

Relative Political Performance Data Set Documentation

Version 2.1

Last Update: August 2013

TransResearch Consortium

This document serves as a codebook for the Relative Political Performance Data Set version 2.1 and its components, which consists of three measures: Relative Political Extraction (RPE), Relative Political Reach (RPR), and Relative Political Allocation (RPA). The definition and use of Relative Political Performance is generally discussed in Organski and Kugler (1980), Arbetman and Kugler (1997), Kugler and Tammen (2012).

To acquire the data sets, components of RPE, RPR and RPA, and the detailed codebook, please visit:

[www.performanceofnations.org](http://www.performanceofnations.org)

The recommended citation for these data sets is:

Kugler, Jacek and Ronald Tammen (2012). *Performance of Nations*. Lanham: Rowman and Littlefield.

## **NOTE ON RELATIVE POLITICAL PERFORMANCE VERSION 2.1 (2013) UPDATE**

The 2013 update for the Relative Political Performance Data Set had four main purposes. First, whenever possible, researchers re-documented the source for the data points. Second, the data is extended from 2010 to 2011. Third, the set of countries that are covered is updated, increasing the number of countries with available data. Finally, in some cases, the covered time span for the countries is improved.

### **Data Set Layout:**

#### Variables for the RPC v2.1 2013:

- IMF code: International Monetary Fund Country code (for available countries)
- TRC code: TransResearch Consortium Country code
- COW code: Correlates of War Country code (for available countries)
- UN code: United Nations Country code (for available countries)
- country: Country name
- year: Year of observation
- rpe\_agri: Relative Political Extraction, calculated using Model 1 (see below)

- rpe\_gdp: Relative Political Extraction, calculated using Model 2 (see below)
- rpe\_gdp\_oecd: Relative Political Extraction, calculated using Model 2 (see below) with the adjusted OECD data.
- rpr\_work: Relative Political Reach, calculated using Model 3 (see below)
- rpr\_eap: Relative Political Reach, calculated using Model 4 (see below)
- rpa1: Relative Political Allocation, calculated using Model 5 (see below)
- rpa2: Relative Political Allocation calculated using Model 5 (see below) with income partitions

Variables for rpc\_v2.0\_2012\_components:

- imfcode: International Monetary Fund Country code (for available countries)
- trccode: TransResearch Consortium Country code
- cowcode: Correlates of War Country code (for available countries)
- uncode: United Nations Country code (for available countries)
- country: Country name
- year: Year of observation
- tax: General Government Tax Revenues / GDP
- agri: Total agriculture revenues / GDP
- min: Total mining revenues / GDP
- exp: Value of exported goods and services / GDP
- gdppc: GDP per capita in 2005 constant US dollars
- gdppc\_ppp: Purchasing power parity converted GDP per capita in 2005 constant international dollars
- time: time trend that is equal to (year - 1960)
- includenot\_rpe: estimation inclusion dummy for rpe. Include if 1, not include if 0
- oecd: OECD membership dummy. 1 if the country is an OECD member, 0 otherwise
- rpe\_agri: Relative Political Extraction, calculated using Model 1 (see below)
- rpe\_gdp: Relative Political Extraction, calculated using Model 2 (see below)
- rpe\_gdp\_oecd: Relative Political Extraction, calculated using Model 2 (see below) with the adjusted OECD data.
- eap: Economically Active Population / Population
- unemp: Unemployment rate
- work: (Economically Active Population - Unemployment) / Population
- young: Population ages 0-14 / Total Population
- socsec: Social Security Taxes / GDP
- educ: Gross Secondary Education Attainment, per 1000 individuals
- urban: Urban Population / Total Population

- pop: Total population
- bur: Expenditures in Government Wages / Total Expenditures
- gdppc: GDP per capita in 2005 constant US dollars
- gdppc\_ppp: Purchasing power parity converted GDP per capita in 2005 constant international dollars
- time: time trend that is equal to (year - 190)
- include\_rpr: estimation inclusion dummy for rpr. Include if 1, not include if 0
- rpr\_work: Relative Political Reach, calculated using Model 3 (see below)
- rpr\_eap: Relative Political Reach, calculated using Model 4 (see below)
- gdppc: GDP per capita in 2005 constant US dollars
- secondary\_school: School enrollment, secondary (% gross)
- capital\_output\_ratio: Capital-Output ratio
- econ\_openness: Economic openness.  $(\text{export} + \text{import}) / \text{GDP}$
- gov\_consumption\_output\_ratio: General government final consumption expenditure/GDP
- gov\_consumption\_percap2005usd: General government consumption in 2005 constant US dollars
- gps\_share: General public services expenditure share per capita by the general government sector
- defence\_share: Defense expenditure share per capita by the general government sector
- public\_order\_share: Public order and safety expenditure share per capita by the general government sector
- econ\_share: Economic affairs expenditure share per capita by the general government sector
- environment\_share: Environmental protection expenditure share per capita by the general government sector
- housing\_share: Housing and community amenities expenditure share per capita by the general government sector
- health\_share: Health expenditure share per capita by the general government sector
- recreation\_share: Recreation, culture, and religion expenditure share per capita by the general government sector
- education\_share: Education expenditure share per capita by the general government sector
- social\_share: Social protection expenditure share per capita by the general government sector
- rpa1: Relative Political Allocation, calculated using Model 5 (see below)
- rpa2: Relative Political Allocation calculated using Model 5 (see below) with income partitions

**List of Countries Included and Covered Period:**

	Covered Period				
Country	rpe_agri	rpe_gdp	rpe_oecd	rpr_work	rpr_eap
Afghanistan	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Albania	1995-2011	1995-2011	1995-2011	1980-2011	1980-2011
Algeria	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
American Samoa					
Angola	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Anguilla	2006-2011	2006-2011	2006-2011		
Antigua and Barbuda	1981-2011	1981-2011	1981-2011		
Argentina	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Armenia	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Aruba	1995-2011	1995-2011	1995-2011		
Australia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Austria	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Azerbaijan	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Bahamas	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Bahrain	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Bangladesh	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Barbados	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Belarus	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Belgium	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Belize	1981-2011	1981-2011	1981-2011	1960-2011	1960-2011
Benin	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Bermuda					
Bhutan	1980-2011	1980-2011	1980-2011	1990-2011	1990-2011
Bolivia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Bosnia & Herzegovina	1999-2011	1999-2011	1999-2011	2007-2011	2007-2011
Botswana	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Brazil	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Brunei Darussalam					
Bulgaria	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Burkina Faso	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Burundi	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Cambodia	1998-2011	1998-2011	1998-2011	1998-2011	1998-2011
Cameroon	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Canada	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011

Cape Verde	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Cayman Islands					
Central African Rep.	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Chad	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Chile	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
China, P.R.: Hong Kong					
China, P.R.: Macao					
China, P.R.: Mainland	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Colombia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Comoros	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Congo, Dem. Rep, Of	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Congo, Republic Of	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Costa Rica	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Cote D Ivoire	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Croatia	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Cuba					
Cyprus	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Czech Republic	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Denmark	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Djibouti	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Dominica					
Dominican Republic	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Ecuador	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Egypt	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
El Salvador	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Equatorial Guinea	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Eritrea	1992-2011	1992-2011	1992-2011	1980-2011	1980-2011
Estonia	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Ethiopia	1975-2011	1975-2011	1975-2011	1960-2011	1960-2011
Faeore Islands					
Fiji	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Finland	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
France	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
French Polynesia					
Gabon	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Gambia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Georgia	1997-2011	1997-2011	1997-2011	1997-2011	1997-2011
Germany	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011

Ghana	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Greece	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Greenland					
Grenada					
Guam					
Guatemala	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Guinea	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Guinea-Bissau	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Guyana	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Haiti	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Honduras	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Hungary	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Iceland	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
India	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Indonesia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Iran	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Iraq	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Ireland	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Israel	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Italy	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Jamaica	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Japan	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Jordan	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Kazakhstan	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Kenya	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Kiribati					
Korea, Republic Of	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Kuwait	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Kyrgyz Republic	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Lao People's Dem.Rep	1996-2011	1996-2011	1996-2011		
Latvia	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Lebanon	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Lesotho	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Liberia		1960-2011	1960-2011	1960-2011	1960-2011
Libya	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Lithuania	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Luxembourg	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Macedonia, Fyr	1997-2011	1997-2011	1997-2011	1991-2011	1991-2011

Madagascar	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Malawi	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Malaysia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Maldives	1975-2011	1975-2011	1975-2011		
Mali	1980-2011	1980-2011	1980-2011	1960-2011	1960-2011
Malta	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Marshall Islands					
Mauritania	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Mauritius	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Mexico	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Micronesia, Fed.Sts.					
Moldova	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Mongolia	1991-2011	1991-2011	1991-2011	1980-2011	1980-2011
Montenegro, Rep. Of					
Montserrat					
Morocco	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Mozambique	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Myanmar	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Namibia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Nauru					
Nepal	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Netherlands	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Netherlands Antilles					
New Caledonia					
New Zealand	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Nicaragua	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Niger	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Nigeria	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Norway	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Oman	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Pakistan	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Palau					
Panama	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Papua New Guinea	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Paraguay	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Peru	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Philippines	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Poland	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011

Portugal	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Qatar	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Romania	1991-2011	1991-2011	1991-2011	1980-2011	1980-2011
Russia	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Rwanda	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Samoa					
San Marino	2002-2011	2002-2011	2002-2011		
Sao Tome & Principe	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Saudi Arabia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Senegal	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Serbia & Montenegro	1997-2011	1997-2011	1997-2011		
Seychelles	1960-2011	1960-2011	1960-2011		
Sierra Leone	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Singapore	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Slovak Republic	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Slovenia	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
Solomon Islands					
Somalia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
South Africa	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Spain	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Sri Lanka	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
St. Kitts And Nevis	1983-2011	1983-2011	1983-2011		
St. Lucia					
St. Vincent & Grens.	1979-2011	1979-2011	1979-2011		
Sudan	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Suriname	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Swaziland	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Sweden	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Switzerland	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Syrian Arab Republic	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Tajikistan	1998-2011	1998-2011	1998-2011		
Tanzania	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Thailand	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Timor-Leste					
Togo	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Tonga					
Trinidad and Tobago	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Tunisia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011

Turkey	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Turkmenistan					
Uganda	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Ukraine	1991-2011	1991-2011	1991-2011	1991-2011	1991-2011
United Arab Emirates	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
United Kingdom	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
United States	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Uruguay	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Uzbekistan	1990-2011	1990-2011	1990-2011		
Vanuatu					
Venezuela	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Vietnam	1979-2011	1979-2011	1979-2011		
Yemen, P.D. Rep.					
Yemen, Republic Of	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Zambia	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011
Zimbabwe	1960-2011	1960-2011	1960-2011	1960-2011	1960-2011

Coverage for RPA: RPA estimation of 156 countries from 1970 to 2010. The number of total observations is 3828. A subset of the component data is available as well. The exact number of record in any time in this collection is dependent upon the availability of primary data sources including (1) World Development Indicator (WDI) by World Bank (WB), (2) National Accounts Estimates of Main Aggregates by United Nations Statistics Division (UNSD), (3) Global Indicator Database by United Nations Statistics Division (UNSD) and (4) Government Finance Statistics (GFS) by International Monetary Fund (IMF).

## COMPONENTS OF RELATIVE POLITICAL PERFORMANCE

### Relative Political Extraction:

RPE approximates the ability of governments to appropriate portions of the national output to advance public goals.

Two equations are used to estimate RPE:

Developing societies (Model 1) (rpe\_agri):

$$\frac{\text{Tax}}{\text{GDP}} = \alpha + \beta_1(\text{time}) + \beta_2\left(\frac{\text{Mining}}{\text{GDP}}\right) + \beta_3\left(\frac{\text{Agriculture}}{\text{GDP}}\right) + \beta_4\left(\frac{\text{Exports}}{\text{GDP}}\right) + \beta_5(\text{OECD}) + \beta_6(\text{Inclusion Dummy}) + \varepsilon$$

Developed societies – General Sample (Model 2) (rpe\_gdp):

$$\frac{\text{Tax}}{\text{GDP}} = \alpha + \beta_1(\text{time}) + \beta_2\left(\frac{\text{Mining}}{\text{GDP}}\right) + \beta_3\left(\frac{\text{Exports}}{\text{GDP}}\right) + \beta_4(\text{GDP per capita}) + \beta_5(\text{OECD}) + \beta_6(\text{Inclusion Dummy}) + \varepsilon$$

where

Tax / GDP = General Government Tax Revenues / GDP

Mining / GDP = Total mining revenues / GDP

Agriculture / GDP = Total agriculture revenues / GDP

Exports / GDP = Value of exported goods and services / GDP

GDP per capita = GDP per capita in 2005 constant US dollars

OECD = Dummy variable, which takes 1 if the country is an OECD member, 0 otherwise

Inclusion Dummy = Dummy variable, which takes 1 if the country is to be included in the regression, 0 otherwise<sup>1</sup>

### Relative Political Reach:

RPR gauges the capacity of governments to mobilize populations under their control.

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<sup>1</sup> Cases that are included are selected based on data availability and quality.

The equations that is used to estimate RPR:

Model 3 (rpr\_work):

$$\begin{aligned} \frac{\text{Activity Rate}}{\text{Population}} = & \alpha + \beta_1(\text{time}) + \beta_2(\text{Education}) + \beta_3(\text{Young Population}) \\ & + \beta_4(\text{Social Security}) + \beta_5(\text{Urbanization}) + \beta_6(\text{Populaton}) + \beta_7(\text{GDP per Capita}) \\ & + \beta_8(\text{Bureaucracy}) + \beta_9(\text{Inclusion Dummy}) + \varepsilon \end{aligned}$$

Model 4 (rpr\_eap):

$$\begin{aligned} \frac{\text{EAP}}{\text{Population}} = & \alpha + \beta_1(\text{time}) + \beta_2(\text{Education}) + \beta_3(\text{Young Population}) \\ & + \beta_4(\text{Social Security}) + \beta_5(\text{Urbanization}) + \beta_6(\text{Populaton}) + \beta_7(\text{Unemployment}) \\ & + \beta_8(\text{GDP per Capita}) + \beta_9(\text{Bureaucracy}) + \beta_7(\text{Inclusion Dummy}) + \varepsilon \end{aligned}$$

where

Activity Rate / Population = (Economically Active Population - Unemployment) / Population

EAP / Population = Economically Active Population / Population

Education = Secondary Education Attainment

Young Population = Population ages 0-14 / Total Population

Social Security = Social Security Taxes / GDP

Urbanization = % Urban

Population = Total Population

Unemployment = Unemployment rate

GDP per Capita = GDP per capita in 2005 constant US dollars

Bureaucracy = Expenditures in Government Wages / Total Expenditures

Inclusion Dummy = Dummy variable, which takes 1 if the country is to be included in the regression, 0 otherwise<sup>1</sup>

**Relative Political Allocation:**

Relative Political Allocation is a composite indicator to measure how public expenditures are prioritized in the government budget. RPA identifies the gaps between actual expenditures and the “best” expenditures that maximize economic growth on any portion of the development path.

The conception of political allocation reflects public sector expenditures on security, infrastructure, education, health, housing or welfare compared to the optimal that maximizes economic growth. Such allocations echo the explicit choices governments make in distributing public goods and relate them to economic performance. The idea is that at each levels of development, either over or under-allocating sectorial resources will hinder societies’ path to prosperity.

(1) For the first step, we define each country’s distinct production function that specifies the output of an entire economy for all combination of total factor productivity, capital and government budget allocation. This social production function denotes the political economic process of converting private capital inputs and public spending into total income of the society. In a simple case, a country’s economic output per capita,  $y$ , is produced with the following Cobb-Douglas combination of the total-factor productivity,  $A$ , the capital-output ratio,  $K/Y$ , and the public expenditure shares,  $g$  :

$$y = A \left( \frac{K}{Y} \right)^\alpha \prod_j g_j^{\beta_j} , \quad 0 < \alpha, \beta < 1$$

where  $j$  indexes 9 key government functions classified by the UN system of national accounts (Classification of the Functions of Government, COFOG).<sup>2</sup> Specifically, the public expenditure shares are decomposed into a portfolio of nine different dimensions: General Public Spending, Defense, Public Ordering, Economic Affairs, Housing, Health, Recreation<sup>3</sup>, Education, and Social Protection. How much a government spends in each budget category reflects their

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<sup>2</sup> We follow original COFOG criterion published by UN in 1980 to extend the temporal span of data. This classification defines 9 government functionalities including general public spending, defense, public order, economic affairs, housing, health, recreation & culture, education, and social protection. The public expenditure share for environment affairs, which was first introduced in 1997, are not considered in our estimation due to data compatibility.

<sup>3</sup> Recreation was not included in the previous version of RPA (ver 1.0)

political choices and priorities to provide output value to society. The government budget that maximizes growth is estimated based on different combinations of these expenditure categories that vary with the level of development achieved by each society.

(2) The condition of profit maximization shows that a government can maximize the total output by allocating its public expenditures in accordance with the optimal ratios defined as:

$$\beta_j = \frac{g_j^*}{y}$$

We recognize that the public expenditure share that enters the function with higher power is more productive than others with lower powers. This implies that a government can improve its economic performance by adopting an alternative fiscal policy strategy to increase the expenditure of public sectors with the higher  $\beta$  coefficients while to limit public spending on other sectors with the lower  $\beta$  s. In other words, the estimated coefficient can yield an indication of the extent to which an optimal production input share deviates from actual input shares given production function.

(3) Based on Battese and Coelli (1995)'s method<sup>4</sup>, we estimate the frontier production function with optimal spending ratios reflected in beta coefficients:

Model 5 (rpa1):

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<sup>4</sup> Battese, G.E., and T.J. Coelli. 1995. "A Model for Technical Inefficiency Effects in a Stochastic Frontier Production Function for Panel Data." *Empirical Economics*, 20 (2).

lnGDP per capita =

$$\begin{aligned} & \alpha_0 + \alpha_1 \ln\left(\frac{\text{Capital}}{\text{GDP}}\right) + \alpha_2 \ln\left(\frac{\text{Export+Import}}{\text{GDP}}\right) + \alpha_3 \ln(\text{SecondaryEnrollment}) + \alpha_4 \ln\left(\frac{\text{GovConsumption}}{\text{GDP}}\right) \\ & + \beta_1 \ln(\text{GeneralPublic/cap}) + \beta_2 \ln(\text{Defense/cap}) \\ & + \beta_3 \ln(\text{PublicOrder/cap}) + \beta_4 \ln(\text{EconAffair/cap}) + \beta_5 \ln(\text{Housing/cap}) \\ & + \beta_6 \ln(\text{Health/cap}) + \beta_7 \ln(\text{Recreation/cap}) + \beta_8 \ln(\text{Education/cap}) \\ & + \beta_9 \ln(\text{SocialSecurity/cap}) + \varepsilon \end{aligned}$$

Where

- a. GDP per capita: Per capita Gross Domestic Product(GDP)
- b. Capital/GDP: Capital-Output ratio as capital intensity. Gross Capital Formation (GCF)/Gross Domestic Product (GDP)
- c. (Export+Import)/GDP: Economic Openness as Open-macro characteristic.
- d. Secondary School Enrollment Gross Ratio: Human capital.
- e. General Government Final Consumption Expenditure/GDP: The size of public sector.
- f. GeneralPublic/cap: the ratio of general public service sector spending to total public spending \* general government final consumption expenditure / population
- g. Defense/cap: the ratio of defense sector spending to total public spending \* general government final consumption expenditure / population
- h. PublicOrder/cap: the ratio of public order sector spending to total public spending \* general government final consumption expenditure / population
- i. EconAffair/cap: the ratio of economic affairs sector spending to total public spending \* general government final consumption expenditure / population
- j. Housing/cap: the ratio of housing sector spending to total public spending \* general government final consumption expenditure / population
- k. Health/cap: the ratio of health sector to total public spending \* general government final consumption expenditure / population
- l. Recreation/cap: the ratio of recreation sector spending to total public spending \* general government final consumption expenditure / population (Note: Not included in the previous version of RPA)
- m. Education/cap: the ratio of education sector spending to total public spending \* general government final consumption expenditure / population

- n. Social Security/cap: the ratio of social security sector spending to total public spending \*  
general government final consumption expenditure / population

(4) We examine two alternative estimations of the optimal allocative ratios (i.e., the coefficients of  $\beta$  ) by running separate regressions on different samples.

a. The first “comprehensive” estimation for RPA1: This estimate is obtained from a regression over all countries for which data is available. This estimate reflects general relationship between fiscal spending portfolio and economic growth.

b. The second “partitioned” estimation for RPA2: This estimate is calculated from 4 different regressions over 4 sub-samples of countries, which are partitioned into 4 different income levels following the World Bank income classifications – (i) less than \$1000 GDP per capita, (ii) \$1000 to \$4000, (iii) \$4000 to \$12000, and (iv) more than \$12000. This estimate controls various level of development across the countries and provide particular policy guidance tailored for specific country.

(5) With obtained the coefficients of  $\beta$  , we construct a distance function as a “social allocative inefficiency score” for each country to measure difference between and the optimal public spending ratios. The social allocate inefficiency for each public sector k is defined as

$$\left| \frac{\beta_k}{\sum \beta} - \frac{\text{public spending on } k}{\text{Total public spending}} \right| . \text{ By summing up all absolute distance values for every public sector,}$$

then we obtain the “social inefficiency” score for each country.

(6) For the final step, we then calculate the Relative Political Allocation (RPA) index from the obtained allocation inefficiency scores as follows:

$$RPA_i = \frac{1}{(i's \text{ Social Inefficiency} / \text{Average of Social Inefficiency})}$$

To maintain consistency with RPE and RPR, the public release version of RPA is approximately normalized to 1 as average by using individual social inefficiency divided by its mean value.

As discussed in (4), we have two alternative measures of RPA:

- RPA1 is calculated from a result from a whole sample regression (showing general relationships).
- RPA2 is calculated from 4 different results of income level specific group regressions – less than \$1000 GDP per capita, \$1000 to \$4000, \$4000 to \$12000, and more than \$12000 (controlling level of development and providing particular policy guidance).

## **GENERAL CONSIDERATIONS**

### **Data Collection**

Sources for RPC are chosen on the basis of consistent reliable data that is reported regularly and in comparable units. Sources share some standardization in reporting format and methods (e.g., the IMF, World Bank, OECD). The World Bank used to be the depository of all data collection; however, since 1972 the IMF has assumed responsibility for the collection. The IMF relies on national reporting—countries fill out forms required by the IMF and the IMF does not necessarily audit the data. Data can be reported and then updated by countries of origin, resulting in differences for IMF reporting for a country at different times. As is the case with any data reliant on national reporting, accuracy is not guaranteed; however, the data are consistent. Certainly more transparent countries and those with established internal checks and balances tend toward greater accuracy in reporting. Political objectives such as external debt may contribute to inaccuracy in reporting for some countries, even countries that are considered developed, as well. Countries facing these problems may create ghost accounts in order to appear to be in better circumstances to external parties, resulting in inaccuracy in the most recent data. These reporting variances are typically adjusted with the passage of time. Updates in RPC require going back five years to assess and correct all of these reporting errors. National Central Bank reports and figures can also be used to fill holes in IMF reporting.

In some instances, different institutions stop reporting particular items or alter reporting mechanisms. Tax structures can dramatically change, as can currencies. When these changes occur, transition years can contain reporting under each structure or both currencies, making it difficult to consistently look at the measure.

### **Methodology for Overlapping Time Series**

Comparisons of the rate of change are an initial starting point for making comparisons between series. Series often reflect different measurement units or methods. Consistency in the variance in observations contained in both series can be a basis for some confidence that the series are capturing the same variables. Relying on the most recent and reliable data points and applying the rate of change from older sources prevents artificial introduction of variance created

by differing measurement techniques or reporting agencies. Historical sources must be referenced in order to assure that steady change is occurring, and fluctuations are not a result of changing data sources, differing conversion factors, or introduction of new components. The occurrence of dramatic or drastic change such as a coup, financial crisis, or natural disaster can massively affect the rate of revenue collection and national expenditure.

## **Quality Control**

As in any other data collection situation we need to look at reliability and validity. The accuracy of the sources and the quality of the transcription of the data are of utmost importance. But there are also problems related to the level of change from year to year of the data that cannot be accounted for by a normal trend. For example, countries that suffer from high level of inflation might report data at different times of the year that are not comparable. Countries might change their currencies and the same problem presents: those two pieces of information are not comparable. These problems are usually highlighted when we work with ratios. Ratios that are very different raise a red flag to check for the reason for the outlier and permit us to “translate” all the information to common “currency.” Another problem that often presents is the change of accounting systems.

So for quality control, working with absolute numbers in developing countries might lead us to ignore problems of the data itself. Of course, problems related to politics or natural disasters have their own explanations.

## **EMPIRICAL CHALLENGES**

Demographic and economic data can suffer from poor reporting and variance in reporting, particularly in countries without strong institutions that collect information on regular basis. Countries experiencing high levels of conflict may experience long periods of time without complete or even partial census taking place. Even in countries characterized by strong institutions and transparency, changes in accounting can contribute to the distortion of revenue figures and economic data. Inflation also contributes to the distortion of revenues and the

allocation of expenditures and makes the reporting date an important issue, although monthly deflators correct these fluctuations.

An additional problem evident with census data is that predictable but frequent intervals in census data require some filling of the data in order for a complete cross-sectional time series data set. Some secondary sources are available to fill in additional years; however, some variance is lost. In the current estimation, we used linear estimation techniques on a country by country basis.

Tax revenues can suffer from poor reporting and variance in reporting, particularly in countries without strong financial institutions that collect information on regular basis. Even in countries characterized by strong institutions and transparency, changes in accounting can contribute to the distortion of revenue figures. Inflation also contributes to the distortion of revenues and the allocation of expenditures and makes the reporting date an important issue, although monthly deflators correct these fluctuations.

Social security also suffers from inaccuracy in reporting, and the differences between and within countries (e.g., the elimination or implementation of a social security program, changes in the structure of collection and disbursement) compound the difficulty in accurate measurement across societies. At the same time, some countries have semi-privatized or privatized systems, making inter-country comparisons more challenging. For the same reason, health expenditures also are difficult to measure comparatively across societies. Countries have different mixes of private and public health care systems that drastically alter the level of expenditures on health care by individual governments. These same countries change the degree of government involvement in health care provision over time, and different budget line items may be included under the umbrella of health care in some countries that may fall under other social services in others (e.g., hospice care and nursing homes in Scandinavian countries are included in health care expenditures—these are frequently private expenses in other countries). Although health expenditures have also been attached to developed countries' array of policy choices (private vs. public), more and more developing countries are making similar decisions both in social security and health.

Education data are often reported by national sources. Although we use a cross-national base for the data, we do rely on national sources for large amounts of the remaining required

data. National governments can be politically motivated to inflate or address these education measures, a problem that occurs with the more historical data. Increased transparency and governance data collection efforts, in addition to more widespread survey research conducted cross-nationally, provide triangulation points for much of the current data. Fortunately, we are able to identify where historical numbers are grossly inflated by evaluating country by country trends over time. A final issue occurs with the definition of secondary education. While cross-national sources do contain consistent definitions for this measure, some national governments have different divisions for primary, secondary, and tertiary education levels.

### **Sample Size**

There is a trade-off between expansion of the sample to include all countries and accuracy in the data. For some countries, particularly extremely poor developing countries, accurate reporting of the components of RPC for the duration of the series is difficult to obtain. Inaccuracies in the data and gaps in reporting both influence whether data within a given country is reliable. Ex-Soviet republics and Eastern European countries reported net material product until the mid-1980s, and those series are difficult to convert back to the 1960s, when our data collection starts, to GNP or GDP. Mainly for this reason, but also because of the fundamental differences in general economic structure, we started adding these countries after 1991, at the cost of having shorter time series.

At the same time, the model requires a large sample in order to be accurate. Without a sufficiently large sample, the establishment of a relative model does not yield results that reflect the capability of a country in comparison to others in the international system. A goal of data collection and extension of this data set should be to expand the sample to cover more countries in the world for the duration of the series. Improvements in transparency, reporting, and information access greatly facilitate this goal. This relative model has relevance when tested within large samples. The smaller and the more homogeneous the sample, the less variance, resulting in predicted values that are not that different from actual values. This is a problem, especially when the availability of data for developed countries is greater than for underdeveloped countries. The need for data for developing countries should not be dismissed, and often it is better to make assumptions and accept lower quality data than to reject those series

altogether. For these reasons, linear interpolations, moving averages, or best guesses based on the existing data and other indicators are used in some cases. These data points are reported in detail in country tables below.

## **MAJOR DATA SOURCES**

Relative Political Performance data set has been a work in progress for over 30 years. Relative capacity of governments was first used by Organski and Kugler (1980) with the argument that the ability of a government to mobilize the resources of its population represents a critical component in the ability to effectively wage war. Since then, the RPC went through some major updates. This update relies heavily on these previous versions. Specifically, there are three previous data sets that are used as the foundations for the RPE part of this this update. The first one is the BEST data set, which consists of the original collections of Jacek Kugler, and was used in Organski et al. (1984), Birth, Deaths and Taxes. The second one is the 1995 update to RPC, which is mainly used in Arbetman and Kugler (1997), Political Capacity and Economic Behavior. The third one is the most recent update, which is described in more detail in Arbetman and Johnson (2008a). Arbetman and Johnson (2008b) served as the foundation data set for the update for RPR. In addition to these, the aforementioned general sources are used to update and extend the dataset. Description and the main sources used for each variable are explained in the next sections.

## **COMPONENTS AND PRIMARY SOURCES FOR RELATIVE POLITICAL EXTRACTION**

### **Tax Ratio**

Whenever possible, The IMF Statistics Department's Government Finance Statistics Manual 2001 (GFSM 2001) definition of general government tax revenues is used for tax revenue data collection. Thus, tax revenues are “composed of compulsory transfers to the general government sector. Certain compulsory transfers, such as fines, penalties, and most social security contributions, are excluded from tax revenue. Refunds and corrections of erroneously collected tax revenue have the appearance of transactions that decrease the net worth of the

government unit imposing the tax. More accurately, they are adjustments that allow the excessive increase in net worth previously recorded to be corrected. As such, these transactions are treated as negative revenue” (IMF, 2001). Alternatively, in older datasets, “Tax Revenue = Total Revenue – Total Social Security Revenue – Total Nontax Revenue” is used to calculate the tax revenues. Tax ratios are calculated using dividing tax revenues by GDP.

The main source used for tax ratio data is IMF’s government finance statistics. When available, general government tax data is taken from the latest version of Government Finance Statistics (GFS) Online (July 2013 version) or December 2011 GFS CD-Rom. We also benefited from individual country reports for years after 1995 based on availability. These reports were especially useful to improve the accuracy of the data by showing its breakdowns, especially for highly petroleum producing countries. As an alternative, we used the OECD data from OECD’s iLibrary for countries that have been members for at least 10 years, considering the improved accuracy for those countries.

For years where data for the central government was available whereas data for the general government was not, we used the rate of changes of central government data to extend the data back. The previous RPC datasets are also used to extend the data back. Among these, Arbetman and Johnson (2008a) used IMF GFS for years 1972-2005, World Bank for 1960-1972, and overlapping series and national sources for the cases where data was missing. Arbetman and Kugler (1997) used GFS Yearbooks from various years. In line with these, Organski et al (1984) data consists mainly of World Bank and OECD data from 1975-1977. We also benefited from World Bank World Development Indicators (2012), but used this also mainly for rate of changes since it reports central government revenues. When no other data was available, we used the rate of changes of revenue statistics from Banks (2002) and taxes on production and imports divided by GDP from United Nations Statistics Division National Accounts Official Country Data (2011a)<sup>5</sup>, as they are rough representations of general tax revenues. Linear interpolations are used for gap years where we had data points before and after missing years. Best guesses or 3 year moving averages are used when necessary for extrapolations.

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<sup>5</sup> This data was available in national currencies, and divided by current GDP in national currency from the same source (United Nations Statistics Division, 2011b).

## **Agriculture**

Share of agriculture in total economy “corresponds to International Standard Industrial Classification (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 ISIC, revision 3. Note: For VAB countries, gross value added at factor cost is used as the denominator” (World Bank, 2012)<sup>6</sup>.

The main source used for agriculture is UN National Accounts Main Aggregates (United Nations Statistics Division, 2013a). For cases not available in this data set, we used UN National Accounts Official Country Data (United Nations Statistics Division, 2011d)<sup>7</sup>, World Bank World Development Indicators (2012, 2013), Arbetman and Kugler (1997), which relied on World Bank World Tables, Arbetman and Johnson (2008a), which used IMF GFS for years 1972-2005, World Bank for 1960-1972, and overlapping series and national sources for the cases where data was missing, and Organski et al (1984), which mainly relied on World Bank data from 1975-1977. These alternative sources are often used for rate of changes to extend the data back. Linear interpolations are used for gap years where we had data points before and after missing years. Best guesses or 3 year moving averages are used when necessary for extrapolations.

## **Mining**

Share of mining in total economy corresponds to “include the extraction of minerals occurring naturally as solids (coal and ores), liquids (petroleum) or gases (natural gas). Extraction can be achieved by underground or surface mining or well operation” as defined by ISIC Rev.3.1 code C (United Nations Statistics Division, 2012b).

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<sup>6</sup> Note that this definition is in line with the descriptions of OECD glossary of statistical terms (OECD, 2012), the System of National Accounts (United Nations, 1993) and the UN classifications registry (United Nations Statistics Division, 2012a).

<sup>7</sup> This data was available in national currencies, and divided by current GDP in national currency from the same source (United Nations Statistics Division, 2011b).

The main source used for mining is UN National Accounts Official Country Data (United Nations Statistics Division, 2011d)<sup>8</sup>. In version 2.1, we updated the data from 2005 using the last version of UN National Accounts Official Country Data (United Nations Statistics Division, 2013b) to make sure the adjustments in the data for the last years are taken into account. For cases not available in this data set, World Bank World Development Indicators (2012 & 2013) (mineral rents/gdp), Arbetman and Kugler (1997), which relied on World Bank World Tables, Arbetman and Johnson (2008a), which used IMF GFS for years 1972-2005, World Bank for 1960-1972, and overlapping series and national sources for the cases where data was missing, Organski et al (1984), which mainly relied on World Bank data from 1975-1977, and (mining, manufacturing and utilities – manufacturing ) calculation from UN National Accounts Main Aggregates (United Nations Statistics Division, 2011c) . These alternative sources are often used for rate of changes to extend the data back. Linear interpolations are used for gap years where we had data points before and after missing years. Best guesses or 3 year moving averages are used when necessary for extrapolations.

## **Exports**

Share of exports of goods and services in total economy “represents 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” (World Bank, 2012).

The main source used for agriculture is UN National Accounts Main Aggregates (United Nations Statistics Division, 2013a). For cases not available in this data set, we used World Bank World Development Indicators (2012, 2013), Arbetman and Kugler (1997), which relied on World Bank World Tables, Arbetman and Johnson (2008a), which used IMF GFS for years 1972-2005, World Bank for 1960-1972, and overlapping series and national sources for the cases where data was missing, and Organski et al (1984), which mainly relied on World Bank data

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<sup>8</sup> This data was available in national currencies, and divided by current GDP in national currency from the same source (United Nations Statistics Division, 2011b).

from 1975-1977. These alternative sources are often used for rate of changes to extend the data back. Linear interpolations are used for gap years where we had data points before and after missing years. Best guesses or 3 year moving averages are used when necessary for extrapolations.

## **GDP Per Capita**

“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” (World Bank, 2012).

The Per capita is measured in constant 2005 dollars. The base series used is from the World Bank (2013). We also provided the purchasing power parity (PPP) converted GDP per capita in 2005 constant international dollars, mainly taken from Penn World Tables (Heston et al, 2009) despite the fact that we did not use it in our calculations. Theoretically, GDP per capita at PPP can also be used to calculate RPC. We didn't use Penn World Tables 8.0 due to the direct provision of the GDP per capita data. Calculating GDP per capita using separate GDP and population variables are known to cause instabilities in the data at some cases. Therefore, we continued using Penn World Tables 7.0 and supported it with World Bank's (2013) PPP data as well as Penn World Tables 8.0 for rate of changes for the recent years' updates. In order to complete the rest of the series, these two series and overlapping series including the World Development Indicators (1960–2005), Maddison (2008) and national sources, as well as rate of changes of constant and PPP values used for extrapolations.

## **COMPONENTS AND PRIMARY SOURCES FOR RELATIVE POLITICAL REACH**

### **Economically Active Population**

“The economically active population comprises all persons of either sex who furnish the supply of labor for the production of goods and services during a specified time-reference period. According to the 1993 version of the System of National Accounts, production includes all

individual or collective goods or services that are supplied to units other than their producers, or intended to be so supplied, including the production of goods or services used up in the process of producing such goods or services; the production of all goods that are retained by their producers for their own final use; the production of housing services by owner-occupiers and of domestic and personal services produced by employing paid domestic staff” (International Labour Organization, 2012b).

We use economically active population / total population for the calculation of the ratios. Economically Active Population data primarily comes from Arbetman and Johnson (2008b), which relies on Taylor and Jodice (1982) and International Labour Organization, with overlapping series from World Development Indicators, United Nations Demographic Yearbooks (particularly UN population projections 2010), National Census, and Banks’ Cross National Time Series Archive. Updates were implemented using rate-of change extrapolations from International Labour Organisation (2011), United Nations Food and Agriculture Organization (2013c), and World Bank (2013) for missing data years. Best guesses or 3 year moving averages are used when necessary for extrapolations.

## **Unemployment**

Unemployment basically refers to “share of the labor force that is without work but available for and seeking employment” (World Bank, 2012). Although the definition can change of country to country, we tried to implement the general international definition (International Labour Organization, 2012c). Unemployment data is appropriated from World Bank 2012 data, using rate-of-change extrapolations from Central Intelligence Agency (2001-2011) and International Monetary Fund (2013). Linear interpolations are used for gap years where we had data point before and after missing years. Best guess or 3 year moving averages are used when necessary for extrapolations.

## **Activity Rate**

We calculated activity rate (“work” in the dataset) by subtracting unemployment rate from economically active population rate, for years which both of these are available. When at

least one of these was unavailable, we considered activity rate as missing. Ideally we should have subtracted the ratio of part time workers to total population, but since this data was unavailable for most of the cases, and is often very small, we did not include it in our calculations at this time.

## **Young Population**

Young population refers to “population between the ages 0 to 14 divided by the total population. Population is based on the de facto definition of population” (World Bank, 2012).

Young population is taken from World Bank (2012), extrapolated using rate-of-change of World Bank (2013). Linear interpolations are used for gap years where we had data point before and after missing years. Best guess or 3 year moving averages are used when necessary for extrapolations.

## **Social Security**

Social Security Revenues “include receipts of social security schemes and employer social insurance schemes that provide benefits other than retirement benefits. Social security contributions may be compulsory or voluntary and may be made by employees, employers on behalf of employees, self-employed persons, or nonemployed persons. Compulsory social security contributions differ from taxes in that the payments entitle the contributors and other beneficiaries to certain social benefits if specified events should take place, such as sickness and old age. Compulsory payments assessed on a basis other than pay, payroll, or the number of employees but earmarked for social security schemes are taxes. Also, contributions to employer retirement schemes are not treated as social contributions in the GFS system” (International Monetary Fund, 2001).

The data for social security revenues primarily comes from Arbetman And Johnson (2008a,b) which uses on International Monetary Fund GFS for years 1972-2005, World Bank for 1960-1972, and overlapping series and national sources for the cases where data was missing. Updates are performed using the most recent GFS available (International Monetary Fund, 2011, 2013) and IFS (International Financial Statistics, IMF 2011-2013). Linear interpolations are used

for gap years where we had data points before and after missing years. Best guesses or 3 year moving averages are used when necessary for extrapolations.

## **Education**

The education measure we used is the gross secondary school enrollment ratio for all programs per thousand people as defined by “the ratio of total enrollment, regardless of age, to the population of the age group that officially corresponds to the level of education shown. 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” (World Bank, 2012)<sup>9</sup>.

Our primary source for gross secondary school enrollment ratio is UNESCO Institute for Statistics (2012b), with extrapolations using UNESCO (2013) for later years. The missing years are completed using Arbetman and Johson (2008b), which collected their data mainly from Taylor and Jodice (1982), and supported this with data from the World Development Indicators and National Sources to supplement data where necessary. Linear interpolations are used for gap years where we had data points before and after missing years. Best guesses or 3 year moving averages are used when necessary for extrapolations.

## **Urban Population**

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” (World Bank 2012).

Urban population is primarily taken from World Bank World Development Indicators (2012) and extrapolated using World Bank World Development Indicators (2013) for later years. Best guess or 3 year moving averages are used when necessary for extrapolations.

## **Population**

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<sup>9</sup> A similar definition can be found in UNESCO Institute for Statistics (2012a).

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. The values shown are midyear estimates” (World Bank, 2012).

Population data comes from United Nations Population Projections 2010. World Bank World Development Indicators (2007, 2009, & 2012) used for countries not included in United Nations (2011e). Linear interpolations were used for missing data years. Best guess or 3 year moving averages are used when necessary for extrapolations.

### **GDP Per Capita**

“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” (World Bank, 2012).

The Per capita is measured in constant 2005 dollars. The base series used is from the World Bank (2013). We also provided the purchasing power parity (PPP) converted GDP per capita in 2005 constant international dollars, mainly taken from Penn World Tables (Heston et al, 2009) despite the fact that we did not use it in our calculations. Theoretically, GDP per capita at PPP can also be used to calculate RPC. We didn't use Penn World Tables 8.0 due to the direct provision of the GDP per capita data. Calculating GDP per capita using separate GDP and population variables are known to cause instabilities in the data at some cases. Therefore, we continued using Penn World Tables 7.0 and supported it with World Bank's (2013) PPP data as well as Penn World Tables 8.0 for rate of changes for the recent years' updates. In order to complete the rest of the series, these two series and overlapping series including the World Development Indicators (1960–2005), Maddison (2008) and national sources, as well as rate of changes of constant and PPP values used for extrapolations.

### **Bureaucracy**

We measure the size of bureaucracy by looking at the share of government wages in total general government expenses. “Wages and salaries consist of all compensation of government employees except for social contributions by employers. It includes pay in cash or in kind” (International Monetary Fund, 2001)<sup>10</sup>.

Bureaucracy and expenditure data is founded on Arbetman and Johnson (2008b), whose data come primarily from the Government Finance Statistics published by the International Monetary Fund. We also use data from the World Development Indicators, Europa Yearbooks, and National Sources. Updates are performed using International Monetary Fund (2011-2013). When the exact wages divided by total general government expenses could not be found, we relied on the rate of changes of wages divided by central government expenses, or wages divided by GDP for extrapolations. Linear interpolations are used for gap years where we had data points before and after missing years. Best guesses or 3 year moving averages are used when necessary for extrapolations.

## **COMPONENTS AND PRIMARY SOURCES FOR RELATIVE POLITICAL ALLOCATION:**

### *Dependent Variable:*

(1) GDPPC: Gross Domestic Product (GDP) per capita at 2005 prices –US dollars

Source: World Development Indicators by World Bank

### *Total Factor Productivity Control Variables:*

(2) Secondary\_school: School enrollment, secondary (% gross)

Source: World Development Indicator by World Bank

(3) Econ\_openness: Economic openness. (Export+Import)/GDP

Source: National Accounts Estimates of Main Aggregates by United Nations Statistics Division (UNSD)

(4) Gov\_Consumption\_Output\_Ratio: The size of public sector. General government final consumption expenditure/GDP

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<sup>10</sup> Please refer to International Monetary Fund (2001) sections 6.10-6.15 for more detailed explanations.

Source: National Accounts Estimates of Main Aggregates by United Nations Statistics Division (UNSD)

*Physical Capital Input Independent Variable:*

(5) Capital\_Output\_Ratio: Capital intensity. Gross Fixed Capital Formation/GDP

Source: National Accounts Estimates of Main Aggregates by United Nations Statistics Division (UNSD)

*The Public Expenditure Shares Independent Variables:*

The sum of all following expenditure shares ((7)-(16)) is equal to

Gov\_Consumption\_percap2005usd ((6)).

(6) Gov\_Consumption\_percap2005usd: Per capita general government final consumption expenditure at 2005 prices –US dollars

Source: National Accounts Estimates of Main Aggregates by United Nations Statistics Division (UNSD)

- General government final consumption expenditure (formerly general government consumption) includes all government current expenditures for purchases of goods and services (including compensation of employees). It also includes most expenditures on national defense and security.

(7) gps\_share: General public services expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

- (a) Before 1995: International Monetary Fund. Government Finance Statistics. ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2
- (b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 701 General public services item includes:

7011 Executive and legislative organs, financial and fiscal affairs, external affairs

7012 Foreign economic aid

7013 General services

7014 Basic research

7015 R&D General public services

7016 General public services n.e.c.<sup>11</sup>

7017 Public debt transactions

7018 Transfers of a general character between different levels of government

- Equivalence of Functional Classification: Due to change of the Classification of the Function of Government (COFOG) in the System of National Accounts 1993, we adjust the old values in ICPSR accordingly: The sum of General Public Service in ICPSR dataset (gpsold\_general)+ Other Purpose (not listed in the dataset) in ICPSR is equal to General Public Service.

(8) defence\_share: Defense expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

(a) Before 1995: International Monetary Fund. Government Finance Statistics.

ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2

(b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 702 Defense item includes:

7021 Military defense

7022 Civil defense

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<sup>11</sup> not elsewhere classified.

7023 Foreign military aid

7024 R&D Defense

7025 Defense n.e.c.

(9) public\_order\_share: Public order and safety expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

(a) Before 1995: International Monetary Fund. Government Finance Statistics.

ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2

(b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 703 Public order and safety includes:

7031 Police services

7032 Fire protection services

7033 Law courts

7034 Prisons

7035 R&D Public order and safety

7036 Public order and safety n.e.c.

(10) econ\_share: Economic affairs expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

- (a) Before 1995: International Monetary Fund. Government Finance Statistics. ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2
- (b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 704 Economic affairs includes:

7041 General economic, commercial, and labor affairs

7042 Agriculture, forestry, fishing, and hunting

7043 Fuel and energy

7044 Mining, manufacturing, and construction

7045 Transport

7046 Communication

7047 Other industries

7048 R&D Economic affairs

7049 Economic affairs n.e.c.

(11) environment\_share: Environmental protection expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

- (a) Before 1995: International Monetary Fund. Government Finance Statistics. ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2
- (b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 705 Environmental protection includes:

7051 Waste management

7052 Waste water management  
7053 Pollution abatement  
7054 Protection of biodiversity and landscape  
7055 R&D Environmental protection  
7056 Environmental protection n.e.c.

- Equivalence of Functional Classification: The expense data of environmental Protection is not available in the ICPSR dataset which uses the pre-1993 system of national accounts. In fact, since this item is not isolated yet, some countries including the United States do not supply IMF with specific data. The amounts are in fact for the most part spread out across the *housing and community services* function and *economic affairs functions*. In this version of RPA, we do not consider this item for estimation.

(12) housing\_ share: Housing and community amenities expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

- (a) Before 1995: International Monetary Fund. Government Finance Statistics. ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2
- (b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 706 Housing and community amenities includes:

7061 Housing development  
7062 Community development  
7063 Water supply  
7064 Street lighting  
7065 R&D Housing and community amenities

7066 Housing and community amenities n.e.c.

(13) health\_share: Health expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

(a) Before 1995: International Monetary Fund. Government Finance Statistics.

ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2

(b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 707 Health includes:

7071 Medical products, appliances, and equipment

7072 Outpatient services

7073 Hospital services

7074 Public health services

7075 R&D Health

7076 Health n.e.c.

(14) Recreation\_share: Recreation, culture, and religion expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

(a) Before 1995: International Monetary Fund. Government Finance Statistics.

ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2

(b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 708 Recreation, culture and religion includes:

7081 Recreational and sporting services

7082 Cultural services

7083 Broadcasting and publishing services

7084 Religious and other community services

7085 R&D Recreation, culture, and religion

7086 Recreation, culture, and religion n.e.c.

(15) Education\_ share: Education expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

(a) Before 1995: International Monetary Fund. Government Finance Statistics.

ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2

(b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 709 Education includes:

7091 Pre-primary and primary education

7092 Secondary education

7093 Postsecondary nontertiary education

7094 Tertiary education

7095 Education not definable by level

7096 Subsidiary services to education

7097 R&D Education

7098 Education n.e.c.

(16) Social\_share: Social protection expenditure share per capita by the general government sector.

Source:

UNSD: United Nations Statistics Division. Global Indicator Database-National Accounts and Industrial Production. General Government Final Consumption Expenditure by Function.

IMF:

- (a) Before 1995: International Monetary Fund. Government Finance Statistics. ICPSR08624-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2010-07-26. doi:10.3886/ICPSR08624.v2
- (b) After 1995: International Monetary Fund. Government Finance Statistics. December 2011.

GFS Code 710 Social protection includes:

710 Social protection

7101 Sickness and disability

7102 Old age

7103 Survivors

7104 Family and children

7105 Unemployment

7106 Housing

7107 Social exclusion n.e.c.

7108 R&D Social protection

7109 Social protection n.e.c.

## **Appendix: The Accounting Rules of Calculating the Expenditure Items of the General Government Sector**

To estimate RPA, we use the public expenditure by the general government sector. However, it is often to find the disaggregated statistics of government subsectors only. Depending on the administrative and legal arrangements, there may be more than one level of government within a country, and statistics should be compiled for each level. For example, in the GFS system, provision is made for three levels of government: central; state, provincial, or regional; and local. Not all countries will have all three levels; some may have only a central government or a central government and one lower level. Other countries may have more than three levels. Classification problems may arise when government operations are carried out by a general government unit jointly responsible to two levels of government. In addition to subsectors based on the level of government and the existence of social security funds, it may be possible to create subsectors at each level of government based on whether the units are financed by the legislative budgets of that level of government or by extrabudgetary sources.

It should be noted that the design and structure of the government accounting system draw heavily on business accounting practices as well as economic theory and principles. The cash-based accounting still continues despite the fact that two key government reporting arrangements – the United Nations System of National Accounts (SNA) and IMF Government Finance Statistics (GFS) – promote the use of accrual-based reporting.

To obtain the aggregated statistics of general government sector for RPA estimation, we generally combine various subsector statistics as follows:

(1) Cash Reporting: A recording system in which the time assigned to flows is when cash is received or disbursed. Although nonmonetary flows can be recorded, most accounting systems using the cash basis do not record nonmonetary flows because the focus is on cash management rather than resource flows.

- (a) General Government Expenditure on a cash basis = Consolidated Central Government Expenditure on a cash basis + State Government Expenditure (when applicable) on a cash basis + Local Government Expenditure (when applicable) on a cash basis
- (b) General Government Expenditure on an cash basis = Budgetary Central Government Expenditure on a cash basis + Extrabudgetary Central Government Expenditure on a cash basis + Social Security Central Government Expenditure on a cash basis + State Government Expenditure (when applicable) on a cash basis + Local Government Expenditure (when applicable) on a cash basis

(2) Non-cash (Accrual) basis of recording: A recording system in which the time assigned to flows is when economic value is created, transformed, exchanged, transferred, or extinguished.

- (a) General Government Expenditure on an accrual basis = Consolidated Central Government Expenditure on an accrual basis + State Government Expenditure (when applicable) on an accrual basis + Local Government Expenditure (when applicable) on an accrual basis
- (b) General Government Expenditure on an cash basis = Budgetary Central Government Expenditure on an accrual basis + Extrabudgetary Central Government Expenditure on an accrual basis + Social Security Central Government Expenditure on an accrual basis + State Government Expenditure (when applicable) on an accrual basis + Local Government Expenditure (when applicable) on an accrual basis

## **COUNTRY NOTES FOR SOURCES<sup>12</sup>**

### **(512)(111)(700)(4) Afghanistan**

Tax Ratio: [2006-2011], from International Monetary Fund (2013). [1960-1978], from Organski et al (1984). [1979-2005], linear interpolation.

Tax Ratio (OECD): [2006-2011], from International Monetary Fund (2013). [1960-1978], from Organski et al (1984). [1979-2005], linear interpolation.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a). [2002-2004], from United Nations (2011b, d). [1970-2001] & [2010], extrapolated back using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [2002-2011], from World Bank (2013). [1960-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(914)(112)(339)(8) Albania**

Tax Ratio: [2005-2011], from International Monetary Fund (2013). [1995-1998] & [2002-2004], from International Monetary Fund (2012). [1999-2001], linear interpolation.

Tax Ratio (OECD): [2005-2011], from International Monetary Fund (2013). [1995-1998] & [2002-2004], from International Monetary Fund (2012). [1999-2001], linear interpolation.

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<sup>12</sup> Detailed notes are available only for RPE and RPR. Data sources and techniques used to extrapolate-interpolate in RPA are less diverse.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [1996-2004], from United Nations (2011b, d). [1970-1995], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1980-2011], from World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1968], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012). [2013], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(612)(122)(615)(12) Algeria**

Tax Ratio: [2006-2011], from World Bank (2013). [1994-2005], extrapolated back using rate of changes of from International Monetary Fund (2011)<sup>b</sup>. [1975-1993], extrapolated back from rate of changes of Arbetman and Johnson (2008a). [1960-1974], extrapolated back from rate of changes of Organski et al (1984), except for [1961-1962], which is computed using linear interpolation.

Tax Ratio (OECD): [2006-2011], from World Bank (2013). [1994-2005], extrapolated back using rate of changes of from International Monetary Fund (2011)<sup>b</sup>. [1975-1993], extrapolated back from rate of changes of Arbetman and Johnson (2008a). [1960-1974], extrapolated back from rate of changes of Organski et al (1984), except for [1961-1962], which is computed using linear interpolation.

Agriculture: [1970-2011], from United Nations (2013a ). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [1978-2003], from United Nations (2011b, d). [2004-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1977], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(859)(124)(1001)(16) American Samoa**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: All years missing.

Mining: All years missing.

Exports: All years missing.

GDP per Capita: All years missing.

GDP per Capita, PPP: All years missing.

### **(614)(126)(540)(24) Angola**

Tax Ratio: [2010-2011], from Republica de Angola, Relatorio de Fundamentacao Do Orcamento Geral Do Estado Para o Ano de 2013, table 6, page 11. [2008-2009], from International Monetary Fund Country Report no. 12/103, table 2b, pg 21. [2003-2007], from International Monetary Fund Country Report no. 07/354, table 2b, pg18. [1960-2002], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [2010-2011], from Republica de Angola, Relatorio de Fundamentacao Do Orcamento Geral Do Estado Para o Ano de 2013, table 6, page 11. [2008-2009], from International Monetary Fund Country Report no. 12/103, table 2b, pg 21. [2003-2007], from International Monetary Fund Country Report no. 07/354, table 2b, pg18. [1960-2002], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1985-1990], from United Nations (2011b, d). [1991-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using rate of changes of United Nations (2013b). [1977-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1976], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2013], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1985-2010], from World Bank (2013). [1960-1985], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(312)(128)(1002)(660) Anguilla**

Tax Ratio: [2006-2011], from International Monetary Fund Country Report No. 12/8, table 2b, pg. 16 (where 2011 is a projection).

Tax Ratio (OECD): [2006-2011], from International Monetary Fund Country Report No. 12/8, table 2b, pg. 16 (where 2011 is a projection).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2010], from United Nations (2013b). [2011], crude estimate – best guess. [1984-2004], from United Nations (2011b, d). [1970-1983], extrapolated using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [2006-2011], from United Nations (2013a) (where number refers to current GDP per capita).

GDP per Capita, PPP: All years missing.

### **(311)(132)(58)(28) Antigua and Barbuda**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 13/76, table 5, pg 33. [2005-2008], from International Monetary Fund Country Report No. 10/279, table 3, pg 24. [2002-2004], from International Monetary Fund Country Report No. 07/238, table 5, pg 25. [1999-2001], from International Monetary Fund Country Report No. 04/367, table 2, pg26. [1997-1998], linear interpolation. [1981-1996], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 13/76, table 5, pg 33. [2005-2008], from International Monetary Fund Country Report No. 10/279, table 3, pg 24. [2002-2004], from International Monetary Fund Country Report No. 07/238, table 5, pg 25. [1999-2001], from International Monetary Fund Country Report No. 04/367, table 2, pg26. [1997-1998], linear interpolation. [1981-1996], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1973-1988], from United Nations (2011b, d). [1970-1972] & [1989-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1977-2011], from World Bank (2013). (1970-1976), extrapolated back using rate of changes of Heston et al (2011).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(213)(134)(160)(32) Argentina**

Tax Ratio: [1993-2010], from OECD (2013b). [2011], extrapolated using three year moving average. [2002-2004], from World Bank (2012). [2005-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008-2010], extrapolated using 3 year moving average.

[1977-1992], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1977], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1993-2010], from OECD (2013b). [2011], extrapolated using three year moving average. [2002-2004], from World Bank (2012). [2005-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008-2010], extrapolated using 3 year moving average. [1977-1992], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1977], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d). [1960-1969], extrapolated using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2006], from World Bank (2013). [2007-2010], extrapolated using rate of changes of World Bank (2012). [2011], extrapolated using rate of changes of Heston et al (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using rate of changes of Heston et al (2013).

### **(911)(135)(371)(51) Armenia**

Tax Ratio: [2003-2011], from International Monetary Fund (2013). [1990-2002], extrapolated back using rate of changes of United Nations (2011a, b).

Tax Ratio (OECD): [2003-2011], from International Monetary Fund (2013). [1990-2002], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [2000-2004], from United Nations (2011b, d). [1990-1999], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1990-2011], from World Bank (2013).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1990-1992] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using rate of changes of World Bank (2013).

### **(314)(136)(1003)(533) Aruba**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 10/334, table 3, pg 26 (where 2011 is a projection). [2000-2006], from International Monetary Fund Country Report No. 08/78, table 5, pg 22. [1997-1999], from International Monetary Fund Country Report No. 05/204, table 4, pg 33. [1996], from International Monetary Fund Country Report No. 01/159, table 5, pg 31. [1995], extrapolated back using the rate of change of United Nations (2011a, b).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 10/334, table 3, pg 26 (where 2011 is a projection). [2000-2006], from International Monetary Fund Country Report No. 08/78, table 5, pg 22. [1997-1999], from International Monetary Fund Country Report No. 05/204, table 4, pg 33. [1996], from International Monetary Fund Country Report No. 01/159, table 5, pg 31. [1995], extrapolated back using the rate of change of United Nations (2011a, b).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1994-2009], from World Bank (2013). [2010-2011], crude estimates – best guesses [1987-1993], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita, PPP: All years missing.

### **(193)(137)(900)(36) Australia**

Tax Ratio: [1972-2011], from International Monetary Fund (2013). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2010], from OECD (2013a). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1962-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1961], extrapolated using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(122)(138)(305)(40) Austria**

Tax Ratio: [1988-2011], from International Monetary Fund (2013). [1972-1987], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(912)(142)(373)(31) Azerbaijan**

Tax Ratio: [2008-2011], from International Monetary Fund (2013). [1991-2007], extrapolated back using rate of changes of United Nations (2011a, b).

Tax Ratio (OECD): [2008-2011], from International Monetary Fund (2013). [1991-2007], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1990-2004], from United Nations (2011b, d)

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1990-1992] & [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(313)(144)(31)(44) Bahamas**

Tax Ratio: [2010-2011], from World Bank (2013). [1990-2009], from World Bank (2012). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2010-2011], from World Bank (2013). [1990-2009], from World Bank (2012). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [2005-2011], from United Nations (2013b). [1989-2004], from United Nations (2011b, d). [1960-1988], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). (1960-1969), extrapolated back using rate of changes of World Bank (2012).

#### **(419)(146)(692)(48) Bahrain**

Tax Ratio: [1990-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010-2011], extrapolated using three year moving average. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). All values are adjusted by multiplication by 3.5 to account for oil-related tax revenues.

Tax Ratio (OECD): [1990-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010-2011], extrapolated using three year moving average. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). All values are adjusted by multiplication by 3.5 to account for oil-related tax revenues.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1975-2010], from United Nations (2011b, d). [2011], crude estimate – best guess. [1970-1974], extrapolated back using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997). We are aware that the exports/gdp ratio is higher than 1 for some years. This is most likely due to the oil prices and futures.

GDP per Capita: [1980-2010], from World Bank (2013). [2011], extrapolated using the rate of change of Heston et al (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of Heston et al (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(513)(156)(771)(50) Bangladesh**

Tax Ratio: [2010-2011], from World Bank (2013). [2001-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010], extrapolated using the average of last three years. [1990-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2010-2011], from World Bank (2013). [2001-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010], extrapolated using the average of last three years. [1990-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1972-2004], from United Nations (2011b, d). [1960-1971], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

### **(316)(158)(53)(52) Barbados**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No.12/7, table 2b, pg 29. [2003-2006], extrapolated back using the rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1995-2002], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1976-1994], extrapolated back using rate of changes of Banks (2002). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No.12/7, table 2b, pg 29. [2003-2006], extrapolated back using the rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1995-2002], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1976-1994], extrapolated back using rate of changes of Banks (2002). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1974-2007], from United Nations (2011b, d). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2009], from World Bank (2012). [2010-2011], extrapolated using rate of changes of Heston et al (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(913)(174)(370)(112) Belarus**

Tax Ratio: [2003-2011], from International Monetary Fund (2013). [1992-2002], extrapolated back using rate of changes of World Bank (2012). [1991], extrapolated back using rate of changes of United Nations (2011a, b).

Tax Ratio (OECD): [2003-2011], from International Monetary Fund (2013). [1992-2002], extrapolated back using rate of changes of World Bank (2012). [1991], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1990-2004], from United Nations (2011c)

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1994-2009], from Heston et al (2011). [1990-1993] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(124)(176)(211)(56) Belgium**

Tax Ratio: [1995-2011], from International Monetary Fund (2013). [1994], crude estimate – best guess. [1990-1993], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1973-1989] from International Monetary Fund (2012). [1960-1972], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-1979] & [1995-2008], from United Nations (2011b, d). [1980-1994] & [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(339)(181)(80)(84) Belize**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 11/340, table 2b, pg 28. [1990-2006], from World Bank (2012). [1981-1989], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 11/340, table 2b, pg 28. [1990-2006], from World Bank (2012). [1981-1989], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1973-2006], from United Nations (2011b, d). [1970-1972] & [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(638)(182)(434)(204) Benin**

Tax Ratio: [2008-2011], from World Bank (2013). [2001-2006], from World Bank (2012), [2007], linear interpolation. [1991-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1975-1990], extrapolated back using rate of changes of Banks (2002). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2008-2011], from World Bank (2013). [2001-2006], from World Bank (2012), [2007], linear interpolation. [1991-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1975-1990], extrapolated back using rate of changes of Banks (2002). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1970-2011], from United Nations (2013b), except for [1990-1993], which is computed using linear interpolation. [1960-1969], crude estimates – best guesses.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(319)(184)(1006)(60) Bermuda**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [1960-1969] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>d</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(514)(186)(760)(64) Bhutan**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 11/123, table 1, pg 20. [1990-2006], extrapolated back using rate of changes of International Monetary Fund (2012). [1980-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 11/123, table 1, pg 20. [1990-2006], extrapolated back using rate of changes of International Monetary Fund (2012). [1980-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1980-2009], from United Nations (2011b, d). [1970-1979] & [2010], extrapolated back using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

GDP per Capita: [1980-2011], from World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

### **(218)(193)(145)(68) Bolivia**

Tax Ratio: [1985-2006], from International Monetary Fund (2012). [2007], extrapolated using the rate of change of International Monetary Fund (2011). [2008-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 12/149, table 2, pg 27. [1976-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1985-2006], from International Monetary Fund (2012). [2007], extrapolated using the rate of change of International Monetary Fund (2011). [2008-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 12/149, table 2, pg 27.

[1976-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1960-2004], from United Nations (2011b, d), except for [1987], which is extrapolated using the rate of change of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(963)(196)(346)(70) Bosnia & Herzegovina**

Tax Ratio: [2003-2011], from World Bank (2013). [1999-2002], extrapolated back using rate of changes of International Monetary Fund Country Report No. 04/67, table 4b, pg 38.

Tax Ratio (OECD): [2003-2011], from World Bank (2013). [1999-2002], extrapolated back using rate of changes of International Monetary Fund Country Report No. 04/67, table 4b, pg 38.

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1999-2004], from United Nations (2011b, d). [1990-1998] extrapolated back using the rate of change of United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1994-2011], from World Bank (2013). [1969-1993], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(616)(199)(571)(72) Botswana**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 11/248, table 2c, pg 24. [2003-2006], from International Monetary Fund Country Report No. 08/58, table 5b, pg 33. [1960-1965] & [1997-2005], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1990-1996], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1966-1989], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 11/248, table 2c, pg 24. [2003-2006], from International Monetary Fund Country Report No. 08/58, table 5b, pg 33. [1960-1965] & [1997-2005], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1990-1996], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1966-1989], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1974-2010], from United Nations (2011b, d). [2011], extrapolated using rate of changes of World Bank (2013). [1960-1973], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(223)(213)(140)(76) Brazil**

Tax Ratio: [2006-2011], from International Monetary Fund (2013). [1990-1994] & [1997-2005], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1995-1996], linear interpolation. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [2005-2011], from United Nations (2013b). [1982-2004], from United Nations (2011b, d). [1960-1981], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(516)(218)(835)(96) Brunei Darussalam**

Tax Ratio: All years are missing.

Tax Ratio (OECD): All years are missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1974-2004], from United Nations (2011b, d). [1970-1973], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1974-2011], from World Bank (2013). [1969-1973], extrapolated back using the average of last three years.

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

**(918)(223)(355)(100) Bulgaria**

Tax Ratio: [1990-2011], from International Monetary Fund (2013). [1962-1989], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [1990-2011], from International Monetary Fund (2013). [1962-1989], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate if change of World Bank (2013). [1996-2004], from United Nations (2011b, d). [1970-1995], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1991-2011], from World Bank (2013).

GDP per Capita, PPP: [1991-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(748)(228)(439)(854) Burkina Faso**

Tax Ratio: [2002-2011], from World Bank (2013). [1974-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1962-1973], extrapolated back using rate of changes of Organski et al (1984). [1960-1961], extrapolated back using three year moving average.

Tax Ratio (OECD): [2002-2011], from World Bank (2013). [1974-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1962-1973], extrapolated back using rate of changes of Organski et al (1984). [1960-1961], extrapolated back using three year moving average.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1970-2008], from United Nations (2011b, d), except for [1986-1988] & [1994], which are extrapolated using rate of changes of Arbetman and Johnson (2008a). [2009-2010], extrapolated using United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], crude estimates-best guesses.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(618)(233)(516)(108) Burundi**

Tax Ratio: [2010-2011], from International Monetary Fund Country Report No. 12/226, table 2b, pg 27. [2007-2009], from International Monetary Fund Country Report No. 10/313, table 3, pg 23. [2006], extrapolated back using rate of changes of United Nations (2011a, b). [2000-2005], extrapolated back rate of changes of Arbetman and Johnson (2008a). [1991-1999], from World Bank (2012). [1975-1990], extrapolated back using rate of changes of Banks (2002). [1962-1974], extrapolated back using rate of changes of Organski et al (1984). [1960-1961], extrapolated back using three year moving average.

Tax Ratio (OECD): [2010-2011], from International Monetary Fund Country Report No. 12/226, table 2b, pg 27. [2007-2009], from International Monetary Fund Country Report No. 10/313, table 3, pg 23. [2006], extrapolated back using rate of changes of United Nations (2011a, b). [2000-2005], extrapolated back rate of changes of Arbetman and Johnson (2008a). [1991-1999], from World Bank (2012). [1975-1990], extrapolated back using rate of changes of Banks (2002). [1962-1974], extrapolated back using rate of changes of Organski et al (1984). [1960-1961], extrapolated back using three year moving average.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-1990], from United Nations (2011b, d). [1991-2010], extrapolated using United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(522)(238)(811)(116) Cambodia**

Tax Ratio: [2008-2011], from International Monetary Fund Country Report No. 12/46, table 4, pg 23 (where 2011 is a prediction). [2005-2007], from International Monetary Fund Country Report No. 11/45, table 1, pg 22. [2002-2004], from International Monetary Fund Country Report No. 06/264, table 1, pg 22. [1998-2001], from International Monetary Fund Country Report No. 03/58, table 1, pg 29. [1963-1973], from Banks (2002).

Tax Ratio (OECD): [2008-2011], from International Monetary Fund Country Report No. 12/46, table 4, pg 23 (where 2011 is a prediction). [2005-2007], from International Monetary Fund Country Report No. 11/45, table 1, pg 22. [2002-2004], from International Monetary Fund Country Report No. 06/264, table 1, pg 22. [1998-2001], from International Monetary Fund Country Report No. 03/58, table 1, pg 29. [1963-1973], from Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1987-2004], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1993-2010], from World Bank (2013). [1970-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(622)(243)(471)(120) Cameroon**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 11/266, table 3, pg 26 (where 2011 is a projection). [1996-1997] & [2000-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1990-1995] & [1998-1999], extrapolated back using rate of changes of World Bank (2012). [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 11/266, table 3, pg 26 (where 2011 is a projection). [1996-1997] & [2000-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1990-1995] & [1998-1999], extrapolated back using rate of changes of World Bank (2012). [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-2009], from United Nations (2011b, d), except for [1991-1992], which is extrapolated using rate of changes of Arbetman and Johnson (2008a). [2010], extrapolated using United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1965-1969], extrapolated back using rate of changes of World Bank (2012). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(156)(248)(20)(124) Canada**

Tax Ratio: [1973-2011], from International Monetary Fund (2013). [1960-1972], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1961-2006], from United Nations (2011b, d). [2007-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimates – best guesses. [1960], extrapolated back using the rate of change of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(624)(253)(402)(132) Cape Verde**

Tax Ratio: [2005-2009], from World Bank (2013). [2010-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 10/349, table 3, pg 24. [1960-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a) except for

[1976-1978], which are adjusted by multiplication by 0.75 due to high instability, which is a result of the independence movements from Portugal.

Tax Ratio (OECD): [2005-2009], from World Bank (2013). [2010-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 10/349, table 3, pg 24. [1960-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a) except for [1976-1978], which are adjusted by multiplication by 0.75 due to high instability, which is a result of the independence movements from Portugal.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated using rate of changes of Arbetman and Johnson (2008a).

Mining: [1980-2007], from United Nations (2011b, d). [2008-2010], rough estimates-best guesses. [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1980-2010], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(377)(258)(1008)(136) Cayman Islands**

Tax Ratio: All years are missing.

Tax Ratio (OECD): All years are missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1984-1991], from United Nations (2011b, d). [1971-1978] & [1992-2010], extrapolated using rate of changes of United Nations (2011c). [1970] & [2011], crude estimates, best guesses.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: All years are missing.

GDP per Capita, PPP: All years are missing.

### **(626)(268)(482)(140) Central African Republic**

Tax Ratio: [2008-2011], from International Monetary Fund Country Report No. 12/238, table 3, pg 25, where 2011 is a projection. [2004-2007], from International Monetary Fund Country Report No. 08/16, table 4, pg 24. [1994-2003], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1976-1993], extrapolated back using rate of changes of Banks (2002). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2008-2011], from International Monetary Fund Country Report No. 12/238, table 3, pg 25, where 2011 is a projection. [2004-2007], from International Monetary Fund Country Report No. 08/16, table 4, pg 24. [1994-2003], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1976-1993], extrapolated back using rate of changes of Banks (2002). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1980-2004], from United Nations (2011b, d). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(628)(273)(483)(148) Chad**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 13/87, table 4a, pg 30, where 2011 is an estimate. [2008], from International Monetary Fund Country Report No. 10/196, table 4, pg 28. [2006-2007], from International Monetary Fund Country Report No. 09/68, table 3, pg 24. [2002-2005], from International Monetary Fund Country Report No. 07/21, table 2, pg 27, where 2005 is an estimate. [1995-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1975-1994], extrapolated back using rate of changes of Banks (2002). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 13/87, table 4a, pg 30, where 2011 is an estimate. [2008], from International Monetary Fund Country Report No. 10/196, table 4, pg 28. [2006-2007], from International Monetary Fund Country Report No. 09/68, table 3, pg 24. [2002-2005], from International Monetary Fund Country Report No. 07/21, table 2, pg 27, where 2005 is an estimate. [1995-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1975-1994], extrapolated back using rate of changes of Banks (2002). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1975-2010], from United Nations (2011b, d), except for [1978-1984] & [1995-2002], which are extrapolated using rate of changes of United Nations (2011c). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bankl (2013). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bankl (2013).

**(228)(273)(155)(152) Chile**

Tax Ratio: [1992-2011], from International Monetary Fund (2013), except for [1999], which is a crude estimate – best guess. [1990-1991], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1974-1989], extrapolated back using rate of changes of International Monetary Fund (2012), except for [1989], which is extrapolated using the rate of change of Banks (2002). [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1990-2011], from OECD (2013a). [1974-1989], extrapolated back using rate of changes of International Monetary Fund (2012), except for [1989], which is extrapolated using the rate of change of Banks (2002). [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

Mining: [2005-2011], from United Nations (2013b). [1960-2004], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(532)(283)(1010)(344) China, P.R.: Hong Kong**

Tax Ratio: [2011], from International Monetary Fund Country Report No. 10/345, table 2, pg 21. [2002-2010], from International Monetary Fund (2013). [1980-2001], extrapolated back using rate of changes of United Nations (2011a, b). [1977-1979], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1976], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2011], from International Monetary Fund Country Report No. 10/345, table 2, pg 21. [2002-2010], from International Monetary Fund (2013). [1980-2001], extrapolated back using rate of changes of United Nations (2011a, b). [1977-1979], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1976], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a ). [1969-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [1980-2009], from United Nations (2011b, d). [1970-1979] & [2010], extrapolated back using rate of changes of United Nations (2011c ). [2011], crude estimate, best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012). (exports / gdp in Hong Kong can exceed 1 at certain years - because a significant amount of exports in Hong Kong are traded before even entering the domestic economy.

GDP per Capita: [1965-2011], from United Nations (2013).

GDP per Capita, PPP: [1960-2011], from Heston et al (2013).

#### **(546)(288)(1011)(446) China, P.R.: Macao**

Tax Ratio: [1999-2011], from International Monetary Fund (2013). [1996-1998], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1992-1995], extrapolated back using rate of changes of United Nations (2011a, b).

Tax Ratio (OECD): [1999-2011], from International Monetary Fund (2013). [1996-1998], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1992-1995], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1992-2011], crude estimates – best guesses.

Mining: [1992-2009], from United Nations (2011b, d). [2010-2011], crude estimates – best guesses.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1982-2011], from World Bank (2013). [1969-1981], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(924)(293)(710)(156) China, P.R.: Mainland**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 12/195, table 5, pg 41. [2005-2006], extrapolated back using rate of changes of International Monetary Fund (2012). [1990-2004], extrapolated back using rate of changes of World Bank (2012). [1987-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1975-1986], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 12/195, table 5, pg 41. [2005-2006], extrapolated back using rate of changes of International Monetary Fund (2012). [1990-2004], extrapolated back using rate of changes of World Bank (2012). [1987-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1975-1986], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1969-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2008-2010], from United Nations (2011c). [2011], crude estimates – best guesses. [1960-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(233)(298)(100)(170) Colombia**

Tax Ratio: [2008-2011], from International Monetary Fund (2013). [1999-2007], extrapolated back using rate of changes of International Monetary Fund (2012), where [1990-1997] & [2001-2002] & [2004-2007], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using the rate of change of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1960-1989], extrapolated back using the rate of change of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1960-2004], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(632)(299)(581)(174) Comoros**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 13/32, table 3, pg 26. [2008], from International Monetary Fund Country Report No. 11/72, table 2b, pg21.[1960-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008a),

where [1970-1973] values are adjusted by multiplication by 10 – possible typo in the previous dataset.

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 13/32, table 3, pg 26. [2008], from International Monetary Fund Country Report No. 11/72, table 2b, pg21.[1960-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008a), where [1970-1973] values are adjusted by multiplication by 10 – possible typo in the previous dataset.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [2007-2010], from United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-2007], from Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(636)(311)(490)(180) Congo, Dem. Rep. Of**

Tax Ratio: [1990-2010], from World Bank (2013). [2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 13/94, table 3b, pg 25. [1963-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1962], extrapolated back using rate three year moving average.

Tax Ratio (OECD): [1990-2010], from World Bank (2013). [2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 13/94, table 3b, pg 25. [1963-1989],

extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1962], extrapolated back using rate three year moving average.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-1977], from United Nations (2011b, d). [1978-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(634)(312)(484)(178) Congo, Republic Of**

Tax Ratio: [1992-2005], from World Bank (2012). [2006-2007], extrapolated using the rate of change of International Monetary Fund Country Report No. 09/74, where GDP values are taken from table 1, pg 25 and tax values are taken from table 3a, pg 27. [2008-2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 12/283, where GDP values are taken from table 1, pg 18, and tax values are taken from table 3c, pg 22. [1989-1991], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1988], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1992-2005], from World Bank (2012). [2006-2007], extrapolated using the rate of change of International Monetary Fund Country Report No. 09/74, where GDP values are taken from table 1, pg 25 and tax values are taken from table 3a, pg 27. [2008-2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 12/283, where GDP values are taken from table 1, pg 18, and tax values are taken from table 3c, pg 22. [1989-1991], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1988], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1970-1989] & [1999-2010], from United Nations (2011b, d). [1990-1998], extrapolated using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(238)(313)(94)(188) Costa Rica**

Tax Ratio: [2002-2011], from International Monetary Fund (2013). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using Organski (1984).

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using Organski (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2009], from United Nations (2011b, d), except for [1978-1990], which is computed using linear interpolation. [2010], extrapolated using the rate of change of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(662)(314)(437)(384) Cote D Ivoire**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 11/328, table 4, pg 29, where 2011 is a projection. [2008], from International Monetary Fund Country Report No. 09/326, table 11b, pg 41. [2005-2007], from International Monetary Fund Country Report No. 07/312, table 4b, pg 35, where 2007 is a projection. [2004], from International Monetary Fund Country Report No. 08/142, table 3b, pg 22. [1990] & [1994-2003], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991-1993], extrapolated using United Nations (2011a, b). [1986-1989], extrapolated using rate of changes of Banks (2002). [1960-1985], extrapolated using rate of changes of Arbetman and Kugler (1997), where the ratio of [1971] changed from 0.31 to 0.21 (possible typo in the previous data set).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 11/328, table 4, pg 29, where 2011 is a projection. [2008], from International Monetary Fund Country Report No. 09/326, table 11b, pg 41. [2005-2007], from International Monetary Fund Country Report No. 07/312, table 4b, pg 35, where 2007 is a projection. [2004], from International Monetary Fund Country Report No. 08/142, table 3b, pg 22. [1990] & [1994-2003], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991-1993], extrapolated using United Nations (2011a, b). [1986-1989], extrapolated using rate of changes of Banks (2002). [1960-1985], extrapolated using rate of changes of Arbetman and Kugler (1997), where the ratio of [1971] changed from 0.31 to 0.21 (possible typo in the previous data set).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1970-2000], from United Nations (2011b, d), except for [1983] & [1985], which are extrapolated using rate of changes of United Nations (2011c). [2001-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(960)(316)(344)(191) Croatia**

Tax Ratio: [2002-2011], from International Monetary Fund (2013). [1991-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013). [1991-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [1995-2007], from United Nations (2011b, d). [1990-1994] & [2008-2010], extrapolated back using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1995-2011], from World Bank (2013). [1990-1994], extrapolated back using rate of changes of World Bank (2012). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(928)(319)(40)(192) Cuba**

Tax Ratio: All years are missing.

Tax Ratio (OECD): All years are missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1985-2010], from United Nations (2011b, d). [2011], crude estimate – best guess. [1970-1984], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [1960-1969], extrapolated back using rate of changes of Maddison (2008).

**(423)(321)(352)(196) Cyprus**

Tax Ratio: [2010-2011], from International Monetary Fund (2013). [1995-2009], extrapolated back using rate of changes of International Monetary Fund (2012). [1990-1994], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2010-2011], from International Monetary Fund (2013). [1995-2009], extrapolated back using rate of changes of International Monetary Fund (2012). [1990-1994], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1960-2010], from United Nations (2011b, d). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1975-2009], from World Bank (2013). [2010-2011], extrapolated using rate if changes of Heston et al (2013). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(935)(323)(316)(203) Czech Republic**

Tax Ratio: [2000-2011], from International Monetary Fund (2013). [1993-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991-1992], crude estimates-best guesses.

Tax Ratio (OECD): [1993-2011], from OECD (2013a). [1991-1992], crude estimates – best guesses.

Agriculture: [1990-2011], from United Nations (2013a). [1987-1989], extrapolated back using rate of changes of United Nations (2011b, d).

Mining: [1990-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [2011], extrapolated using the rate of change of World Bank (2013).

**(128)(328)(390)(208) Denmark**

Tax Ratio: [1972-2011], from International Monetary Fund (2013). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from International Monetary Fund (2013). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1966-1995], from United Nations (2011b, d). [1996-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1960-1965], extrapolated using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(611)(329)(522)(262) Djibouti**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 13/78, table 1, pg 17. [2008], from International Monetary Fund Country Report No. 12/197, table 1, pg 20. [2005-2007], from International Monetary Fund Country Report No. 09/216, table 1, pg 26. [2003-2004], from International Monetary Fund Country Report No. 07/178, table 1, pg 20. [1960-2002], extrapolated back using the rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 13/78, table 1, pg 17. [2008], from International Monetary Fund Country Report No. 12/197, table 1, pg

20. [2005-2007], from International Monetary Fund Country Report No. 09/216, table 1, pg 26. [2003-2004], from International Monetary Fund Country Report No. 07/178, table 1, pg 20.

[1960-2002], extrapolated back using the rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [1960-2007], Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a). (export rates double in [1990-1991], potential typo in the data, but has not been corrected).

GDP per Capita: [1990-2011], from World Bank (2013). [1970-1989], extrapolated using rate of changes of Heston et al (2011). [1960-1969], linear extrapolation.

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], linear extrapolation.

### **(321)(333)(54)(212) Dominica**

Tax Ratio: All years are missing.

Tax Ratio (OECD): All years are missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1975-2004], from United Nations (2011b, d). [1970-1974], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1977-2011], from World Bank (2013). [1969-1976], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank

(2013). [1960-1969], linear extrapolation. [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

### **(243)(336)(42)(214) Dominican Republic**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 10/135, table 2, pg 41, where 2011 is a projection. [1990-2006], from International Monetary Fund (2011)<sup>b</sup>. [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 10/135, table 2, pg 41. [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1965-1969], extrapolated back using rate of changes of World Bank (2012). [1960-1964], extrapolated back using Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d). [1960-1969], extrapolated back using Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], linear extrapolation.

### **(248)(339)(130)(218) Ecuador**

Tax Ratio: [1991-2007], from Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of OECD (2013b). [2010], extrapolated using three year moving average.

Tax Ratio (OECD): [1991-2007], from Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of OECD (2013b). [2010], extrapolated using three year moving average.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2009], from United Nations (2011b, d). [2010], extrapolated using the rate of change of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], linear extrapolation.

### **(469)(343)(651)(818) Egypt**

Tax Ratio: [2002-2011], from World Bank (2013). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2002-2011], from World Bank (2013). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1978-2004], from United Nations (2011b, d), except for [1982-1986] & [1992-1996], which are extrapolated using rate of changes of United Nations (2011c). [2010], extrapolated using the rate of change of

United Nations (2011c). [1960-1977], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], linear extrapolation.

### **(253)(349)(92)(222) El Salvador**

Tax Ratio: [2002-2011], from International Monetary Fund (2012). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1976-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using the rate of change of International Monetary Fund (2012). [1976-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1960-2004], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(642)(351)(411)(226) Equatorial Guinea**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 13/83, table 3b, pg 26. [2005-2008], from International Monetary Fund Country Report No. 09/102, table 4b, pg 26, where 2008 is a projection. [2002-2004], from International Monetary Fund Country Report No. 06/233, table 5, pg 29. [1999-2001], from International Monetary Fund Country Report No. 03/385, table 3, pg 26. [1960-1998], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 13/83, table 3b, pg 26. [2005-2008], from International Monetary Fund Country Report No. 09/102, table 4b, pg 26, where 2008 is a projection. [2002-2004], from International Monetary Fund Country Report No. 06/233, table 5, pg 29. [1999-2001], from International Monetary Fund Country Report No. 03/385, table 3, pg 26. [1960-1998], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [1970-2010], from United Nations (2011c). [2011], crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1985-2011], from World Bank (2013). [1960-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(643)(353)(531)(232) Eritrea**

Tax Ratio: [1992-2007], from Arbetman and Johnson (2008a). [2008-2009], extrapolated using International Monetary Fund 2009 Article IV Consultation with the State of Eritrea (total revenue values. [2010-2011], extrapolated using three year moving average.

Tax Ratio (OECD): [1992-2007], from Arbetman and Johnson (2008a). [2008-2009], extrapolated using International Monetary Fund 2009 Article IV Consultation with the State of Eritrea (total revenue values. [2010-2011], extrapolated using three year moving average.

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [1990-2010], from United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1992-2011], from World Bank (2013). [1969-1991], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1968], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1992-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1991], extrapolated back using rate of changes of Maddison (2008).

### **(939)(356)(366)(233) Estonia**

Tax Ratio: [1995-2011], from International Monetary Fund (2013). [1991-1994], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Tax Ratio (OECD): [1995-2011], from OECD (2013a). [1991-1994], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Agriculture: [1990-2011], from United Nations (2013a). [1980-1989], extrapolated back using rate of changes of United Nations (2011b, d).

Mining: [2005-2011], from United Nations (2013b). [1991-2004], from United Nations (2011b, d). [1990] , extrapolated back using the rate of change of United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1995-2011], from World Bank (2013). [1980-1994], extrapolated back using rate of changes of World Bank (2012). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [1980-1989] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(644)(361)(530)(231) Ethiopia**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 12/287, table 3, pg 25. [2007-2008], from International Monetary Fund Country Report No. 10/175, table 1, pg 21. [2004-2006], from International Monetary Fund Country Report No. 08/264, table 3, pg 22. [2002-2003], from International Monetary Fund Country Report No. 06/159, table 1, pg 31. [1999-2001], from International Monetary Fund Country Report No. 02/220, table 3, pg 30. [1990-1998], extrapolated back using rate of changes of World Bank (2013). [1987-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1975-1986], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 12/287, table 3, pg 25. [2007-2008], from International Monetary Fund Country Report No. 10/175, table 1, pg 21. [2004-2006], from International Monetary Fund Country Report No. 08/264, table 3, pg 22. [2002-2003], from International Monetary Fund Country Report No. 06/159, table 1, pg 31. [1999-2001], from International Monetary Fund Country Report No. 02/220, table 3, pg 30. [1990-1998], extrapolated back using rate of changes of World Bank (2013). [1987-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1975-1986], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1990-2011], from United Nations (2013a). [1981-1989], extrapolated back using rate of changes of World Bank (2012). [1970-1980], extrapolated back using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d), except for [1993-1996], which is computed using linear interpolation. [1960-1969], crude estimates-best guesses

Exports: [1990-2011], from United Nations (2013a). [1981-1989], extrapolated back using rate of changes of World Bank (2012). [1970-1980], extrapolated back using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1981-2011], from World Bank (2013). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1980], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(816)(362)(1012)(234) Faeore Islands**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1999-2010], from United Nations (2011c).

Mining: [1999-2010], from United Nations (2011c). [2011], crude estimate –best guess.

Exports: All years missing.

GDP per Capita: [2000], from World Bank (2012).

GDP per Capita, PPP: All years missing.

### **(819)(364)(950)(242) Fiji**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 11/85, table 3, page 30, where [2010-2011] are projections. [2005-2006], from International Monetary Fund Country Report No. 10/136, table 2, pg 29. [2004], extrapolated back using the rate of change of

World Bank (2013). [1997-2002], from International Monetary Fund Country Report No. 03/8, table 3, pg 26. [2003], computed using linear interpolation. [1990-1996], extrapolated back using rate of changes of World Bank (2012). [1975-1989], extrapolated back using rate of changes of Banks (2002). [1960-1974], extrapolated using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 11/85, table 3, page 30, where [2010-2011] are projections. [2005-2006], from International Monetary Fund Country Report No. 10/136, table 2, pg 29. [2004], extrapolated back using the rate of change of World Bank (2013). [1997-2002], from International Monetary Fund Country Report No. 03/8, table 3, pg 26. [2003], computed using linear interpolation. [1990-1996], extrapolated back using rate of changes of World Bank (2012). [1975-1989], extrapolated back using rate of changes of Banks (2002). [1960-1974], extrapolated using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2007], from Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(172)(366)(375)(246) Finland**

Tax Ratio: [1972-2010], from International Monetary Fund (2012). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2008], from United Nations (2011b, d). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(132)(369)(220)(250) France**

Tax Ratio: [1978-2011], from International Monetary Fund (2013). [1972-1977], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1977-2009], from United Nations (2011b, d). [2010], extrapolated using the rate of change of United Nations (2011c). [2011], crude estimate – best guess. [1960-1976], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(887)(377)(1014)(258) French Polynesia**

Tax Ratio: All years are missing.

Tax Ratio (OECD): All years are missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1965-1997], from World Bank (2013). [1998- 2000], extrapolated using rate of changes of World Bank (2012).

GDP per Capita, PPP: All years are missing.

**(646)(419)(481)(266) Gabon**

Tax Ratio: [2008-2011], from International Monetary Fund Country Report No. 13/55, table 3, pg 29, where [2011] is an estimate. [2007], from International Monetary Fund Country Report No. 09/107, where GDP values are taken from table 1, pg 13, and tax values are taken from Table 3, pg 15. [1992-2006], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1991], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2008-2011], from International Monetary Fund Country Report No. 13/55, table 3, pg 29, where [2011] is an estimate. [2007], from International Monetary Fund Country Report No. 09/107, where GDP values are taken from table 1, pg 13, and tax values are taken from Table 3, pg 15. [1992-2006], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1991], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

Mining: [1972-2010], Arbetman and Johnson (2008a), except for [1990-2002], which is extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1971], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(648)(423)(420)(270) Gambia**

Tax Ratio: [2010-2011], from International Monetary Fund Country Report No. 12/17, table 3, pg 17. [2007-2009], from International Monetary Fund Country Report No. 10/274, table 3, pg 27. [2004-2006], from International Monetary Fund Country Report No. 08/324, table 2, pg 26. [2002-2003], from International Monetary Fund Country Report No. 06/444, table 3, pg 28. [2000-2001], from International Monetary Fund Country Report No. 04/143, table 4a, pg 37. [1993-1999], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1990-1992], extrapolated back using rate of changes of International Monetary Fund (2011). [1974-1989], extrapolated back using rate of changes of Banks (2002). [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2010-2011], from International Monetary Fund Country Report No. 12/17, table 3, pg 17. [2007-2009], from International Monetary Fund Country Report No. 10/274, table 3, pg 27. [2004-2006], from International Monetary Fund Country Report No. 08/324, table 2, pg 26. [2002-2003], from International Monetary Fund Country Report No. 06/444, table 3, pg 28. [2000-2001], from International Monetary Fund Country Report No. 04/143, table 4a, pg 37. [1993-1999], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1990-1992], extrapolated back using rate of changes of International Monetary Fund (2011). [1974-

1989], extrapolated back using rate of changes of Banks (2002). [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-2010], from United Nations (2011b, d), except for [1994], which is computed using linear interpolation. [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1965-1969], extrapolated back using rate of changes of World Bank (2013). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1966-2011], from World Bank (2013). [1960-1965], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

### **(915)(429)(372)(268) Georgia**

Tax Ratio: [2003-2011], from International Monetary Fund (2013). [1997-2002], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Tax Ratio OECD: [2003-2011], from International Monetary Fund (2013). [1997-2002], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Agriculture: [1990-2011], from United Nations (2013a). [1980-1989], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1996-2004], from United Nations (2011b, d). [1990-1995], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1965-2011], from World Bank (2013).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1980-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1965-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(134)(433)(255)(276) Germany**

Tax Ratio: [1991-2011], from International Monetary Fund (2013). [1972-1990], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(652)(436)(452)(288) Ghana**

Tax Ratio: [2001-2011], from World Bank (2013). [1988-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1974-1987], extrapolated using rate of changes of Arbetman and Kugler (1997). [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2001-2011], from World Bank (2013). [1988-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1974-1987], extrapolated using rate of changes of Arbetman and Kugler (1997). [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1965-2004], from United Nations (2011b, d), except for [1987-1992], which is extrapolated using rate of changes of United Nations (2011c). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(174)(443)(350)(300) Greece**

Tax Ratio: [2000-2011], from International Monetary Fund (2013). [1990-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1972-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1960-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(326)(446)(1016)(304) Greenland**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2010], from United Nations (2013b). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1970-2009], from World Bank (2013).

GDP per Capita, PPP: All years missing.

### **(328)(449)(55)(308) Grenada**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d), except for [1998-1999], which is extrapolated using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1977-2011], from World Bank (2013). [1969-1976], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(829)(456)(1018)(316) Guam**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: All years missing.

Mining: All years missing.

Exports: All years missing.

GDP per Capita: All years missing.

GDP per Capita, PPP: [1970-2009], from Heston et al (2011).

**(258)(459)(90)(320) Guatemala**

Tax Ratio: [1990-2009], from International Monetary Fund (2012)<sup>b</sup>. [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [2001-2009], from United Nations (2011b, d). [1970-2000] & [2010], extrapolated using rate of changes of (United Nations (2011c). [2011], extrapolated using the rate of change of

United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010-2011], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>.

### **(656)(463)(438)(324) Guinea**

Tax Ratio: [2008-2011] from International Monetary Fund Country Report No. 12/63, table 2b, page 31. [2005-2007], from International Monetary Fund Country Report No. 08/33, table 3, page 31, where [2007] is a projection. [1995-1997] & [1999-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1997-1998], extrapolated back using rate of changes of World Bank (2012). [1960-1994], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [2008-2011] from International Monetary Fund Country Report No. 12/63, table 2b, page 31. [2005-2007], from International Monetary Fund Country Report No. 08/33, table 3, page 31, where [2007] is a projection. [1995-1997] & [1999-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1997-1998], extrapolated back using rate of changes of World Bank (2012). [1960-1994], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [1990-2004], from United Nations (2011b, d). [1960-1989] & [2007-2010], crude estimates-best guesses.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1986-2011], from World Bank (2013). [1960-1985], extrapolated using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010-2011], extrapolated using the rate of change of World Bank (2013).

### **(654)(469)(404)(624) Guinea-Bissau**

Tax Ratio: [2008-2011], from International Monetary Fund Country Report No. 13/197, figure 2, page 19 and table 4d, pg 27. [2005-2007], from International Monetary Fund Country Report No. 07/370, table 2, page 10. [2001-2004], from International Monetary Fund Country Report No. 06/312, table 2, pg 26. [1960-2000], extrapolated using rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [2008-2011], from International Monetary Fund Country Report No. 13/197, figure 2, page 19 and table 4d, pg 27. [2005-2007], from International Monetary Fund Country Report No. 07/370, table 2, page 10. [2001-2004], from International Monetary Fund Country Report No. 06/312, table 2, pg 26. [1960-2000], extrapolated using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [2003-2010], from United Nations (2011b, d). [2011], crude estimate – best guess. [1970-2002], extrapolated back using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(336)(174)(110)(328) Guyana**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 11/152, table 3, pg 25, where [2010-2011] are projections. [2006], from International Monetary Fund Country Report No. 10/292, table 3, pg 24. [1995-2000], from International Monetary Fund Country Report No. 01/01, table 10, pg 14. [2001-2005], computed using linear interpolation. [1978-1995], extrapolated back using rate of changes of Banks (2002). [1960-1977], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 11/152, table 3, pg 25, where [2010-2011] are projections. [2006], from International Monetary Fund Country Report No. 10/292, table 3, pg 24. [1995-2000], from International Monetary Fund Country Report No. 01/01, table 10, pg 14. [2001-2005], computed using linear interpolation. [1978-1995], extrapolated back using rate of changes of Banks (2002). [1960-1977], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [2003-2004], from United Nations (2011b, d). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(263)(512)(41)(332) Haiti**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 13/90, table 2b, pg 30. [2007-2008], from International Monetary Fund Country Report No. 10/263, table 2b, pg 27. [2002-2006], from International Monetary Fund Country Report No. 07/292, table 7, pg 67. [1996-2001], from International Monetary Fund Country Report No. 02/18, table 14, pg 41. [1986-1995], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1985], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 13/90, table 2b, pg 30. [2007-2008], from International Monetary Fund Country Report No. 10/263, table 2b, pg 27. [2002-2006], from International Monetary Fund Country Report No. 07/292, table 7, pg 67. [1996-2001], from International Monetary Fund Country Report No. 02/18, table 14, pg 41. [1986-1995], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1985], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [1970-2010], from United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1991-2011], from World Bank (2013). [1960-1990], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(268)(513)(91)(340) Honduras**

Tax Ratio: [2003-2011], from International Monetary Fund (2013). [1986-2002], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1972-1985], extrapolated back

using rate of changes of Arbetman and Kugler (1997). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2003-2011], from International Monetary Fund (2013). [1986-2002], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1972-1985], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-2004], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(944)(514)(310)(348) Hungary**

Tax Ratio: [1995-2011], from International Monetary Fund (2013). [1981-1994], extrapolated back using rate of changes of International Monetary Fund (2012).

Tax Ratio (OECD): [1991-2011], from OECD (2013a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

Mining: [1980-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1991-2011], from World Bank (2013).

GDP per Capita, PPP: [1991-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(176)(516)(395)(352) Iceland**

Tax Ratio: [1972-2011], from International Monetary Fund (2013). [1960-1971], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [1965-2011], from OECD (2013), except for [1966-1969], [1971-1974], & [1976-1979], which are computed using linear interpolation. [1960-1964], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [1990-2005], from United Nations (2011b, d). [1970-1989] & [2006-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(534)(518)(750)(356) India**

Tax Ratio: [1999-2009], from International Monetary Fund (2013). [2010-2011], extrapolated using rate of changes of World Bank (2013). [1990-1998] extrapolated back using rate of changes of World Bank (2012). [1985-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1976-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997), except for [1980], where the ratio is changed from 0.102 to 0.162 (possible typo in the previous data set). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1999-2009], from International Monetary Fund (2013). [2010-2011], extrapolated using rate of changes of World Bank (2013). [1990-1998] extrapolated back using rate of changes of World Bank (2012). [1985-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1976-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997), except for [1980], where the ratio is changed from 0.102 to 0.162 (possible typo in the previous data set). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1969-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [1960-2004], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(536)(522)(850)(360) Indonesia**

Tax Ratio: [2011], from World Bank (2013). [1991-1999] & [2001-2010], from World Bank (2012). [2000], extrapolated using the rate of change of Arbetman and Johnson (2008a). [1990], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1973-1989],

extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1972], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2011], from World Bank (2013). [1991-1999] & [2001-2010], from World Bank (2012). [2000], extrapolated using the rate of change of Arbetman and Johnson (2008a). [1990], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1973-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1972], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1969-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [1960-2011], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1969-1969], from back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(429)(524)(630)(364) Iran**

Tax Ratio: [2001-2007], from International Monetary Fund (2011). [2008-2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 11/241, table 1, pg 21. [1990-2000] extrapolated back using rate of changes of World Bank (2012). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2001-2007], from International Monetary Fund (2011). [2008-2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 11/241, table 1, pg 21. [1990-2000] extrapolated back using rate of changes of World Bank (2012). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1960-2007], from United Nations (2011b, d). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a). [1965-1969], extrapolated back using rate of changes of World Bank (2013). [1960-1964], extrapolated back using rate of changes of Arbetman and Kugler (1997).

GDP per Capita: [1965-2009], from World Bank (2012). [2010-2011], extrapolated using the rate of changes of Heston et al (2013). [1960-1964], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(433)(528)(645)(368) Iraq**

Tax Ratio: [1992-2007], from Arbetman and Johnson (2008a). [2008-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 10/82, table 3, pg 28, where [2010-2011] are projections. [1960-1991], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1992-2007], from Arbetman and Johnson (2008a). [2008-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 10/82, table 3, pg 28, where [2010-2011] are projections. [1960-1991], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-2008], from United Nations (2011b, d), except for [1990-2004], which are adjusted using crude estimates that are based on the rate of changes of Arbetman and Johnson (2008a). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011],

crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984). Note that some years are normalized because the ratios exceeded 1. The country clearly is dependent on oil exports, which contaminate the data.

GDP per Capita: [1997-2011], from World Bank (2013). [1960-1996], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(178)(532)(205)(372) Ireland**

Tax Ratio: [1998-2011], from International Monetary Fund (2013). [1972-1997], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2010], from OECD (2013a). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-2010], from United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [2000-2010], from World Bank (2013). [1970-1999], extrapolated back using rate of changes of World Bank (2012). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(436)(534)(666)(376) Israel**

Tax Ratio: [2000-2011], from International Monetary Fund (2013). [1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1974-1998], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1995-2011], from OECD (2013a). [1974-1994], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1960-1967], from United Nations (2011b, d). [1968-1970], extrapolated using rate of changes of Arbetman and Johnson (2008a). [1971-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(136)(536)(325)(380) Italy**

Tax Ratio: [1999-2011], from International Monetary Fund (2013). [1960-1974] & [1990-1998], extrapolated back using rate of changes of United Nations (2011a, b). [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(343)(537)(51)(388) Jamaica**

Tax Ratio: [1992-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010-2011], extrapolated using rate of changes of World Bank (2013). [1985-1991], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1992-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010-2011], extrapolated using rate of changes of World Bank (2013). [1985-1991], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1969-2004], from United Nations (2011b, d). [1960-1968], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [2005], from World Bank (2013). [1966-2004] & [2006-2010], extrapolated using rate of changes of World Bank (2012). [2011], extrapolated using rate of changes of Heston et al (2013). [1960-1965], extrapolated back using rate of changes of Arbetman and Kugler (1997).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using rate of changes of Heston et al (2013).

### **(158)(542)(740)(392) Japan**

Tax Ratio: [2001-2011], from International Monetary Fund (2013). [1960-2000], extrapolated back using rate of changes of Statistical Yearbook of Japan, table 5-5 (available from <http://www.stat.go.jp/english/data/chouki/05.htm>).

Tax Ratio (OECD): [1965-2010], from OECD (2013a). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1960-1964], extrapolated back using the rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2007], from United Nations (2011b, d). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1970-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(439)(544)(663)(400) Jordan**

Tax Ratio: [2008-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using rate of changes of World Bank (2013). [1990-2007], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2008-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using rate of changes of World Bank (2013). [1990-2007], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1969-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1969-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1975-2011], from World Bank (2013). [1960-1974], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(916)(546)(705)(398) Kazakhstan**

Tax Ratio: [2000-2011], from International Monetary Fund (2013). [1997-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1990-1996], extrapolated back using rate of changes United Nations (2011a, b).

Tax Ratio (OECD): [2000-2011], from International Monetary Fund (2013). [1997-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1990-1996], extrapolated back using rate of changes United Nations (2011a, b).

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [1997-2009], from United Nations (2011b, d). [1990-1996] & [2010], extrapolated back using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1990-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

#### **(664)(548)(501)(404) Kenya**

Tax Ratio: [1991-2011], from World Bank (2013). [1975-1990], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1991-2011], from World Bank (2013). [1975-1990], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(826)(556)(946)(296) Kiribati**

Tax Ratio: All years are missing.

Tax Ratio (OECD): All years are missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1991-2008], from United Nations (2011b, d). [1978-1990] & [2009-2010], extrapolated back using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1970-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(542)(558)(732)(410) Korea, Republic Of**

Tax Ratio: [2007-2011], from International Monetary Fund (2013). [1990-2006], from International Monetary Fund (2011)<sup>b</sup>. [1976-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1972-2011], from OECD (2013a). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1960-2010], from World Bank (2012).

GDP per Capita: [1970-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(443)(564)(690)(414) Kuwait**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 11/217, table 1, where [2011] is a projection. [2005-2006], from International Monetary Fund Country Report No. 09/152. [2003-2004], from International Monetary Fund Country Report No. 08/192, table 14. [2001-2002], from International Monetary Fund Country Report No. 06/133, table 13. [1999-2000], from International Monetary Fund Country Report No. 04/197, table 14. [1996-1998], from International Monetary Fund Country Report No. 01/103, table 1. [1991-1995], extrapolated back using rate of changes of International Monetary Fund (2011), except for [1992], which changed from 0.00086 to 0.003. [1990], crude estimate – it was originally 0.513 using IMF's rate of changes, but it was a crisis year, thus there was a potential instability in the revenues. Therefore it was adjusted by multiplication by 0.5, and changed to 0.312. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 11/217, table 1, where [2011] is a projection. [2005-2006], from International Monetary Fund Country Report No. 09/152. [2003-2004], from International Monetary Fund Country Report No. 08/192, table 14. [2001-2002], from International Monetary Fund Country Report No. 06/133, table 13. [1999-2000], from International Monetary Fund Country Report No. 04/197, table 14. [1996-1998], from International Monetary Fund Country Report No. 01/103, table 1. [1991-1995], extrapolated back using rate of changes of International Monetary Fund (2011), except for [1992], which changed from 0.00086 to 0.003. [1990], crude estimate – it was originally 0.513

using IMF's rate of changes, but it was a crisis year, thus there was a potential instability in the revenues. Therefore it was adjusted by multiplication by 0.5, and changed to 0.312. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1965-1969], extrapolated back using rate of changes of World Bank (2012). [1960-1964], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1966-2010], from United Nations (2011b, d). [2011], crude estimate – best guess. [1960-1965], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1962-1969], extrapolated back using rate of changes of World Bank (2012). [1960-1961], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1995-2011], from World Bank (2013). [1960-1994], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1985], extrapolated back using rate of changes of Maddison (2008).

### **(917)(565)(703)(417) Kyrgyz Republic**

Tax Ratio: [2006-2011], from World Bank (2013). [2002-2005], extrapolated back using rate of changes of United Nations (2011a, b). [1993-2001], extrapolated back using rate of changes of World Bank (2012). [1990-1992], extrapolated back using rate of changes of United Nations (2011a, b).

Tax Ratio (OECD): [2006-2011], from World Bank (2013). [2002-2005], extrapolated back using rate of changes of United Nations (2011a, b). [1993-2001], extrapolated back using rate of changes of World Bank (2012). [1990-1992], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1990-2011], from United Nations (2013a). [1988-1989], extrapolated back using rate of changes of World Bank (2012).

Mining: [1990-2010], from United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013b).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1986-2011], from World Bank (2013). [1970-1985], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1986-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1970-1985], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(544)(566)(812)(418) Lao People's Dem. Rep.**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 12/286, table 1, pg 23 (includes tax & nontax revenues). [2003-2008], from International Monetary Fund Country Report No. 09/285, table 6, pg 8, where [2008] is a projection. [2002], from International Monetary Fund Country Report No. 07/360, table 3, pg 24. [1999-2000], from International Monetary Fund Country Report No. 02/221, table 4, pg 32. [1996-1998], from International Monetary Fund Country Report No. 02/62, table 4, pg.

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 12/286, table 1, pg 23 (includes tax & nontax revenues). [2003-2008], from International Monetary Fund Country Report No. 09/285, table 6, pg 8, where [2008] is a projection. [2002], from International Monetary Fund Country Report No. 07/360, table 3, pg 24. [1999-2000], from International Monetary Fund Country Report No. 02/221, table 4, pg 32. [1996-1998], from International Monetary Fund Country Report No. 02/62, table 4, pg.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1992-2007], from United Nations (2011b, d). [1970-1991] & [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], from United Nations (2013b).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1984-2011], from World Bank (2013). [1970-1983], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(941)(568)(367)(428) Latvia**

Tax Ratio: [2002-2011], from International Monetary Fund (2012). [1994-2001], extrapolated back using rate of changes of World Bank (2012). [1991-1993], crude estimates-best guesses.

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2012). [1994-2001], extrapolated back using rate of changes of World Bank (2012). [1991-1993], crude estimates-best guesses.

Agriculture: [1990-2011], from United Nations (2013a). [1980-1989], extrapolated back using rate of changes of World Bank (2013).

Mining: [1990-2010], from United Nations (2011b, d). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1965-2011], from World Bank (2013).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1980-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1965-1980], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(446)(576)(660)(422) Lebanon**

Tax Ratio: [1997-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010-2011], extrapolated using rate of changes of World Bank (2013). [1981-1996], extrapolated back using rate of

changes of Arbetman and Johnson (2008a). [1960-1980], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1997-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010-2011], extrapolated using rate of changes of World Bank (2013). [1981-1996], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1980], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2007], Arbetman and Johnson (2008a). [2008-2011], crude estimates-best guesses.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1988-2011], from World Bank (2013). [1960-1987], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(666)(578)(570)(426) Lesotho**

Tax Ratio: [1990-2008], from International Monetary Fund (2012). [2009-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 12/101, table 3, pg 25. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2008], from International Monetary Fund (2012). [2009-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 12/101, table 3, pg 25. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [1964-2004], from United Nations (2011b, d). [1960-1963], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(668)(579)(450)(430) Liberia**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 10/373, table 4b, pg 36, where [2010-2011] are projections. [2004-2008], from International Monetary Fund Country Report No. 09/4, appendix – page 5. [2001-2003], from International Monetary Fund Country Report No. 05/167, table 14, pg 48. [1999-2000], from International Monetary Fund Country Report No. 03/274, table 2, pg 29. [1987-1988] & [1997-1998], from International Monetary Fund Country Report No. 00/50, table I.4, pg 12. [1989-1996], computed using linear interpolation. [1960-1986], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 10/373, table 4b, pg 36, where [2010-2011] are projections. [2004-2008], from International Monetary Fund Country Report No. 09/4, appendix – page 5. [2001-2003], from International Monetary Fund Country Report No. 05/167, table 14, pg 48. [1999-2000], from International Monetary Fund Country Report No. 03/274, table 2, pg 29. [1987-1988] & [1997-1998], from International Monetary Fund Country Report No. 00/50, table I.4, pg 12. [1989-1996], computed using linear interpolation. [1960-1986], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1964-2011], from World Bank (2013). [1960-1963], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1964-2007], Arbetman and Johnson (2008a), except for [1990-1995], which is extrapolated using rate of changes of United Nations (2011c). [2008-2011], crude estimates – best guesses. [1960-1963], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(672)(582)(620)(434) Libya**

Tax Ratio: [2010-2011], from International Monetary Fund Country Report No. 13/150, table 2, pg 23. [2007-2009], from IMF 2010 Article IV Consultation with the Socialist People's Libyan Arab Jamahiriya, Selected Economic and Financial Indicators, 2006–10, available from <http://www.imf.org/external/np/sec/pn/2011/pn1123.htm>. [2002-2006]: IMF Country Report No. 08/301, table 14, pg 15. [1986-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1985], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2010-2011], from International Monetary Fund Country Report No. 13/150, table 2, pg 23. [2007-2009], from IMF 2010 Article IV Consultation with the Socialist People's Libyan Arab Jamahiriya, Selected Economic and Financial Indicators, 2006–10, available from <http://www.imf.org/external/np/sec/pn/2011/pn1123.htm>. [2002-2006]: IMF Country Report No. 08/301, table 14, pg 15. [1986-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1985], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1980-2007], from United Nations (2011b, d), except for [1986-2000], which is extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008-2010], extrapolated

using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1960-1979], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1962-1969], extrapolated back using rate of changes of Organski et al (1984). [1960-1961], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1999-2009], from World Bank (2013). [2010], extrapolated using the average of last three years. [2011], crude estimate based on IMF World Economic Outlook information. [1960-1998], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], crude estimate based on IMF World Economic Outlook information. [1960-1985], extrapolated back using rate of changes of Maddison (2008).

#### **(946)(608)(368)(440) Lithuania**

Tax Ratio: [2000-2011], from International Monetary Fund (2012). [1991-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>, except for [1992], which is computed using linear interpolation.

Tax Ratio (OECD): [2000-2011], from International Monetary Fund (2012). [1991-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>, except for [1992], which is computed using linear interpolation.

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [2005-2007], from United Nations (2013b). [2008-2011], crude estimates – best guesses. [1995-2004], from United Nations (2011b, d). [1990-1994], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1990-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the

rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(137)(611)(212)(442) Luxembourg**

Tax Ratio: [1999-2011], from International Monetary Fund (2013). [1998], extrapolated back using the rate of change of United Nations (2011a, b). [1972-1997], extrapolated back using rate of changes of International Monetary Fund (2012), except for [1989], which is extrapolated using the rate of change of Arbetman and Kugler (1997), [1960-1971], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1970-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(962)(612)(343)(807) Macedonia, F.Y.R.**

Tax Ratio: [2006-2011], from International Monetary Fund Country Report No. 12/133, table 2, pg 27. [2004-2005], from International Monetary Fund Country Report No. 06/344, table 4, pg 36. [2000-2003], from International Monetary Fund Country Report No. 03/131, table 3, pg 31. [1997-1999], from International Monetary Fund Country Report No. 02/48, table A13, pg 58.

Tax Ratio (OECD): [2006-2011], from International Monetary Fund Country Report No. 12/133, table 2, pg 27. [2004-2005], from International Monetary Fund Country Report No. 06/344, table 4, pg 36. [2000-2003], from International Monetary Fund Country Report No. 03/131, table 3, pg 31. [1997-1999], from International Monetary Fund Country Report No. 02/48, table A13, pg 58.

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1997-2004], from United Nations (2011b, d). [1990-1996] & [2010], extrapolated using rate of changes of United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(674)(614)(580)(450) Madagascar**

Tax Ratio: [2005-2009], from International Monetary Fund Country Report No. 07/236, table 3b, pg 31, where [2008-2009] are projections. [2010-2011], extrapolated using three year moving average. [1990-2008], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>, except for [1998-1999], which is extrapolated using rate of changes of Arbetman and Johnson (2008a). [1960-1989], extrapolated back using rate of changes ofd Banks (2002).

Tax Ratio (OECD): [2005-2009], from International Monetary Fund Country Report No. 07/236, table 3b, pg 31, where [2008-2009] are projections. [2010-2011], extrapolated using three year moving average. [1990-2008], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>, except for [1998-1999], which is extrapolated using rate of changes of Arbetman and Johnson (2008a). [1960-1989], extrapolated back using rate of changes ofd Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1995-2004], from United Nations (2011b, d). [1970-1994], extrapolated back using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(676)(616)(553)(454) Malawi**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 12/221, table 1, pg 20. [2008]. from International Monetary Fund Country Report No. 10/87, table1a, pg 21. [2002-2007], from International Monetary Fund Country Report No. 07/147, table 2c, pg 28. [1990-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 12/221, table 1, pg 20. [2008]. from International Monetary Fund Country Report No. 10/87, table1a, pg 21. [2002-2007], from International Monetary Fund Country Report No. 07/147, table 2c, pg 28. [1990-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1997-2007], from United Nations (2011b, d). [1970-1996] & [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(548)(618)(820)(454) Malaysia**

Tax Ratio: [2000-2001], from International Monetary Fund (2011). [2002-2011], extrapolated using rate of changes of World Bank (2013). [1990-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2000-2001], from International Monetary Fund (2011). [2002-2011], extrapolated using rate of changes of World Bank (2013). [1990-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a), except for [1983], which is extrapolated using rate of changes of World Bank (2012). [1969-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1960-2004], from United Nations (2011b, d), except for [1973-1977] & [1979-1982] & [1984-1988], which are extrapolated using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a). [1969-1969], from back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(556)(622)(781)(462) Maldives**

Tax Ratio: [1990-2010], from International Monetary Fund (2013). [2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 11/293, table 2, pg 25, where [2011] is a projection. [1975-1989], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [1990-2010], from International Monetary Fund (2013). [2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 11/293, table 2, pg 25, where [2011] is a projection. [1975-1989], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011b, d). [2011], crude estimate – best guess.

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1995-2011], from World Bank (2013). [1969-1994], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

**(678)(624)(432)(466) Mali**

Tax Ratio: [2000-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 13/44, table 5, pg 23. [1960-1964] & [1990-1999], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1965-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2000-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 13/44, table 5, pg 23. [1960-1964] & [1990-1999], extrapolated back using rate of changes of Arbetman

and Johnson (2008a). [1965-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1967-2019], from World Bank (2013). [2010-2011], extrapolated using rate of changes of United Nations (2013a). [1960-1966], crude estimates-best guesses.

Mining: [2005-2011], from United Nations (2013b). [1982-2004], from United Nations (2011b, d), except for [1993-1995], which is extrapolated using rate of changes of Arbetman and Johnson (2008a). [1970-1981], extrapolated back using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1967-2011], from World Bank (2013). [1960-1966], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(181)(626)(338)(470) Malta**

Tax Ratio: [1999-2011], from International Monetary Fund (2013). [1990-1998], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1999-2011], from International Monetary Fund (2013). [1990-1998], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1960-2010], from United Nations (2011b, d). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(867)(628)(983)(584) Marshall Islands**

Tax Ratio: All years are missing.

Tax Ratio (OECD): All years are missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1991-2001], from United Nations (2011b, d). [2002-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1981-2011], from World Bank (2013). [1970-1980], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(682)(634)(435)(478) Mauritania**

Tax Ratio: [2002-2011], from International Monetary Fund (2013). [1980-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1979], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013). [1980-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1979], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2009], from United Nations (2013b). [2010-2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1970-2004], from United Nations (2011b, d). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997), where the ratio of [1963] changed from 0.57 to 0.226 (possible typo in the previous data set).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(684)(636)(590)(480) Mauritius**

Tax Ratio: [2002-2010], from International Monetary Fund (2012). [2011], extrapolated using the rate of change of World Bank (2013). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1973-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1972], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2002-2010], from International Monetary Fund (2012). [2011], extrapolated using the rate of change of World Bank (2013). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1973-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1972], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2010], from United Nations (2011b, d). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

GDP per Capita: [1976-2011], from World Bank (2013). [1960-1975], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(273)(638)(70)(484) Mexico**

Tax Ratio: [1972-1998], from International Monetary Fund (2012). [1999-2008], extrapolated using rate of changes of United Nations (2011a, b). [2008-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 12/316, table 2, pg 29. [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1980-2010], from OECD (2013a). [1972-1979], extrapolated using rate of changes of International Monetary Fund (2012). [2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 12/316, table 2, pg 29. [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-2007], from United Nations (2011b, d). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(868)(642)(987)(583) Micronesia, Fed.Sts.**

Tax Ratio: All years are missing.

Tax Ratio (OECD): All years are missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011b, d). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1986-2011], from World Bank (2013). [1969-1985], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

**(921)(643)(359)(498) Moldova**

Tax Ratio: [2002-2011], from International Monetary Fund (2013). [1996-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991-1995], extrapolated back using rate of changes of United Nations (2011a, b).

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013). [1996-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991-1995], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1990-2011], from United Nations (2013a). [1989], extrapolated back using the rate of change of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1993-2004], from United Nations (2011b, d). [1991-1992], crude estimates-best guesses.

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1980-2011], from World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1992-2009], from Heston et al (2011). [1980-1991] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(948)(644)(712)(496) Mongolia**

Tax Ratio: [2002-2011], from International Monetary Fund (2013), except for [2004-2005], which is computed using linear interpolation. [1992-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991], extrapolated back using the average of next three years.

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013), except for [2004-2005], which is computed using linear interpolation. [1992-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991], extrapolated back using the average of next three years.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], crude estimates-best guesses.

Mining: [1995-2009], from United Nations (2011b, d). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1970-1994], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1981-2011], from World Bank (2013). [1969-1980], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1968], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

**(943)(646)(341)(499) Montenegro, Rep. Of**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [2000-2004], from United Nations (2011b, d). [1990-1999], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1997-2011], from World Bank (2013). [1990-1996], extrapolated back using rate of changes of Heston et al (2011).

GDP per Capita, PPP: [1990], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(351)(648)(1021)(500) Montserrat**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: All years missing.

GDP per Capita, PPP: All years missing.

**(686)(652)(600)(504) Morocco**

Tax Ratio: [2002-2011], from International Monetary Fund (2013). [1999-2001], extrapolated back from rate of changes of United Nations (2011a, b). [1990-1994] & [1997-1998], extrapolated back from rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1987-1989] & [1995-1996], extrapolated back from rate of changes of Arbetman and Johnson (2008a). [1960-1986], extrapolated back from rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013). [1999-2001], extrapolated back from rate of changes of United Nations (2011a, b). [1990-1994] & [1997-1998], extrapolated back from rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1987-1989] & [1995-1996], extrapolated back from rate of changes of Arbetman and Johnson (2008a). [1960-1986], extrapolated back from rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1970-2009], from United Nations (2011b, d). [2010], extrapolated using the rate of change of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(688)(654)(541)(508) Mozambique**

Tax Ratio: [2010-2011], from International Monetary Fund Country Report No. 13/200, table 3, pg 29. [2009], from International Monetary Fund Country Report No. 11/149, table 3, pg 28. [2007-2008], from International Monetary Fund Country Report No. 09/227, table 2b, pg 22. [2004-2006], from International Monetary Fund Country Report No. 07/262, table 2, pg 36. [2000-2003], from International Monetary Fund Country Report No.05/318, box 1, pg 10. [1983-1999], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1982], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2010-2011], from International Monetary Fund Country Report No. 13/200, table 3, pg 29. [2009], from International Monetary Fund Country Report No. 11/149, table 3, pg 28. [2007-2008], from International Monetary Fund Country Report No. 09/227, table 2b, pg 22. [2004-2006], from International Monetary Fund Country Report No. 07/262, table 2, pg 36. [2000-2003], from International Monetary Fund Country Report No.05/318, box 1, pg 10. [1983-1999], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1982], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1991-2004,] from United Nations (2011b, d). [2010], extrapolated using the rate of change of United Nations (2011c). [1960-1990], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

## **(518)(656)(775)(104) Myanmar**

Tax Ratio: [1990-2005], from World Bank (2012). [2006-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008-2011], extrapolated using International Monetary Fund Country Report No. 12/104, table 2, pg 18, where [2011] is a projection. [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1990-2005], from World Bank (2012). [2006-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008-2011], extrapolated using from International Monetary Fund Country Report No. 12/104, table 2, pg 18, where [2011] is a projection. [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1962-2004] from United Nations (2011b, d), except for [1996-1997], which is extrapolated using the rate of change of United Nations (2011c). [2010], extrapolated using the rate of change of United Nations (2011c). [1960-1961], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [2011], from World Bank (2013). [1960-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [2008-2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>.

GDP per Capita, PPP: [1980-2010], from World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1979], extrapolated back using rate of changes of Maddison (2008).

## **(728)(662)(565)(516) Namibia**

Tax Ratio: [1990-2006], from World Bank (2012). [2007-2011], extrapolated using International Monetary Fund Country Report No. 12/41, table 3b, pg 28, where [2011] is a projection and International Monetary Fund Country Report No. 08/83, table3, pg 27. [1960-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [1990-2006], from World Bank (2012). [2007-2011], extrapolated using International Monetary Fund Country Report No. 12/41, table 3b, pg 28, where [2011] is a projection and International Monetary Fund Country Report No. 08/83, table3, pg 27. [1960-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [2005-2009], from United Nations (2013b). [2010- 2011], extrapolated using rate of changes of United Nations (2013a) (manufacturing&mining – mining values). [1980-2004] from United Nations (2011b, d). [1970-1979] & [2010], extrapolated using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(836)(664)(970)(520) Nauru**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2009], from United Nations (2013b).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: All years missing.

GDP per Capita, PPP: All years missing.

### **(558)(666)(790)(524) Nepal**

Tax Ratio: [1990-2011], from World Bank (2013). [1976-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1990-2011], from World Bank (2013). [1976-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1965-2004] from United Nations (2011b, d). [1960-1964], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1965-1969], extrapolated back using rate of changes of World Bank (2012). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(138)(668)(210)(528) Netherlands**

Tax Ratio: [1996-2011], from International Monetary Fund (2013). [1975-1995], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2010], from OECD (2013a). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1969-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1960-1968], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(353)(672)(1022)(1022) Netherlands Antilles**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011b, d). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: All years missing.

GDP per Capita, PPP: All years missing.

### **(839)(674)(1023)(540) New Caledonia**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011b, d). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1965-1997], from World Bank (2013). [1998-2000], extrapolated using rate of changes of World Bank (2012).

GDP per Capita, PPP: All years missing.

### **(196)(676)(920)(554) New Zealand**

Tax Ratio: [2009-2011], from International Monetary Fund (2013). [2008], extrapolated back using the rate of change of United Nations (2011a, b). [1978-2007], extrapolated using rate of changes of International Monetary Fund (2012), except for [1982-1989], which is extrapolated using rate of changes of Arbetman and Kugler (1997), [1990-2002], which is extrapolated using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1977], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [1971-2002], from United Nations (2011b, d). [2003-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1970], extrapolated using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1977-2011], from World Bank (2013). [1960-1976], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

**(278)(678)(93)(558) Nicaragua**

Tax Ratio: [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d), except for [1977-1991], which is extrapolated using rate of changes of Arbetman and Johnson (2008a), and [1970-1976] refers to metal ore mining only. [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(692)(682)(436)(562) Niger**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 11/357, table 2b, pg 21. [2006-2008], from International Monetary Fund Country Report No. 09/59, table 2b, pg 29. [2005], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1973-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a), where [1986] ratio changed from 0.46 to 0.26 (possible type in the previous data set). [1960-1972], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 11/357, table 2b, pg 21. [2006-2008], from International Monetary Fund Country Report No. 09/59, table 2b, pg 29. [2005], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1973-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a), where [1986] ratio changed from 0.46 to 0.26 (possible type in the previous data set). [1960-1972], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1975-2004] from United Nations (2011b, d). [1970-1974], extrapolated back using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(694)(684)(475)(566) Nigeria**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 11/57, table 3b, pg 23, where the values refer to total revenue, and [2010-2011] are projections. [1978-2006], from Arbetman and Johnson (2008a), where [1989] & [1991] are adjusted by multiplication by 10 due to possible hyperinflation effects. [1960-1977], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 11/57, table 3b, pg 23, where the values refer to total revenue, and [2010-2011] are projections. [1978-2006], from Arbetman and Johnson (2008a), where [1989] & [1991] are adjusted by multiplication by 10 due to possible hyperinflation effects. [1960-1977], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2009], from United Nations (2013b). [2010-2011], extrapolated using rate of changes of United Nations (2013a) (manufacturing&mining – mining values). [1960-2004], from United Nations (2011b, d). [2010], extrapolated using the rate of change of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(142)(686)(385)(578) Norway**

Tax Ratio: [2000-2011], from International Monetary Fund (2013). [1999], extrapolated back using the rate of change of from International Monetary Fund (2011)<sup>b</sup>. [1973-1998], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1972], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2000-2011], from International Monetary Fund (2013). [1999], extrapolated back using the rate of change of from International Monetary Fund (2011)<sup>b</sup>. [1973-1998], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1972], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2008], from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(449)(688)(698)(512) Oman**

Tax Ratio: [2008-2011], from International Monetary Fund Press Release No. 13/253. Available from: <http://www.imf.org/external/np/sec/pr/2013/pr13253.htm>. [2002-2007], crude estimates – best guesses based on the rate of changes of Arbetman and Johnson (2008a). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1970-1989], extrapolated back using rate of changes of Banks (2002), except for [1973], which is a crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2008-2011], from International Monetary Fund Press Release No. 13/253. Available from: <http://www.imf.org/external/np/sec/pr/2013/pr13253.htm>. [2002-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1970-1989], extrapolated back using rate of changes of Banks (2002), except for [1973], which is a crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2010], from United Nations (2013b). [2011], crude estimate – best guess. [1970-2004], from United Nations (2011b, d). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1967-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1966], crude estimates – best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using the rate of change of Maddison (2008).

**(564)(692)(770)(586) Pakistan**

Tax Ratio: [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1969-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1960-2004], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1967-1969], extrapolated back using rate of changes of World Bank (2012). [1960-1966], extrapolated back using rate of changes of Arbetman and Kugler (1997).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(565)(694)(986)(585) Palau**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1996-2001], from United Nations (2011b, d). [1970-1995] & [2002-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1991-2011], from World Bank (2013). [1969-1990], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1980-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(283)(698)(95)(591) Panama**

Tax Ratio: [2008-2011], from International Monetary Fund Country Report No. 12/83, table 2, pg 29, where [2011] is a projection. [2006-2007], from International Monetary Fund Country Report No. 10/314, table 2, pg 21. [2005], from International Monetary Fund Country Report No. 09/207, table 2, pg 26. [2002-2008], extrapolated back using rate of changes of United Nations (2011a, b). [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011). [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 12/83, table 2, pg 29. [1975-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1960-2010] from United Nations (2011b, d). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(853)(716)(910)(598) Papua New Guinea**

Tax Ratio: [1990-2002], from International Monetary Fund (2011)<sup>b</sup>. [2003-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of International Monetary Fund Country Report No. 11/117, table 2, pg 23, and International Monetary Fund Country Report No. 10/164, table 2, pg 22. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2002], from International Monetary Fund (2011)<sup>b</sup>. [2003-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of International Monetary Fund Country Report No. 11/117, table 2, pg 23, and International Monetary Fund Country Report No. 10/164, table 2, pg 22. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1970-2006], from United Nations (2011b, d), except for [1977], which is extrapolated using the rate of change of United Nations (2011c). [2007-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1961-1969], extrapolated back using rate of changes of World Bank (2012). [1960], extrapolated back using the rate of change of Arbetman and Kugler (1997).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(288)(718)(150)(600) Paraguay**

Tax Ratio: [2005-2011], from International Monetary Fund (2013). [1990-2004], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1976-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1976-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1960-2009], from United Nations (2011b, d). extrapolated using the rate of change of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(293)(722)(135)(604) Peru**

Tax Ratio: [1995-2011], from International Monetary Fund (2013). [1990-1994], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1985-1989], extrapolated

back using rate of changes of Arbetman and Johnson (2008a). [1960-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1985-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1970-2009], from United Nations (2011b, d). [2010], extrapolated using the rate of change of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(566)(724)(840)(608) Philippines**

Tax Ratio: [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

Mining: [1960-1970] from United Nations (2011b, d). [1971-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013b).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(964)(726)(290)(616) Poland**

Tax Ratio: [1994-2011], from International Monetary Fund (2013), except for [1999-2000], which is computed using linear interpolation. [1984-1993], extrapolated back using rate of changes of International Monetary Fund (2012), except for [1989-1993], which is computed using linear interpolation. [1960-1983], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [1990-2010], from OECD (2013a). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1984-1989], extrapolated back using rate of changes of International Monetary Fund (2012), except for [1989], which is computed using linear interpolation. [1960-1983], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1992-2008], from United Nations (2011b, d). [1970-1991] & [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1990-2011], from World Bank (2012).

GDP per Capita, PPP: [1991-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1970-1990], extrapolated back using rate of changes of Heston et al (2013).

### **(182)(728)(235)(620) Portugal**

Tax Ratio: [1999-2011], from International Monetary Fund (2013). [1974-1998], extrapolated back using rate of changes of International Monetary Fund (2012), except for [1985-1986], which is extrapolated using rate of changes of Arbetman and Johnson (2008a), and [1995] & [1997-1998], which are extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1973], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2010], from OECD (2013a). [2011], extrapolated using the rate of change of International Monetary Fund (2013). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-2006], from United Nations (2011b, d), except for [1977-1988], which is extrapolated using rate of changes of Arbetman and Kugler (1997). [2007-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(453)(732)(694)(634) Qatar**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 12/18, table 1, pg 27. [2002-2006], from International Monetary Fund Country Report No. 08/5, table 2, pg 25. [1996-2001], extrapolated back using rate of changes of United Nations (2011a, b). [1960-1985], crude estimates – best guesses based on the rate of changes of Arbetman and Johnson (2008a).

Tax series for Qatar is adjusted by multiplication by 1.8 to represent the inclusion of hydrocarbon revenues.

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 12/18, table 1, pg 27. [2002-2006], from International Monetary Fund Country Report No. 08/5, table 2, pg 25. [1996-2001], extrapolated back using rate of changes of United Nations (2011a, b). [1960-1985], crude estimates – best guesses based on the rate of changes of Arbetman and Johnson (2008a). Tax series for Qatar is adjusted by multiplication by 1.8 to represent the inclusion of hydrocarbon revenues.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [2005-2010], from United Nations (2013b). [2011], crude estimate – best guess. [1975-2004], from United Nations (2011b, d). [1960-1974], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], from Arbetman and Johnson (2008a).

GDP per Capita: [2000-2011], from World Bank (2013). [1960-1999], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1985], extrapolated back using rate of changes of Maddison (2008).

### **(968)(734)(360)(642) Romania**

Tax Ratio: [2002-2011], from International Monetary Fund (2013), except for [2009], which is computed using linear interpolation. [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013), except for [2009], which is computed using linear interpolation. [1990-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1989-2008], from United Nations (2011b, d). [1970-1988] & [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(922)(738)(365)(643) Russia**

Tax Ratio: [2000-2011], from International Monetary Fund (2013). [1989-1999], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1970-2011], from United Nations (2013a), where [1970-1990] values refer to Soviet Union.

Mining: [2005-2011], from United Nations (2013b). [2002-2004], from United Nations (2011b, d). [1990-2001], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1989-2011], from World Bank (2013). [1969-1988], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(714)(741)(517)(646) Rwanda**

Tax Ratio: [2008-2011], from International Monetary Fund Country Report No. 13/77, table 3, pg 33. [2006-2007], from International Monetary Fund Country Report No. 11/19, table 4, pg 40. [1993-2005], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1990-1992], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1967-1989], extrapolated back using rate of changes of Banks (2002). [1960-1966], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2008-2011], from International Monetary Fund Country Report No. 13/77, table 3, pg 33. [2006-2007], from International Monetary Fund Country Report No. 11/19, table 4, pg 40. [1993-2005], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1990-1992], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1967-1989], extrapolated back using rate of changes of Banks (2002). [1960-1966], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(862)(746)(990)(882) Samoa**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1982-2011], from World Bank (2013). [1969-1981], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

### **(135)(748)(331)(674) San Marino**

Tax Ratio: [2002-2009], from International Monetary Fund (2013), except for [2003-2004], which are crude estimates – best guesses [2010-2011], extrapolated using rate of changes of of International Monetary Fund Country Report No. 12/108, table 5, pg 22.

Tax Ratio (OECD): [2002-2009], from International Monetary Fund (2013), except for [2003-2004], which are crude estimates – best guesses [2010-2011], extrapolated using rate of changes of of International Monetary Fund Country Report No. 12/108, table 5, pg 22.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], crude estimates – best guesses. No known major mining production in San Marino.

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1970-2008], from World Bank (2013). [2009-2011], extrapolated using rate of changes of United Nations (2013a).

GDP per Capita, PPP: All years missing.

### **(716)(751)(403)(678) Sao Tome & Principe**

Tax Ratio: [2007-2011], from International Monetary Fund Country Report No. 12/34, table 1, pg 19. [2005-2006], from International Monetary Fund Country Report No. 08/307, table 1, pg 24. [1960-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund Country Report No. 12/34, table 1, pg 19. [2005-2006], from International Monetary Fund Country Report No. 08/307, table 1, pg 24. [1960-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a)

Mining: [1970-2010], from United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a)

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [2001-2011], from World Bank (2013). [1960-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

#### **(456)(754)(670)(682) Saudi Arabia**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 11/292, table 1, pg 26, where [2011] is a projection. [2005-2008], from International Monetary Fund 2009 Article IV Consultation with Saudi Arabia. [2003-2004], from International Monetary Fund 2007 Article IV Consultation with Saudi Arabia. [1960-2002], extrapolated back using rate of changes of Arbetman and Johnson (2008a), except for [1986], which is a crude estimate – best guess (there was a potential typo in the original series). Tax series for Saudi Arabia is adjusted by multiplication by 0.4 to take into account the tax portion of the hydrocarbon revenues.

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 11/292, table 1, pg 26, where [2011] is a projection. [2005-2008], from International Monetary Fund 2009 Article IV Consultation with Saudi Arabia. [2003-2004], from International Monetary Fund 2007 Article IV Consultation with Saudi Arabia. [1960-2002], extrapolated back using rate of changes of Arbetman and Johnson (2008a), except for [1986], which is a crude estimate – best guess (there was a potential typo in the original series). Tax series for Saudi Arabia is adjusted by multiplication by 0.4 to take into account the tax portion of the hydrocarbon revenues.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a)

Exports: [1970-2011], from United Nations (2013a). [1968-1969], extrapolated back using rate of changes of World Bank (2012). [1960-1967], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita: [1968-2011], from World Bank (2013). [1960-1967], extrapolated back using rate of changes of Arbetman and Johnson (2008a)

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [1980-1985] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1979], extrapolated back using rate of changes of Maddison (2008).

### **(722)(758)(433)(686) Senegal**

Tax Ratio: [2011], from International Monetary Fund Country Report No. 12/337, table 4, pg 20. [2007-2010], from International Monetary Fund Country Report No. 10/165, table 4, pg 28, where [2010] is a projection. [2006], from International Monetary Fund Country Report No. 08/209, table 4, pg 32. [2003-2005], from International Monetary Fund Country Report No. 07/335, table 6, pg 23. [2001-2002], from International Monetary Fund Country Report No. 06/274, table 7, pg 34. [1996-2000], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1990-1995], extrapolated back using rate of changes of United Nations

(2011a. b). [1985-1989], extrapolated back using rate of changes of Banks (2002). [1960-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2011], from International Monetary Fund Country Report No. 12/337, table 4, pg 20. [2007-2010], from International Monetary Fund Country Report No. 10/165, table 4, pg 28, where [2010] is a projection. [2006], from International Monetary Fund Country Report No. 08/209, table 4, pg 32. [2003-2005], from International Monetary Fund Country Report No. 07/335, table 6, pg 23. [2001-2002], from International Monetary Fund Country Report No. 06/274, table 7, pg 34. [1996-2000], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1990-1995], extrapolated back using rate of changes of United Nations (2011a. b). [1985-1989], extrapolated back using rate of changes of Banks (2002). [1960-1984], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [1979-2004], from United Nations (2011b, d). [1960-1978], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(942)(813)(347)(688) Serbia, Republic of**

Tax Ratio: [2007-2011], from International Monetary Fund (2013). [1997-2006], extrapolated back using rate of changes of United Nations (2011a, b).

Tax Ratio (OECD): [2007-2011], from International Monetary Fund (2012). [1997-2006], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [2005-2009], from United Nations (2013b). [2010-2011], extrapolated using rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1997-2004], from United Nations (2011b, d). [1990-1996], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1989-2011], from World Bank (2013). [1969-1988], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [2005-2009], from Heston et al (2011). [1990-2004] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(718)(816)(591)(690) Seychelles**

Tax Ratio: [2002-2011], from International Monetary Fund (2013). [1993-2001], extrapolated back using rate of changes of World Bank (2012). [1960-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013). [1993-2001], extrapolated back using rate of changes of World Bank (2012). [1960-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [1970-2010], from United Nations (2011c). [2011], crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(724)(819)(451)(694) Sierra Leone**

Tax Ratio: [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1964-1969], extrapolated back using rate of changes of World Bank (2013). [1960-1963], extrapolated back using rate of changes of Arbetman and Kugler (1997). There is a potential problem in [1989-1990], further checks from local sources are recommended.

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d), except for [1991-2001], which is extrapolated using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1964-1969], extrapolated back using rate of changes of World Bank (2012). [1960-1963], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1961-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960], extrapolated back using rate of changes of Maddison (2008).

### **(576)(823)(830)(702) Singapore**

Tax Ratio: [2001-2011], from International Monetary Fund (2013). [1990-2000], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2001-2011], from International Monetary Fund (2013). [1990-2000], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2005], from United Nations (2013a). [2006-2011], crude estimates – best guesses. [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1970-1989], from United Nations (2011b, d). [1990-2010], which is extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1965-1969], extrapolated back using rate of changes of World Bank (2012). [1960-1964], extrapolated back using rate of changes of Organski et al (1984). We are well aware that exports for Singapore is much higher than its GDP. This is mainly because this country is a major trade hub.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1961-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(936)(826)(317)(703) Slovak Republic**

Tax Ratio: [2000-2011], from International Monetary Fund (2013). [1999], extrapolated back using the rate of change of International Monetary Fund (2011)<sup>b</sup>. [1996-1998], extrapolated back from the rate of change of International Monetary Fund (2012). [1993-1995], extrapolated back using rate of changes of United Nations (2011a, b). [1991-1992], crude estimates-best guesses.

Tax Ratio (OECD): [1995- 2011], from OECD (2013a). [1993-1994], extrapolated back using rate of changes of United Nations (2011a, b). [1991-1992], crude estimates-best guesses.

Agriculture: [1990-2011], from United Nations (2013a). [1985-1989], extrapolated back using rate of changes of World Bank (2012).

Mining: [1993-2008], from United Nations (2011b, d). [1990-1992] & [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1990-2011], from United Nations (2013a). [1987-1989], extrapolated back using the rate of change of World Bank (2013).

GDP per Capita: [1984-2011], from World Bank (2013). [1969-1983], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1987-2009], from Heston et al (2011). [1984-1986] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1983], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(961)(829)(349)(705) Slovenia**

Tax Ratio: [1995-2011], from International Monetary Fund (2013) except for [1999], which is extrapolated using the rate of change of International Monetary Fund (2011)<sup>b</sup>. [1992-1994], extrapolated back using rate of changes of International Monetary Fund (2012). [1991], crude estimate – best guess.

Tax Ratio (OECD): [1995-2011], from OECD (2013a). [1992-1994], extrapolated back using rate of changes of International Monetary Fund (2012). [1991], crude estimate – best guess.

Agriculture: [1990-2011], from United Nations (2013a). [1985-1989], extrapolated back using rate of changes of United Nations (2011b, d).

Mining: [1985-2009], from United Nations (2011b, d). [2010], extrapolated using the rate of change of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(813)(836)(940)(90) Solomon Islands**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1990-2011], from World Bank (2013). [1967-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1967-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(726)(839)(520)(706) Somalia**

Tax Ratio: [1979-2007], from Arbetman and Johnson (2008a). [2008-2011], extrapolated using three year moving average. [1960-1978], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1979-2007], from Arbetman and Johnson (2008a). [2008-2011], extrapolated using three year moving average. [1960-1978], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1970-1987] from United Nations (2011b, d). [1988-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2007], from Arbetman and Johnson (2008a). [2008-2009], extrapolated using rate of changes of Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], crude estimate – best guess.

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(199)(846)(560)(710) South Africa**

Tax Ratio: [1977-2011], from International Monetary Fund (2013). [1976], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1975], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1977-2011], from International Monetary Fund (2013). [1976], extrapolated using rate of changes of Arbetman and Johnson (2008a). [1960-1975], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1960-2004], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(184)(853)(230)(724) Spain**

Tax Ratio: [1980-2011], from International Monetary Fund (2013). [1976-1979], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1985-2008], from United Nations (2011b, d). [1970-1984] & [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(524)(856)(780)(144) Sri Lanka**

Tax Ratio: [1990-2008], from International Monetary Fund (2011)<sup>b</sup>. [2009-2011], extrapolated using rate of changes of World Bank (2013). [1976-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1990-2008], from International Monetary Fund (2011)<sup>b</sup>. [2009-2011], extrapolated using rate of changes of World Bank (2013). [1976-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). [1960-1975], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1970-2004] from United Nations (2011b, d). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(361)(862)(60)(659) St. Kitts and Nevis**

Tax Ratio: [2002-2011], from International Monetary Fund (2013). [1995-2001], computed using linear interpolation. [1990-1994], extrapolated back using rate of changes of International Monetary Fund (2012). [1983-1989], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013). [1995-2001], computed using linear interpolation. [1990-1994], extrapolated back using rate of changes of International Monetary Fund (2012). [1983-1989], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1976-2004], from United Nations (2011b, d). [1970-1975], extrapolated back using rate of changes of United Nations (2011c). [1965-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1977-2011], from World Bank (2013). [1969-1976], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

### **(362)(866)(56)(662) St. Lucia**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1975-2010], from United Nations (2011c), except for [1988-1989], which is extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1970-1974], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1980-2011], from World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

### **(364)(868)(57)(670) St. Vincent and Grenadines**

Tax Ratio: [1991-2004], from International Monetary Fund (2012). [2005-2011], extrapolated using rate of changes of World Bank (2013). [1979-1990], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [1991-2004], from International Monetary Fund (2012). [2005-2011], extrapolated using rate of changes of World Bank (2013). [1979-1990], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1977-2010], from United Nations (2011b, d). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1970-1976], extrapolated using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(732)(887)(625)(729) Sudan**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 21/298, table 1, pg 30. [2007-2008], from International Monetary Fund Country Report No. 10/256, table 2, pg 24. [2004-2006], from International Monetary Fund Country Report No. 07/343, table 2, pg 24. [2002-2003], from International Monetary Fund Country Report No. 06/182, table 4, pg 23. [2000-2001], from International Monetary Fund Country Report No. 03/390, table 5, pg 50. [1994-1999], from International Monetary Fund Country Report No. 00/80, table 18, pg 20. [1960-1993], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 21/298, table 1, pg 30. [2007-2008], from International Monetary Fund Country Report No. 10/256, table 2, pg 24. [2004-2006], from International Monetary Fund Country Report No. 07/343, table 2, pg

24. [2002-2003], from International Monetary Fund Country Report No. 06/182, table 4, pg 23.  
[2000-2001], from International Monetary Fund Country Report No. 03/390, table 5, pg 50.  
[1994-1999], from International Monetary Fund Country Report No. 00/80, table 18, pg 20.  
[1960-1993], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1960-2011], from World Bank (2013)

Mining: [1970-2009] from United Nations (2011b, d), except for [1984-1994], which is computed using linear interpolation. [2010], extrapolated using the rate of change of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1960-2011], from World Bank (2013)

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(366)(911)(115)(740) Suriname**

Tax Ratio: [2008-2011], from International Monetary Fund Country Report No. 12/281, table 2, pg 22. [2005-2007], from International Monetary Fund Country Report No. 10/44, table 2, pg 22. [2003-2004], from International Monetary Fund Country Report No. 08/294, table 8, pg 10. [1999-2002], from International Monetary Fund Country Report No. 03/357, table 12, pg 31. [1960-1998], extrapolated back using rate of changes of Arbetman and Johnson (2008a). Tax Ratio (OECD): [2008-2011], from International Monetary Fund Country Report No. 12/281, table 2, pg 22. [2005-2007], from International Monetary Fund Country Report No. 10/44, table 2, pg 22. [2003-2004], from International Monetary Fund Country Report No. 08/294, table 8, pg 10. [1999-2002], from International Monetary Fund Country Report No. 03/357, table 12, pg 31. [1960-1998], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1975-2007] from United Nations (2011b, d). [1970-1974] & [2010], extrapolated using the rate of change of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1975-2011], from World Bank (2013). [1960-1974], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

#### **(734)(912)(572)(748) Swaziland**

Tax Ratio: [2003], from International Monetary Fund (2011). [1960-1967] & [1994-1998] & [2004-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008], extrapolated using the rate of change of International Monetary Fund Country Report No. 08/356, table 2, pg 22 and International Monetary Fund Country Report No. 11/25, table 3, pg 21. [2009-2011], extrapolated using the rate of change of International Monetary Fund Country Report No.11/25, table 3, pg 21 and International Monetary Fund Country Report No. 12/37, table 4, pg 21, where [2011] is a projection. [1999-2002], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1968-1993], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [2003], from International Monetary Fund (2011). [1960-1967] & [1994-1998] & [2004-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008], extrapolated using the rate of change of International Monetary Fund Country Report No. 08/356, table 2, pg 22 and International Monetary Fund Country Report No. 11/25, table 3, pg 21. [2009-2011], extrapolated using the rate of change of International Monetary Fund Country Report No.11/25, table 3, pg 21 and International Monetary Fund Country Report No. 12/37, table 4, pg 21, where [2011] is a projection. [1999-2002], extrapolated back using rate of

changes of International Monetary Fund (2011)<sup>b</sup>. [1968-1993], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1970-2004] from United Nations (2011b, d), except for [1971-1979], which is computed using linear interpolation. [2010], extrapolated using the rate of change of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

#### **(144)(913)(380)(752) Sweden**

Tax Ratio: [1972-2011], from International Monetary Fund (2013). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1970-2010], from United Nations (2011b, d). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(146)(914)(225)(756) Switzerland**

Tax Ratio: [1972-2009], from International Monetary Fund (2012). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of OECD (2013). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Mining: [1990-2008], from United Nations (2011b, d). [1970-1989] & [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012)..

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(463)(915)(652)(760) Syrian Arab Republic**

Tax Ratio: [1990-2008], from International Monetary Fund (2012), except for [1997], which is extrapolated using the rate of change of Arbetman and Johnson (2008a). [2009], extrapolated

using the rate of change of International Monetary Fund Country Report No. 10/86, table 2, pg 18. [2010-2011], extrapolated using three year moving average. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2008], from International Monetary Fund (2012), except for [1997], which is extrapolated using the rate of change of Arbetman and Johnson (2008a). [2009], extrapolated using the rate of change of International Monetary Fund Country Report No. 10/86, table 2, pg 18. [2010-2011], extrapolated using three year moving average. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1963-2004], from United Nations (2011b, d). [1960-1962], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(923)(917)(702)(762) Tajikistan**

Tax Ratio: [2003-2004], from International Monetary Fund (2012). [2000-2002] & [2005-2008], extrapolated using rate of changes of World Bank (2012). [2009-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 11/130, table 1, pg 25, where [2011] is a projection. [1998-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Tax Ratio (OECD): [2003-2004], from International Monetary Fund (2012). [2000-2002] & [2005-2008], extrapolated using rate of changes of World Bank (2012). [2009-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 11/130, table 1, pg 25, where [2011] is a projection. [1998-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Agriculture: [1990-2011], from United Nations (2013a). [1985-1989], extrapolated back using the rate of changes of World Bank (2012).

Mining: [1991-2011], crude estimates-best guesses.

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1985-2011], from World Bank (2013). [1969-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1985-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013). [1969-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(738)(918)(510)(834) Tanzania**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 11/105, table 25, pg 25, where [2011] is a projection. [2005-2008], from International Monetary Fund Country Report No. 09/179, table 4, pg 35. [1977-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1976], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 11/105, table 25, pg 25, where [2011] is a projection. [2005-2008], from International Monetary Fund Country Report No. 09/179, table 4, pg 35. [1977-2004], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1976], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1970-2004], from United Nations (2011b, d). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1961-1969], extrapolated back using rate of changes of World Bank (2012). [1960], extrapolated back using the rate of change of Arbetman and Kugler (1997).

GDP per Capita: [1988-2011], from World Bank (2013). [1960-1988], extrapolated back using rate of changes of Heston et al (2011).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(578)(921)(800)(764) Thailand**

Tax Ratio: [1995-2011], from International Monetary Fund (2013). [1990-1994], extrapolated back using the rate of changes of Arbetman and Johnson (2008a). [1972-1989], extrapolated back using the rate of changes of International Monetary Fund (2012). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1995-2011], from International Monetary Fund (2013). [1990-1994], extrapolated back using the rate of changes of Arbetman and Johnson (2008a). [1972-1989], extrapolated back using the rate of changes of International Monetary Fund (2012). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-2004], from

Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(537)(923)(860)(626) Timor-Leste**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1990-2011], from United Nations (2013a).

Mining: [1990-2010], from United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1999-2011], from World Bank (2013).

GDP per Capita, PPP: [1999-2009], from Heston et al (2011). [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(742)(924)(461)(768) Togo**

Tax Ratio: [2004-2011], from World Bank (2013). [1988-2003], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1987], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2004-2011], from World Bank (2013). [1988-2003], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1987], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [1970-2004], from United Nations (2011b, d), except for [1982-1997], which are extrapolated using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1961-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(866)(925)(955)(776) Tonga**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1975-2004], from United Nations (2011c), except for [1984-1993], which is extrapolated using rate of changes of Arbetman and Johnson (2008a). [1970-1974], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1980-2011], from World Bank (2013). [1962-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013). [1962-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(369)(926)(52)(780) Trinidad and Tobago**

Tax Ratio: [2001-2009], from World Bank (2013). [1996-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1992-1995], extrapolated back using rate of changes of World Bank (2012). [2010-2011], extrapolated using from International Monetary Fund Country Report No. 12/127, table 3, pg 29, where [2011] is a projection, and the data values refer to total revenues. [1990-1991], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2001-2009], from World Bank (2013). [1996-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1992-1995], extrapolated back using rate of changes of World Bank (2012). [2010-2011], extrapolated using from International Monetary Fund Country Report No. 12/127, table 3, pg 29, where [2011] is a projection, and the data values refer to total revenues. [1990-1991], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2009], from United Nations (2013b). [2010-2011], crude estimates – best guesses. [1966-2004], from United Nations (2011b, d), except for [1991], which is extrapolated using the rate of change of United Nations (2011c). [1960-1965], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

**(744)(927)(616)(788) Tunisia**

Tax Ratio: [2008-2011], from International Monetary Fund (2013). [1990-2007], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2008-2011], from International Monetary Fund (2013). [1990-2007], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1960-2009], from United Nations (2011b, d), where [1997-1998] values include crude petroleum and natural gas production. [2010], extrapolated using the rate of change of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1970-2011], from United Nations (2013a). [1961-1969], extrapolated back using rate of changes of World Bank (2012). [1960], extrapolated back using the rate of change of Organski et al (1984).

GDP per Capita: [1961-2011], from World Bank (2013). [1960], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1961-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960], extrapolated back using the rate of change of Maddison (2008).

### **(186)(928)(640)(792) Turkey**

Tax Ratio: [2008-2011], from International Monetary Fund (2013). [1987-2007], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>, except for [2001-2005], which is extrapolated using rate of changes of Arbetman and Johnson (2008a). [1960-1986], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1965-2011], from OECD (2013a). [1960-1964], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1960-2007], from United Nations (2011b, d). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(925)(934)(701)(795) Turkmenistan**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1990-2011], from United Nations (2013a). [1987-1989], extrapolated back using the rate of change of World Bank (2012).

Mining: [1990-1998], from United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1987-2011], from World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1987-1992] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

## **(746)(935)(500)(800) Uganda**

Tax Ratio: [1998-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 09/79, table 2, pg 26, where [2010-2011] are projections. [1987-1997], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1986], extrapolated back using rate of changes of Arbetman and Kugler (1997)

Tax Ratio (OECD): [1998-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010-2011], extrapolated using rate of changes of International Monetary Fund Country Report No. 09/79, table 2, pg 26, where [2010-2011] are projections. [1987-1997], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1986], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a), except for [1975-1976], which is a crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1970-2004], from United Nations (2011b, d), except for [1972-1974] & [1977-1980], which are extrapolated using rate of changes of United Nations (2011c), and [1975-1976], which is a crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1961-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1982-2011], from World Bank (2013). [1960-1981], extrapolated back using rate of changes of Heston et al (2011).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

## **(926)(936)(369)(804) Ukraine**

Tax Ratio: [2001-2011], from International Monetary Fund (2013). [1999-2000], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1989-1998], extrapolated back using rate of changes of United Nations (2011a, b).

Tax Ratio (OECD): [2001-2011], from International Monetary Fund (2013). [1999-2000], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1989-1998], extrapolated back using rate of changes of United Nations (2011a, b).

Agriculture: [1990-2011], from United Nations (2013a). [1987-1989], extrapolated back using rate of changes of World Bank (2012).

Mining: [2005-2011], from United Nations (2013b). [2000-2004], from United Nations (2011b, d). [1990-1999], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1987-2011], from World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1987-1992] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

#### **(466)(939)(696)(784) United Arab Emirates**

Tax Ratio: [1999-2011], from World Bank (2013). [1990-1998], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1971], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1972-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997). Tax series for United Arab Emirates is adjusted by multiplication by 1.5 to represent the inclusion of hydrocarbon revenues.

Tax Ratio (OECD): [1999-2011], from World Bank (2013). [1990-1998], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1960-1971], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1972-1989], extrapolated back using

rate of changes of Arbetman and Kugler (1997). Tax series for United Arab Emirates is adjusted by multiplication by 1.5 to represent the inclusion of hydrocarbon revenues.

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [2005-2010], from United Nations (2013b). [2011], crude estimate – best guess. [1972-2004], from United Nations (2011b, d), except for [1991-2001], which is extrapolated using rate of changes of United Nations (2011c). [1970-1971] & [2010], extrapolated using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

GDP per Capita: [1975-2011], from World Bank (2013). [1969-1974], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1985], extrapolated back using rate of changes of Maddison (2008).

### **(112)(941)(200)(826) United Kingdom**

Tax Ratio: [1972-2011], from International Monetary Fund (2013). [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from International Monetary Fund (2012). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [1960-2007], from Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], crude estimate – best guess.

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(111)(943)(2)(840) United States**

Tax Ratio: [1972-2011], from International Monetary Fund (2013), except for [1999], which extrapolated using the rate of change of International Monetary Fund (2011)<sup>b</sup>. [1960-1971], extrapolated back using rate of changes of Organski et al (1984).

Tax Ratio (OECD): [1965-2011], from International Monetary Fund (2013). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2008], from United Nations (2013b). [2000-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013). [1960-2007], from United Nations (2011b, d).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(298)(944)(165)(858) Uruguay**

Tax Ratio: [1990-2010], from World Bank (2012). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2011], from United Nations (2013b). [1967-2004], from United Nations (2011b, d). [1960-1966], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(927)(946)(704)(860) Uzbekistan**

Tax Ratio: [1990-2011], from World Bank (2013).

Tax Ratio (OECD): [1990-2011], from World Bank (2013).

Agriculture: [1990-2011], from United Nations (2013a). [1987-1989], extrapolated back using rate of changes of United Nations (2011c).

Mining: [1990-2010], from United Nations (2011c). [2011], extrapolated using the rate of change of World Bank (2013).

Exports: [1990-2011], from United Nations (2013a).

GDP per Capita: [1987-2011], from World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [1987-1989] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of

change of World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(846)(948)(935)(548) Vanuatu**

Tax Ratio: All years missing.

Tax Ratio (OECD): All years missing.

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [1970-2010], from United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1979-2011], from World Bank (2013). [1970-1978], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(299)(960)(101)(862) Venezuela**

Tax Ratio: [1990-2005], from International Monetary Fund (2011)<sup>b</sup>. [2006-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a). [2008-2010], extrapolated using rate of changes of OECD (2013b). [2011], extrapolated using three year moving average. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [1990-2010], from OECD (2013b). [2011], extrapolated using three year moving average. [1960-1989], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

Mining: [1970-2007], from United Nations (2011b, d). [2008-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(582)(961)(818)(704) Vietnam**

Tax Ratio: [1994-2004], from International Monetary Fund (2012). [2005-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>f</sup>. [2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 12/165, table 3, pg 22. [1979-2003], extrapolated back using rate of changes of Banks (2002).

Tax Ratio (OECD): [1994-2004], from International Monetary Fund (2012). [2005-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>f</sup>. [2011], extrapolated using the rate of change of International Monetary Fund Country Report No. 12/165, table 3, pg 22. [1979-2003], extrapolated back using rate of changes of Banks (2002).

Agriculture: [1970-2011], from United Nations (2013a).

Mining: [2005-2011], from United Nations (2013b). [1988-2004], from United Nations (2011b, d). [1970-1987], extrapolated back using rate of changes of United Nations (2011c).

Exports: [1970-2011], from United Nations (2013a).

GDP per Capita: [1984-2011], from World Bank (2013). [1969-1983], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1968], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

#### **(474)(963)(679)(887) Yemen, Republic Of**

Tax Ratio: [2002-2011], from International Monetary Fund (2013). [1960-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a), except for [1972-1988], which is extrapolated back using rate of changes of Arbetman and Kugler (1997), and [1990-1998], which is extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Tax Ratio (OECD): [2002-2011], from International Monetary Fund (2013). [1960-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a), except for [1972-1988], which is extrapolated back using rate of changes of Arbetman and Kugler (1997), and [1990-1998], which is extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

Agriculture: [1970-2011], from United Nations (2013a), where [1970-1988] values refer to Former Yemen Arab Republic. [1960-1969], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Mining: [1970-2008], from United Nations (2011b, d), except for [1986-1988], which is extrapolated using rate of changes of United Nations (2011c). [2009-2010], extrapolated using rate of changes of United Nations (2011c). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

Exports: [1970-2011], from United Nations (2013a), where [1970-1988] values refer to Former Yemen Arab Republic. [1960-1969], crude estimates-best guesses.

GDP per Capita: [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1989-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1988], extrapolated back using rate of changes of Maddison (2008).

**(754)(965)(551)(864) Zambia**

Tax Ratio: [2009-2011], from International Monetary Fund Country Report No. 12/200, table 1, pg 25. [2008], from International Monetary Fund Country Report No. 10/17, table 1, pg 23. [2005-2007], from International Monetary Fund Country Report No. 08/41, table 3, pg 19.

Tax Ratio (OECD): [2009-2011], from International Monetary Fund Country Report No. 12/200, table 1, pg 25. [2008], from International Monetary Fund Country Report No. 10/17, table 1, pg 23. [2005-2007], from International Monetary Fund Country Report No. 08/41, table 3, pg 19.

[1990-2010], from World Bank (2012), except for [2000], which is extrapolated using rate of changes of Arbetman and Johnson (2008a). [1988-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1987], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of World Bank (2013). [1970-2004], from United Nations (2011b, d), except for [1992-1993], which is extrapolated using rate of changes of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of World Bank (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(698)(968)(552)(716) Zimbabwe**

Tax Ratio: [2010-2011], from International Monetary Fund Country Report No. 12/279, table 3, pg 32. [2008-2009], from International Monetary Fund Country Report No. 10/186, table, pg 23.

[2005-2007], from International Monetary Fund Country Report No. 09/139, table 5, pg 25.  
[2001-2004], from International Monetary Fund Country Report No. 05/360, table 5, pg 31.  
[1999-2000], from International Monetary Fund Country Report No. 03/225, table 12, pg 12.  
[1991-1997], from International Monetary Fund Country Report No. 99/49, table 15, pg 17.  
[1990], computed using linear interpolation. [1976-1989], from International Monetary Fund (2012), [1960-1966], extrapolated back using rate of changes of Arbetman and Johnson (2008a).  
[1967-1975], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Tax Ratio (OECD): [2010-2011], from International Monetary Fund Country Report No. 12/279, table 3, pg 32. [2008-2009], from International Monetary Fund Country Report No. 10/186, table, pg 23. [2005-2007], from International Monetary Fund Country Report No. 09/139, table 5, pg 25. [2001-2004], from International Monetary Fund Country Report No. 05/360, table 5, pg 31. [1999-2000], from International Monetary Fund Country Report No. 03/225, table 12, pg 12. [1991-1997], from International Monetary Fund Country Report No. 99/49, table 15, pg 17. [1990], computed using linear interpolation. [1976-1989], from International Monetary Fund (2012), [1960-1966], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1967-1975], extrapolated back using rate of changes of Arbetman and Kugler (1997).

Agriculture: [1970-2011], from United Nations (2013a). [1965-1969], extrapolated back using rate of changes of World Bank (2013). [1960-1964], extrapolated back using rate of changes of Organski et al (1984).

Mining: [2005-2010], from United Nations (2013b). [2011], extrapolated using the rate of change of United Nations (2013a) (manufacturing&mining – mining values). [1970-2004], from United Nations (2011b, d). [2010], extrapolated using the rate of change of United Nations (2011c). [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

Exports: [1970-2011], from United Nations (2013a). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

## **COUNTRY NOTES FOR SOURCES FOR RPR**

### **(512)(111)(700)(4) Afghanistan**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2005], from Arbetman and Johnson (2008b). [2006-2011], extrapolated using rate-of-change of Central Intelligence Agency (2007-2010).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2006], from Arbetman and Johnson (2008a, b). [2007-2011], from International Monetary Fund (2013).

Education: [1970-2010], from UNESCO (2012b), except for 1979, 1983, 1987, 2002, which are computed using linear interpolation, and [1996-2000], extrapolated using rate of changes of Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2006], from Arbetman and Johnson (2008b). [2007-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [2002-2011], from World Bank (2013). [1960-2001], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(914)(112)(339)(8) Albania**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1986-2005], from International Monetary Fund (2012), except for [1992], which is a linear interpolation. [2006-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1980-1985], extrapolated back using rate of changes of International Labour Organization (2012a).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1995-1998] & [2002-2010], from International Monetary Fund (2011). [2011], from International Monetary Fund (2013). [1999-2001], from Arbetman and Johnson (2008a, b). [1980-1994], crude estimates-best guesses.

Education: [1976-2010], from UNESCO (2012b), except for [1977], [1992-1993], [1997-1998], [2002], [2005-2007], which are computed using linear interpolation. [2011], extrapolated using average of previous three years. [1960-1975], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2006], from Arbetman and Johnson (2008b). [2007-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1980-2011], from World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1968], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012). [2013], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(612)(122)(615)(12) Algeria**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1988], from Arbetman and Johnson (2008b). [1989-2005], from International Monetary Fund (2012). [2006-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1998-2001] & [2006-2008], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970] & [1996-2000], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using the average of last three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(859)(124)(1001)(16) American Samoa**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1974-1979], from International Labour Organization (2012a). [1980-1986] & [1990] & [2000], from World Bank (2012). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: All years missing.

Education: All years missing.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2013).

Bureaucracy: All years missing.

GDP per Capita: All years missing.

GDP per Capita, PPP: All years missing.

### **(614)(126)(540)(24) Angola**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1974-1977] & [1979] & [2003-2005], which are computed using linear interpolation, and [1993-1997], which are extrapolated using rate of changes of Arbetman and Johnson (2008b). [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1985-2010], from World Bank (2013). [1960-1985], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(312)(128)(1002)(660) Anguilla**

Economically Active Population: All years missing.

Unemployment: [1999] & [2001-2002] from International Labour Organization (2012a). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: All years missing.

Education: [1993-2008], from UNESCO (2012b), except for [1994-1999], which are computed using linear interpolation. [2009-2011], extrapolated using average of previous three years.

Urban Population: All years missing.

Population: All years missing.

Bureaucracy: All years missing.

GDP per Capita: [2006-2011], from United Nations (2013a) (where number refers to current GDP per capita).

GDP per Capita, PPP: All years missing.

### **(311)(132)(58)(28) Antigua and Barbuda**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1973-1976] from International Labour Organization (2012a). [1991] & [2001], from World Bank (2012). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: [2002-2006], from Arbetman and Johnson (2008a). [2007-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1979-1991] & [1993-1999] & [2001-2006], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2012). [2011], extrapolated using World Bank (2013).

Bureaucracy: All years missing.

GDP per Capita: [1977-2011], from World Bank (2013). (1970-1976), extrapolated back using rate of changes of Heston et al (2011).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(213)(134)(160)(32) Argentina**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1983], from Arbetman and Johnson (2008b). [1984-2008], extrapolated using rate of changes of International Monetary Fund (2012). [2009-2011], extrapolated using rate of changes of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], extrapolated using three year moving average.

Education: [1970-2009], from UNESCO (2012b), except for [1990] & [1992-1993] & [1995], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2006], from World Bank (2013). [2007-2010], extrapolated using rate of changes of World Bank (2012). [2011], extrapolated using rate of changes of Heston et al (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using rate of changes of Heston et al (2013).

### **(911)(135)(371)(51) Armenia**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1992-2006] from International Labour Organization (2012a). [2007-2008], from World Bank (2012). [2008-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [2003-2010], from International Monetary Fund (2011). [2011], from International Monetary Fund (2013d). [1991-2002], crude estimates-best guesses. [1991-1993], crude estimates-best guesses.

Education: [1994-2010], from UNESCO (2012b), except for [1995] & [1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2004-2006], from International Monetary Fund (2012). [2007-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991-2003], crude estimates-best guesses.

GDP per Capita: [1990-2011], from World Bank (2013).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1990-1992] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using rate of changes of World Bank (2013).

### **(314)(136)(1003)(533) Aruba**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1991] & [1994] & [1997] & [2000-2001], from World Bank (2012). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011] crude estimates - best guesses. estimate.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1999-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1994-2009], from World Bank (2013). [2010-2011], crude estimates – best guesses [1987-1993], extrapolated back using rate of changes of World Bank (2012).

GDP per Capita, PPP: All years missing.

### **(193)(137)(900)(36) Australia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1983-2007], from International Monetary Fund (2012). [2008-2011], extrapolated using rate-of-change of International Monetary Fund (2013).[1960-1982], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], extrapolated using three year moving average.

Education: [1970-2010], from UNESCO (2012b), except for [1971-1992], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using the rate of change International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(122)(138)(305)(40) Austria**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1986-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1985], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years. [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a, b). [1970-1971], linear interpolation.

Education [1971-2010], from UNESCO (2012b), except for [1972-1975] & [1977-1980], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2012). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(912)(142)(373)(31) Azerbaijan**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1993-2003] from International Monetary Fund (2012). [2004-2009], from World Bank (2012). [2010], from Central Intelligence Agency (2010). [2011] extrapolated using International Monetary Fund (2013). [1991-1992], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1996-1999] & [2008-2010], from International Monetary Fund (2011). [2011], from International Monetary Fund (2013). [2000-2007], linear interpolation. [1991-1995], crude estimates-best guesses.

Education: [1980-2010], from UNESCO (2012b), except for [1982-1985] & [1987-1988] & [2007], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2008], from International Monetary Fund (2011)<sup>b</sup>. [2009-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991-2007], crude estimates-best guesses.

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1990-1992] & [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(313)(144)(31)(44) Bahamas**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1985] & [1987] & [1990] & [2000], from Arbetman and Johnson (2008b). [1986] & [1988-1989] & [1991-1999] & [2001-2009], from World Bank (2012). [2010], from Central Intelligence Agency (2010). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education [1971-2010], from UNESCO (2012b), except for [1977-1979] & [1988-1989] & [1996] & [1998] & [2003], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). (1960-1969), extrapolated back using rate of changes of World Bank (2012).

### **(419)(146)(692)(48) Bahrain**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008], linear interpolation. [2009], from International Monetary Fund (2012). [2010], extrapolated using the average of last three years. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1975] & [2005-2007], from Arbetman and Johnson (2008a, b). [2008-2011], extrapolated using 3 year moving average. [1976-2004], from International Monetary Fund (2011).

Education: [1971-2005], from UNESCO (2012b). [2006- 2011], extrapolated using average of previous three years. [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1980-2010], from World Bank (2013). [2011], extrapolated using the rate of change of Heston et al (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of Heston et al (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(513)(156)(771)(50) Bangladesh**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008] & [2010], from Central Intelligence Agency (2008, 2010). [2009], from World Bank (2012). [2011], from Central Intelligence Agency (2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1974-2007], from Arbetman and Johnson (2008a, b). [1960-1973] & [2008-2011], crude estimates-best guesses.

Education: [1973-2010], from UNESCO (2012b), except for [1978] & [1982] & [1991-1997], which are computed using linear interpolation, and [1974-1975], which are extrapolated using rate of changes of Arbetman and Johnson (2008b). [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1972], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

### **(316)(158)(53)(52) Barbados**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using International Monetary Fund (2013). [1976-1984], extrapolated back using rate of changes of International Labour Organization (2012a). [1960-1975], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b), except for [2004], which is from International Monetary Fund (2011). [2008-2011], extrapolated using three year moving averages.

Education: [1971-2010], from UNESCO (2012b), except for [1986-1988] & [1991-1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008], from International Monetary Fund (2011)<sup>b</sup>. [2009-2011], extrapolated using three year moving average.

GDP per Capita: [1960-2009], from World Bank (2012). [2010-2011], extrapolated using rate of changes of Heston et al (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(913)(174)(370)(112) Belarus**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [2011], from International Monetary Fund (2013). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [1991-2006], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1994-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1992-1993], extrapolated using rate of changes of Arbetman and Johnson (2008a, b). [1991], crude estimate-best guess.

Education: [1971-2007], from UNESCO (2012b), [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1993-2003], from International Monetary Fund (2011)<sup>b</sup>. [2004-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991-1992], crude estimates-best guesses.

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1994-2009], from Heston et al (2011). [1990-1993] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(124)(176)(211)(56) Belgium**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011] extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years. [1960-1971], extrapolated back using rate of changes of Arbetman and Johnson (2008a, b).

Education [1971-2009], from UNESCO (2012b), except for [1997-1998], which is extrapolated using rate of changes of Arbetman and Johnson (2008b). [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(339)(181)(80)(84) Belize**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1993-2006], from International Monetary Fund (2012). [2007-2011], extrapolated using rate-of-change of Central Intelligence Agency (2007-2010). [1960-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1990-2007], from Arbetman and Johnson (2008a, b). [2008-2011], extrapolated using three year moving averages. [1990-1989], crude estimates-best guesses.

Education [1980-2003], from UNESCO (2012b), except for [1983-1985] & [1988-1990] & [1992-1993] & [1996-1998], which are computed using linear interpolation. [2004-2011], extrapolated using average of previous three years. [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(638)(182)(434)(204) Benin**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2005], from UNESCO (2012b), except for [1988-1998], which is computed using linear interpolation. [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970] & [2006-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008], crude estimate-best guess. [2009-2010], from International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(319)(184)(1006)(60) Bermuda**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1991] & [2000] from International Labour Organization (2012a). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: All years missing.

Social Security: All years missing.

Education: [1971-2010], from UNESCO (2012b), except for [1981-2000] & [2007-2009], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], crude estimates-best guesses.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2012). [2011], extrapolated using World Bank (2013).

Bureaucracy: All years missing.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [1960-1969] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>d</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(514)(186)(760)(64) Bhutan**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1998-2009], from World Bank (2012), except for [2000] & [2002] & [2008], which are computed using linear interpolation. [2010], from Central Intelligence Agency (2010). [2011], extrapolated using rate-of-change of World Bank (2013). [1990-1997], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1980-2005], from Arbetman and Johnson (2008a, b). [2006-2009], extrapolated using rate of changes of International Monetary Fund (2011). [2010-2011], crude estimate-best guess.

Education: [1970-2010], from UNESCO (2012b), except for [1973] & [1978-1981] & [1986-1997] & [2002-2004] & [2007], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], crude estimates-best guesses.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1990-2004], from International Monetary Fund (2011). [2005-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1980-2011], from World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

### **(218)(193)(145)(68) Bolivia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008], extrapolated using the rate of change of International Labour Organization (2012a). [2009], extrapolated using the rate of change of International Monetary Fund (2012). [2010], extrapolated using the rate of change of Central Intelligence Agency (2010). [2011] extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1983], from Arbetman and Johnson (2008a, b). [1984-2007], from International Monetary Fund (2011). [2008-2011], crude estimates-best guesses.

Education: [1970-2009], from UNESCO (2012b), except for [1974] & [1976-1997] & [2004-2005], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using average of previous three years. [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(963)(196)(346)(70) Bosnia & Herzegovina**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1991] & [2006-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of World Bank (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [2003-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [2007-2009], from UNESCO (2012b). [2010-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2005-2009], from International Monetary Fund (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1994-2011], from World Bank (2013). [1969-1993], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(616)(199)(571)(72) Botswana**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate-of-change of Central Intelligence Agency (2007-2010).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-2009], from UNESCO (2012b), except for [1982] & [1996-1997], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(223)(213)(140)(76) Brazil**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1983] & [1991], from Arbetman and Johnson (2008b). [1984-1990] & [1992-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2004], from Arbetman and Johnson (2008a, b). [2005-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Education: [1970-2005], from UNESCO (2012b), except for [1986-1998], which is computed using linear interpolation. [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969] & [2006-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2006], from Arbetman and Johnson (2008b). [2007-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(516)(218)(835)(96) Brunei Darussalam**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [2003-2007], from International Monetary Fund (2012). [2008-2011] extrapolated using rate-of-change of Central Intelligence Agency (2008-2011). [1980-2002], extrapolated back using rate of changes of Arbetman and Johnson (2008b). [1975-1979], extrapolated back using rate of changes of International Labour Organization (2012a).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1980-2011], crude estimates-best guesses.

Education: [1970-2010], from UNESCO (2012b), except for [1987-1990] & [1995-1997], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1974-2011], from World Bank (2013). [1969-1973], extrapolated back using the average of last three years.

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

### **(918)(223)(355)(100) Bulgaria**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-1992], from International Monetary Fund (2012). [1993-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1990-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1987-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a, b).

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2003], from Arbetman and Johnson (2008b). [2004-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1991-2011], from World Bank (2013).

GDP per Capita, PPP: [1991-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(748)(228)(439)(854) Burkina Faso**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of World Bank (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education [1971-2010], from UNESCO (2012b), except for [1995-1998], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of World Bank (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate of changes of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(618)(233)(516)(108) Burundi**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1994-2000] & [2002], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

## **(522)(238)(811)(116) Cambodia**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1998], from World Bank (2012). [2000-2001], from International Labour Organization (2012a). [1999] & [2002-2003] & [2005-2007], linear interpolation. [2004], crude estimate – best guess. [2008-2011] extrapolated using rate-of-change interpolation from Central Intelligence Agency World Factbook (2008-2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [2001-2007], from Arbetman and Johnson (2008a, b). [1998-2000] & [2008-2011], crude estimates-best guesses.

Education: [1970-2010], from UNESCO (2012b), except for [1973-1990] & [1992-1997], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2002-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010], from International Monetary Fund (2011)<sup>c</sup>. [1998-2001] & [2011], crude estimates-best guesses.

GDP per Capita: [1993-2010], from World Bank (2013). [1970-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(622)(243)(471)(120) Cameroon**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1993] & [1996] & [2002] & [2007], which are computed using linear interpolation. [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(156)(248)(20)(124) Canada**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1973-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years. [1960-1972], extrapolated back using rate of changes of Arbetman and Johnson (2008a, b).

Education: [1971-2008], from UNESCO (2012b), except for [1997] & [2001] & [2003-2004], which are computed using linear interpolation. [2009-2010], crude estimate-best guess. [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(624)(253)(402)(132) Cape Verde**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [2005-2009], from International Monetary Fund (2011). [1960-2004] & [2010-2011], crude estimates-best guesses.

Education: [1980-2010], from UNESCO (2012b), except for [1983] & [1985-1986] & [1995-2000], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1980-2010], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(377)(258)(1008)(136) Cayman Islands**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1991-2008], from Arbetman and Johnson (2008b), except for [1992] & [1999-2000], which are computed using linear interpolation. [2009-2010], from Central Intelligence Agency (2009, 2010). [2011], crude estimate-best guess.

Young Population: All years are missing.

Social Security: All years are missing.

Education: [1970-2010], available years from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2012). [2011], extrapolated using World Bank (2013).

Bureaucracy: All years are missing.

GDP per Capita: All years are missing.

GDP per Capita, PPP: All years are missing.

**(626)(268)(482)(140) Central African Republic**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2004], from Arbetman and Johnson (2008a, b). [2005-2007], linear interpolation. [2008-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b), except for [1984] & [1993-2000] & [2003-2008], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2009-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2008] & [2011], crude estimate-best guess.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(628)(273)(483)(148) Chad**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2004], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1973] & [1986] & [1988] & [1991-1993], which are computed using linear interpolation, and [1978-1984], which is extrapolated using rate of changes of Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(228)(273)(155)(152) Chile**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1984], from Arbetman and Johnson (2008b). [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1970-2009], from UNESCO (2012b), except for [1987] & [1994-1997] & [2001], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011],

extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(532)(283)(1010)(344) China, P.R.: Hong Kong**

Economically Active Population: [1990-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1986-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1978-1985], extrapolated back using rate of changes of International Labour Organization (2012a), except for [1979], which is computed using linear interpolation.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [2002-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years. [1960-1980], from Arbetman and Johnson (2008a, b). [1981-2001], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1989-1995] & [1997-2000], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2002-2009], from International Monetary Fund (2011). [2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1965-2011], from United Nations (2013).

GDP per Capita, PPP: [1960-2011], from Heston et al (2013).

### **(546)(288)(1011)(446) China, P.R.: Macao**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1990-2010], from International Monetary Fund (2012). [1989], extrapolated back using rate of changes of International Labour Organization (2012a). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [2007-2010], from International Monetary Fund (2011). [1996-2006], extrapolated back using rate of changes of Arbetman and Johnson (2008a, b). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Education: [1971-2010], from UNESCO (2012b), except for [1980-1989] & [1991] & [1994-1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1999-2002], from International Monetary Fund (2011). [2003-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1996-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>.

GDP per Capita: [1982-2011], from World Bank (2013). [1969-1981], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(924)(293)(710)(156) China, P.R.: Mainland**

Economically Active Population: [1990-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1975-1984], extrapolated back using rate of changes of International Labour Organization (2012a). [1960-1974], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [2005-2009], from International Monetary Fund (2011). [1960-2004] & [2010-2011], crude estimates-best guesses.

Education: [1970-2010], from UNESCO (2012b), except for [1998] & [2004-2005], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(233)(298)(100)(170) Colombia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1979], from Arbetman and Johnson (2008b). [1980-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1970-2009], from UNESCO (2012b), except for [1990] & [1997] & [2001] & [2003], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(632)(299)(581)(174) Comoros**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2004], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2005], from UNESCO (2012b), except for [1972] & [1975-1980] & [1982-1985] & [1988-1991] & [1993] & [1995-1998] & [2001], which are computed using linear interpolation. [2005], crude estimates-best guesses. [2006-2011], extrapolated using average of previous three years. [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(636)(311)(490)(180) Congo, Dem. Rep. Of**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1989-1991] & [1996-1998] & [2000-2001] & [2003-2006], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(634)(312)(484)(178) Congo, Republic Of**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2004], from UNESCO (2012b), except for [1993] & [1995] & [1997-1999] & [2001], which are computed using linear interpolation. [2005-2007], extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2011], extrapolated using average of previous three years. [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(238)(313)(94)(188) Costa Rica**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2009], from International Monetary Fund (2012). [2010], extrapolated using the rate of change of Central Intelligence Agency (2010). [2011], extrapolated using rate-of-change of World Bank (2013). [1960-1984], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1970-2009], from UNESCO (2012b), except for [1990] & [1997] & [2001] & [2003], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2003], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(662)(314)(437)(384) Cote D Ivoire**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1993], from Arbetman and Johnson (2008a, b). [1994-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2002], from UNESCO (2012b), except for [1982] & [1986] & [1988-1998], which are computed using linear interpolation. [2003-2007], extrapolated using rate of changes

of Arbetman and Johnson (2008b). [2008-2011], extrapolated using average of previous three years. [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(960)(316)(344)(191) Croatia**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1991-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1980-1990], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1991-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Education: [1993-2010], from UNESCO (2012b), except for [2004], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1980-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2007], from Arbetman and Johnson (2008b). [2008-2009], extrapolated using rate of changes of International Monetary Fund (2012). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1995-2011], from World Bank (2013). [1990-1994], extrapolated back using rate of changes of World Bank (2012). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(928)(319)(40)(192) Cuba**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1995-2007], from International Labour Organization (2012a). [2008-2011], extrapolated using rate-of-change of Central Intelligence Agency (2007-2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1971-2010], from UNESCO (2012b), except for [1998], which is computed using linear interpolation. [1980-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(423)(321)(352)(196) Cyprus**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1999-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1975-1998], extrapolated using rate of changes of International Labour Organization (2012a). [1960-1974], extrapolated back using Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years. [1960-1971], from Arbetman and Johnson (2008a, b).

Education: [1993-2010], from UNESCO (2012b), except for [1998], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1975-2009], from World Bank (2013). [2010-2011], extrapolated using rate if changes of Heston et al (2013). [1960-1974], extrapolated back using rate of changes of Organski et al (1984).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(935)(323)(316)(203) Czech Republic**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1991-2010], from World Bank (2012), except for [1992], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1993-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991-1992], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1981], which is computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2000-2008], from International Monetary Fund (2012). [2009-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1993-1999], extrapolated using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991-1992], crude estimates-best guesses.

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [2011], extrapolated using the rate of change of World Bank (2013).

**(128)(328)(390)(208) Denmark**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1984], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2009], from UNESCO (2012b), except for [1972-1977] & [1997], which are extrapolated using rate of changes of Arbetman and Johnson (2008b). [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(611)(329)(522)(262) Djibouti**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1977-1978] & [1998], which are extrapolated using rate of changes of Arbetman and Johnson (2008b). [2010], crude estimate-best guess. [2011], extrapolated using average of previous three years. [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1990-2011], from World Bank (2013). [1970-1989], extrapolated using rate of changes of Heston et al (2011). [1960-1969], linear extrapolation.

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], linear extrapolation.

### **(321)(333)(54)(212) Dominica**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1989] & [1991] & [1997] & [1999] & [2001], from World Bank (2012). [2007,2009,&2010], from Central Intelligence Agency (2007,2009,&2010).

Young Population: All years missing.

Social Security: All years missing.

Education: [1973-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2012). [2011], extrapolated using World Bank (2013).

Bureaucracy: All years missing.

GDP per Capita: [1977-2011], from World Bank (2013). [1969-1976], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], linear extrapolation. [1960-1969], extrapolated back using rate of changes of Organski et al (1984).

### **(243)(336)(42)(214) Dominican Republic**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1991-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1990], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using the average of last three years.

Education: [1971-2010], from UNESCO (2012b), except for [1983] & [1985] & [1987-1993] & [2001], which are computed using linear interpolation, and [1995-1997], which is extrapolated using rate of changes of Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-

change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2010-2011], crude estimate-best guess.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], linear extrapolation.

#### **(248)(339)(130)(218) Ecuador**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1987-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1986], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2008], from UNESCO (2012b), except for [1989] & [1994-1995] & [199], which are computed using linear interpolation. [2008-2009], crude estimates-best guesses. [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], linear extrapolation.

### **(469)(343)(651)(818) Egypt**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-2009], from World Bank (2012), except for [1985-1988], which are from Arbetman and Johnson (2008b). [2010], from Central Intelligence Agency (2010). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1979], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], extrapolated using three year moving average.

Education: [1971-2010], from UNESCO (2012b), except for [1998] & [2005-2008], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], linear extrapolation.

### **(253)(349)(92)(222) El Salvador**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2009], from International Monetary Fund (2012), except for [1987], which is computed using linear interpolation. [2010], from Central Intelligence Agency (2010). [2011], extrapolated using rate-of-change of World Bank (2013). [1964-1986], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1997], from Arbetman and Johnson (2008a, b). [1998-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1970-2010], from UNESCO (2012b), except for [1985-1987] & [1990], which are computed using linear interpolation, and [1981-1982] & [1994-1997], which are extrapolated using rate of changes of Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(642)(351)(411)(226) Equatorial Guinea**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2002], from UNESCO (2012b), except for [1972-1975] & [1977-1979] & [1981-1982] & [1984-1992] & [1995-1998], which are computed using linear interpolation. [2008-2011], extrapolated using average of previous three years. [1960-1970] & [2003-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2009-2011], extrapolated using three year moving average.

GDP per Capita: [1985-2011], from World Bank (2013). [1960-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(643)(353)(531)(232) Eritrea**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1976-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1993-2010], from UNESCO (2012b), except for [1998], which is computed using linear interpolation. [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of UNESCO (2013). [1980-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1992-2011], from World Bank (2013). [1969-1991], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1968], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1992-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1991], extrapolated back using rate of changes of Maddison (2008).

### **(939)(356)(366)(233) Estonia**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1989-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1980-1988], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1991-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1986-2009], from UNESCO (2012b), except for [1987-1988] & [1997], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1980-1985], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1995-2011], from World Bank (2013). [1980-1994], extrapolated back using rate of changes of World Bank (2012). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [1980-1989] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(644)(361)(530)(231) Ethiopia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2009], from World Bank (2012). [2008], linear interpolation. [2010-2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1985] & [1990] & [1997-1998], which are computed using linear interpolation, and [1975-1983], which is extrapolated using rate of changes of Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1981-2011], from World Bank (2013). [2011], extrapolated using the rate of change of World Bank (2013). [1960-1980], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(816)(362)(1012)(234) Faeore Islands**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [2005], from World Bank (2012). [2007-2011], from Central Intelligence Agency (2007-2011).

Young Population: All years missing.

Social Security: All years missing.

Education: All years missing.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2012). [2011], extrapolated using World Bank (2013).

Bureaucracy: All years missing.

GDP per Capita: [2000], from World Bank (2012).

GDP per Capita, PPP: All years missing.

### **(819)(364)(950)(242) Fiji**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b), except for [1985-2003], which is from International Monetary Fund (2012), and [1996], which is computed using linear interpolation. [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], extrapolated using rate-of-change of World Bank (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-2002], from UNESCO (2012b), except for [1982] & [1993-1997] & [2005], which are computed using linear interpolation, and [1988-1990], which is extrapolated using Arbetman and Johnson (2008b). [2010], linear extrapolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(172)(366)(375)(246) Finland**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1984], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(132)(369)(220)(250) France**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1984], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b). [2011], from UNESCO (20113). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2006], from Arbetman and Johnson (2008b). [2007], extrapolated using the rate of change of International Monetary Fund (2012). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(887)(377)(1014)(258) French Polynesia**

Economically Active Population: [1990-2011], from International Labor Organization (2011).

Unemployment: [2002] & [2007], from World Bank (2012). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years are missing.

Education: All years are missing.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years are missing.

GDP per Capita: [1965-1997], from World Bank (2013). [1998- 2000], extrapolated using rate of changes of World Bank (2012).

GDP per Capita, PPP: All years are missing.

**(646)(419)(481)(266) Gabon**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2002], from UNESCO (2012b), except for [1990-1993] & [1997-1998], which are computed using linear interpolation. [1960-1970] & [2003-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008b). [2008-2011], extrapolated using average of previous three years.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(648)(423)(420)(270) Gambia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011] crude estimates - best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1997-2007], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970] extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1966-2011], from World Bank (2013). [1960-1965], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

### **(915)(429)(372)(268) Georgia**

Economically Active Population: [1990-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1997-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1997-2007], from International Monetary Fund (2011). [2008-2011], extrapolated using three year moving average.

Education: [1978-2009], from UNESCO (2012b), except for [1982-1985] & [1987-1990] & [1998], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2003], from International Monetary Fund (2012). [2004-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1997-2002], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>c</sup>.

GDP per Capita: [1965-2011], from World Bank (2013).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1980-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the

rate of change of World Bank (2013). [1965-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(134)(433)(255)(276) Germany**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1991-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1990], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1991-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1990], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(652)(436)(452)(288) Ghana**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1972] & [1991-1994] & [1996-1998], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(174)(443)(350)(300) Greece**

Economically Active Population: [1990-2011], from International Labour Organization (2011). [1960-1989], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Unemployment: [1980-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1980], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2007], from UNESCO (2012b). [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], extrapolated using rate of changes of International Monetary Fund (2012). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(326)(446)(1016)(304) Greenland**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1996-2006], from, World Bank (2012). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: All years missing.

Education: All years missing.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2013).

Bureaucracy: All years missing.

GDP per Capita: [1970-2009], from World Bank (2013).

GDP per Capita, PPP: All years missing.

### **(328)(449)(55)(308) Grenada**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1994] & [1996] & [1998] & [2001], from, World Bank (2012). [2007-2010], from Central Intelligence Agency (2007, 2009, 2010), except for [2008], which is computed using linear interpolation. [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1971-2005] & [2007-2010], available years from UNESCO (2012b). [2011], extrapolated using average of previous three years. [2006], interpolated using average of previous and following years.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1977-2011], from World Bank (2013). [1969-1976], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(829)(456)(1018)(316) Guam**

Economically Active Population: [1990-2011], International Labor Organization (2011).

Unemployment: [1974-2002], from International Labour Organization (2012a), except for [1994-1996], which is computed using linear interpolation. [2007-2009], from Central Intelligence Agency (2007, 2008, 2009). [2003-2006] & [2010-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: All years missing.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: All years missing.

GDP per Capita, PPP: [1970-2009], from Heston et al (2011).

**(258)(459)(90)(320) Guatemala**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2006], from Arbetman and Johnson (2008b). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011] crude estimates - best guesses..

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1990-2010], from International Monetary Fund (2011). [1960-1989], from Arbetman and Johnson (2008a, b). [2011], extrapolated using average of previous three years.

Education: [1970-2010], from UNESCO (2012b), except for [1987-1990] & [1992] & [2009], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010-2011], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>.

### **(656)(463)(438)(324) Guinea**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1972-1976] & [1988] & [1992] & [1995] & [1997-1998] & [2000], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1986-2011], from World Bank (2013). [1960-1985], extrapolated using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010-2011], extrapolated using the rate of change of World Bank (2013).

#### **(654)(469)(404)(624) Guinea-Bissau**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2006], from UNESCO (2012b), except for [1973-1975] & [1986] & [1990-1999] & [2001-2004], which are computed using linear interpolation. [2008-2010], crude estimates-best guesses. [2011], extrapolated using average of previous three years. [1960-1970] & [2007], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(336)(174)(110)(328) Guyana**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008], linear interpolation. [2009-2010], from Central Intelligence Agency (2009-2010). [2011], extrapolated using rate-of-change of World Bank (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2008], from UNESCO (2012b), except for [1975] & [1988-1998] & [2000] & [2002] & [2006], which are computed using linear interpolation. [2009-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(263)(512)(41)(332) Haiti**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1979-1986], from UNESCO (2012b), except for [1985], which is computed using linear interpolation. [2008-2010], extrapolated using three year moving average. [2011], extrapolated using average of previous three years. [1960-1978] & [1987-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1991-2011], from World Bank (2013). [1960-1990], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(268)(513)(91)(340) Honduras**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2000], from Arbetman and Johnson (2008b), except for [1990-1992] & [1995-1999], which are from World Bank (2012). [2001-2007], from World Bank (2012). [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of World Bank (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1970-2010], from UNESCO (2012b), except for [1973] & [1981] & [1987-1990] & [1992] & [1994-2006] & [2009], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2011). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(944)(514)(310)(348) Hungary**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1992-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1980-1991], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1981-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1980], crude estimate-best guess.

Education: [1971-2009], from UNESCO (2012b), except for [1993], which is computed using linear interpolation. [2010-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2011). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1991-2011], from World Bank (2013).

GDP per Capita, PPP: [1991-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(176)(516)(395)(352) Iceland**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [1969-1984], from International Labour Organization (2012a). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1968], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2009], from UNESCO (2012b), except for [1973-1974] & [1997], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2006], from Arbetman and Johnson (2008b). [2008], crude estimate-best guess. [2009-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(534)(518)(750)(356) India**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], extrapolated using rate-of-change of Central Intelligence Agency (2007-2010).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1989], from Arbetman and Johnson (2008a, b). [1990-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b), except for [1974] & [1979] & [1985] & [1990-1992] & [1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2003], from Arbetman and Johnson (2008b). [2004-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(536)(522)(850)(360) Indonesia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1995], from Arbetman and Johnson (2008b), except for [1982] & [1985-1986] & [1988-1989] & [1992], which are from World Bank (2012). [1996-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of World Bank (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007] from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates & best guesses.

Education: [1970-2010], from UNESCO (2012b), except for [1979-1980] & [1985] & [1998-1999], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(429)(524)(630)(364) Iran**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2003], from Arbetman and Johnson (2008b), except for [1986] & [1991] & [1996] & [2002], which are from World Bank (2012). [2004], from World Bank (2012). [2005-2008], from International Labour Organization (2012a). [2009-2010], extrapolated using rate of changes of Central Intelligence Agency (2009, 2010). [2011], extrapolated using rate-of-change of World Bank (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], extrapolated using three year moving average.

Education: [1971-2008], from UNESCO (2012b), except for [1978-1984] & [1986-1987] & [1989] & [1996] & [1998], which are computed using linear interpolation. [2010-2011],

extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1965-2009], from World Bank (2012). [2010-2011], extrapolated using the rate of changes of Heston et al (2013). [1960-1964], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(433)(528)(645)(368) Iraq**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2002], from Arbetman and Johnson (2008b). [2003-2008], from International Labour Organization (2012a), except for [2007], which is computed using linear interpolation. [2009-2010], extrapolated using rate of changes of Central Intelligence Agency (2009, 2010). [2011], extrapolated using rate-of-change of World Bank (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2007], from UNESCO (2012b), except for [1990-1992] & [1994-1995] & [1997-1998] & [2005-2006], which are computed using linear interpolation. [2008-2011], crude estimates-best guesses. [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1997-2011], from World Bank (2013). [1960-1996], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(178)(532)(205)(372) Ireland**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1983-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1982], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011), except for [1998], which is computed using linear interpolation. [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [2000-2010], from World Bank (2013). [1970-1999], extrapolated back using rate of changes of World Bank (2012). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(436)(534)(666)(376) Israel**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1969-1979], from International Labour Organization (2012a). [1960-1968], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1973-2009], from UNESCO (2012b), except for [1997-1998], which is computed using linear interpolation. [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1972], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2006], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(136)(536)(325)(380) Italy**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [1976-1984], from International Labour Organization (2012a). [1960-1975], from Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1973-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years. [1960-1972], extrapolated back using rate of changes of Arbetman and Johnson (2008a, b).

Education: [1971-2009], from UNESCO (2012b). [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2011). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(343)(537)(51)(388) Jamaica**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1969-1984], from International Labour Organization (2012a), except for [1970-1971], which is computed using linear interpolation. [1960-1968], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1972-2010], from UNESCO (2012b), except for [1990] & [1992] & [1994-1998] & [2006], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1971], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2006], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [2005], from World Bank (2013). [1966-2004] & [2006-2010], extrapolated using rate of changes of World Bank (2012). [2011], extrapolated using rate of changes of

Heston et al (2013). [1960-1965], extrapolated back using rate of changes of Arbetman and Kugler (1997).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using rate of changes of Heston et al (2013).

### **(158)(542)(740)(392) Japan**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1979], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b), except for [1997], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1970-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(439)(544)(663)(400) Jordan**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2006], from Arbetman and Johnson (2008b), except for [1983] & [1986-1987] & [1993] & [1995-1996] & [2001-2004], which are from World Bank (2012). [2007-2009], from World Bank (2012). [2010], from Central Intelligence Agency (2010). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007] from Arbetman and Johnson (2008a, b). [2008-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using the average of last three years.

Education: [1971-2010], from UNESCO (2012b), except for [1995] & [1997-1998] & [2001] & [2009], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1975-2011], from World Bank (2013). [1960-1974], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(916)(546)(705)(398) Kazakhstan**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1994-2010], from International Monetary Fund (2012). [1980-1993], from Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1997-1999], from International Monetary Fund (2011). [1991-1996] & [2000-2011], crude estimates-best guesses.

Education: [1981-2010], from UNESCO (2012b), except for [1982-1985] & [1987-1988] & [1995-1996], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1980], extrapolated back using the rate of change of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2003], from Arbetman and Johnson (2008b). [2004-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1990-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(664)(548)(501)(404) Kenya**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-2009], from UNESCO (2012b), except for [2001], which is computed using linear interpolation, and [1989-1998], which is extrapolated using rate of changes of Arbetman and Johnson (2008b). [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(826)(556)(946)(296) Kiribati**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1977-1979], from International Labour Organization (2012a). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: All years missing.

Education: [1970-2008], available years from UNESCO (2012b). [2009-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2012). [2011], extrapolated using World Bank (2013).

Bureaucracy: All years missing.

GDP per Capita: [1970-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(542)(558)(732)(410) Korea, Republic Of**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1979], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007] from Arbetman and Johnson (2008a, b). [2008-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1970-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(443)(564)(690)(414) Kuwait**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b), except for [1993-2005], which is from World Bank (2012). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], from International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], extrapolated using 3 year moving average.

Education: [1971-2008], from UNESCO (2012b), except for [1991], which is computed using linear interpolation. [2009-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate of changes of International Monetary Fund (2013).

GDP per Capita: [1995-2011], from World Bank (2013). [1960-1994], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1985], extrapolated back using rate of changes of Maddison (2008).

### **(917)(565)(703)(417) Kyrgyz Republic**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [2000-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1993-1999], extrapolated back using rate of changes of International Monetary Fund (2012). [1991-1992], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1991-2011], crude estimates-best guesses.

Education: [1981-2010], from UNESCO (2012b), except for [1982-1985] & [1987-1988] & [1997-1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1996-2009], from International Monetary Fund (2011)<sup>b</sup>, except for [2002-2005], which is computed using linear interpolation. [1995] & [2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [1991-1994] & [2011], crude estimates-best guesses.

GDP per Capita: [1986-2011], from World Bank (2013). [1970-1985], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1986-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1970-1985], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(544)(566)(812)(418) Lao People's Dem. Rep.**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1995] & [2005], from Arbetman and Johnson (2008b). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1971-2010], from UNESCO (2012b), except for [1974-1976] & [1987] & [1989] & [1991] & [2009], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2006-2009], from International Monetary Fund (2011)<sup>b</sup>. [2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1984-2011], from World Bank (2013). [1970-1983], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(941)(568)(367)(428) Latvia**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1996-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1992-1995], extrapolated back using rate of changes of International Monetary Fund (2012). [1991], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1994-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991-1993], crude estimates-best guesses.

Education: [1981-2010], from UNESCO (2012b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2002], from International Monetary Fund (2012). [2003-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1994-1995], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [1996-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>, except for [2001], which is a linear interpolation of International Monetary Fund (2011)<sup>b</sup> complete data. [1991-1993], crude estimates-best guesses.

GDP per Capita: [1965-2011], from World Bank (2013).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1980-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the

rate of change of World Bank (2013). [1965-1980], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(446)(576)(660)(422) Lebanon**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of Central Intelligence Agency (2008, 2009, 2010). [2011], extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1999], from Arbetman and Johnson (2008a, b). [2000-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using the average of last three years.

Education: [1971-2010], from UNESCO (2012b), except for [1972] & [1974-1977] & [1979] & [1986-1991] & [1993] & [2000-2005], which are computed using linear interpolation, and [1983-1984], which is extrapolated using rate of changes of Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1988-2011], from World Bank (2013). [1960-1987], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

**(666)(578)(570)(426) Lesotho**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008], from World Bank (2012). [2009-2010], extrapolated using rate of changes of Central Intelligence Agency (2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-2010], from UNESCO (2012b), except for [1974], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008], from International Monetary Fund (2011). [2009-2010], extrapolated using three year moving average.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(668)(579)(450)(430) Liberia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2006], from Arbetman and Johnson (2008b), where Arbetman and Johnson (2008b) values are adjusted by division by 10 to match World Bank (2012) values for the available years. [2007-2010], from World Bank (2012), except for [2008-2009], which is computed using linear interpolation. [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-2000], from UNESCO (2012b), except for [1973-1974], which is extrapolated using rate of changes of Arbetman and Johnson (2008b), and [1977] & [1981-1998], which are computed using linear interpolation. [1960-1969] & [2001-2007], extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(672)(582)(620)(434) Libya**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated back using rate of changes of Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2006], from UNESCO (2012b), except for [1982] & [1984-1985] & [1987-2001] & [2004], which are computed using linear interpolation. [1960-1970] & [2007], extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2010], extrapolated using three year moving average. [2011], extrapolated using average of previous three years.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1999-2009], from World Bank (2013). [2010], extrapolated using the average of last three years. [2011], crude estimate based on IMF World Economic Outlook information. [1960-1998], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], crude estimate based on IMF World Economic Outlook information. [1960-1985], extrapolated back using rate of changes of Maddison (2008).

#### **(946)(608)(368)(440) Lithuania**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1994-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).[1991-1993], extrapolated back using rate of changes of International Monetary Fund (2012).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1991-2010], from International Monetary Fund (2011), except for [1992], which is computed using linear interpolation. [2011], extrapolated using average of previous three years.

Education: [1986-2010], from UNESCO (2012b), except for [1987-1988], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2000-2009], from International Monetary Fund (2012). [2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1993-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991-1992], crude estimates-best guesses.

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1990-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(137)(611)(212)(442) Luxembourg**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1983-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).[1960-1982], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007] from Arbetman and Johnson (2008a, b). [2008-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2008], from UNESCO (2012b), except for [1985] & [1989-1991], which are computed using linear interpolation. [2009], crude estimate-best guess. [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2011). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary (2013d).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(962)(612)(343)(807) Macedonia, F.Y.R.**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1989-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1980-1988], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [2005-2008], from Arbetman and Johnson (2008a, b). [2009-2011], extrapolated using three year moving average. [1991-2004], crude estimates-best guesses.

Education: [1993-2010], from UNESCO (2012b), except for [2006], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1980-1992], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2006], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(674)(614)(580)(450) Madagascar**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008], from International Monetary Fund (2011). [2009-2011], extrapolated using three year moving average.

Education: [1971-2009], from UNESCO (2012b), except for [1973] & [1981-1983] & [1985-1987] & [1991-2004], which are computed using linear interpolation, and [1975-1978], which is extrapolated using rate of changes of Arbetman and Johnson (2008b). [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2009-2011], extrapolated using three year moving average.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(676)(616)(553)(454) Malawi**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1997], which is computed using linear interpolation. [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(548)(618)(820)(454) Malaysia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1982-2010], from International Monetary Fund (2012). [1960-1981], extrapolated back using rate of changes of Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of International Monetary (2013d).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007] from Arbetman and Johnson (2008a, b). [2008-2011], extrapolated using three year moving average.

Education: [1970-2009], from UNESCO (2012b), except for [1973], which is computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2011). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(556)(622)(781)(462) Maldives**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1995] & [2000] & [2006], from World Bank (2012). [2007-2008], linear interpolation. [2009-2010], from Central Intelligence Agency (2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1970-2004], from UNESCO (2012b), except for [1972-1979] & [1984-1993], which are computed using linear interpolation. [2005-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1990-2000], from International Monetary Fund (2012). [2001-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1995-2011], from World Bank (2013). [1969-1994], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

**(678)(624)(432)(466) Mali**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1986] & [2001-2002], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1967-2011], from World Bank (2013). [1960-1966], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(181)(626)(338)(470) Malta**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [2000-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).[1985-1999], extrapolated back using rate of changes of International Monetary Fund (2012). [1960-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1979], from Arbetman and Johnson (2008a, b). [1980-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b), except for [1997-1998] & [2006], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2000], from Arbetman and Johnson (2008b). [2001-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(867)(628)(983)(584) Marshall Islands**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1980] & [1988] & [1999], from World Bank (2012). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: All years missing.

Education: [1999-2009], from UNESCO (2012b), except for [2000-2001], which is computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1981-2011], from World Bank (2013). [1970-1980], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(682)(634)(435)(478) Mauritania**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2010], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008], crude estimate-best guess. [2009-2010], from Central Intelligence Agency (2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1972-2010], from UNESCO (2012b), except for [1973-1980] & [1982-1985] & [1997], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1971], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(684)(636)(590)(480) Mauritius**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1995-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1994], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007] from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b), except for [1991] & [1993-1995], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2003], from Arbetman and Johnson (2008b). [2004-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1976-2011], from World Bank (2013). [1960-1975], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(273)(638)(70)(484) Mexico**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1994], from Arbetman and Johnson (2008b), except for [1988] & [1991], which are from International Monetary Fund (2012). [1995-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007] from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(868)(642)(987)(583) Micronesia, Fed.Sts.**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1971-2005], available years from UNESCO (2012b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1986-2011], from World Bank (2013). [1969-1985], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

### **(921)(643)(359)(498) Moldova**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1999-2009], from World Bank (2012). [2010], extrapolated using the rate of change of International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1992-1998], extrapolated back using rate of changes of International Labour Organization (2012a). [1991], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1995-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991-1994], crude estimates-best guesses.

Education: [1990-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2003-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1996-2002], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [1991-1995], crude estimates-best guesses.

GDP per Capita: [1980-2011], from World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1992-2009], from Heston et al (2011). [1980-1991] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(948)(644)(712)(496) Mongolia**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-2007], from Arbetman and Johnson (2008b). [2008], extrapolated using the rate of change of International Labour Organization (2012a). [2009-2010], from Central Intelligence Agency (2009, 2010). [2011], extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1992-2010], from International Monetary Fund (2011), except for [2004-2005], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1980-1991], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1977-1978] & [1982] & [1984-1989] & [2007-2008], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2002-2006], from International Monetary Fund (2012), except for [2004-2005], which is computed using linear interpolation. [2007-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1993-2001], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1980-1991], crude estimates-best guesses.

GDP per Capita: [1981-2011], from World Bank (2013). [1969-1980], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1968], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(943)(646)(341)(499) Montenegro, Rep. Of**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [2005-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [2003-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1997-2011], from World Bank (2013). [1990-1996], extrapolated back using rate of changes of Heston et al (2011).

GDP per Capita, PPP: [1990], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(351)(648)(1021)(500) Montserrat**

Economically Active Population: All years missing.

Unemployment: [1975-1987], from International Labour Organization (2012a). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: All years missing.

Education: [1999-2007], from UNESCO (2012b). [2008-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: All years missing.

Population: All years missing.

Bureaucracy: All years missing.

GDP per Capita: All years missing.

GDP per Capita, PPP: All years missing

**(686)(652)(600)(504) Morocco**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1987-2009], from World Bank (2012). [2010], extrapolated using the rate of change of International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1986], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011), except for [1996] & [2000-2001], which are computed using linear interpolation. [2011], extrapolated using average of previous three years.

Education: [1971-2006], from UNESCO (2012b). [2007-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(688)(654)(541)(508) Mozambique**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1974-1976] & [1984] & [1996-1998] & [2003], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(518)(656)(775)(104) Myanmar**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1974-1975] & [1996-1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [2011], from World Bank (2013). [1960-2007], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [2008-2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>.

GDP per Capita, PPP: [1980-2010], from World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1979], extrapolated back using rate of changes of Maddison (2008).

### **(728)(662)(565)(516) Namibia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008], from World Bank (2012). [2009-2010], extrapolated using rate of changes of Central Intelligence Agency (2009, 2010). [2011], extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1999], from Arbetman and Johnson (2008a, b). [2000-2007], from International Monetary Fund (2011). [2008-2011], crude estimates-best guesses.

Education: [1986-2007], from UNESCO (2012b). [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1985], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(836)(664)(970)(520) Nauru**

Economically Active Population: All years missing.

Unemployment: All years missing.

Young Population: All years missing.

Social Security: All years missing.

Education: [2000-2008], from UNESCO (2012b). [2009-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: All years missing.

Population: All years missing.

Bureaucracy: All years missing.

GDP per Capita: All years missing.

GDP per Capita, PPP: All years missing.

### **(558)(666)(790)(524) Nepal**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1972-2006], from UNESCO (2012b), except for [1997-1998] & [2004], which are computed using linear interpolation. [1960-1970] & [2007], extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2010], extrapolated using three year moving average. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(138)(668)(210)(528) Netherlands**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1986-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [1960-1985], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1973-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years. [1960-1972], from Arbetman and Johnson (2008a, b).

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2012). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(353)(672)(1022)(1022) Netherlands Antilles**

Economically Active Population: [1990-2011], from International Labor Organization (2011).

Unemployment: [1988-2009], from International Monetary Fund (2012). [2010], extrapolated using the rate of change of Central Intelligence Agency (2010). [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: All years missing.

Education: [1981-2002], from UNESCO (2012b). [2003-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: All years missing.

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: All years missing.

GDP per Capita, PPP: All years missing.

**(839)(674)(1023)(540) New Caledonia**

Economically Active Population: [1990-2011], from International Labor Organization (2011).

Unemployment: [1996], from International Labour Organization (2012a). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: All years missing.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1965-1997], from World Bank (2013). [1998-2000], extrapolated using rate of changes of World Bank (2012).

GDP per Capita, PPP: All years missing.

**(196)(676)(920)(554) New Zealand**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1985], from Arbetman and Johnson (2008b). [1986-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using three year moving average. [2011], extrapolated using average of previous three years.

Education: [1970-2010], from UNESCO (2012b), except for [1978], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using the rate of change International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1977-2011], from World Bank (2013). [1960-1976], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013).

### **(278)(678)(93)(558) Nicaragua**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from World Bank (2012). [2008-2010], extrapolated using rate of changes of Central Intelligence Agency (2008, 2009, 2010). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1984], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-2010], from UNESCO (2012b), except for [1981] & [1996-1997] & [2009], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using the rate of change International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(692)(682)(436)(562) Niger**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011] crude estimates - best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-20050], from UNESCO (2012b), except for [1985-1987] & [1994] & [2009], which are computed using linear interpolation. [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(694)(684)(475)(566) Nigeria**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using the rate of change of Central Intelligence Agency (2008, 2010), where [2009] is computed using linear interpolation. [2011], extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1979], from Arbetman and Johnson (2008a, b). [1980-2011], crude estimates-best guesses.

Education: [1970-2010], from UNESCO (2012b), except for [1974-1976] & [1988] & [1991-1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2007], from Arbetman and Johnson (2008b). [2008], extrapolated using the rate of change of International Monetary Fund (2012)<sup>c</sup>. [2009-2011], extrapolated using three year moving average.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(142)(686)(385)(578) Norway**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1979], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2012). [2010], extrapolated using the rate of change of from International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(449)(688)(698)(512) Oman**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1975-2009], from UNESCO (2012b), except for [2004-2007], which is extrapolated using rate of changes of Arbetman and Johnson (2008b), and [2008], which is computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1974], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using the rate of change of Maddison (2008).

**(564)(692)(770)(586) Pakistan**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1979], from Arbetman and Johnson (2008b). [1980-2008], from World Bank (2012). [2009-2010], extrapolated using the rate of change of Central Intelligence Agency (2008, 2009, 2010). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1993-2002], which is computed using linear interpolation. [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(565)(694)(986)(585) Palau**

Economically Active Population: [1991-2011], from United Nations (2013c).

Unemployment: [2005], from World Bank (2012). [2006], crude estimate-best guess. [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010), where [2007-2010] divided adjusted by division by 10 to match World Bank values for the matching years. [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: All years missing.

Education: [1971-2005] & [2007], available years from UNESCO (2012b). [2006] & [2008-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2012). [2011], extrapolated using World Bank (2013).

Bureaucracy: All years missing.

GDP per Capita: [1991-2011], from World Bank (2013). [1969-1990], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1980-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(283)(698)(95)(591) Panama**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1981], from Arbetman and Johnson (2008b). [1982-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-2009], from UNESCO (2012b), except for [1997-1998] & [2003], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(853)(716)(910)(598) Papua New Guinea**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of Central Intelligence Agency (2009, 2010), except [2008] which is computed using linear interpolation. [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-1998], from UNESCO (2012b), except for [1980] & [1983] & [1985] & [1996-1997], which are extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses. [1960-1969] & [1999-2007], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(288)(718)(150)(600) Paraguay**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1979], from Arbetman and Johnson (2008b). [1980-2008], from World Bank (2012), except for [1981] & [1996], which are from Arbetman and Johnson (2008b). [2009], linear interpolation. [2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Education: [1970-2009], from UNESCO (2012b). [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2005], from Arbetman and Johnson (2008b). [2006-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(293)(722)(135)(604) Peru**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1985], from Arbetman and Johnson (2008b). [1986-2010], from International Monetary Fund (2012), except for [1988] & [1990], which are from Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1989], from Arbetman and Johnson (2008a, b). [1990-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2012).

Education: [1970-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(566)(724)(840)(608) Philippines**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1979], from Arbetman and Johnson (2008b). [1980-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [2000], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(964)(726)(290)(616) Poland**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1992-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1980-1991], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1984-2000], from Arbetman and Johnson (2008a, b). [2001-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2009], from UNESCO (2012b), except for [1995-1996], which is computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2011). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1990-2011], from World Bank (2012).

GDP per Capita, PPP: [1991-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1970-1990], extrapolated back using rate of changes of Heston et al (2013).

### **(182)(728)(235)(620) Portugal**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1978], from Arbetman and Johnson (2008b). [1979], from International Labour Organization (2012a).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1998], from Arbetman and Johnson (2008a, b). [1999-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2009], from UNESCO (2012b), except for [1981-1985] & [1997], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008], crude estimate-best guess. [2009-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(453)(732)(694)(634) Qatar**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008], extrapolated using rate of changes of International Labour Organization (2012a). [2009-2010], extrapolated using rate of changes of Central Intelligence Agency (2009, 2010). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1997] & [2004-2007], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [2000-2011], from World Bank (2013). [1960-1999], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1985], extrapolated back using rate of changes of Maddison (2008).

### **(968)(734)(360)(642) Romania**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1994-2010], from World Bank (2012). [1980-1993], from Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1980-2010], from International Monetary Fund (2011), except for [2009], which is computed using linear interpolation. [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b), except for [1975-1988], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2007], from Arbetman and Johnson (2008b). [2008], from International Monetary Fund (2011). [2009-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(922)(738)(365)(643) Russia**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1992-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1980-1991], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1993-2007], from Arbetman and Johnson (2008b). [2008], from International Monetary Fund (2011), [1991-1992] & [2009-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1972-1975] & [1977-1980] & [1982-1985] & [2000-2002], which are computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1989-2011], from World Bank (2013). [1969-1988], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(714)(741)(517)(646) Rwanda**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008], extrapolated using the rate of change of International Labour Organization (2012a). [2009-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1972-1975] & [1993-1998], which are extrapolated using rate of changes of Arbetman and Johnson (2008b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(862)(746)(990)(882) Samoa**

Economically Active Population: All years missing.

Unemployment: All years missing.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1971-2010], from UNESCO (2012b), except for [1971-1972] & [1974] & [1983-1985] & [1987-1994] & [1997] & [2006-2008], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1982-2011], from World Bank (2013). [1969-1981], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

**(135)(748)(331)(674) San Marino**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1985-1998], from World Bank (2012). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: All years missing.

Social Security: [2002-2005], from Arbetman and Johnson (2008a, b). [2006-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using the average of last three years.

Education: [2009-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1970-2008], from World Bank (2013). [2009-2011], extrapolated using rate of changes of United Nations (2013a).

GDP per Capita, PPP: All years missing.

### **(716)(751)(403)(678) Sao Tome & Principe**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2008], from UNESCO (2012b), except for [1973-1975] & [1978-1980] & [1985-1986] & [1989-2002], which are extrapolated using rate of changes of Arbetman and

Johnson (2008b). [2009-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [2001-2011], from World Bank (2013). [1960-2000], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

#### **(456)(754)(670)(682) Saudi Arabia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1998], from Arbetman and Johnson (2008b). [1999-2009], from World Bank (2012), except for [2003-2005], which is from Arbetman and Johnson (2008b). [2010-2011], extrapolated using rate of changes of Central Intelligence Agency (2010-2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1979-2009], from UNESCO (2012b), except for [1980-2004] & [2006], which are computed using linear interpolation. [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1978], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1968-2011], from World Bank (2013). [1960-1967], extrapolated back using rate of changes of Arbetman and Johnson (2008a)

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [1980-1985] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1979], extrapolated back using rate of changes of Maddison (2008).

### **(722)(758)(433)(686) Senegal**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1973-1977], which is extrapolated using rate of changes of Arbetman and Johnson (2008a), and [1991] & [1993-1995] & [2009], which are extrapolated using rate of changes of Arbetman and Johnson (2008b). [2010-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(942)(813)(347)(688) Serbia, Republic of**

Economically Active Population: [1990-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of United Nations Food and Agriculture Organization (2013)

Unemployment: [1995-2008], from International Labour Organization (2012a). [2009-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: [1990-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [2007-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1999-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1990-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2007-2009], from International Monetary Fund (2012). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1989-2011], from World Bank (2013). [1969-1988], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [2005-2009], from Heston et al (2011). [1990-2004] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(718)(816)(591)(690) Seychelles**

Economically Active Population: [1990-2011], from United Nations (2013c).

Unemployment: [1981-2005], from World Bank (2012), except for [1982-1984], which is from International Labour Organization (2012a), and [1986-1993] & [1995-2001] & [2003-2004], which are computed using linear interpolation. [2006-2010], from Central Intelligence Agency (2006-2010), except for [2007-2008], which are crude estimates-best guesses. [2011], from International Monetary Fund (2013).

Young Population: All years missing.

Social Security: [1993-2010], from International Monetary Fund (2011). [1960-1992], from Arbetman and Johnson (2008a, b).

Education: [1970-2006], from UNESCO (2012b), except for [1977] & [1997] & [2006], which are computed using linear interpolation. [2007-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2012). [2011], extrapolated using World Bank (2013).

Bureaucracy: [2005], from International Monetary Fund (2012). [2006-2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1993-2004], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>, except for [2004], which is computed using linear interpolation of the available values of International Monetary Fund (2011)<sup>b</sup>.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(724)(819)(451)(694) Sierra Leone**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2001], from UNESCO (2012b), except for [1982-1983] & [1987] & [1992-2000], which are computed using linear interpolation. [1960-1970] & [2002-2007], extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011], extrapolated using average of previous three years.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate of changes of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1961-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960], extrapolated back using rate of changes of Maddison (2008).

**(576)(823)(830)(702) Singapore**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1983], from Arbetman and Johnson (2008b). [1984-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1961-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(936)(826)(317)(703) Slovak Republic**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1993-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991-1992], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1996-2010], from International Monetary Fund (2011), except for [1999], which is computed using linear interpolation. [2011], extrapolated using average of previous three years. [1991-1995], crude estimates-best guesses.

Education: [1993-2008], from UNESCO (2012b). [2009-2011], extrapolated using rate-of-change of UNESCO (2013). [1991-1992], crude estimates-best guesses.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2000-2009], from International Monetary Fund (2012). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1996-1999], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [1991-1995], crude estimates-best guesses.

GDP per Capita: [1984-2011], from World Bank (2013). [1969-1983], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1987-2009], from Heston et al (2011). [1984-1986] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1983], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(961)(829)(349)(705) Slovenia**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-1991], extrapolated back using rate of changes of Arbetman and Johnson (2008b). [1992-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1992-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991], crude estimate-best guess.

Education: [1982-2009], from UNESCO (2012b). [2010-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1980-2002], from International Monetary Fund (2012). [2003-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1990-2011], from World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(813)(836)(940)(90) Solomon Islands**

Economically Active Population: All years missing.

Unemployment: [1999] & [2009], from International Monetary Fund (2012).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1970-2007], from UNESCO (2012b), except for [1974] & [1984-1985] & [1987-1989] & [1995-1998], which are computed using linear interpolation. [2008-2009], crude estimates-best guesses. [2010-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1990-2011], from World Bank (2013). [1967-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1967-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(726)(839)(520)(706) Somalia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2007], from UNESCO (2012b), except for [1975], which is computed using linear interpolation, and [1987-2006], which is extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses. [1960-1970], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2007], from Arbetman and Johnson (2008a). [2008-2009], extrapolated using rate of changes of Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], crude estimate – best guess.

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], crude estimate – best guess. [1960-1969], extrapolated back using rate of changes of Maddison (2008).

**(199)(846)(560)(710) South Africa**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1994-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1993], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1989-2009], from UNESCO (2012b), except for [1992-1993], which is extrapolated using rate of changes of Arbetman and Johnson (2008b), and [1995-1997], which is computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013) after linear extrapolation to obtain 2010. [1960-1988], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(184)(853)(230)(724) Spain**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1980], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011), except for [1998], which is computed using linear interpolation. [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2012). [2010], extrapolated using the rate of change of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(524)(856)(780)(144) Sri Lanka**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1989], from Arbetman and Johnson (2008b). [1990-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1989], from Arbetman and Johnson (2008a, b). [1990-2008], from International Monetary Fund (2011). [2009-2011], extrapolated using three year moving average.

Education: [1970-1995], from UNESCO (2012b), except for [1975] & [1977-1979], which are computed using linear interpolation. [1996-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008], extrapolated using the rate of change of International Monetary Fund (2011)<sup>b</sup>. [2009-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(361)(862)(60)(659) St. Kitts and Nevis**

Economically Active Population: [1990-2011], from United Nations (2013c)(2013)

Unemployment: [2001], from World Bank (2012). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: All years missing.

Social Security: [1985-2010], from International Monetary Fund (2011), except for [1995-2001], which is computed using linear interpolation. [2011], extrapolated using average of previous three years.

Education: [1984-2009], from UNESCO (2012b), except for [1990-1991] & [1994-1999] & [2006], which are computed using linear interpolation. [2010-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2010], from World Bank (2012). [2011], extrapolated using World Bank (2013).

Bureaucracy: All years missing.

GDP per Capita: [1977-2011], from World Bank (2013). [1969-1976], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

### **(362)(866)(56)(662) St. Lucia**

Economically Active Population: All years missing.

Unemployment: [1991-2007], from World Bank (2012), except for [1992] & [2001], which are computed using linear interpolation. [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1971-2010], from UNESCO (2012b), except for [1979] & [1988-1989] & [1994-1996] & [1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1980-2011], from World Bank (2013). [1969-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

### **(364)(868)(57)(670) St. Vincent and Grenadines**

Economically Active Population: All years missing.

Unemployment: [1991], from World Bank (2012). [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1990-2004], from International Monetary Fund (2011). [2005-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1973] & [1977-1981] & [1983] & [1989-1990] & [1992-1999] & [2006], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(732)(887)(625)(729) Sudan**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1987-1990], which is extrapolated using rate of changes of Arbetman and Johnson (2008b), and [1993-1998], which is computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

**(366)(911)(115)(740) Suriname**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b), except for [1987] & [1989-1990] & [1992-1999], which are from World Bank (2012). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b), except for [1994-2000] & [2004], which are extrapolated using rate of changes of Arbetman and Johnson (2008b). [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1975-2011], from World Bank (2013). [1960-1974], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using the average of last three years. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(734)(912)(572)(748) Swaziland**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], [1990-2011], from United Nations (2013c)(2013)

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-2010], from UNESCO (2012b), except for [1981-1984] & [1986-1991], which are extrapolated using rate of changes of Arbetman and Johnson (2008b), and [1997] & [2008], which are computed using linear interpolation. [2011], from UNESCO (2013). [1960-1969], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1970-2011], from World Bank (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

### **(144)(913)(380)(752) Sweden**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1980-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1966-1979], from International Labour Organization (2012a). [1960-1965], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], from International Monetary Fund (2012). [2010], extrapolated using the average of last three years. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

#### **(146)(914)(225)(756) Switzerland**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [2010-2011], extrapolated using the average of last three years. [1972-2009], from International Monetary Fund (2011).

Education: [1978-2010], from UNESCO (2012b), except for [1997], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1977], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1980-2011], from World Bank (2013). [1960-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(463)(915)(652)(760) Syrian Arab Republic**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1983-2010], from World Bank (2012), except for [1985-1988] & [1990] & [1992] & [1996] & [1998] & [2004-2005], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1969-1982], from International Labour Organization (2012a), except for [1980-1982], which is computed using the linear interpolation of International Labour Organization (2012a) complete data. [1960-1968], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b), except for [2000], which is computed using linear interpolation. [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b). [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2010], extrapolated using the average of last three years. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(923)(917)(702)(762) Tajikistan**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: All years missing.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1996-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1991-2010], from UNESCO (2012b), except for [1996-1998], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2003-2004], from International Monetary Fund (2012). [2005-2011], extrapolated using average of previous three years. [1998-2002], extrapolated back using rate of changes of International Monetary Fund (2011)<sup>b</sup>, except for [2002], which is computed using linear interpolation of International Monetary Fund (2011)<sup>b</sup> complete data.

GDP per Capita: [1985-2011], from World Bank (2013). [1969-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1985-1992] & [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013). [1969-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(738)(918)(510)(834) Tanzania**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-1997], from UNESCO (2012b). [1960-1969] & [1998-2007], extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011], extrapolated using average of previous three years.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1988-2011], from World Bank (2013). [1960-1988], extrapolated back using rate of changes of Heston et al (2011).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(578)(921)(800)(764) Thailand**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1979], from Arbetman and Johnson (2008b). [1980-1984], from World Bank (2012).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1973], from Arbetman and Johnson (2008a, b). [1974-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b), except for [1983] & [1999-2000], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

**(537)(923)(860)(626) Timor-Leste**

Economically Active Population: All years missing.

Unemployment: [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [2001-2010], from UNESCO (2012b), except for [2003] & [2006-2007], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1999-2011], from World Bank (2013).

GDP per Capita, PPP: [1999-2009], from Heston et al (2011). [2010], extrapolated back using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

**(742)(924)(461)(768) Togo**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2006], from UNESCO (2012b), except for [1981] & [1993] & [1998], which are computed using linear interpolation. [2008-2010], crude estimates-best guesses. [2007-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate of changes of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

### **(866)(925)(955)(776) Tonga**

Economically Active Population: All years missing.

Unemployment: [1990-2006], from World Bank (2012), except for [1991-1992] & [1994-1995] & [1997-2002] & [2004-2005], which are computed using linear interpolation. [2007-2010], extrapolated using rate of changes of Central Intelligence Agency (2007, 2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1970-2006], from UNESCO (2012b), except for [1976-1977] & [1979-1980] & [1987-1989] & [1992] & [1994-1997] & [2005], which are computed using linear interpolation. [2007-2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1980-2011], from World Bank (2013). [1962-1979], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013). [1962-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(369)(926)(52)(780) Trinidad and Tobago**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [1980-1984], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1984], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2000], from Arbetman and Johnson (2008a, b). [2001-2009], from International Monetary Fund (2011). [2010-2011], extrapolated using the average of the last three years.

Education: [1971-2004], from UNESCO (2012b), except for [1974-1976] & [1980] & [1994-1998], which are computed using linear interpolation. [2005-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2010], extrapolated using the average of last three years. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

#### **(744)(927)(616)(788) Tunisia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1984-2010], from World Bank (2012), except for [1985-1988] & [1990-1993] & [1995-1996] & [1998]. [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1983], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Education: [1971-2009], from UNESCO (2012b). [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2010-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1961-2011], from World Bank (2013). [1960], extrapolated back using the rate of change of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1961-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960], extrapolated back using the rate of change of Maddison (2008).

### **(186)(928)(640)(792) Turkey**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1987], extrapolated back using rate of changes of Arbetman and Johnson (2008b), except for [1982-1985], which is extrapolated using rate of changes of International Labour Statistics (2012a). [1988-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2009], from UNESCO (2012b). [2010], extrapolated using the average of last three years. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2010], extrapolated using the

average of last three years. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(925)(934)(701)(795) Turkmenistan**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011] crude estimates - best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: All years missing.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1987-2011], from World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1987-1992] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(746)(935)(500)(800) Uganda**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2009], from World Bank (2012). [2008], linear interpolation. [2010-2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-2010], from UNESCO (2012b), except for [1971-1972] & [1989] & [1998-1999], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2009], extrapolated using rate of changes of International Monetary Fund (2011)<sup>b</sup>. [2010], extrapolated using the average of last three years. [2011], extrapolated using average of previous three years.

GDP per Capita: [1982-2011], from World Bank (2013). [1960-1981], extrapolated back using rate of changes of Heston et al (2011).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(926)(936)(369)(804) Ukraine**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1995-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1991-1994], crude estimates-best guesses.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1999-2010], from International Monetary Fund (2011). [1991-1998], crude estimates-best guesses. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Education: [1981-2010], from UNESCO (2012b), except for [1989] & [1995-1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [2001-2011], from International Monetary Fund (2013).

GDP per Capita: [1987-2011], from World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1993-2009], from Heston et al (2011). [1987-1992] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

### **(466)(939)(696)(784) United Arab Emirates**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b). [2008], from World Bank (2012). [2009-2010], from Central Intelligence Agency (2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1990-1999], from International Monetary Fund (2011). [2000-2007], extrapolated using rate of changes of Arbetman and Johnson (2008a, b). [1960-1989] & [2008-2011], crude estimates-best guesses.

Education: [1971-2006], from UNESCO (2012b), except for [1996], which is computed using linear interpolation. [2007-2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], crude estimates-best guesses. [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1975-2011], from World Bank (2013). [1969-1974], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1986-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1985], extrapolated back using rate of changes of Maddison (2008).

### **(112)(941)(200)(826) United Kingdom**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1984-2010], from World Bank (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1960-1983], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2009], from UNESCO (2012b). [2010], crude estimate-best guess. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate-of-change of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(111)(943)(2)(840) United States**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1971-2010], from UNESCO (2012b), except for [1973] & [1988-1989] & [1992] & [1997], which are computed using linear interpolation. [2011], extrapolated using rate-of-change

of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(298)(944)(165)(858) Uruguay**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-1985], from Arbetman and Johnson (2008b). [1986-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-1971], from Arbetman and Johnson (2008a, b). [1972-2010], from International Monetary Fund (2011). [2011], extrapolated using average of previous three years.

Education: [1970-2009], from UNESCO (2012b), except for [1980], which is computed using linear interpolation. [2010], crude estimate-best guess. [2011], extrapolated using average of previous three years. [1960-1969], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], extrapolated using rate of changes of International Monetary Fund (2013).

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(927)(946)(704)(860) Uzbekistan**

Economically Active Population: [1980-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [2007 & 2009-2011] from Central Intelligence Agency (2007 & 2009-2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1981-2010], from UNESCO (2012b), except for [1982-1985] & [1987-1988] & [1996-1998], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1987-2011], from World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1990-2009], from Heston et al (2011). [1987-1989] & [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1969-1986], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

**(846)(948)(935)(548) Vanuatu**

Economically Active Population: All years missing.

Unemployment: [2007-2010], from Central Intelligence Agency (2007, 2008, 2009, 2010). [2011] crude estimates - best guesses..

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1970-2010], from UNESCO (2012b), except for [1979] & [1982] & [1984-1988] & [1990] & [1992-1998] & [2005-2007], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1979-2011], from World Bank (2013). [1970-1978], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated using rate of changes of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(299)(960)(101)(862) Venezuela**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1985-2010], from International Monetary Fund (2012). [2011], extrapolated using rate-of-change of International Monetary Fund (2013). [1975-1984], from International Labour Organization (2012a). [1960-1974], from Arbetman and Johnson (2008b).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1971-2010], from UNESCO (2012b), except for [1994-1998], which is computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1970], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

### **(582)(961)(818)(704) Vietnam**

Economically Active Population: [1990-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1996-2008], from World Bank (2012), except for [2005-2007], which is computed using linear interpolation. [2009-2010], extrapolated using rate of changes of Central Intelligence Agency (2009, 2010). [2011], extrapolated using rate-of-change of Central Intelligence Agency (2011).

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: All years missing.

Education: [1976-2010], from UNESCO (2012b), except for [1978-1979] & [1981-1989] & [1991-1997], which are computed using linear interpolation. [2011], extrapolated using average of previous three years.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: All years missing.

GDP per Capita: [1984-2011], from World Bank (2013). [1969-1983], extrapolated back using rate of changes of Arbetman and Johnson (2008a). [1960-1968], extrapolated back using rate of changes of Maddison (2008).

GDP per Capita, PPP: [1970-2009], from Heston et al (2011). [2010], extrapolated back using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1969], extrapolated back using rate of changes of Maddison (2008).

#### **(474)(963)(679)(887) Yemen, Republic Of**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1994-2009], from World Bank (2012), except for [1995-1998] & [2000-2003], which are computed using linear interpolation. [2010], extrapolated using the rate of change of Central Intelligence Agency (2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1999-2010], from UNESCO (2012b), except for [2002] & [2006-2007] & [2009], which are computed using linear interpolation. [2011], extrapolated using rate-of-change of UNESCO (2013). [1960-1998], extrapolated back using rate of changes of Arbetman and Johnson (2008b).

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Monetary Fund (2013d).

GDP per Capita: [1990-2011], from World Bank (2013). [1960-1989], extrapolated back using rate of changes of Arbetman and Johnson (2008a).

GDP per Capita, PPP: [1989-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013). [1960-1988], extrapolated back using rate of changes of Maddison (2008).

### **(754)(965)(551)(864) Zambia**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b), except for [1986] & [1990-1991] & [1993] & [1996] & [1998] & [2000], which are from World Bank (2012). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-1994], from UNESCO (2012b), except for [1983-1984] & [1989] & [1991-1993], which are computed using linear interpolation. [1960-1969] & [1995-2007], extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2010], extrapolated using rate of changes of International Monetary Fund (2011)<sup>c</sup>. [2011], extrapolated using average of previous three years.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of World Bank (2013).

**(698)(968)(552)(716) Zimbabwe**

Economically Active Population: [1960-2002], from Arbetman and Johnson (2008b). [2003-2011], extrapolated using rate-of-change of International Labor Organization (2011).

Unemployment: [1960-2007], from Arbetman and Johnson (2008b), except for [1982] & [1987] & [1994] & [1997] & [1999], which are from World Bank (2012). [2008-2010], from Central Intelligence Agency (2008, 2009, 2010). [2011], crude estimate-best guess.

Young Population: [1960-2002], from World Bank (2012). [2003-2011], extrapolated using rate-of-change of World Bank (2013).

Social Security: [1960-2007], from Arbetman and Johnson (2008a, b). [2008-2011], crude estimates-best guesses.

Education: [1970-1997], from UNESCO (2012b). [1960-1969] & [1998-2007], extrapolated using rate of changes of Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

Urban Population: [1960-2011], from World Bank (2013).

Population: [1960-2011], from United Nations (2011e).

Bureaucracy: [1960-2007], from Arbetman and Johnson (2008b). [2008-2011], crude estimates-best guesses.

GDP per Capita: [1960-2011], from World Bank (2013).

GDP per Capita, PPP: [1960-2009], from Heston et al (2011). [2010], extrapolated using the rate of change of World Bank (2012)<sup>a</sup>. [2011], extrapolated using the rate of change of Heston et al (2013).

**Endnotes for country notes**

- a) GDP per capita in 2005 constant international dollars from World Bank World Development Indicators, 2012.
- b) These values refer to central government.
- c) These values refer to government wages/GDP.
- d) GDP per capita in 2000 constant US dollars from World Bank World Development Indicators, 2012.
- e) These values refer to labor force participation rates.
- f) These values refer to total general government revenues.

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