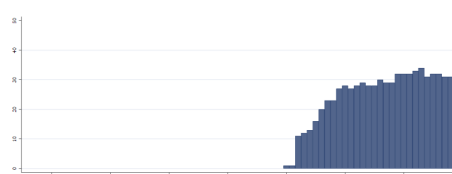
Min. Year:1990 Max. Year: 2018  
N: 35 n: 744  $\bar{N}$ : 26  $\bar{T}$ : 21

#### 4.85.127 wdi\_lfpeduaf Labor force with advanced education % of female working-age pop.

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).



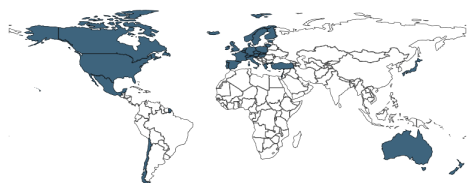
Min. Year:2013 Max. Year: 2018  
N: 35



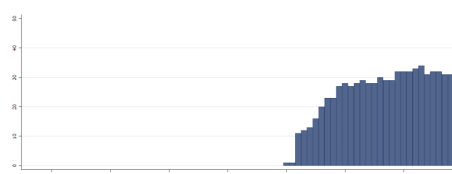
Min. Year:1990 Max. Year: 2018  
N: 35 n: 744  $\bar{N}$ : 26  $\bar{T}$ : 21

#### 4.85.128 wdi\_lfpedum Labor force with advanced education % of male working-age pop.

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:2013 Max. Year: 2018  
N: 35

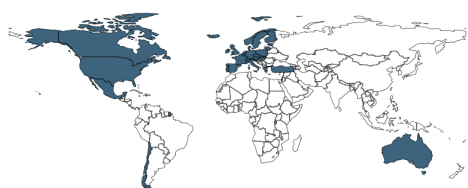


Min. Year:1990 Max. Year: 2018  
N: 35 n: 744  $\bar{N}$ : 26  $\bar{T}$ : 21

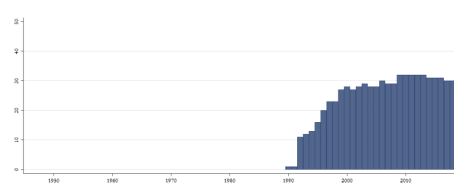
#### 4.85.129 wdi\_lfpedub Labor force with basic education % of total working-age pop. basic edu.

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).



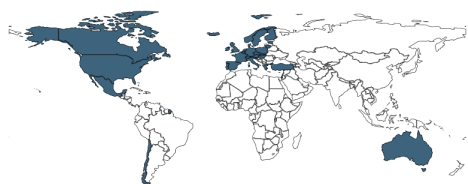
Min. Year:2013 Max. Year: 2018  
N: 33



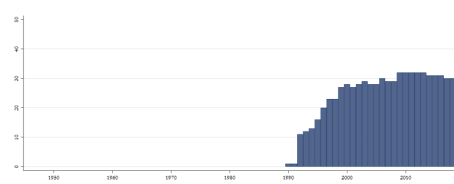
Min. Year:1990 Max. Year: 2018  
N: 33 n: 737  $\bar{N}$ : 25  $\bar{T}$ : 22

#### 4.85.130 wdi\_lfpdubf Labor force with basic education % of female working-age pop. basic edu.

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).



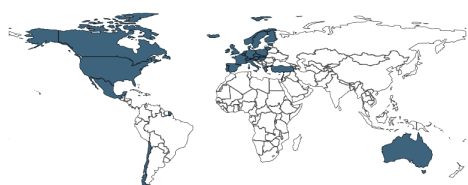
Min. Year:2013 Max. Year: 2018  
N: 33



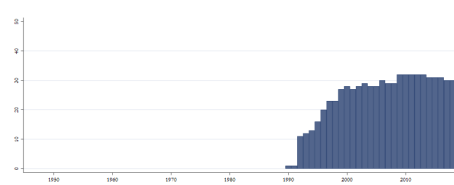
Min. Year:1990 Max. Year: 2018  
N: 33 n: 737  $\bar{N}$ : 25  $\bar{T}$ : 22

#### 4.85.131 wdi\_lfpdubm Labor force with basic education % of male working-age pop. w. basic edu.

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).



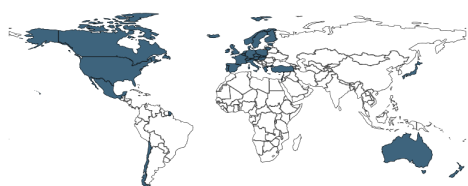
Min. Year:2013 Max. Year: 2018  
N: 33



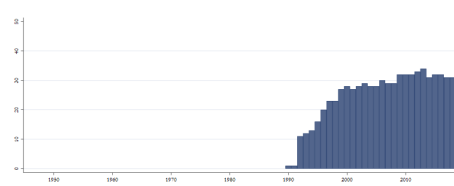
Min. Year:1990 Max. Year: 2018  
N: 33 n: 737  $\bar{N}$ : 25  $\bar{T}$ : 22

#### 4.85.132 wdi\_lfpdubf Labor force with intermediate education % of total working-age pop.

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).



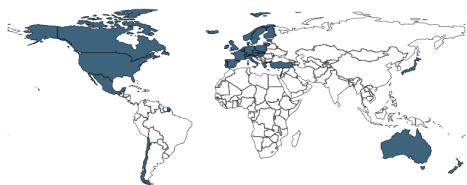
Min. Year:2013 Max. Year: 2018  
N: 35



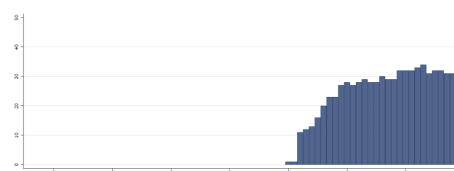
Min. Year:1990 Max. Year: 2018  
N: 35 n: 744  $\bar{N}$ : 26  $\bar{T}$ : 21

#### 4.85.133 wdi\_lfpeduif Labor force with intermediate education % of female working-age pop.

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).



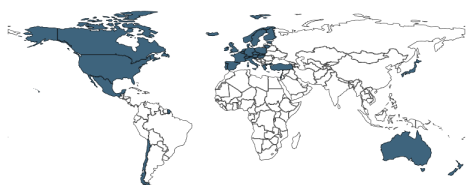
Min. Year:2013 Max. Year: 2018  
N: 35



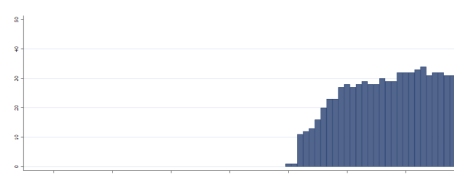
Min. Year:1990 Max. Year: 2018  
N: 35 n: 744  $\bar{N}$ : 26  $\bar{T}$ : 21

#### 4.85.134 wdi\_lfpeduim Labor force with intermediate education % of male working-age pop.

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).



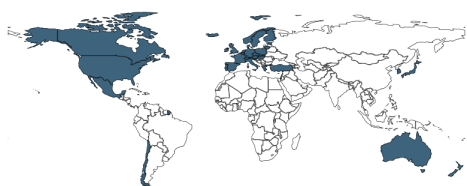
Min. Year:2013 Max. Year: 2018  
N: 35



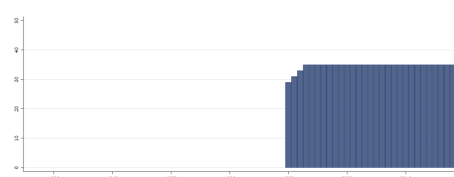
Min. Year:1990 Max. Year: 2018  
N: 35 n: 744  $\bar{N}$ : 26  $\bar{T}$ : 21

#### 4.85.135 wdi\_lfpf Labor force, female (% of total labor force)

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.



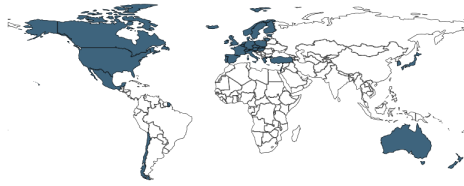
Min. Year:2016 Max. Year: 2016  
N: 36



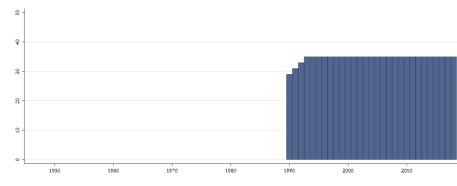
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

#### 4.85.136 wdi\_lfpfilo15 Labor force participation rate (% female ages 15+) (modeled ILO)

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.



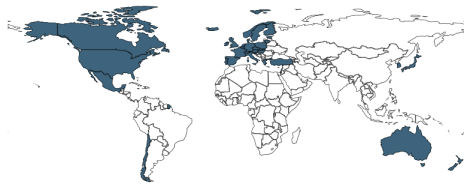
Min. Year:2016 Max. Year: 2016  
N: 36



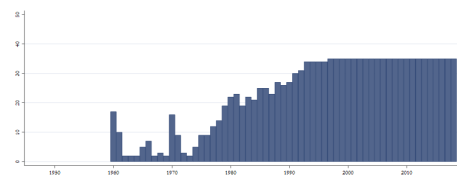
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

#### 4.85.137 wdi\_lfpfne15 Labor force participation rate (% of female ages 15+) (national est.)

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.



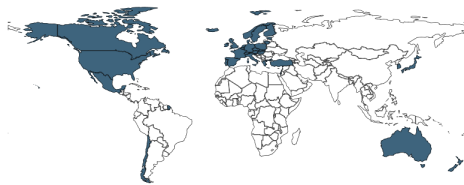
Min. Year:2013 Max. Year: 2018  
N: 36



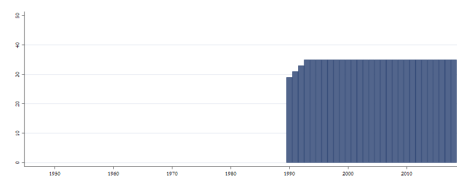
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1400  $\bar{N}$ : 24  $\bar{T}$ : 39

#### 4.85.138 wdi\_lfpilo15 Labor force participation rate (% of total ages 15+) (modeled ILO)

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.



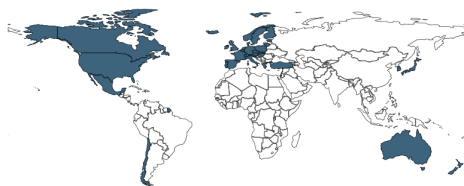
Min. Year:2016 Max. Year: 2016  
N: 36



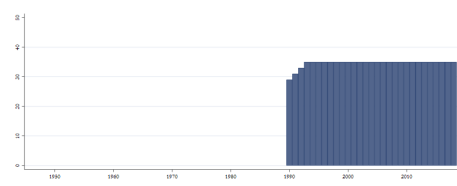
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

#### 4.85.139 wdi\_lfpmilo15 Labor force participation rate(% of male ages 15+) (modeled ILO)

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.



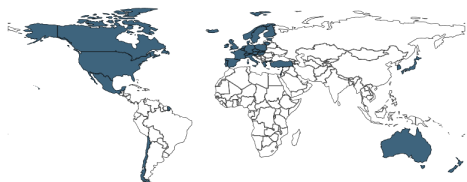
Min. Year:2016 Max. Year: 2016  
N: 36



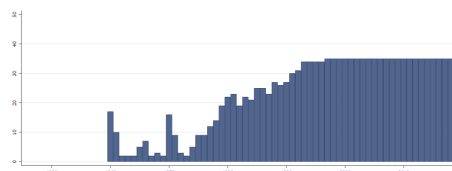
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

**4.85.140 wdi\_lfpme15 Labor force participation rate (% of male ages 15+) (national est.)**

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.



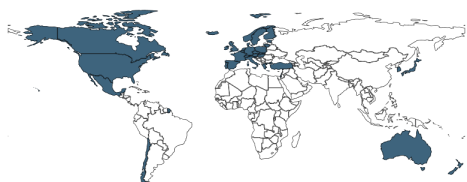
Min. Year:2013 Max. Year: 2018  
N: 36



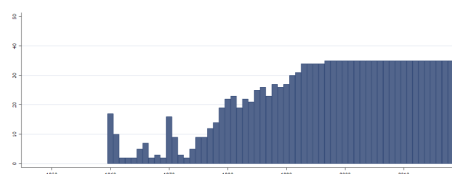
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1400  $\bar{N}$ : 24  $\bar{T}$ : 39

**4.85.141 wdi\_lfpne15 Labor force participation rate (% of total ages 15+) (national est.)**

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.



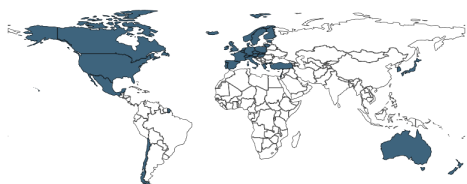
Min. Year:2013 Max. Year: 2018  
N: 36



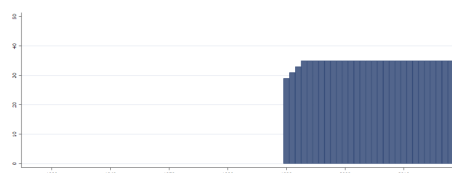
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1401  $\bar{N}$ : 24  $\bar{T}$ : 39

**4.85.142 wdi\_lfpr Labor force participation rate, total (% of total pop. ages 15-64) (ILO)**

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:2016 Max. Year: 2016  
N: 36

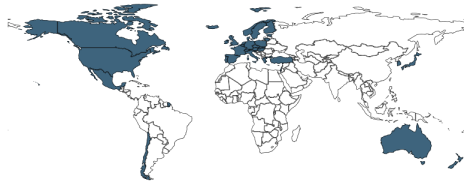


Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

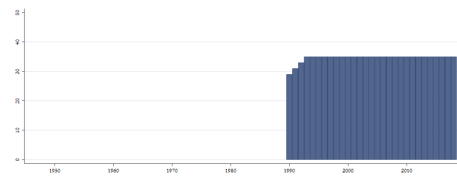
**4.85.143 wdi\_lfprf Labor force participation rate, female (% of female pop. ages 15-64) (ILO)**

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.





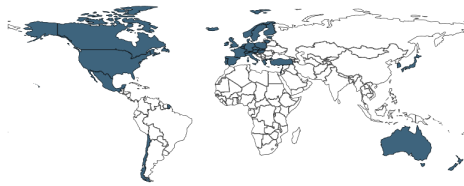
Min. Year:2016 Max. Year: 2016  
N: 36



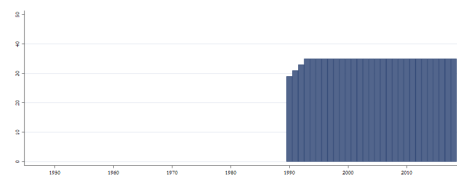
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

#### 4.85.144 wdi\_lfprm Labor force participation rate, male (% of male pop. ages 15-64) (ILO)

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.



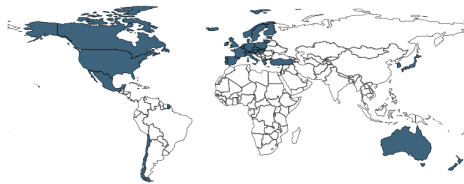
Min. Year:2016 Max. Year: 2016  
N: 36



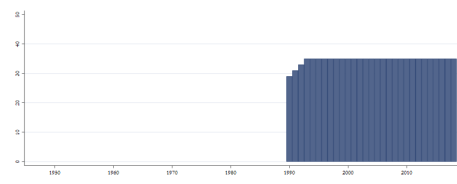
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

#### 4.85.145 wdi\_lfpyfilo Labor force participation rate 15-24, female (%) (modeled ILO)

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.



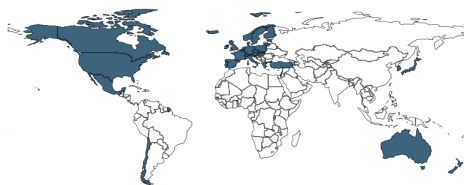
Min. Year:2016 Max. Year: 2016  
N: 36



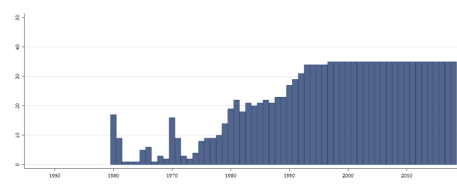
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

#### 4.85.146 wdi\_lfpyfne Labor force participation rate 15-24, female (%) (national est.)

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:2013 Max. Year: 2018  
N: 36

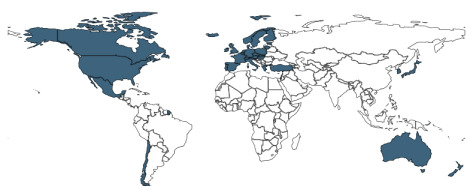


Min. Year:1960 Max. Year: 2018  
N: 36 n: 1356  $\bar{N}$ : 23  $\bar{T}$ : 38

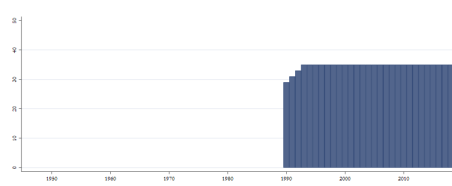
#### 4.85.147 wdi\_lfpyilo Labor force participation rate 15-24, total (%) (modeled ILO)

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.



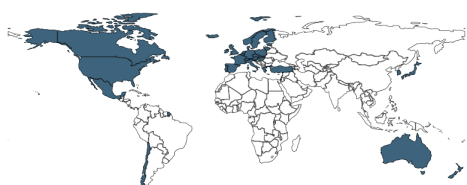
Min. Year:2016 Max. Year: 2016  
N: 36



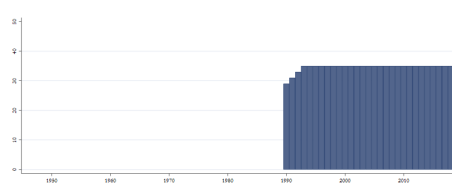
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

#### 4.85.148 wdi\_lfpymilo Labor force participation rate 15-24, male (%) (modeled ILO)

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.



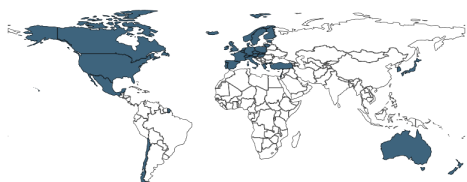
Min. Year:2016 Max. Year: 2016  
N: 36



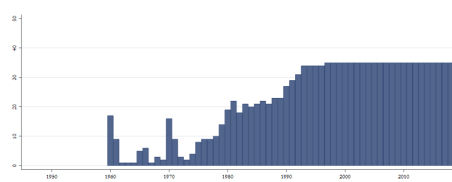
Min. Year:1990 Max. Year: 2018  
N: 36 n: 1030  $\bar{N}$ : 36  $\bar{T}$ : 29

#### 4.85.149 wdi\_lfpymne Labor force participation rate 15-24, male (%) (national est.)

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.



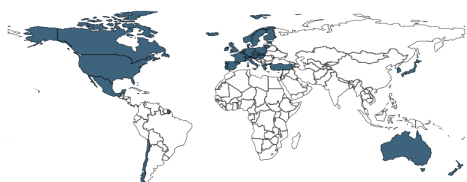
Min. Year:2013 Max. Year: 2018  
N: 36



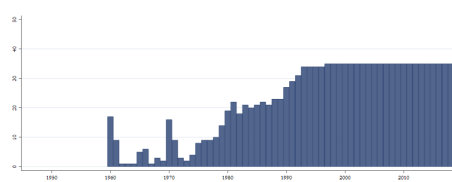
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1356  $\bar{N}$ : 23  $\bar{T}$ : 38

#### 4.85.150 wdi\_lfpyne Labor force participation rate 15-24, total (%) (national est.)

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.



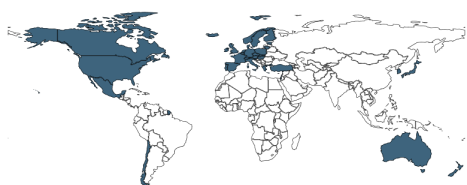
Min. Year:2013 Max. Year: 2018  
N: 36



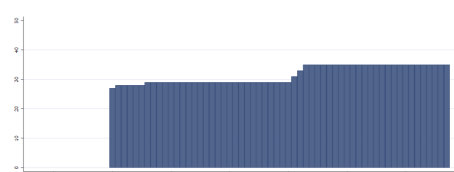
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1356  $\bar{N}$ : 23  $\bar{T}$ : 38

#### 4.85.151 wdi\_lifexp Life expectancy at birth, total (years)

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.



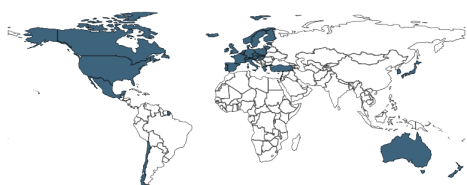
Min. Year:2016 Max. Year: 2016  
N: 36



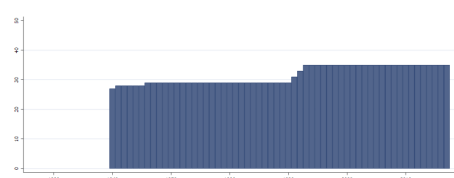
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1857  $\bar{N}$ : 32  $\bar{T}$ : 52

#### 4.85.152 wdi\_lifexpf Life expectancy at birth, female (years)

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.



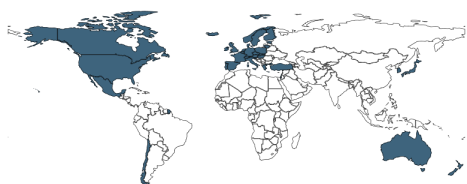
Min. Year:2016 Max. Year: 2016  
N: 36



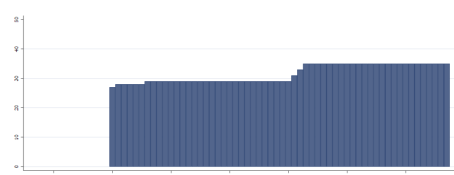
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1857  $\bar{N}$ : 32  $\bar{T}$ : 52

#### 4.85.153 wdi\_lifexpm Life expectancy at birth, male (years)

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.



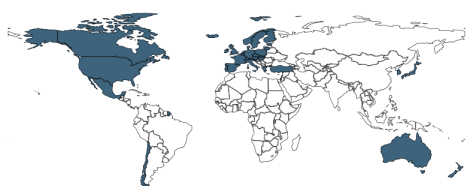
Min. Year:2016 Max. Year: 2016  
N: 36



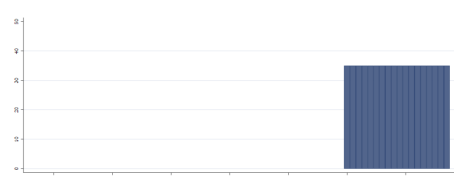
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1857  $\bar{N}$ : 32  $\bar{T}$ : 52

#### 4.85.154 wdi\_lrmd Lifetime risk of maternal death (%)

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.



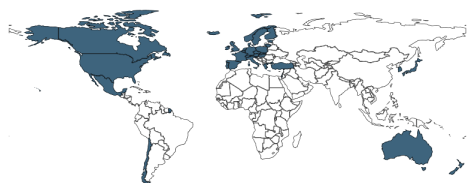
Min. Year:2016 Max. Year: 2016  
N: 36



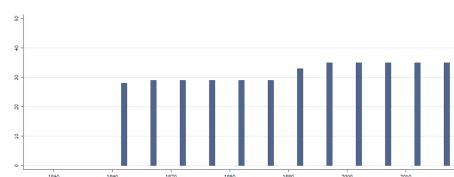
Min. Year:2000 Max. Year: 2017  
N: 36 n: 648  $\bar{N}$ : 36  $\bar{T}$ : 18

#### 4.85.155 wdi\_migration Net 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.



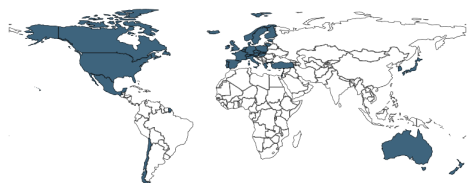
Min. Year:2017 Max. Year: 2017  
N: 36



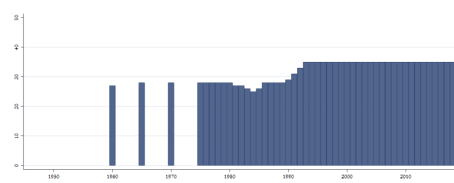
Min. Year:1962 Max. Year: 2017  
N: 36 n: 387  $\bar{N}$ : 7  $\bar{T}$ : 11

#### 4.85.156 wdi\_mobile Mobile cellular subscriptions (per 100 people)

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.



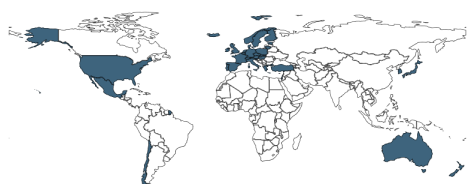
Min. Year:2015 Max. Year: 2017  
N: 36



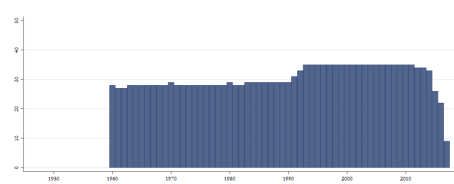
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1524  $\bar{N}$ : 26  $\bar{T}$ : 42

#### 4.85.157 wdi\_mortf Mortality rate, adult, female (per 1,000 female adults)

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.



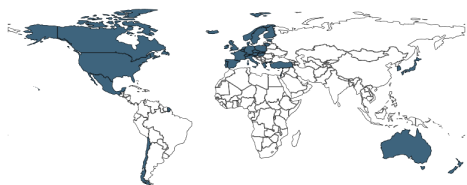
Min. Year:2013 Max. Year: 2016  
N: 35



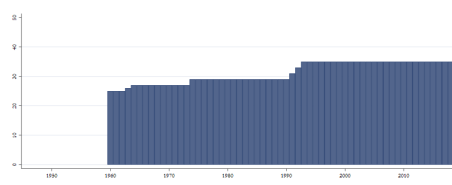
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1789  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.85.158 wdi\_mortinf Mortality rate, infant (per 1,000 live births)

Infant mortality rate is the number of infants dying before reaching one year of age, per 1,000 live births in a given year.



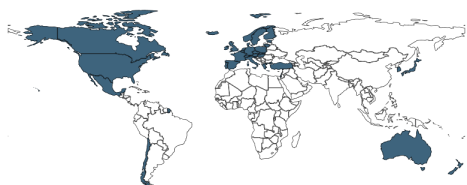
Min. Year:2016 Max. Year: 2016  
N: 36



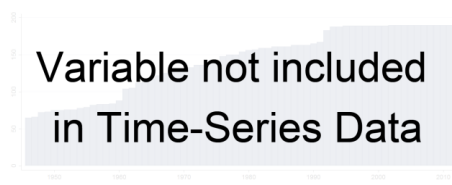
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1865  $\bar{N}$ : 32  $\bar{T}$ : 52

#### 4.85.159 wdi\_mortinff Mortality rate, infant, female (per 1,000 live births)

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.



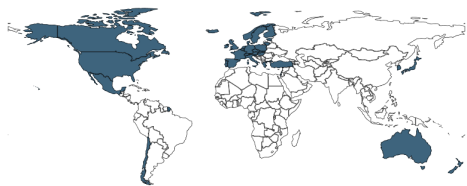
Min. Year:2015 Max. Year: 2015  
N: 36



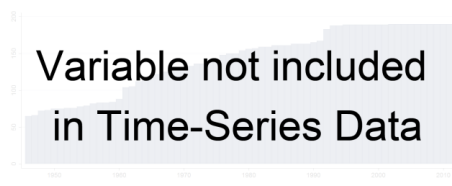
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.85.160 wdi\_mortinfm Mortality rate, infant, male (per 1,000 live births)

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.



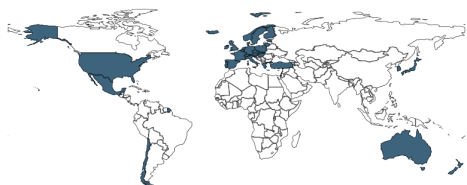
Min. Year:2015 Max. Year: 2015  
N: 36



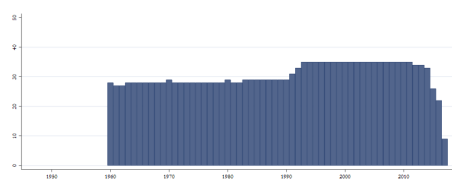
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.85.161 wdi\_mortm Mortality rate, adult, male (per 1,000 male adults)

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.



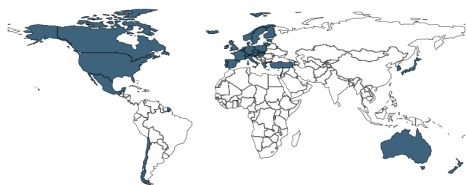
Min. Year:2013 Max. Year: 2016  
N: 35



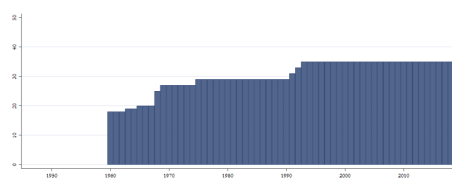
Min. Year:1960 Max. Year: 2017  
N: 36 n: 1789  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.85.162 wdi\_mortnn Mortality rate, neonatal (per 1,000 live births)

Neonatal mortality rate is the number of neonates dying before reaching 28 days of age, per 1,000 live births in a given year.



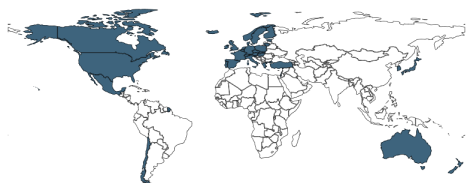
Min. Year:2016 Max. Year: 2016  
N: 36



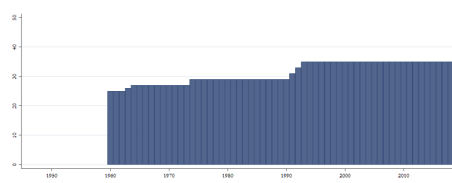
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1804  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.85.163 wdi\_mortu5 Mortality rate, under-5 (per 1,000 live births)

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.



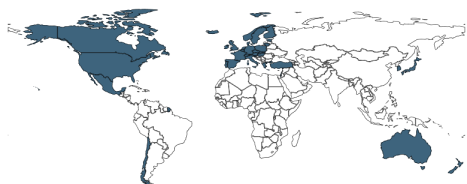
Min. Year:2016 Max. Year: 2016  
N: 36



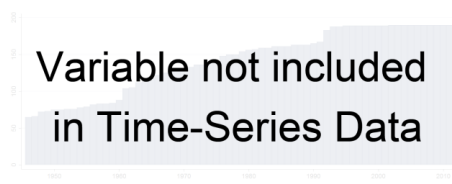
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1865  $\bar{N}$ : 32  $\bar{T}$ : 52

#### 4.85.164 wdi\_mortu5f Mortality rate, under-5, female (per 1,000 live births)

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.



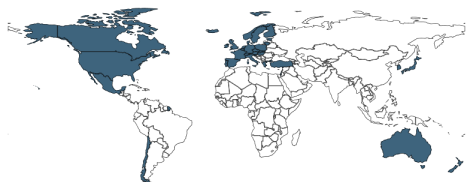
Min. Year:2015 Max. Year: 2015  
N: 36



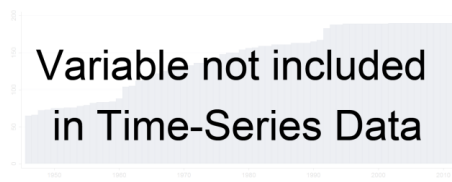
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.85.165 wdi\_mortu5m Mortality rate, under-5, male (per 1,000 live births)

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.



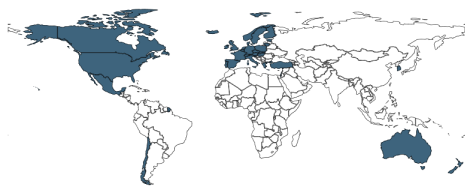
Min. Year:2015 Max. Year: 2015  
N: 36



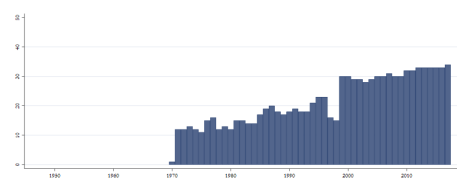
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.85.166 wdi\_nerp School enrollment, primary (% net)

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:2013 Max. Year: 2018  
N: 35

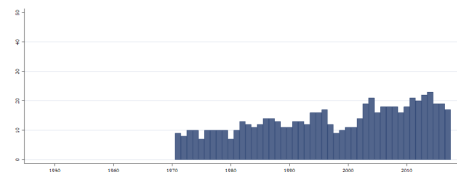


Min. Year:1970 Max. Year: 2017  
N: 35 n: 1049  $\bar{N}$ : 22  $\bar{T}$ : 30

#### 4.85.167 wdi\_nerpf School enrollment, primary, female (% net)

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.

Variable not included  
in Cross-Section Data



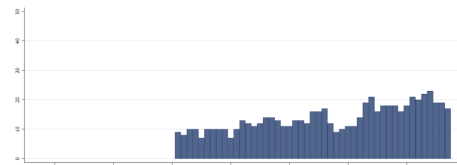
N: N/A Min. Year: N/A Max. Year: N/A

Min. Year:1971 Max. Year: 2017  
N: 34 n: 660  $\bar{N}$ : 14  $\bar{T}$ : 19

#### 4.85.168 wdi\_nerpm School enrollment, primary, male (% net)

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.

Variable not included  
in Cross-Section Data

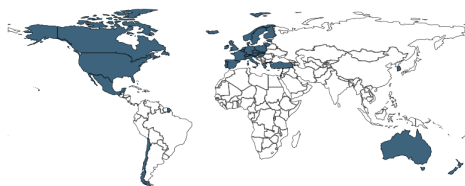


N: N/A Min. Year: N/A Max. Year: N/A

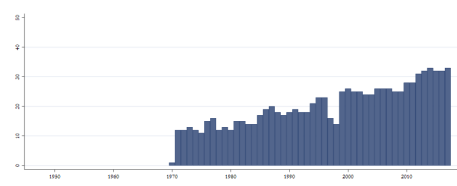
Min. Year:1971 Max. Year: 2017  
N: 34 n: 660  $\bar{N}$ : 14  $\bar{T}$ : 19

#### 4.85.169 wdi\_nerpr Adjusted net enrollment rate, primary (% of primary school children)

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.



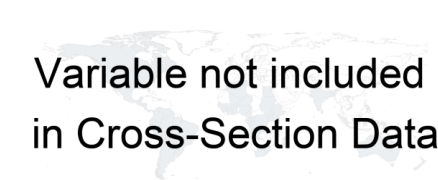
Min. Year:2013 Max. Year: 2018  
N: 35



Min. Year:1970 Max. Year: 2017  
N: 35 n: 985  $\bar{N}$ : 21  $\bar{T}$ : 28

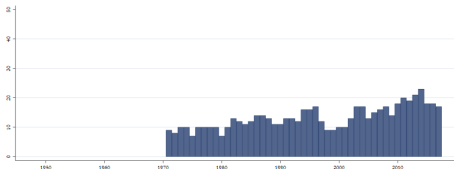
**4.85.170 wdi\_nerprf Adjusted net enrollment rate, primary female (% of primary school children)**

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.



Variable not included  
in Cross-Section Data

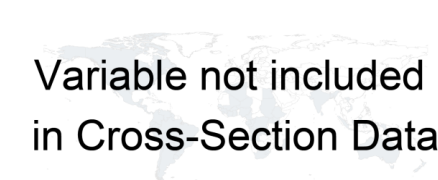
N: N/A Min. Year: N/A Max. Year: N/A



Min. Year:1971 Max. Year: 2017  
N: 34 n: 634  $\bar{N}$ : 13  $\bar{T}$ : 19

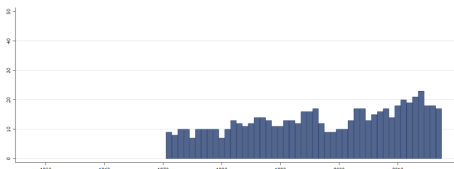
**4.85.171 wdi\_nerprm Adjusted net enrollment rate, primary male (% of primary school children)**

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.



Variable not included  
in Cross-Section Data

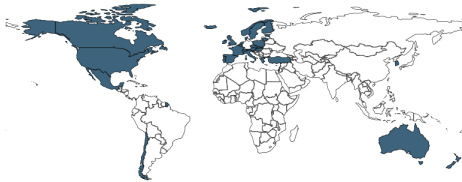
N: N/A Min. Year: N/A Max. Year: N/A



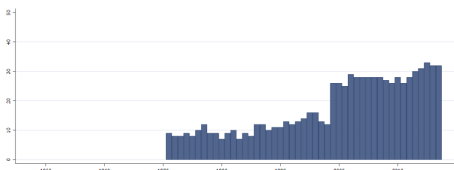
Min. Year:1971 Max. Year: 2017  
N: 34 n: 634  $\bar{N}$ : 13  $\bar{T}$ : 19

**4.85.172 wdi\_ners School enrollment, secondary (% net)**

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:2013 Max. Year: 2018  
N: 34

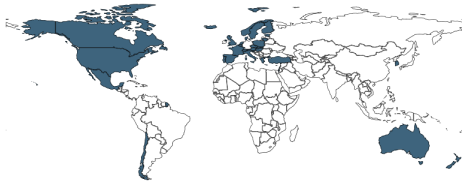


Min. Year:1971 Max. Year: 2017  
N: 34 n: 847  $\bar{N}$ : 18  $\bar{T}$ : 25

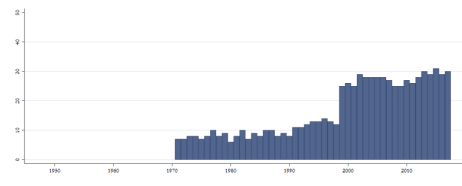
**4.85.173 wdi\_nersf School enrollment, secondary, female (% net)**

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.





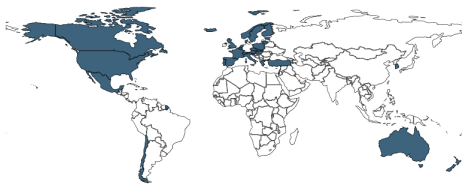
Min. Year:2013 Max. Year: 2018  
N: 33



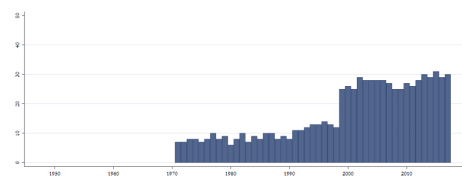
Min. Year:1971 Max. Year: 2017  
N: 34 n: 798  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.85.174 wdi\_nersm School enrollment, secondary, male (% net)

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.



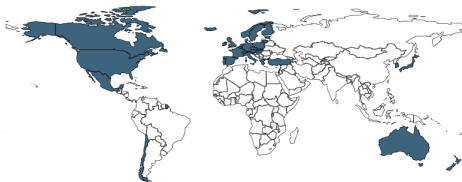
Min. Year:2013 Max. Year: 2018  
N: 33



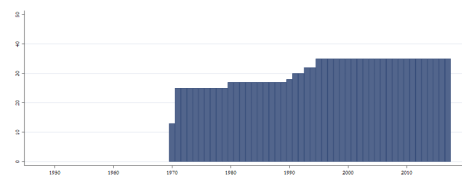
Min. Year:1971 Max. Year: 2017  
N: 34 n: 798  $\bar{N}$ : 17  $\bar{T}$ : 23

#### 4.85.175 wdi\_oilrent Oil rents (% of GDP)

Oil rents are the difference between the value of crude oil production at world prices and total costs of production.



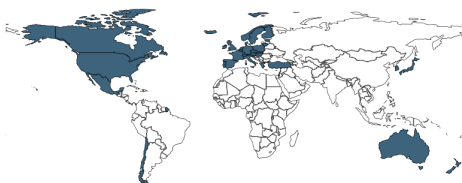
Min. Year:2014 Max. Year: 2016  
N: 36



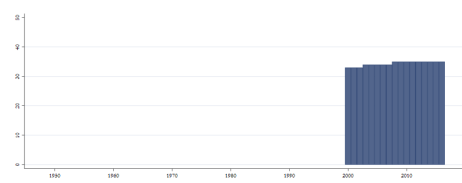
Min. Year:1970 Max. Year: 2017  
N: 36 n: 1488  $\bar{N}$ : 31  $\bar{T}$ : 41

#### 4.85.176 wdi\_ophexp Out-of-pocket expenditure (% of current health expenditure)

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.



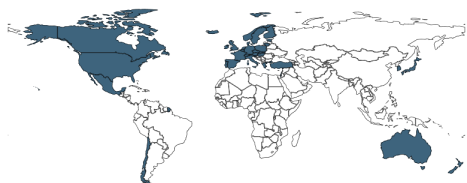
Min. Year:2015 Max. Year: 2016  
N: 36



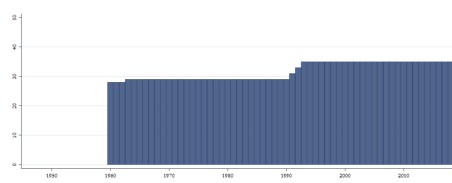
Min. Year:2000 Max. Year: 2016  
N: 36 n: 601  $\bar{N}$ : 35  $\bar{T}$ : 17

#### 4.85.177 wdi\_pop Population, total

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.



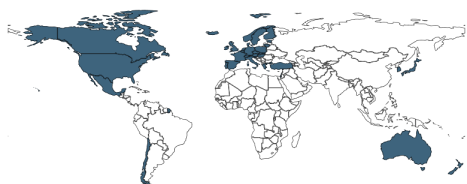
Min. Year:2016 Max. Year: 2016  
N: 36



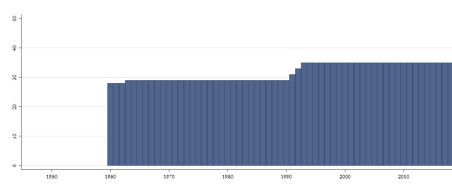
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.178 wdi\_pop14 Population ages 0-14 (% of total population)

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.



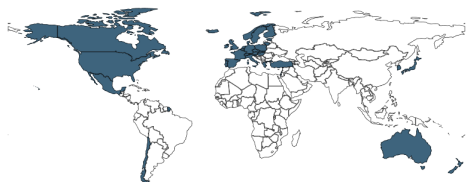
Min. Year:2016 Max. Year: 2016  
N: 36



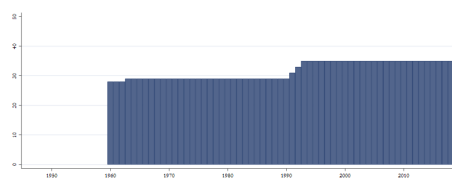
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.179 wdi\_pop1564 Population ages 15-64 (% of total population)

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.



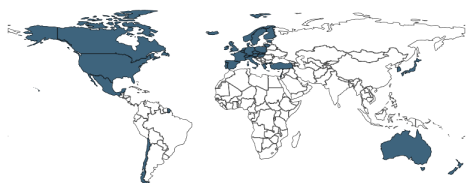
Min. Year:2016 Max. Year: 2016  
N: 36



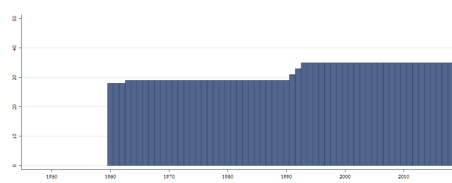
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.180 wdi\_pop65 Population ages 65 and above (% of total population)

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:2016 Max. Year: 2016  
N: 36

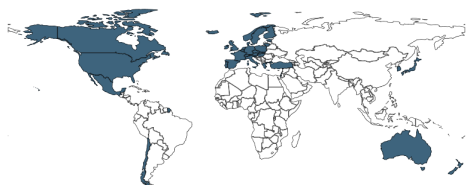


Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

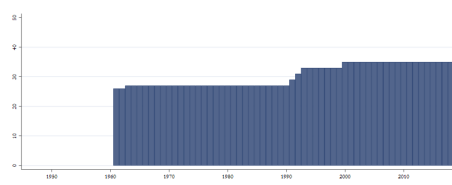
#### 4.85.181 wdi\_popden Population density (people per sq. km of land area)

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.



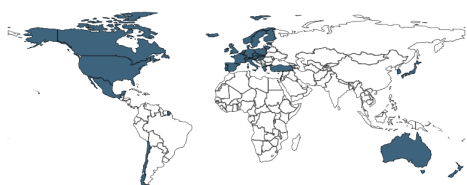
Min. Year:2016 Max. Year: 2016  
N: 36



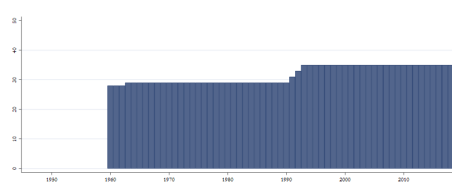
Min. Year:1961 Max. Year: 2018  
N: 36 n: 1791  $\bar{N}$ : 31  $\bar{T}$ : 50

#### 4.85.182 wdi\_popf Population, female (% of total population)

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.



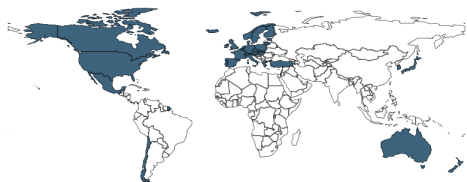
Min. Year:2016 Max. Year: 2016  
N: 36



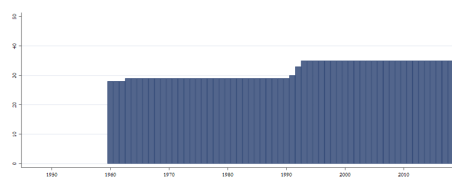
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.183 wdi\_popgr Population growth (annual %)

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.



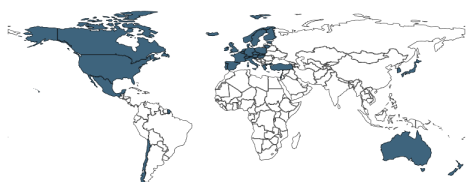
Min. Year:2016 Max. Year: 2016  
N: 36



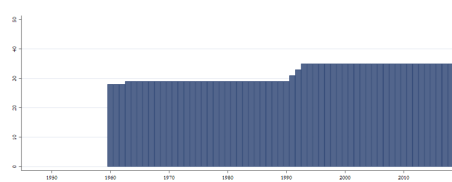
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1896  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.184 wdi\_poprul Rural population (% of total population)

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.



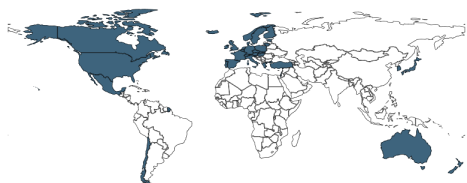
Min. Year:2016 Max. Year: 2016  
N: 36



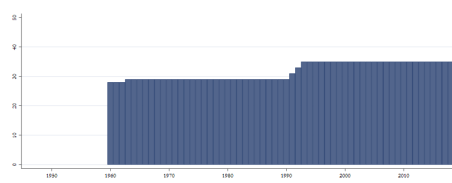
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.185 wdi\_poprulgr Rural population growth (annual %)

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.



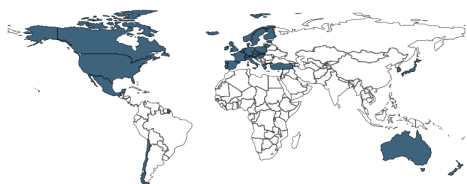
Min. Year:2016 Max. Year: 2016  
N: 36



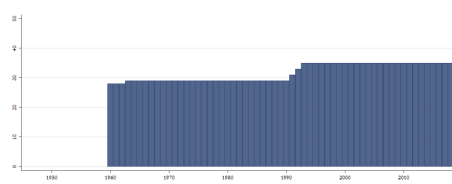
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.186 wdi\_popurb Urban population (% of total population)

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.



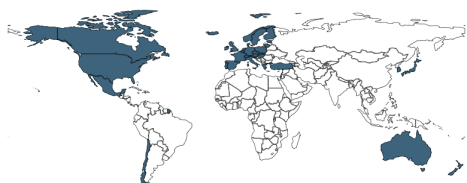
Min. Year:2016 Max. Year: 2016  
N: 36



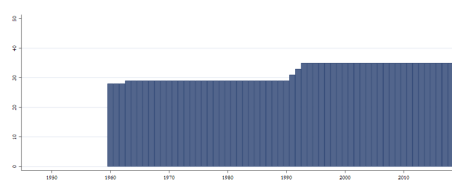
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.187 wdi\_popurbagr Urban population growth (annual %)

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.



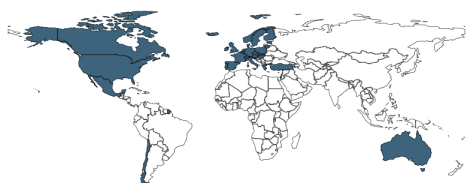
Min. Year:2016 Max. Year: 2016  
N: 36



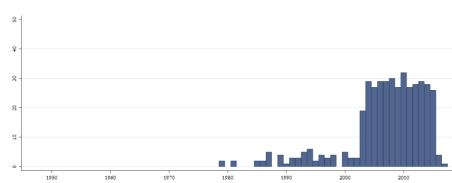
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1897  $\bar{N}$ : 32  $\bar{T}$ : 53

#### 4.85.188 wdi\_povgap190 Poverty gap at USD 1.90 a day (2011 PPP) (%)

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.



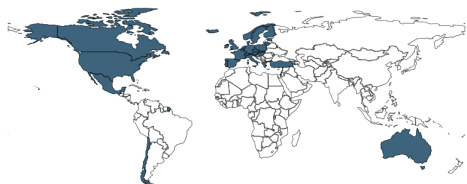
Min. Year:2013 Max. Year: 2017  
N: 33



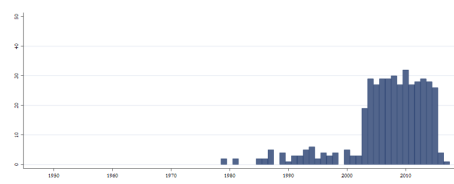
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.189 wdi\_povgap320 Poverty gap at USD 3.20 a day (2011 PPP) (%)

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).



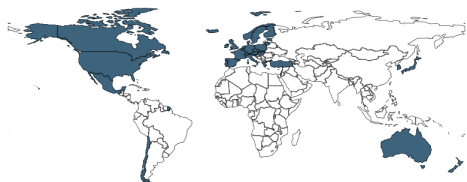
Min. Year:2013 Max. Year: 2017  
N: 33



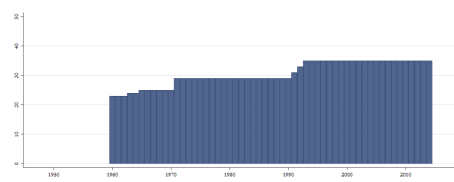
Min. Year:1979 Max. Year: 2017  
N: 35 n: 439  $\bar{N}$ : 11  $\bar{T}$ : 13

#### 4.85.190 wdi\_powcon Electric power consumption (kWh per capita)

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.



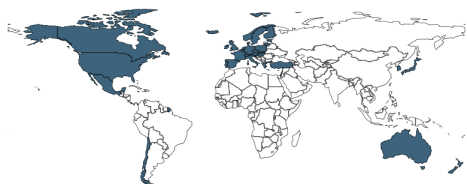
Min. Year:2014 Max. Year: 2016  
N: 36



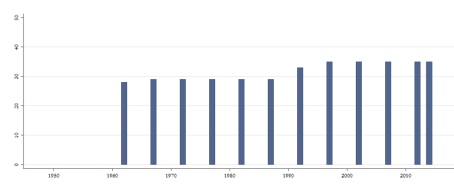
Min. Year:1960 Max. Year: 2014  
N: 36 n: 1704  $\bar{N}$ : 31  $\bar{T}$ : 47

#### 4.85.191 wdi\_precip Average precipitation in depth (mm per year)

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.



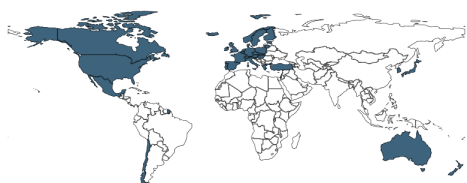
Min. Year:2014 Max. Year: 2014  
N: 36



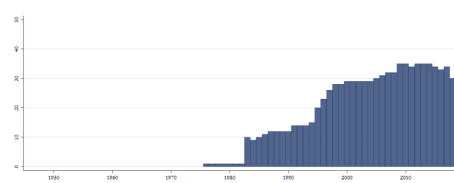
Min. Year:1962 Max. Year: 2014  
N: 36 n: 387  $\bar{N}$ : 7  $\bar{T}$ : 11

#### 4.85.192 wdi\_pte Part time employment, total (% of total employment)

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.



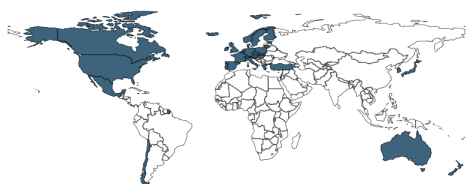
Min. Year:2013 Max. Year: 2017  
N: 36



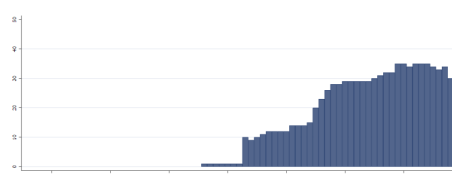
Min. Year:1976 Max. Year: 2018  
N: 36 n: 908  $\bar{N}$ : 21  $\bar{T}$ : 25

#### 4.85.193 wdi\_ptef Part time employment, female (% of total female employment)

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.



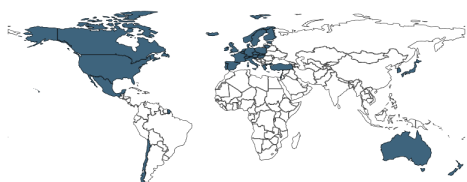
Min. Year:2013 Max. Year: 2017  
N: 36



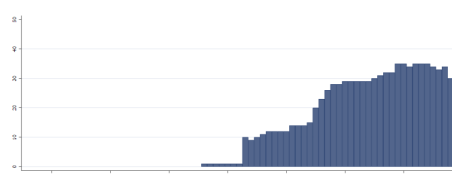
Min. Year:1976 Max. Year: 2018  
N: 36 n: 908  $\bar{N}$ : 21  $\bar{T}$ : 25

#### 4.85.194 wdi\_ptem Part time employment, male (% of total male employment)

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.



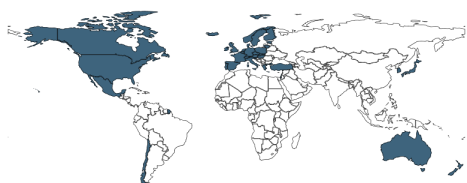
Min. Year:2013 Max. Year: 2017  
N: 36



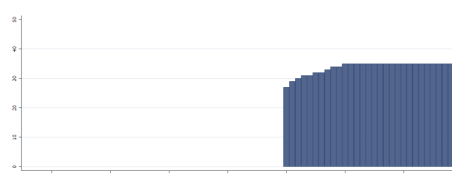
Min. Year:1976 Max. Year: 2018  
N: 36 n: 908  $\bar{N}$ : 21  $\bar{T}$ : 25

#### 4.85.195 wdi\_refasy Refugee population by country or territory of asylum

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:2013 Max. Year: 2018  
N: 36

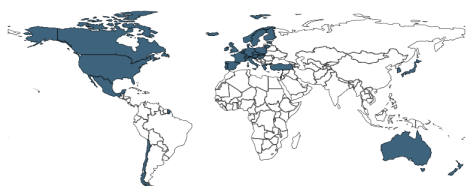


Min. Year:1990 Max. Year: 2018  
N: 36 n: 999  $\bar{N}$ : 34  $\bar{T}$ : 28

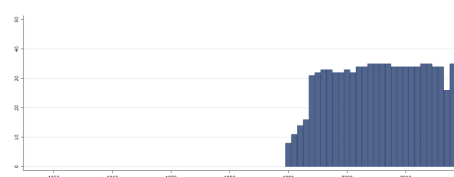
#### 4.85.196 wdi\_refori Refugee population by country or territory of origin

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.



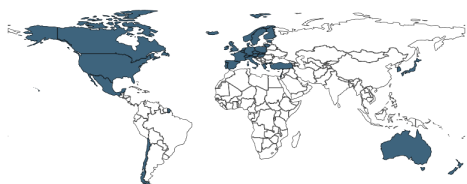
Min. Year:2015 Max. Year: 2018  
N: 36



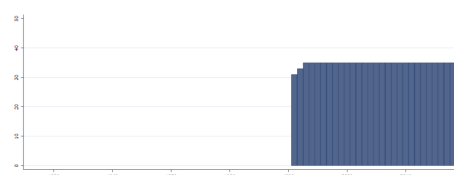
Min. Year:1990 Max. Year: 2018  
N: 36 n: 911  $\bar{N}$ : 31  $\bar{T}$ : 25

#### 4.85.197 wdi\_semp Self-employed, total (% of total employment) (modeled ILO)

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.



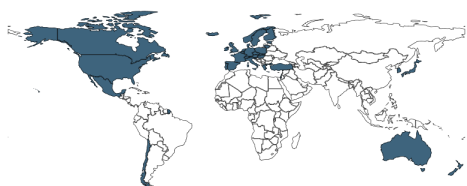
Min. Year:2016 Max. Year: 2016  
N: 36



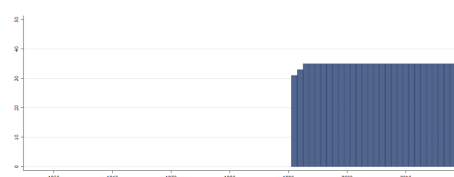
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.198 wdi\_sempf Self-employed, female (% of female employment) (modeled ILO)

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.



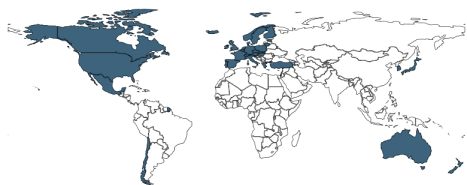
Min. Year:2016 Max. Year: 2016  
N: 36



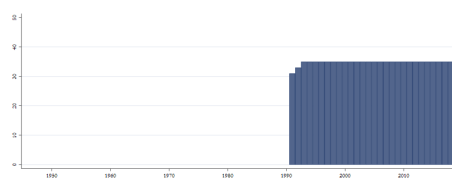
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.199 wdi\_sempm Self-employed, male (% of male employment) (modeled ILO)

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.



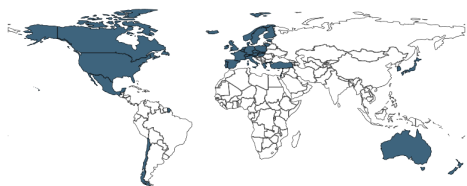
Min. Year:2016 Max. Year: 2016  
N: 36



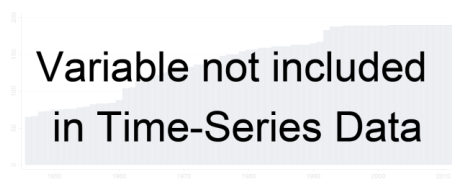
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.200 wdi\_smokf Smoking prevalence, females (% of adults)

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.



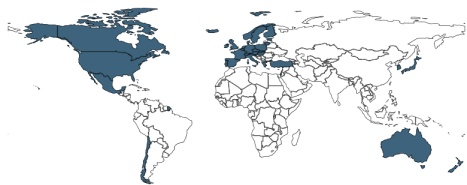
Min. Year:2016 Max. Year: 2016  
N: 36



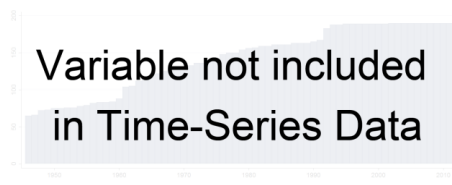
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.85.201 wdi\_smokm Smoking prevalence, males (% of adults)

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.



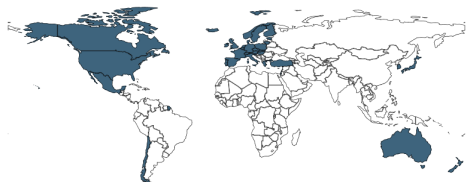
Min. Year:2016 Max. Year: 2016  
N: 36



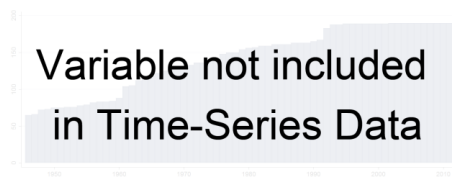
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.85.202 wdi\_smop Smoking prevalence, total (ages 15+)

Smoking prevalence, total, ages 15+. Prevalence of smoking is the percentage of men and women ages 15 and over who currently smoke any tobacco product on a daily or non-daily basis. It excludes smokeless tobacco use. The rates are age-standardized.



Min. Year:2016 Max. Year: 2016  
N: 36



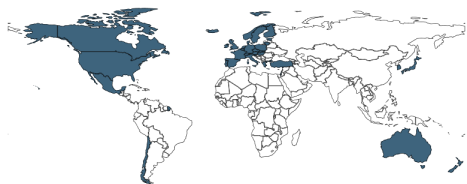
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.85.203 wdi\_sva2010 Services, value added (constant 2010 US dollar)

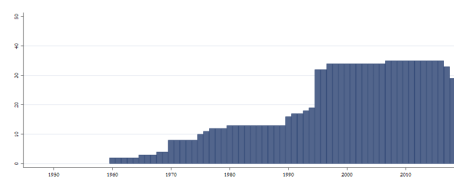
Services, value added (constant 2010 US dollar). Services correspond to ISIC divisions 50-99. They include value added in wholesale and retail trade (including hotels and restaurants), transport, and government, financial, professional, and personal services such as education, health care, and real



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.



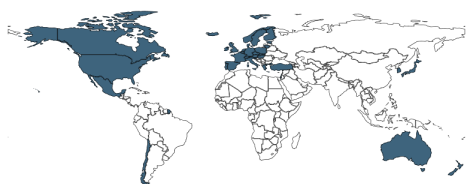
Min. Year:2014 Max. Year: 2016  
N: 36



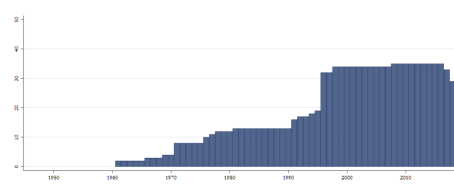
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1181  $\bar{N}$ : 20  $\bar{T}$ : 33

#### 4.85.204 wdi\_svapg Services, value added (annual % growth)

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.



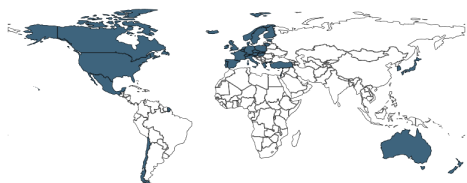
Min. Year:2014 Max. Year: 2016  
N: 36



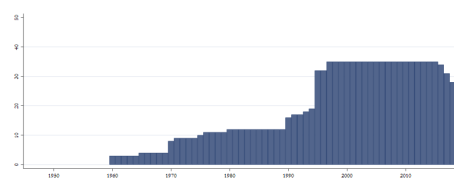
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1145  $\bar{N}$ : 20  $\bar{T}$ : 32

#### 4.85.205 wdi\_svapgdp Services, value added (% of GDP)

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: 2016  
N: 36

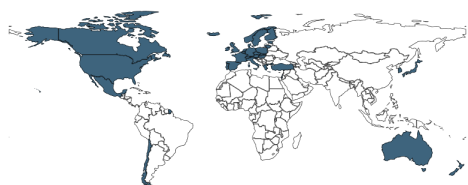


Min. Year:1960 Max. Year: 2018  
N: 36 n: 1186  $\bar{N}$ : 20  $\bar{T}$ : 33

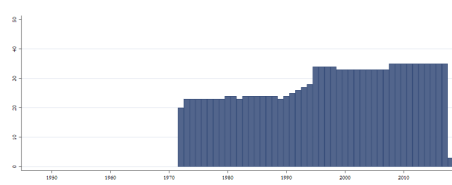
#### 4.85.206 wdi\_taxrev Tax revenue (% of GDP)

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.



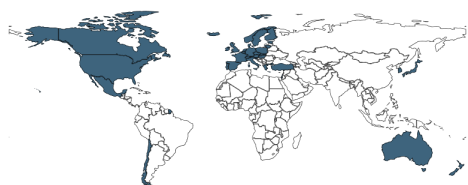
Min. Year:2014 Max. Year: 2017  
N: 36



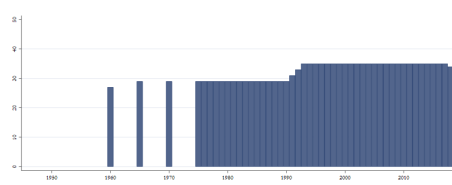
Min. Year:1972 Max. Year: 2018  
N: 36 n: 1359  $\bar{N}$ : 29  $\bar{T}$ : 38

#### 4.85.207 wdi\_tele Fixed telephone subscriptions (per 100 people)

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.



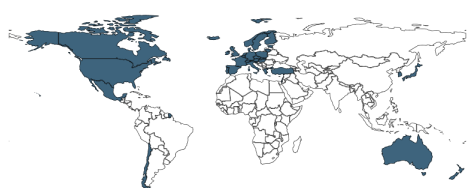
Min. Year:2014 Max. Year: 2016  
N: 36



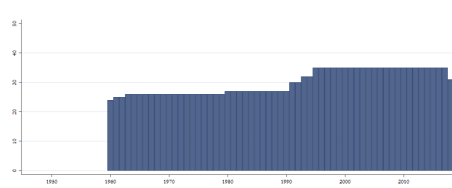
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1549  $\bar{N}$ : 26  $\bar{T}$ : 43

#### 4.85.208 wdi\_trade Trade (% of GDP)

Trade is the sum of exports and imports of goods and services measured as a share of gross domestic product.



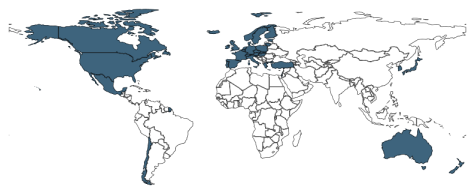
Min. Year:2014 Max. Year: 2016  
N: 36



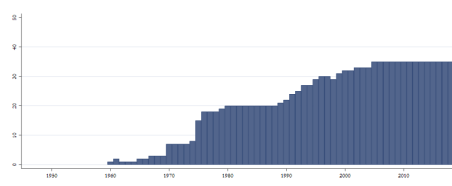
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1797  $\bar{N}$ : 30  $\bar{T}$ : 50

#### 4.85.209 wdi\_tradeserv Trade in services (% of GDP)

Trade in services is the sum of service exports and imports divided by the value of GDP, all in current U.S. dollars.



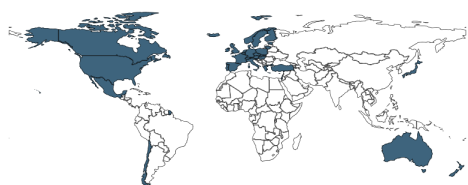
Min. Year:2013 Max. Year: 2016  
N: 36



Min. Year:1960 Max. Year: 2018  
N: 36 n: 1295  $\bar{N}$ : 22  $\bar{T}$ : 36

#### 4.85.210 wdi\_unempedua Unemployment with advanced education (% of total labor force)

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).



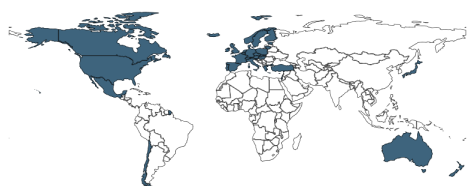
Min. Year:2013 Max. Year: 2018  
N: 35



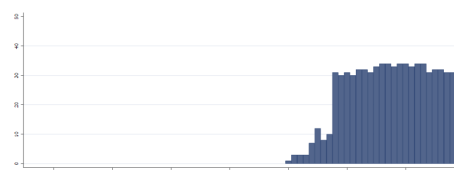
Min. Year:1990 Max. Year: 2018  
N: 36 n: 750  $\bar{N}$ : 26  $\bar{T}$ : 21

#### 4.85.211 wdi\_unempeduaf Unemployment with advanced education (% of female labor force)

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.



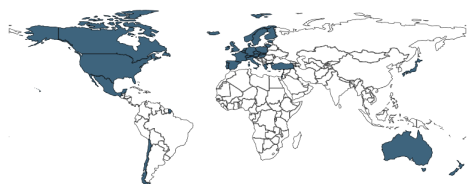
Min. Year:2013 Max. Year: 2018  
N: 35



Min. Year:1990 Max. Year: 2018  
N: 36 n: 745  $\bar{N}$ : 26  $\bar{T}$ : 21

#### 4.85.212 wdi\_unempeduam Unemployment with advanced education (% of male labor force)

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.



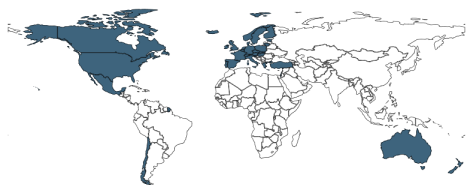
Min. Year:2013 Max. Year: 2018  
N: 35



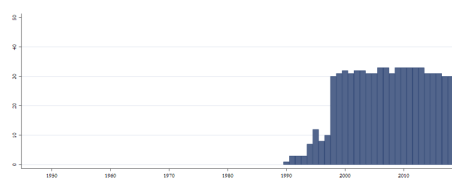
Min. Year:1990 Max. Year: 2018  
N: 36 n: 748  $\bar{N}$ : 26  $\bar{T}$ : 21

#### 4.85.213 wdi\_unempedub Unemployment with basic education (% of total labor force)

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).



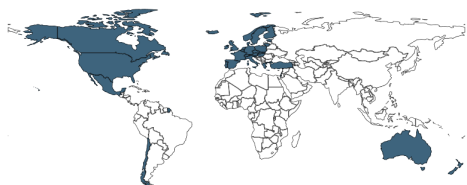
Min. Year:2013 Max. Year: 2018  
N: 34



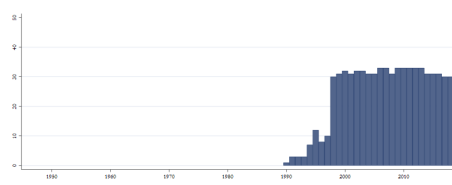
Min. Year:1990 Max. Year: 2018  
N: 35 n: 733  $\bar{N}$ : 25  $\bar{T}$ : 21

#### 4.85.214 wdi\_unempedubf Unemployment with basic education (% of female labor force)

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.



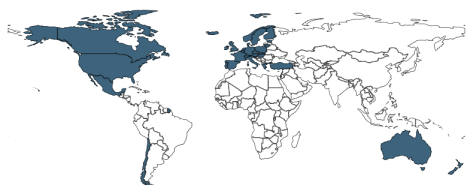
Min. Year:2013 Max. Year: 2018  
N: 34



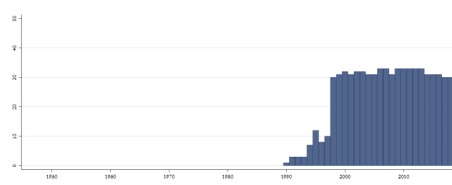
Min. Year:1990 Max. Year: 2018  
N: 35 n: 733  $\bar{N}$ : 25  $\bar{T}$ : 21

#### 4.85.215 wdi\_unempedubm Unemployment with basic education (% of male labor force)

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.



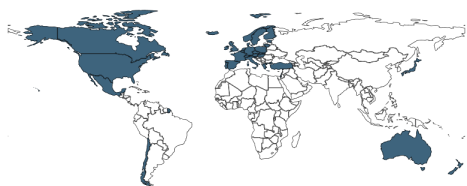
Min. Year:2013 Max. Year: 2018  
N: 34



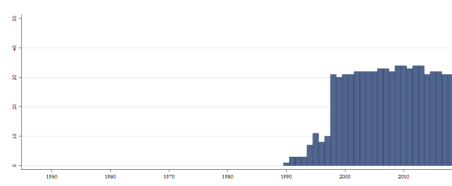
Min. Year:1990 Max. Year: 2018  
N: 35 n: 733  $\bar{N}$ : 25  $\bar{T}$ : 21

#### 4.85.216 wdi\_unempedui Unemployment with intermediate education (% of total labor force)

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).



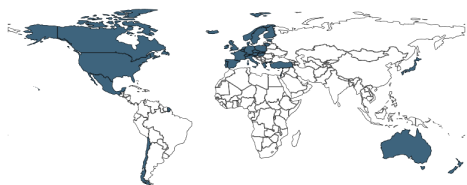
Min. Year:2013 Max. Year: 2018  
N: 35



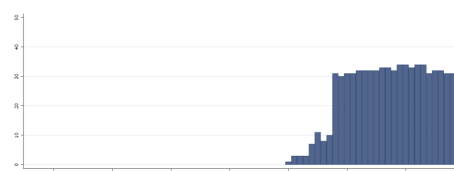
Min. Year:1990 Max. Year: 2018  
N: 36 n: 742  $\bar{N}$ : 26  $\bar{T}$ : 21

**4.85.217 wdi\_unempeduif Unemployment with intermediate education (% of female labor force)**

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.



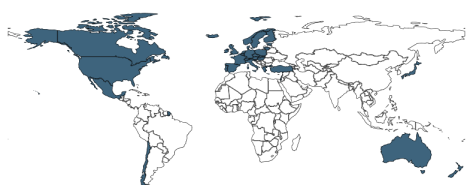
Min. Year:2013 Max. Year: 2018  
N: 35



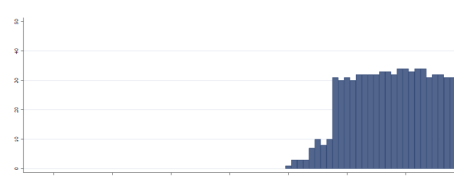
Min. Year:1990 Max. Year: 2018  
N: 36 n: 742  $\bar{N}$ : 26  $\bar{T}$ : 21

**4.85.218 wdi\_unempeduim Unemployment with intermediate education (% of male labor force)**

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.



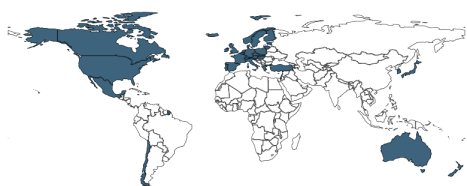
Min. Year:2013 Max. Year: 2018  
N: 35



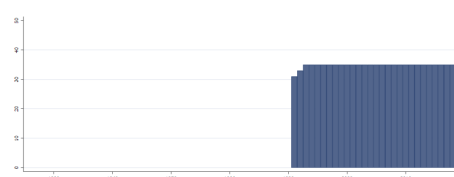
Min. Year:1990 Max. Year: 2018  
N: 36 n: 740  $\bar{N}$ : 26  $\bar{T}$ : 21

**4.85.219 wdi\_unempfilo Unemployment, female (% of female labor force) (modeled ILO)**

Unemployment refers to the share of the labor force that is without work but available for and seeking employment. Female.



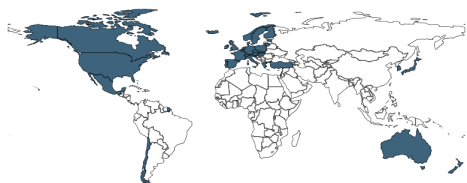
Min. Year:2016 Max. Year: 2016  
N: 36



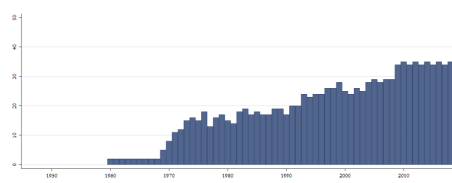
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

**4.85.220 wdi\_unempfne Unemployment, female (% of female labor force) (national est.)**

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.



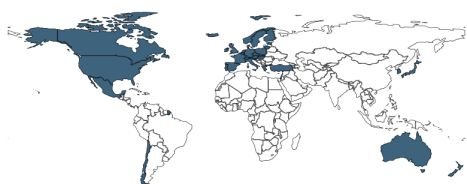
Min. Year:2013 Max. Year: 2018  
N: 36



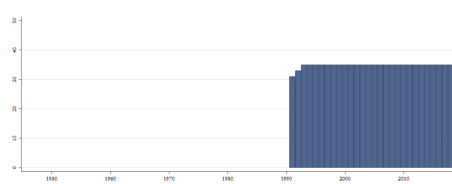
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1178  $\bar{N}$ : 20  $\bar{T}$ : 33

#### 4.85.221 wdi\_unempilo Unemployment, total (% of total labor force) (modeled ILO)

Unemployment refers to the share of the labor force that is without work but available for and seeking employment. Total.



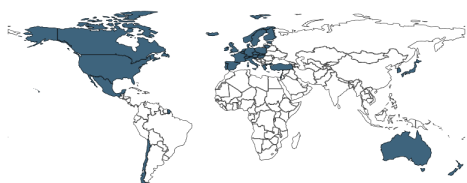
Min. Year:2016 Max. Year: 2016  
N: 36



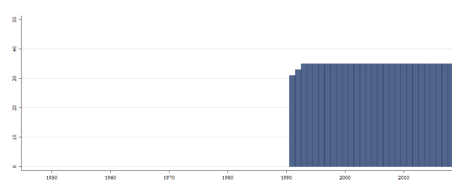
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.222 wdi\_unempmilo Unemployment, male (% of male labor force) (modeled ILO)

Unemployment refers to the share of the labor force that is without work but available for and seeking employment. Male.



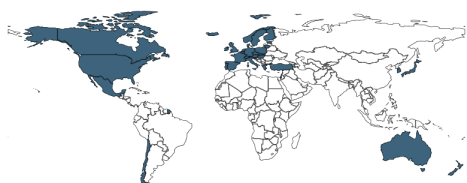
Min. Year:2016 Max. Year: 2016  
N: 36



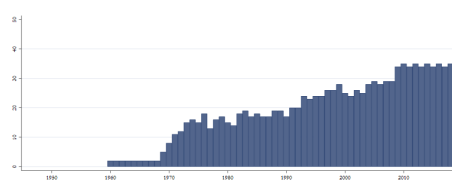
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.223 wdi\_unempmne Unemployment, male (% of male labor force) (national est.)

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.



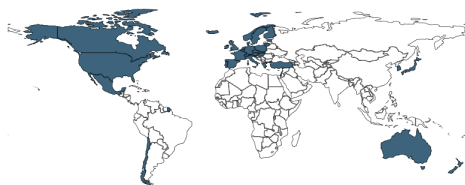
Min. Year:2013 Max. Year: 2018  
N: 36



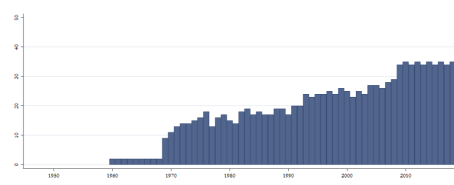
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1178  $\bar{N}$ : 20  $\bar{T}$ : 33

#### 4.85.224 wdi\_unempne Unemployment, total (% of total labor force) (national est.)

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.



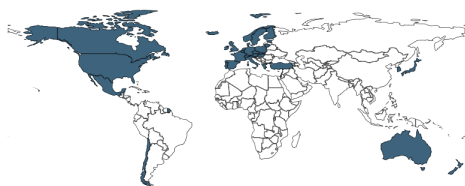
Min. Year:2013 Max. Year: 2018  
N: 36



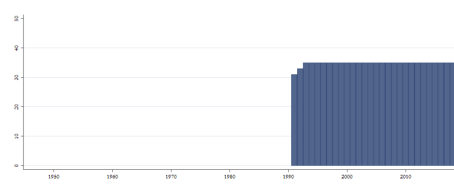
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1174  $\bar{N}$ : 20  $\bar{T}$ : 33

#### 4.85.225 wdi\_unempyflo Unemployment, youth female (% of female labor force 15-24)(modeled ILO)

Youth unemployment refers to the share of the labor force ages 15-24 without work but available for and seeking employment.



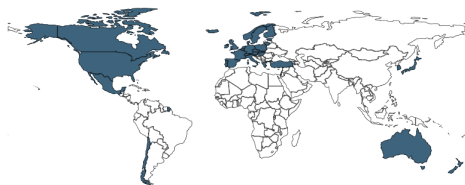
Min. Year:2016 Max. Year: 2016  
N: 36



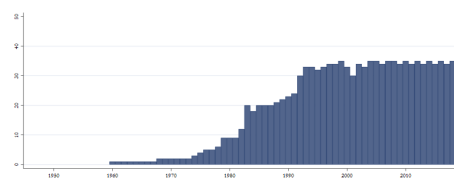
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.226 wdi\_unempyfne Unemployment, youth female (% of female labor force 15-24)(nation est.)

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.



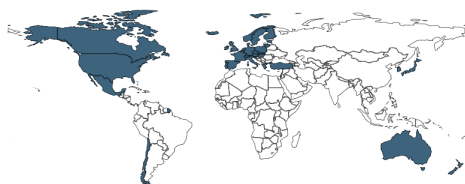
Min. Year:2013 Max. Year: 2018  
N: 36



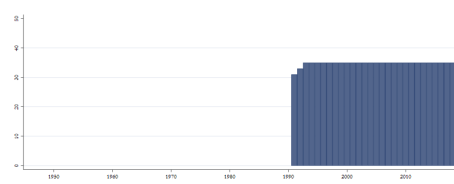
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1204  $\bar{N}$ : 20  $\bar{T}$ : 33

#### 4.85.227 wdi\_unempyilo Unemployment, youth total (% of total labor force 15-24)(modeled ILO)

Youth unemployment refers to the share of the labor force ages 15-24 without work but available for and seeking employment.



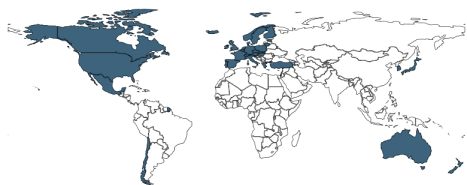
Min. Year:2016 Max. Year: 2016  
N: 36



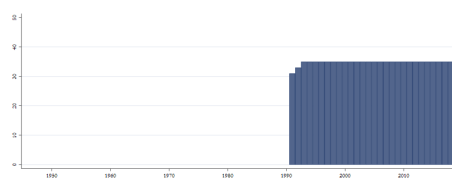
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.228 wdi\_unempmilo Unemployment, youth male (% of male labor force 15-24)(modeled ILO)

Youth unemployment refers to the share of the labor force ages 15-24 without work but available for and seeking employment.



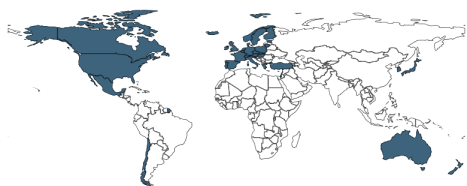
Min. Year:2016 Max. Year: 2016  
N: 36



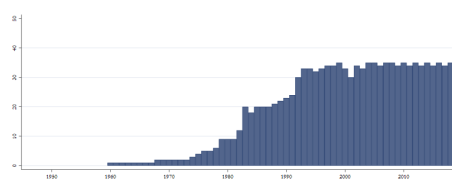
Min. Year:1991 Max. Year: 2018  
N: 36 n: 1001  $\bar{N}$ : 36  $\bar{T}$ : 28

#### 4.85.229 wdi\_unempymne Unemployment, youth male (% of male labor force 15-24)(national est.)

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.



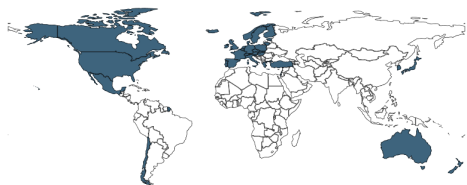
Min. Year:2013 Max. Year: 2018  
N: 36



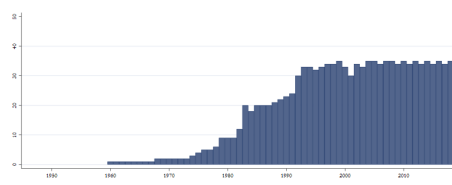
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1204  $\bar{N}$ : 20  $\bar{T}$ : 33

#### 4.85.230 wdi\_unempyne Unemployment, youth total (% of total labor force 15-24)(national est.)

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.



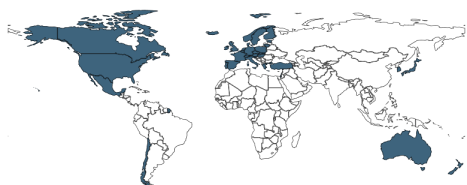
Min. Year:2013 Max. Year: 2018  
N: 36



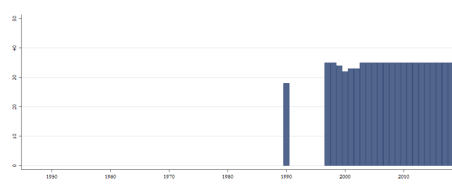
Min. Year:1960 Max. Year: 2018  
N: 36 n: 1204  $\bar{N}$ : 20  $\bar{T}$ : 33

#### 4.85.231 wdi\_wip Proportion of seats held by women in national parliaments (%)

Women in parliaments are the percentage of parliamentary seats in a single or lower chamber held by women.



Min. Year:2016 Max. Year: 2017  
N: 36



Min. Year:1990 Max. Year: 2018  
N: 36 n: 812  $\bar{N}$ : 28  $\bar{T}$ : 23

### 4.86 Christian Welzel

<https://www.leuphana.de/en/institutes/ipw/personen/christian-welzel.html>  
(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.

#### 4.86.1 wel\_citrig Citizen Rights

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].

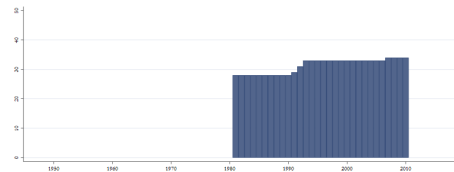
Source: Welzel's (2013: 254-263) "citizen rights index", available annually for most countries in the world from 1981 to 2010.

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: 35 n: 957  $\bar{N}$ : 32  $\bar{T}$ : 27

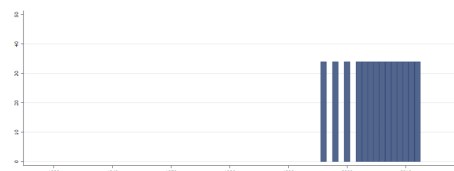
#### 4.86.2 wel\_coc Control of Corruption

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: 35 n: 490  $\bar{N}$ : 29  $\bar{T}$ : 14

#### 4.86.3 wel\_dr Democratic Rights

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: 35 n: 490  $\overline{N}$ : 29  $\overline{T}$ : 14

#### 4.86.4 wel\_edi Effective Democracy Index

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: 35 n: 490  $\overline{N}$ : 29  $\overline{T}$ : 14

#### 4.86.5 wel\_par Personal Autonomy Rights

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.

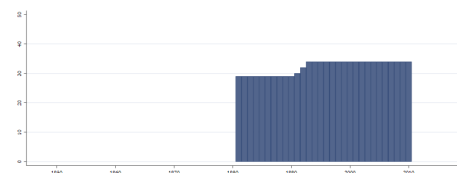
Scaling: Index scores range from 0 for the completely absent or disrespected personal autonomy rights to 1.0 for their full presence and respect, with proper fractions for intermediate positions.

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: 35 n: 983  $\bar{N}$ : 33  $\bar{T}$ : 28

### 4.86.6 wel\_ppr Political Participation Rights

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. CRI 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.

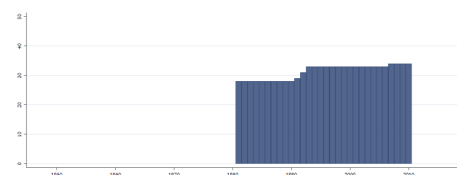
Scaling: Index scores range from 0 for completely absent or disrespected political participation rights to 1.0 for their full presence and respect, with proper fractions for intermediate positions.

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: 35 n: 957  $\bar{N}$ : 32  $\bar{T}$ : 27

### 4.86.7 wel\_regtype Regime Type

Meaning: Regime types measure the 4-fold combination of personal autonomy rights and political participation rights, resulting in four combinations.

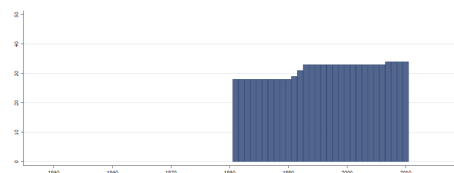
Source: Welzel, Freedom Rising (2013: 257-258). Typology is available in annual measures for most countries of the world from 1981 to 2010.

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



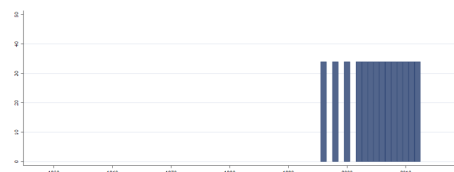
Min. Year: 1981 Max. Year: 2010  
N: 35 n: 957  $\bar{N}$ : 32  $\bar{T}$ : 27

### 4.86.8 wel\_rli Rule of Law Index

(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: 35 n: 490  $\bar{N}$ : 29  $\bar{T}$ : 14

### 4.86.9 wel\_rol Rule of Law

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: 35 n: 490  $\bar{N}$ : 29  $\bar{T}$ : 14

### 4.86.10 wel\_scalezone Scalezone on Citizen Rights

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.

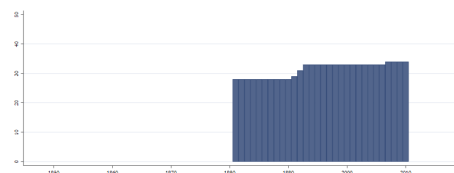
Source: Welzel, Freedom Rising (2013: 255-256). Categorization is available in annual measures for most countries of the world from 1981 to 2010.

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: 35 n: 957  $\bar{N}$ : 32  $\bar{T}$ : 27

### 4.86.11 wel\_sys Political System Type

Meaning: 4-fold system typology derived from cross-tabulating democratic rights and honest governance.

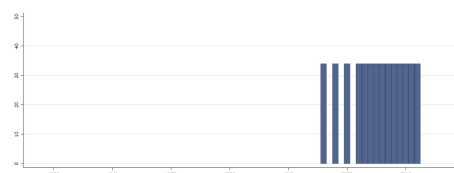
Source: Alexander and Welzel (2011); Alexander, Inglehart and Welzel (2012). Categorization is available in annual measures for most countries of the world from 1996 to 2006.

1. "Unbound Autocracy": both democratic rights and honest governance below their scale mid-points
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: 35 n: 490  $\bar{N}$ : 29  $\bar{T}$ : 14

## 4.87 World Health Organization

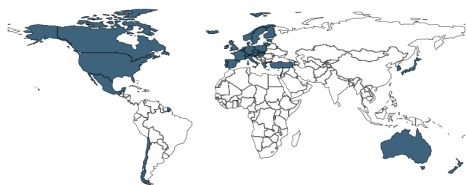
<http://www.who.int/gho/database/en/>  
(World Health Organization, 2019)  
(Data downloaded: 2019-11-18)

### Global Health Observatory data repository

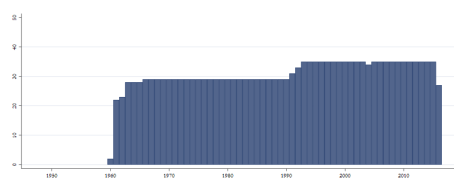
The GHO data repository is WHO's gateway to health-related statistics for its 194 Member States. It provides access to over 1000 indicators on priority health topics including mortality and burden of diseases, the Millennium Development Goals (child nutrition, child health, maternal and reproductive 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.

### 4.87.1 who\_alcohol10 Alcohol consumption per capita

Alcohol consumption per capita, all types of alcohol.

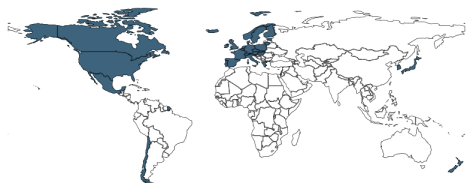


Min. Year:2013 Max. Year: 2016  
N: 36



Min. Year:1960 Max. Year: 2016  
N: 36 n: 1776  $\bar{N}$ : 31  $\bar{T}$ : 49

#### 4.87.2 who\_dwtot Population using at least basic drinking water services (%), Total Population using at least basic drinking water services (%), Total

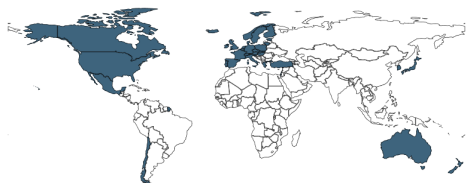


Min. Year:2016 Max. Year: 2016  
N: 34

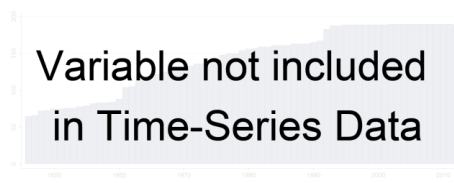


Min. Year:2000 Max. Year: 2017  
N: 34 n: 600  $\bar{N}$ : 33  $\bar{T}$ : 18

#### 4.87.3 who\_halef Healthy Life Expectancy, Female Healthy life expectancy (HALE) at birth (years), Female

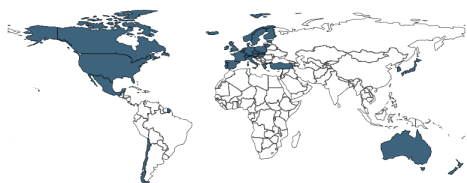


Min. Year:2016 Max. Year: 2016  
N: 36

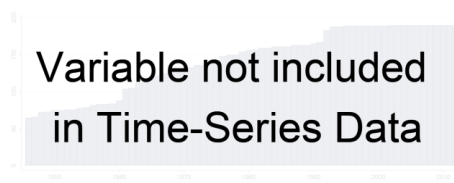


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.4 who\_halem Healthy Life Expectancy, Male Healthy life expectancy (HALE) at birth (years), Male

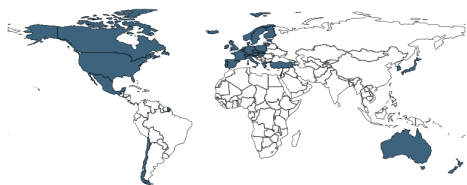


Min. Year:2016 Max. Year: 2016  
N: 36

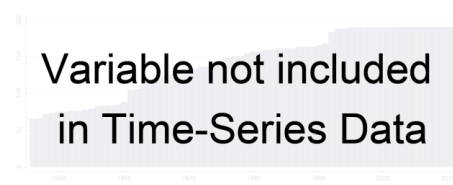


N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.5 who\_halet Healthy Life Expectancy, Total Healthy life expectancy (HALE) at birth (years), Total



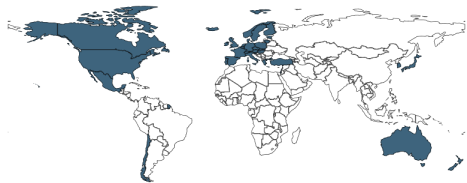
Min. Year:2016 Max. Year: 2016  
N: 36



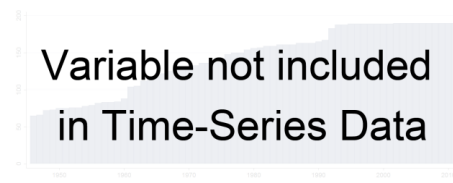
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.6 who\_homf Homicide Rate, Female

Homicide Rate, Estimates of rates of homicides per 100 000 population, Female



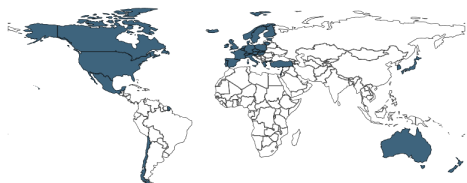
Min. Year:2016 Max. Year: 2016  
N: 36



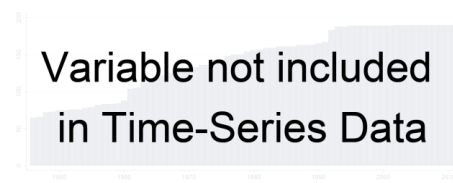
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.7 who\_homm Homicide Rate, Male

Homicide Rate, Estimates of rates of homicides per 100 000 population, Male



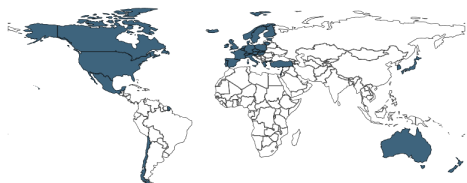
Min. Year:2016 Max. Year: 2016  
N: 36



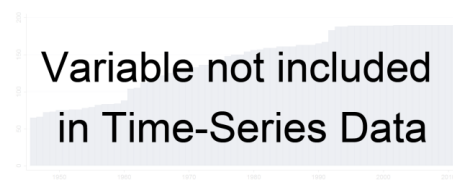
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.8 who\_homt Homicide Rate, Total

Homicide Rate, Estimates of rates of homicides per 100 000 population, Total



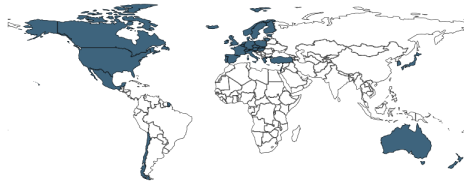
Min. Year:2016 Max. Year: 2016  
N: 36



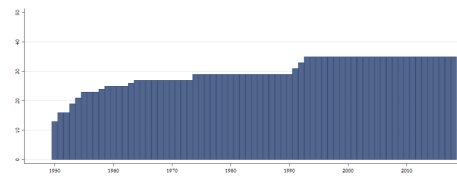
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.9 who\_infmortf Infant mortality rate, Female

Infant mortality rate - Female (probability of dying between birth and age 1 per 1000 live births)



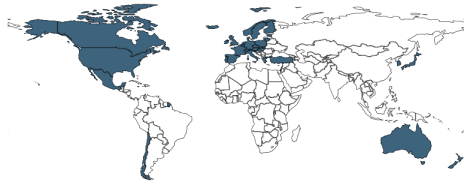
Min. Year:2016 Max. Year: 2016  
N: 36



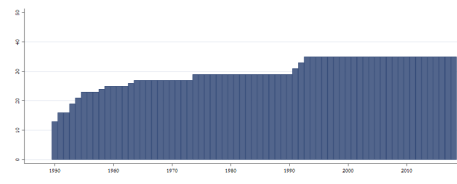
Min. Year:1950 Max. Year: 2018  
N: 36 n: 2068  $\bar{N}$ : 30  $\bar{T}$ : 57

#### 4.87.10 who\_infmortm Infant mortality rate, Male

Infant mortality rate - Male (probability of dying between birth and age 1 per 1000 live births)



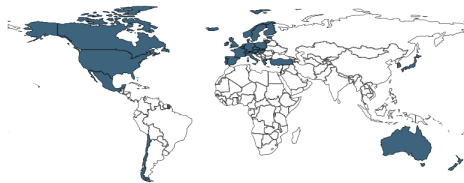
Min. Year:2016 Max. Year: 2016  
N: 36



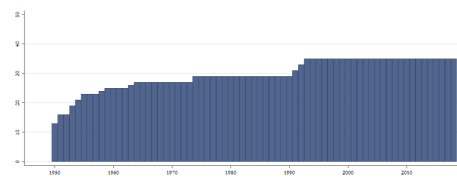
Min. Year:1950 Max. Year: 2018  
N: 36 n: 2068  $\bar{N}$ : 30  $\bar{T}$ : 57

#### 4.87.11 who\_infmortt Infant mortality rate, Total

Infant mortality rate - Total (probability of dying between birth and age 1 per 1000 live births)



Min. Year:2016 Max. Year: 2016  
N: 36

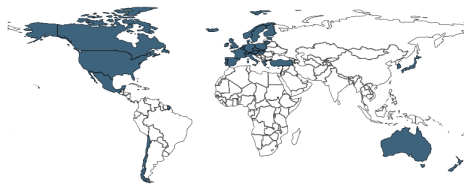


Min. Year:1950 Max. Year: 2018  
N: 36 n: 2068  $\bar{N}$ : 30  $\bar{T}$ : 57

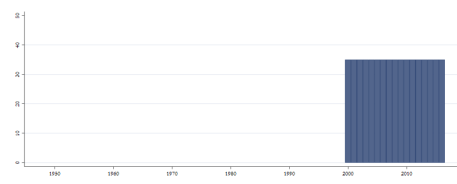
#### 4.87.12 who\_lef Life Expectancy, Female

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: 36



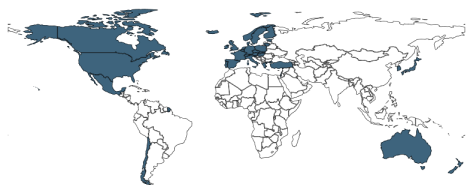
Min. Year:2000 Max. Year: 2016  
N: 36 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.87.13 who\_lem Life Expectancy, Male

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: 36

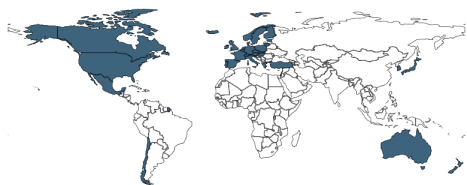


Min. Year:2000 Max. Year: 2016  
N: 36 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.87.14 who\_let Life Expectancy, Total

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.



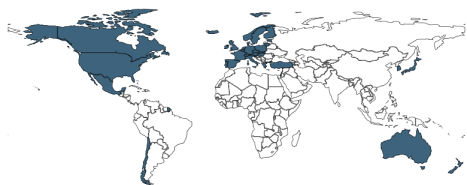
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:2000 Max. Year: 2016  
N: 36 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.87.15 who\_matmort Maternal Mortality Rate (per 100 000 live births)

Maternal Mortality Rate (per 100 000 live births)



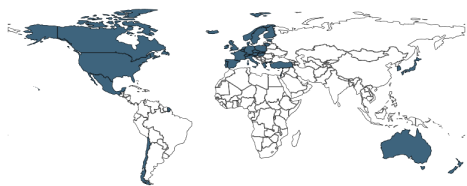
Min. Year:2016 Max. Year: 2016  
N: 36



Min. Year:2000 Max. Year: 2017  
N: 36 n: 648  $\bar{N}$ : 36  $\bar{T}$ : 18

#### 4.87.16 who\_mrf Adult Mortality Rate (per 1000 population), Female

Adult Mortality Rate (per 1000 population), Female



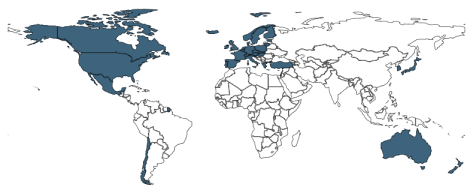
Min. Year:2016 Max. Year: 2016  
N: 36



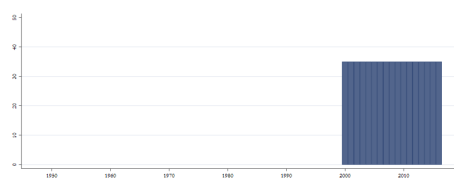
Min. Year:2000 Max. Year: 2016  
N: 36 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.87.17 who\_mrm Adult Mortality Rate (per 1000 population), Male

Adult Mortality Rate (per 1000 population), Male



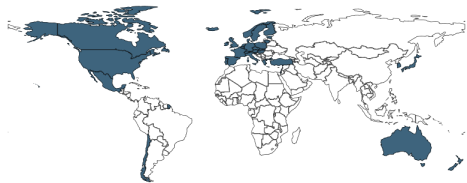
Min. Year:2016 Max. Year: 2016  
N: 36



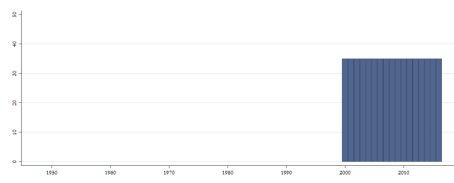
Min. Year:2000 Max. Year: 2016  
N: 36 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.87.18 who\_mrt Adult Mortality Rate (per 1000 population), Total

Adult Mortality Rate (per 1000 population), Total



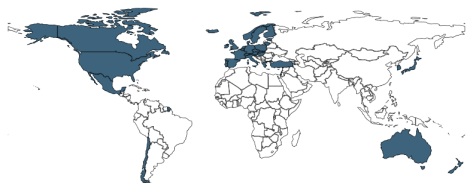
Min. Year:2016 Max. Year: 2016  
N: 36



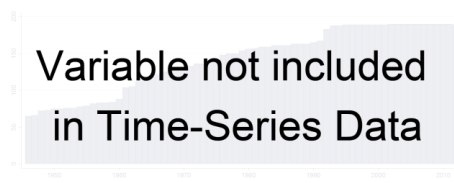
Min. Year:2000 Max. Year: 2016  
N: 36 n: 612  $\bar{N}$ : 36  $\bar{T}$ : 17

#### 4.87.19 who\_roadtrd Estimated road traffic death rate (100,000 population)

Estimated road traffic death rate (per 100 000 population)



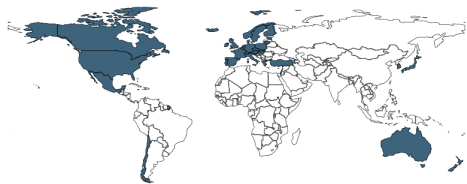
Min. Year:2013 Max. Year: 2016  
N: 36



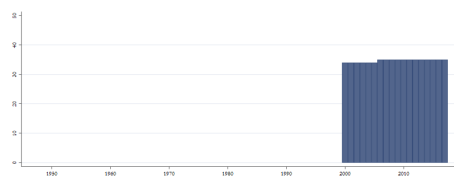
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.20 who\_sanittot Total population using basic sanitation services (%)

Total population using basic sanitation services (%)



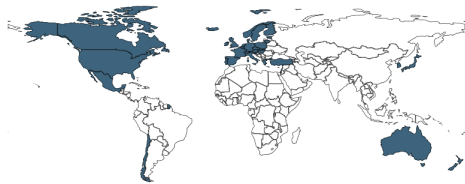
Min. Year:2016 Max. Year: 2016  
N: 36



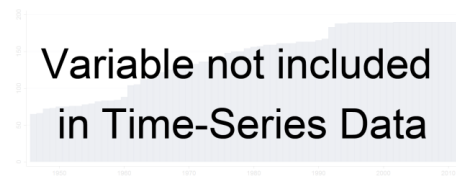
Min. Year:2000 Max. Year: 2017  
N: 36 n: 642  $\bar{N}$ : 36  $\bar{T}$ : 18

#### 4.87.21 who\_suif Suicide Rate (per 100 000 population), Female

Age-standardized suicide rates (per 100 000 population), Female



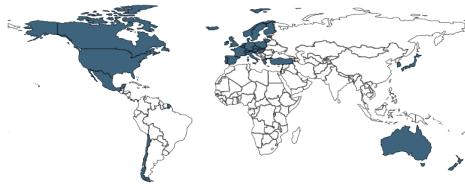
Min. Year: 2016 Max. Year: 2016  
N: 36



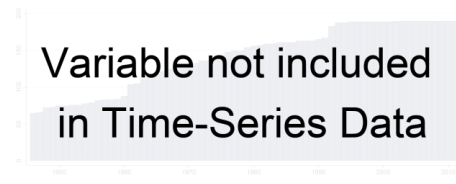
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.22 who\_suim Suicide Rate (per 100 000 population), Male

Age-standardized suicide rates (per 100 000 population), Male



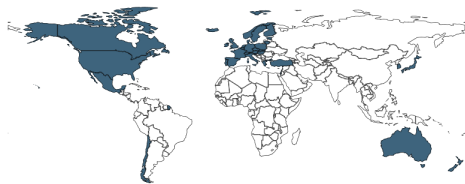
Min. Year: 2016 Max. Year: 2016  
N: 36



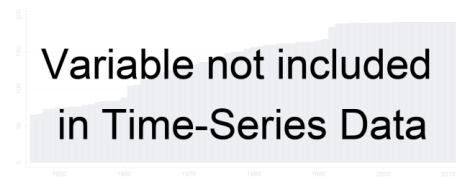
N: N/A Min. Year: N/A Max. Year: N/A  $\bar{N}$ : N/A  
 $\bar{T}$ : N/A

#### 4.87.23 who\_suit Suicide Rate (per 100 000 population), Total

Age-standardized suicide rates (per 100 000 population), Total



Min. Year: 2016 Max. Year: 2016  
N: 36



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

### 4.88 Geddes, Wright and Frantz

<http://sites.psu.edu/dictators/>  
(Geddes et al., 2014)  
(Data downloaded: 2019-06-19)

#### 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.

#### 4.88.1 wr\_nonautocracy Non-Autocracy

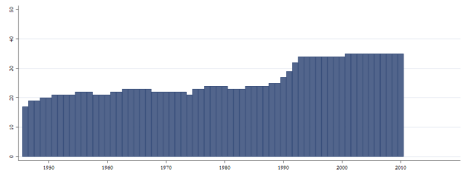
Variable on what substituted the autocracy. Classes are:

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: 36 n: 1706  $\overline{N}$ : 26  $\overline{T}$ : 47

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## 6 Appendix

Country name	ccode	ccodealp	Data from	Data to	Comment
Australia	36	AUS	1946	2018	Statute of Westminster Adopted Act 1942
Austria	40	AUT	1955	2018	The State Treaty signed in Vienna 1955
Belgium	56	BEL	1946	2018	Independence from the Netherlands recognized 1839
Canada	124	CAN	1946	2018	Statute of Westminster 1931
Chile	152	CHL	1946	2018	Independence from Spain recognized 1844
Czech Republic	203	CZE	1993	2018	Dissolution of Czechoslovakia 1993
Denmark	208	DNK	1946	2018	Consolidation 8th century
Estonia	233	EST	1992	2018	Independence restored 1991
Finland	246	FIN	1946	2018	Independence from Soviet Russia recognized 1918
France (1963-)	250	FRA	1963	2018	Algeria Independence from France 1962
Germany	276	DEU	1991	2018	Reunification 1990
Greece	300	GRC	1946	2018	Independence from the Ottoman Empire recognized 1830
Hungary	348	HUN	1946	2018	Secession from Austria-Hungary 1918
Iceland	352	ISL	1946	2018	Kingdom of Iceland 1918
Ireland	372	IRL	1946	2018	The Anglo-Irish Treaty 1921
Israel	376	ISR	1948	2018	Independence from Mandatory Palestine 1948
Italy	380	ITA	1946	2018	Unification 1861
Japan	392	JPN	1946	2018	National Foundation Day 660 BC
Korea, South	410	KOR	1948	2018	Division of Korea 1948
Luxembourg	442	LUX	1946	2018	End of Personal Union 1890
Mexico	484	MEX	1946	2018	Independence from Spain recognized 1821
Netherlands	528	NLD	1946	2018	Independence from the Spanish Empire 1815
New Zealand	554	NZL	1948	2018	Statute of Westminster Adoption Act 1947
Norway	578	NOR	1946	2018	Dissolution of union with Sweden 1905
Poland	616	POL	1946	2018	Reconstitution of Poland 1918
Portugal	620	PRT	1946	2018	Independence from Kingdom of Leon recognized 1143
Slovakia	703	SVK	1993	2018	Independence from Czechoslovakia 1993
Slovenia	705	SVN	1991	2018	Independence from Yugoslavia 1991
Spain	724	ESP	1946	2018	Nation State 1812
Sweden	752	SWE	1946	2018	Consolidation Middle Ages
Switzerland	756	CHE	1946	2018	Peace of Westphalia 1648
Turkey	792	TUR	1946	2018	Secession from the Ottoman Empire 1923
United Kingdom	826	GBR	1946	2018	Acts of Union 1707
United States	840	USA	1946	2018	Independence from the Kingdom of Great Britain recognized 1783