

ADB EMINENT PERSONS' LECTURES

Topic: Asia In The 21st Century: The Challenges of Equality, Good Governance and Sustainability

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Introduction

1 I wish to begin by thanking the President of ADB, Mr Haruhiko Kuroda, the Vice-President, Dr Bindu Lohani, and my good friend, Dr K E Seetharam, for inviting me to speak in this prestigious lecture series. During the past several years, I have worked closely with ADB in chairing the Governing Council of the Asia Pacific Water Forum (APWF). The APWF and the ADB have a shared commitment to the Millennium Development Target on water and sanitation. I will continue to work tirelessly until my dream that every Asian man, woman and child will have access to safe drinking water and good sanitation is achieved.

Choice of Lecture Topic

2 I want to briefly explain the choice of the topic for my lecture. First, I want to remind Asians not to be carried away by our success. It is true that we are making impressive progress. It is also true that we

still face enormous challenges. We should, therefore, be humble and not fall victim to hubris and triumphalism. Second, I have looked carefully at ADB's "Strategy 2020", setting out the Bank's long-term strategic framework for the period, 2008 to 2020. ADB will focus on three complementary agendas: inclusive growth, environmentally sustainable growth and regional integration. ADB will make use of five drivers of change, one of which is good governance. I have decided to touch on two of the three agendas, inclusive growth and sustainability and one of the drivers of change, good governance.

The Challenge of Inclusive Growth

3 Eighteen years ago, the World Bank published a landmark book, entitled, "The East Asian Miracle". In that book, the author praised eight Asian economies for their rapid and sustained economic progress and highlighted the fact that they seemed to have evolved a model which combined growth with equity. What is the situation today? The situation today is that we have growth, but with less equity. All our societies have grown more unequal, as measured by the gini coefficient and the ratio of average incomes of the top 20% and the bottom 20%. See Annex A, which contains the index of gini coefficient taken from the World Bank's Development Indicators. According to the World Bank's latest statistics, the gini coefficient for Singapore was 0.48 in 2010. In the case of China, the gini coefficient has risen from around 0.30 in the early 1980s to around 0.47 in 2009. Some social scientists have warned that inequality which exceeds the gini coefficient of 0.4 could lead to social unrest. Even without social unrest, great inequality is a threat to social cohesion and harmony.

The current trend in Asia is fundamentally objectionable because it is inconsistent with the very purpose of development which is to benefit all citizens. ADB is, therefore, right to make inclusive growth one of its three agendas.

4 There are three causes for the current trend towards greater inequality: technology, globalisation and domestic policy. There is a technological revolution taking place in the world. Automation, robotics, the information and communication technology have revolutionised the work place. As a result, some jobs have disappeared. New jobs have been created for those who are well educated and highly skilled. Workers with low education and low skills have either been made redundant or are stuck in low-paying jobs. There is nothing which a country can do to protect its workers from the advance of technology. What it can and should do is to invest heavily in educating its people and training them for the good jobs in the sunrise knowledge-intensive industries. This requires a shift of emphasis from quantity to quality in the provision of education and training.

5 The second cause of growing inequality is globalisation. This is another irresistible force. On balance, globalisation has done more good than harm for the world. Globalisation has enabled Asia to compete with the West on a more level playing field. Globalisation has also enabled a country like China to become the factory of the world, a country like India to become a service provider to the world and a country like the Philippines to provide seafarers to the world's shipping industry. Globalisation has also brought enormous opportunities to

Asia's talented men and women. One negative aspect of globalisation is that it has created a sharp divide in each of our countries between those who work in the domestic economy and those who work in the international economy. Singapore is a paradigm case of a country with two economies. Those who work in the domestic economy continue to earn Third World wages.

6 The third cause of the growing inequality is domestic policy. Most Asian governments prefer not to talk about this cause. Their public rhetoric is that the growing inequality is caused by technology and globalisation. If that were true, then it must follow that successful European countries, such as Switzerland and Denmark, would be just as unequal as we are. The fact is that they are not. Denmark's gini coefficient is 0.29 (2007) and Switzerland's gini coefficient is 0.33 (2009). What accounts for the difference? The difference is due to the different economic, tax and social policies. Let us take Singapore as an example. First, at the macro level, Singapore has probably over-rewarded capital and under-rewarded labour. Second, we tax the rich very lightly and we have a regressive tax called the Goods and Services Tax, currently set at 7%. Third, we do not have a minimum wage. Fourth, we have very large numbers of unskilled and semi-skilled foreign workers, which result in the stagnation of the wages of the bottom 20% to 30% of our workers. Fifth, the cash transfers to help the poor workers, by way of the innovative workfare and for their medical insurance, are relatively modest. The government wants to do more to help our poorer citizens, but it is constrained by the determination not to undermine the work ethic or the value of self-reliance and to avoid creating an entitlement mentality.

In defence of Singapore, I would say that Singapore's gini coefficient does not tell the full story. There is almost full employment as the unemployment rate is only 2%. Housing is heavily subsidised and there are no homeless people in Singapore. Public housing and private housing often exist side by side. There are no gated communities in Singapore. Education is also heavily subsidised and, while there are elite schools, there are no bad schools in Singapore. Healthcare and transportation are good and are accessible to the poor and rich alike. The rule of law is strong and the government is non-corrupt. Most important of all is equality of opportunities and social mobility. It is probably better to be poor in Singapore than anywhere else in Asia.

The Challenge of Good Governance

7 The concept of good governance has many aspects. For the purpose of this lecture, I will focus on two: corruption and the rule of law. All Asians aspire to live in a society in which they do not have to offer a bribe to anyone in order to obtain what they are entitled to under the law. They want to live in a society in which the policeman, prosecutor and judge are not corrupt. They want to live in a society in which licences, contracts and policies are made in a transparent manner and based on merit and nothing else. Corruption is a cancer eating at the heart of Asia. It is one of the most shameful of Asia's failings.

8 I read with dismay, each year, the Corruption Perceptions Index published by Transparency International. According to the 2011 Index

(see Annex B), only one Asian country, Singapore (no. 4) is ranked among the top 10 most non-corrupt countries and territories in the world. Hong Kong is ranked no. 12, Japan no. 14, Taiwan no. 32, Bhutan no. 38, South Korea no. 43, Brunei no. 44, Malaysia no. 60, China no. 75, Thailand no. 80, Sri Lanka no. 86, India no. 96, Indonesia no. 100, Vietnam no. 112, Bangladesh no. 120, Mongolia no. 120, Philippines no. 129, Pakistan no. 134, Laos no. 154, Cambodia no. 164 and Myanmar no. 180. I am struck by the fact that there is no apparent correlation between democracy and non-corruption. A country can be both democratic and corrupt.

9 The rule of law is as important to the lives of ordinary citizens as the absence of corruption. Asians aspire to live in societies which protect their safety, rights and property. They want to live in societies in which everyone is subject to the law and no one is above the law. They want to live in societies in which the judiciary is independent and justice is not for sale. They do not wish to live in societies in which there is one law for the rich and powerful and another law for the poor and the weak. They do not wish to live in a society in which there is a culture of impunity and where the rich and powerful can literally get away with murder.

10 I attach in Annex C, the World Bank's 2011 Index for the Rule of Law. I will not embarrass Asia by reading out the scores of the various countries on the Index. The maximum score is 100. Only Singapore, Hong Kong and Japan had scores in the 90s. Brunei, South Korea and Taiwan had scores in the 80s. I would simply say that there is much room for improvement for the other Asian countries.

The Challenge of Sustainability

11 The ADB is right to focus on environmentally sustainable growth as one of its three agendas. I speak with some passion on this subject because 20 years ago, I chaired the preparatory committee for the Earth Summit. I also chaired the negotiations at the Summit itself.

12 In 1992, our top three challenges were climate change, the loss of biodiversity and the depletion of the world's rainforests. We have made no progress in any of these three areas in the past 20 years. The evidence that the continued accumulation of CO₂ in the atmosphere is leading to global warming and climate change is overwhelming. The loss of biodiversity and ecosystems is accelerating. The rainforests are disappearing literally before our eyes. With few exceptions, Asian countries and cities have failed to achieve a balance between development and the environment. The result is that most of our citizens are suffering from air and water pollution, from degraded land and contaminated food. Most of our cities are becoming less and less liveable.

13 I would also like to mention the state of the world's oceans because 71% of the earth's surface is covered by the sea and the oceans serve as the blue lungs of the world. The oceans also play a role in regulating the world's climate. Thirty years ago, I served as the President of the Third UN Conference on the Law of the Sea, which adopted the landmark UN Convention on the Law of the Sea in 1982. I would like to highlight the little known fact that the oceans absorb

CO₂ from the atmosphere and generate oxygen. However, because of global warming, the oceans are becoming warmer and more acidic. This will lead to the destruction of the world's coral reefs and a threat to the livelihood of millions of people who depend on them. The world's fishery is in a state of crisis. In view of the symbiotic relationship between land and sea, we should be concerned by the health of the world's oceans.

14 The future health of our planet will depend increasingly on Asia. China is already the world's no. 1 emitter of CO₂ . India is not far behind. However, China and India have the right to develop and to uplift the welfare of their peoples. The West cannot reasonably demand that china and India stop developing. The way forward is for East and West to work together to forge a new paradigm for development. We need to find a way for the world to make a successful transition to a low carbon economy and one which uses resources in a more efficient and sustainable manner. Asia stands at a crossroads. One road will lead to a degraded and increasingly threatened planet. The second road will lead to a sustainable future. The future is in our hands. Let us have the wisdom and courage to choose the second road and not the first.

15 Thank you.

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Distribution of income or consumption

	Survey year	Gini Index	Percentage share of income or consumption ^a						
			Lowest 10%	Lowest 20%	Second 20%	Third 20%	Fourth 20%	Highest 20%	Highest 10%
Afghanistan	2008 ^b	29.4	3.8	9.0	13.1	16.9	22.3	38.7	24.0
Albania	2008 ^b	34.5	3.5	8.1	12.1	15.9	20.9	43.0	29.0
Algeria	1995 ^b	35.3	2.8	6.9	11.5	16.3	22.8	42.4	26.9
Angola ^c	2000 ^b	58.6	0.6	2.0	5.7	10.8	19.7	61.9	44.7
Argentina ^c	2009 ^d	45.8	1.5	4.1	8.9	14.3	22.2	50.5	33.6
Armenia	2008 ^b	30.9	3.7	8.8	12.8	16.7	21.9	39.8	25.4
Australia	1994 ^d	35.2	2.0	5.9	12.0	17.2	23.6	41.3	25.4
Austria	2000 ^d	29.1	3.3	8.6	13.3	17.4	22.9	37.8	23.0
Azerbaijan	2008 ^b	33.7	3.4	8.0	12.1	16.2	21.7	42.1	27.4
Bangladesh	2005 ^b	31.0	4.3	9.4	12.6	16.1	21.1	40.8	26.6
Belarus	2008 ^b	27.2	3.8	9.2	13.8	17.8	22.9	36.4	21.9
Belgium	2000 ^d	33.0	3.4	8.5	13.0	16.3	20.8	41.4	28.1
Belize	1999 ^d	54.4	1.2	3.4	7.2	11.9	19.1	58.5	43.5
Benin	2003 ^b	38.6	2.9	6.9	10.9	15.1	21.2	45.9	31.0
Bolivia	2007 ^d	57.3	1.0	2.8	6.4	11.1	18.8	61.0	45.4
Bosnia and Herzegovina	2007 ^b	36.2	2.7	6.7	11.3	16.1	22.7	43.2	27.3
Botswana	1994 ^b	61.0	1.3	3.1	5.8	9.6	16.4	65.0	51.2
Brazil	2009 ^d	53.9	1.2	3.3	7.2	11.9	19.5	58.1	42.5
Bulgaria	2007 ^b	45.3	2.0	5.0	9.1	13.9	21.0	51.0	35.2
Burkina Faso	2003 ^b	39.6	3.0	7.0	10.6	14.7	20.6	47.1	32.4
Burundi	2006 ^b	33.3	4.1	9.0	11.9	15.4	21.0	42.8	28.0
Cambodia	2007 ^b	44.4	3.0	6.6	9.4	13.1	19.2	51.7	37.3
Cameroon	2001 ^b	44.6	2.4	5.6	9.3	13.7	20.5	50.9	35.5
Canada	2000 ^d	32.6	2.6	7.2	12.7	17.2	23.0	39.9	24.8
Central African Republic	2003 ^b	43.6	2.1	5.2	9.4	14.3	21.7	49.4	33.0
Chad	2003 ^b	39.8	2.6	6.3	10.4	15.0	21.8	46.6	30.8
Chile	2009 ^d	22.6	3.1	8.6	15.5	20.2	24.7	30.9	16.5
China	2005 ^d	41.5	2.4	5.7	9.8	14.7	22.0	47.8	31.4
Hong Kong SAR, China	1996 ^d	43.4	2.0	5.3	9.4	13.9	20.7	50.7	34.9
Colombia	2006 ^d	58.5	0.9	2.5	6.0	10.7	18.7	62.1	46.2
Congo, Dem. Rep.	2006 ^b	44.4	2.3	5.5	9.2	13.8	20.9	50.6	34.7
Congo, Rep.	2005 ^b	47.3	2.1	5.0	8.4	13.0	20.5	53.1	37.1
Costa Rica	2009 ^d	50.3	1.7	4.2	7.8	12.5	20.1	55.4	39.4
Côte d'Ivoire	2008 ^b	41.5	2.2	5.6	10.1	14.9	21.8	47.6	31.8
Croatia	2008 ^b	33.7	3.3	8.1	12.2	16.2	21.6	42.0	27.5
Cuba		..	..	..	..	..	..	..	..
Czech Republic	1996 ^d	25.8	4.3	10.2	14.3	17.5	21.7	36.2	22.7
Denmark	1997 ^d	24.7	2.6	8.3	14.7	18.2	22.9	35.8	21.3
Dominican Republic	2007 ^d	48.4	1.7	4.4	8.4	13.1	20.5	53.6	37.8
Ecuador	2009 ^d	49.0	1.6	4.2	8.3	13.2	20.4	53.9	38.3
Egypt, Arab Rep.	2005 ^b	32.1	3.9	9.0	12.6	16.1	20.9	41.5	27.6
El Salvador	2007 ^d	46.9	1.6	4.3	9.0	13.9	20.9	51.9	36.3
Eritrea		..	..	..	..	..	..	..	..
Estonia	2004 ^b	36.0	2.7	6.8	11.6	16.2	22.5	43.0	27.7
Ethiopia	2005 ^b	29.8	4.1	9.3	13.2	16.8	21.4	39.4	25.6
Finland	2000 ^d	26.9	4.0	9.6	14.1	17.5	22.1	36.7	22.6
France	1995 ^d	32.7	2.8	7.2	12.6	17.2	22.8	40.2	25.1
Gabon	2005 ^b	41.5	2.5	6.1	10.1	14.6	21.2	47.9	32.7
Gambia, The	2003 ^b	47.3	2.0	4.8	8.6	13.2	20.6	52.8	36.9
Georgia	2008 ^b	41.3	2.0	5.3	10.3	15.2	22.1	47.2	31.3
Germany	2000 ^d	28.3	3.2	8.5	13.7	17.8	23.1	36.9	22.1
Ghana	2006 ^b	42.8	1.9	5.2	9.8	14.8	21.9	48.3	32.5
Greece	2000 ^d	34.3	2.5	6.7	11.9	16.8	23.0	41.5	26.0
Guatemala	2006 ^d	53.7	1.3	3.4	7.2	12.0	19.5	57.8	42.4
Guinea	2007 ^b	39.4	2.7	6.4	10.5	15.1	21.9	46.2	30.3
Guinea-Bissau	2002 ^b	35.5	2.9	7.2	11.6	16.0	22.1	43.0	28.0
Haiti	2001 ^d	59.5	0.9	2.5	5.9	10.5	18.1	63.0	47.8
Honduras	2007 ^d	57.7	0.6	2.0	6.0	11.3	20.0	60.8	43.8

Distribution of income or consumption

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PEOPLE

	Survey year	Gini Index	Percentage share of income or consumption ^a						
			Lowest 10%	Lowest 20%	Second 20%	Third 20%	Fourth 20%	Highest 20%	Highest 10%
Hungary	2007 ^b	31.2	3.5	8.4	12.9	16.9	22.0	39.9	25.4
India	2005 ^b	36.8	3.6	8.1	11.3	14.9	20.4	45.3	31.1
Indonesia	2009 ^b	36.8	3.3	7.6	11.3	15.1	21.1	44.9	29.9
Iran, Islamic Rep.	2005 ^b	38.3	2.6	6.4	10.9	15.6	22.2	45.0	29.6
Iraq		..	..	..	..	..	..	..	..
Ireland	2000 ^d	34.3	2.9	7.4	12.3	16.3	21.9	42.0	27.2
Israel	2001 ^d	39.2	2.1	5.7	10.5	15.9	23.0	44.9	28.8
Italy	2000 ^d	36.0	2.3	6.5	12.0	16.8	22.8	42.0	26.8
Jamaica	2004 ^b	45.5	2.1	5.2	9.0	13.8	20.9	51.2	35.6
Japan	1993 ^d	24.9	4.8	10.6	14.2	17.6	22.0	35.7	21.7
Jordan	2006 ^b	37.7	3.0	7.2	11.1	15.2	21.1	45.4	30.7
Kazakhstan	2007 ^b	30.9	3.8	8.7	12.8	16.7	22.0	39.9	25.2
Kenya	2005 ^b	47.7	1.8	4.7	8.8	13.3	20.3	53.0	37.8
Korea, Dem. Rep.		..	..	..	..	..	..	..	..
Korea, Rep.	1998 ^d	31.6	2.9	7.9	13.6	18.0	23.1	37.5	22.5
Kosovo		..	..	..	..	..	..	..	..
Kuwait		..	..	..	..	..	..	..	..
Kyrgyz Republic	2007 ^b	33.4	4.1	8.8	11.8	15.5	21.2	42.8	27.9
Lao PDR	2008 ^b	36.7	3.3	7.6	11.3	15.3	20.9	44.8	30.3
Latvia	2008 ^b	35.7	2.7	6.8	11.7	16.3	22.4	42.9	27.6
Lebanon		..	..	..	..	..	..	..	..
Lesotho	2003 ^b	52.5	1.0	3.0	7.2	12.5	21.0	56.4	39.4
Liberia	2007 ^b	52.6	2.4	6.4	11.4	15.7	21.6	45.0	30.1
Libya		..	..	..	..	..	..	..	..
Lithuania	2008 ^b	37.6	2.6	6.6	11.1	15.7	22.1	44.4	29.1
Macedonia, FYR	2008 ^b	44.2	2.2	5.4	9.3	14.0	21.0	50.3	34.5
Madagascar	2005 ^b	47.2	2.6	6.2	9.6	13.1	17.7	53.5	41.5
Malawi	2004 ^b	39.0	2.9	7.0	10.8	14.9	20.9	46.4	31.7
Malaysia	2009 ^d	46.2	1.8	4.5	8.7	13.7	21.6	51.5	34.7
Maldives	2004 ^b	37.4	2.7	6.5	10.9	15.7	22.7	44.2	28.0
Mali	2006 ^b	39.0	2.7	6.5	10.7	15.2	21.6	46.0	30.5
Mauritania	2000 ^b	39.0	2.5	6.2	10.5	15.4	22.3	45.7	29.6
Mauritius		..	..	..	..	..	..	..	..
Mexico	2008 ^d	51.7	1.5	3.9	7.9	12.5	19.4	56.2	41.4
Micronesia	2000 ^b	61.1	0.4	1.6	5.2	10.2	19.1	64.0	47.1
Moldova	2008 ^b	38.0	2.9	6.8	10.9	15.4	21.7	45.3	29.8
Mongolia	2008 ^b	36.5	3.0	7.1	11.2	15.6	22.1	44.0	28.4
Montenegro	2008 ^b	30.0	3.6	8.5	13.1	17.2	22.4	38.8	24.1
Morocco	2007 ^b	40.9	2.7	6.5	10.5	14.5	20.6	47.9	33.2
Mozambique	2008 ^b	45.6	1.9	5.2	9.5	13.7	20.1	51.5	36.7
Myanmar		..	..	..	..	..	..	..	..
Namibia	1993 ^d	74.3	0.6	1.5	2.8	5.5	12.0	78.3	65.0
Nepal	2004 ^b	47.3	2.7	6.1	8.9	12.5	18.4	54.2	40.4
Netherlands	1999 ^d	30.9	2.5	7.6	13.2	17.2	23.3	38.7	22.9
New Zealand	1997 ^d	36.2	2.2	6.4	11.4	15.8	22.6	43.8	27.8
Nicaragua	2005 ^d	52.3	1.4	3.8	7.7	12.3	19.4	56.9	41.8
Niger	2007 ^b	34.0	3.7	8.3	12.0	15.8	21.1	42.8	28.5
Nigeria	2004 ^b	42.9	2.0	5.1	9.7	14.7	21.9	48.6	32.4
Norway	2000 ^d	25.8	3.9	9.6	14.0	17.2	22.0	37.2	23.4
Oman		..	..	..	..	..	..	..	..
Pakistan	2006 ^b	32.7	4.0	9.0	12.4	15.8	20.7	42.1	28.3
Panama	2009 ^d	52.3	1.3	3.6	7.4	12.2	20.1	56.8	40.6
Papua New Guinea	1996 ^b	50.9	1.9	4.5	7.7	12.1	19.3	56.4	40.9
Paraguay	2008 ^d	52.0	1.4	3.8	7.7	12.4	19.7	56.5	41.0
Peru	2009 ^d	48.0	1.4	3.9	8.4	13.6	21.5	52.6	35.9
Philippines	2006 ^b	44.0	2.4	5.6	9.1	13.7	21.2	50.4	33.9
Poland	2008 ^b	34.2	3.2	7.6	12.0	16.3	22.0	42.2	27.2



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Distribution of income or consumption

	Survey year	Gini Index	Percentage share of Income or consumption ^a						
			Lowest 10%	Lowest 20%	Second 20%	Third 20%	Fourth 20%	Highest 20%	Highest 10%
Portugal	1997 ^d	38.5	2.0	5.8	11.0	15.5	21.9	45.9	29.8
Puerto Rico		..	..	..	..	..	..	..	..
Qatar	2007 ^b	41.1	1.3	3.9	..	..	..	52.0	35.9
Romania	2008 ^b	31.2	3.3	8.1	12.8	17.1	22.7	39.3	24.5
Russian Federation	2008 ^b	42.3	2.6	6.0	9.8	14.3	20.9	48.9	33.5
Rwanda	2005 ^b	53.1	1.7	4.2	7.7	11.7	18.2	58.2	44.0
São Tomé & Príncipe	2000 ^b	50.8	2.2	5.2	8.5	12.2	17.7	56.4	43.6
Saudi Arabia		..	..	..	..	..	..	..	..
Senegal	2005 ^b	39.2	2.5	6.2	10.6	15.3	22.0	45.9	30.1
Serbia	2008 ^b	28.2	3.9	9.1	13.5	17.5	22.5	37.4	22.8
Seychelles	2007 ^b	19.0	4.7	10.8	15.7	19.9	24.2	29.4	15.4
Sierra Leone	2003 ^b	42.5	2.6	6.1	9.7	14.0	20.9	49.3	33.6
Singapore	1998 ^d	42.5	1.9	5.0	9.4	14.6	22.0	49.0	32.8
Slovak Republic	1996 ^d	25.8	3.1	8.8	14.9	18.6	22.9	34.8	20.8
Slovenia	2004 ^b	31.2	3.4	8.2	12.8	17.0	22.6	39.4	24.6
Somalia		..	..	..	..	..	..	..	..
South Africa	2000 ^b	57.8	1.3	3.1	5.6	9.9	18.8	62.7	44.9
Spain	2000 ^d	34.7	2.6	7.0	12.1	16.4	22.5	42.0	26.6
Sri Lanka	2007 ^b	40.3	3.1	6.9	10.4	14.4	20.5	47.8	32.9
Sudan		..	..	..	..	..	..	..	..
Swaziland	2001 ^b	50.7	1.8	4.5	8.0	12.3	19.4	55.9	40.8
Sweden	2000 ^d	25.0	3.6	9.1	14.0	17.6	22.7	36.6	22.2
Switzerland	2000 ^d	33.7	2.9	7.6	12.2	16.3	22.6	41.3	25.9
Syrian Arab Republic	2004 ^b	35.8	3.4	7.7	11.4	15.5	21.4	43.9	28.9
Tajikistan	2007 ^b	29.4	4.0	9.3	13.4	16.7	21.5	39.0	25.2
Tanzania	2007 ^b	37.6	2.8	6.8	11.1	15.6	21.7	44.8	29.6
Thailand	2009 ^b	53.6	1.6	3.9	7.0	11.4	19.2	58.6	42.6
Timor-Leste	2007 ^b	31.9	4.0	9.0	12.5	16.1	21.2	41.3	27.0
Togo	2006 ^b	34.4	2.0	5.4	10.3	15.2	22.0	47.1	31.3
Trinidad and Tobago	1992 ^d	40.3	2.1	5.5	10.3	15.5	22.7	45.9	29.9
Tunisia	2000 ^b	40.8	2.4	5.9	10.2	14.9	21.8	47.2	31.6
Turkey	2008 ^b	39.7	2.1	5.7	10.8	15.6	22.1	45.8	30.3
Turkmenistan	1998 ^b	40.8	2.5	6.0	10.2	14.9	21.7	47.2	31.8
Uganda	2009 ^b	44.3	2.4	5.8	9.6	13.8	20.0	50.7	36.1
Ukraine	2008 ^b	27.5	4.1	9.4	13.6	17.5	22.5	37.1	22.6
United Arab Emirates		..	..	..	..	..	..	..	..
United Kingdom	1999 ^d	36.0	2.1	6.1	11.4	16.0	22.5	44.0	28.5
United States	2000 ^d	40.8	1.9	5.4	10.7	15.7	22.4	45.8	29.9
Uruguay	2009 ^d	42.4	2.3	5.6	9.8	14.5	21.4	48.6	32.9
Uzbekistan	2003 ^b	36.7	2.9	7.1	11.5	15.7	21.5	44.2	29.5
Venezuela, RB	2006 ^d	43.5	1.9	4.9	9.6	14.7	21.8	49.0	33.0
Vietnam	2008 ^b	37.6	3.2	7.3	10.9	15.1	21.3	45.4	30.2
West Bank and Gaza		..	..	..	..	..	..	..	..
Yemen, Rep.	2005 ^b	37.7	2.9	7.2	11.3	15.3	21.0	45.3	30.8
Zambia	2004 ^b	50.7	1.3	3.6	7.8	12.8	20.6	55.2	38.9
Zimbabwe	1995 ^b	50.1	1.8	4.6	8.1	12.2	19.3	55.7	40.3

a. Percentage shares by quintile may not sum to 100 percent because of rounding. b. Refers to expenditure shares by percentiles of population, ranked by per capita expenditure. c. Covers urban areas only. d. Refers to income shares by percentiles of population, ranked by per capita income.

Distribution of income or consumption

2.9

About the data

Inequality in the distribution of income is reflected in the percentage shares of income or consumption accruing to portions of the population ranked by income or consumption levels. The portions ranked lowest by personal income receive the smallest shares of total income. The Gini Index provides a convenient summary measure of the degree of inequality. Data on the distribution of income or consumption come from nationally representative household surveys. Where the original data from the household survey were available, they have been used to directly calculate the income or consumption shares by quintile. Otherwise, shares have been estimated from the best available grouped data.

The distribution data have been adjusted for household size, providing a more consistent measure of per capita income or consumption. No adjustment has been made for spatial differences in cost of living within countries, because the data needed for such calculations are generally unavailable. For further details on the estimation method for low- and middle-income economies, see Ravallion and Chen (1996).

Because the underlying household surveys differ in method and type of data collected, the distribution data are not strictly comparable across countries. These problems are diminishing as survey methods improve and become more standardized, but achieving strict comparability is still impossible (see *About the data* for tables 2.7 and 2.8).

Two sources of non-comparability should be noted in particular. First, the surveys can differ in many respects, including whether they use income or consumption expenditure as the living standard indicator. The distribution of income is typically more unequal than the distribution of consumption. In addition, the definitions of income used differ more often among surveys. Consumption is usually a much better welfare indicator, particularly in developing countries. Second, households differ in size (number of members) and in the extent of income sharing among members. And individuals differ in age and consumption needs. Differences among countries in these respects may bias comparisons of distribution.

World Bank staff have made an effort to ensure that the data are as comparable as possible. Wherever possible, consumption has been used rather than income. Income distribution and Gini indexes for high-income economies are calculated directly from the Luxembourg Income Study database, using an estimation method consistent with that applied for developing countries.

Definitions

• **Survey year** is the year in which the underlying data were collected. • **Gini index** measures the extent to which the distribution of income (or consumption expenditure) among individuals or households within an economy deviates from a perfectly equal distribution. A Lorenz curve plots the cumulative percentages of total income received against the cumulative number of recipients, starting with the poorest individual. The Gini Index measures the area between the Lorenz curve and a hypothetical line of absolute equality, expressed as a percentage of the maximum area under the line. Thus a Gini index of 0 represents perfect equality, while an index of 100 implies perfect inequality. • **Percentage share of income or consumption** is the share of total income or consumption that accrues to subgroups of population indicated by deciles or quintiles.

Data sources

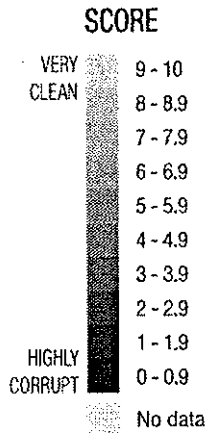
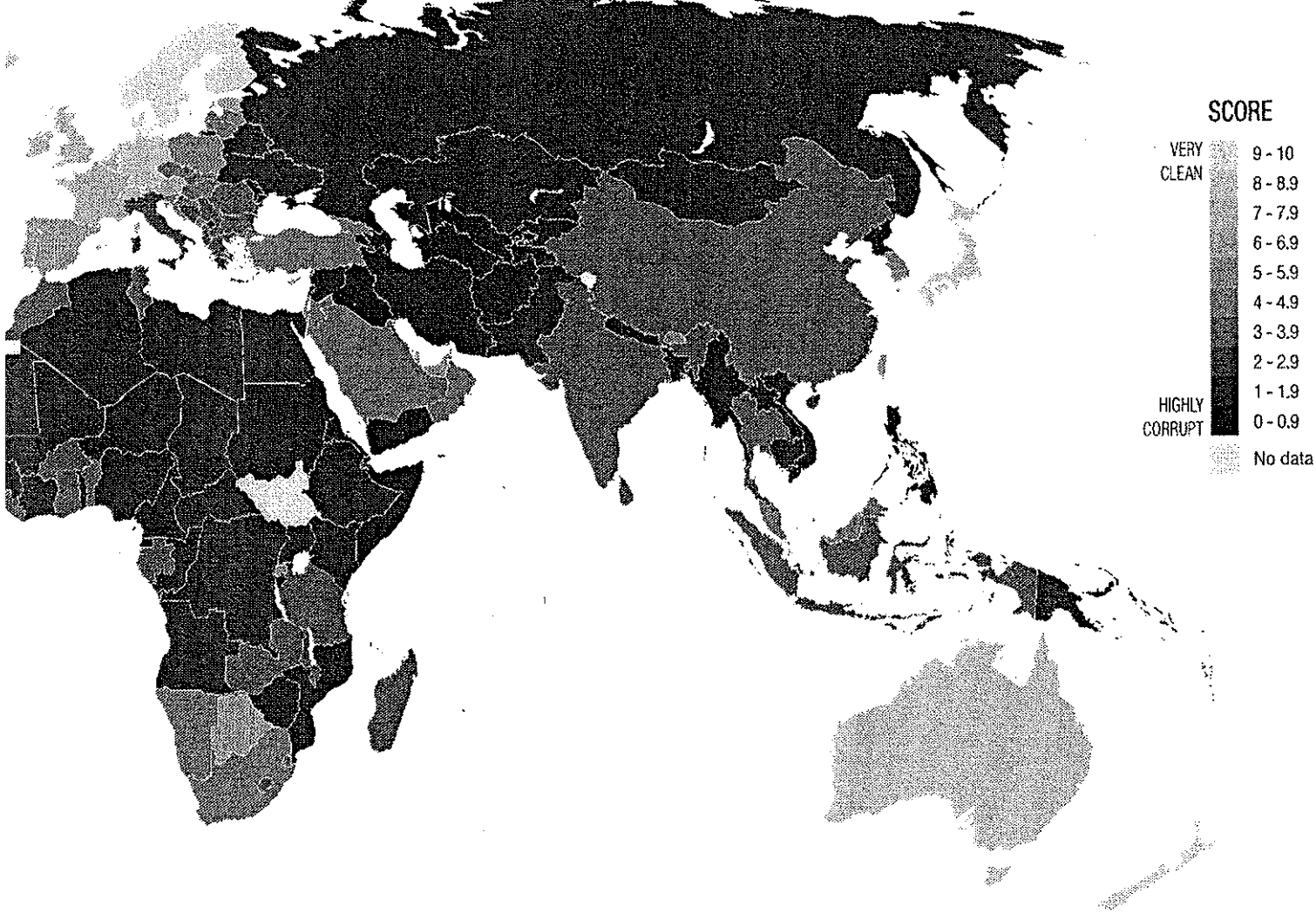
Data on distribution are compiled by the World Bank's Development Research Group using primary household survey data obtained from government statistical agencies and World Bank country departments. Data for high-income economies are from the Luxembourg Income Study database.

CORRUPTION PERCEPTIONS INDEX 2011

THE PERCEIVED LEVELS OF PUBLIC-SECTOR CORRUPTION IN 183 COUNTRIES/TERRITORIES AROUND THE WORLD



RANK	COUNTRY/TERRITORY	SCORE	RANK	COUNTRY/TERRITORY	SCORE	RANK	COUNTRY/TERRITORY	SCORE
1	New Zealand	9.5	25	France	7.0	76	Mauritius	5.1
2	Denmark	9.4	25	Saint Lucia	7.0	77	Rwanda	5.0
2	Finland	9.4	25	Uruguay	7.0	78	Costa Rica	4.8
4	Sweden	9.3	26	United Arab Emirates	6.8	79	Lithuania	4.8
5	Singapore	9.2	27	Estonia	6.4	80	Oman	4.8
6	Norway	9.0	28	Cyprus	6.3	81	Seychelles	4.8
7	Netherlands	8.9	29	Spain	6.2	82	Hungary	4.6
8	Australia	8.8	30	Botswana	6.1	83	Kuwait	4.6
8	Switzerland	8.8	31	Portugal	6.1	84	Jordan	4.5
10	Canada	8.7	32	Taiwan	6.1	85	Czech Republic	4.4
11	Luxembourg	8.5	33	Slovenia	5.9	86	Namibia	4.4
12	Hong Kong	8.4	34	Israel	5.8	87	Saudi Arabia	4.4
13	Iceland	8.3	35	Saint Vincent and the Grenadines	5.8	88	Malaysia	4.3
14	Germany	8.0	36	Bhutan	5.7	89	Cuba	4.2
14	Japan	8.0	37	Malta	5.6	90	Latvia	4.2
16	Austria	7.8	38	Puerto Rico	5.6	91	Turkey	4.2
16	Barbados	7.8	39	Cape Verde	5.5	92	Georgia	4.1
16	United Kingdom	7.8	40	Poland	5.5	93	South Africa	4.1
19	Belgium	7.5	41	Korea (South)	5.4	94	Croatia	4.0
19	Ireland	7.5	42	Brunei	5.2	95	Montenegro	4.0
21	Bahamas	7.3	43	Dominica	5.2	96	Slovakia	4.0
22	Chile	7.2	44	Bahrain	5.1	97	Ghana	3.9
22	Qatar	7.2	45	Macau	5.1	98	Italy	3.9
24	United States	7.1	46			99	FYR Macedonia	3.9
						100	Samoa	
							Brazil	
							Tunisia	
							China	
							Romania	
							Gambia	
							Lesotho	
							Vanuatu	
							Colombia	
							El Salvador	
							Greece	
							Morocco	
							Peru	
							Thailand	
							Bulgaria	
							Jamaica	
							Panama	
							Serbia	
							Sri Lanka	
							Bosnia and Herzegovine	
							Liberia	
							Trinidad and Tobago	
							Zambia	
							Albania	



RANK COUNTRY/TERRITORY SCORE

95	India	3.1
95	Kiribati	3.1
95	Swaziland	3.1
95	Tonga	3.1
100	Argentina	3.0
100	Benin	3.0
100	Burkina Faso	3.0
100	Djibouti	3.0
100	Gabon	3.0
100	Indonesia	3.0
100	Madagascar	3.0
100	Malawi	3.0
100	Mexico	3.0
100	Sao Tome and Principe	3.0
100	Suriname	3.0
100	Tanzania	3.0
112	Algeria	2.9
112	Egypt	2.9
112	Kosovo	2.9
112	Moldova	2.9
112	Senegal	2.9
112	Vietnam	2.9
118	Bolivia	2.8
118	Mali	2.8

RANK COUNTRY/TERRITORY SCORE

120	Bangladesh	2.7
120	Ecuador	2.7
120	Ethiopia	2.7
120	Guatemala	2.7
120	Iran	2.7
120	Kazakhstan	2.7
120	Mongolia	2.7
120	Mozambique	2.7
120	Solomon Islands	2.7
129	Armenia	2.6
129	Dominican Republic	2.6
129	Honduras	2.6
129	Philippines	2.6
129	Syria	2.6
134	Cameroon	2.5
134	Eritrea	2.5
134	Guyana	2.5
134	Lebanon	2.5
134	Maldives	2.5
134	Nicaragua	2.5
134	Niger	2.5
134	Pakistan	2.5
134	Sierra Leone	2.5
143	Azerbaijan	2.4

RANK COUNTRY/TERRITORY SCORE

143	Belarus	2.4
143	Comoros	2.4
143	Mauritania	2.4
143	Nigeria	2.4
143	Russia	2.4
143	Timor-Leste	2.4
143	Togo	2.4
143	Uganda	2.4
152	Tajikistan	2.3
152	Ukraine	2.3
154	Central African Republic	2.2
154	Congo Republic	2.2
154	Côte d'Ivoire	2.2
154	Guinea-Bissau	2.2
154	Kenya	2.2
154	Laos	2.2
154	Nepal	2.2
154	Papua New Guinea	2.2
154	Paraguay	2.2
164	Zimbabwe	2.2
164	Cambodia	2.1
164	Guinea	2.1
164	Kyrgyzstan	2.1
164	Yemen	2.1

RANK COUNTRY/TERRITORY SCORE

168	Angola	2.0
168	Chad	2.0
168	Democratic Republic of the Congo	2.0
168	Libya	2.0
172	Burundi	1.9
172	Equatorial Guinea	1.9
172	Venezuela	1.9
175	Haiti	1.8
175	Iraq	1.8
177	Sudan	1.6
177	Turkmenistan	1.6
177	Uzbekistan	1.6
180	Afghanistan	1.5
180	Myanmar	1.5
182	Korea (North)	1.0
182	Somalia	1.0

Rule of Law

Reflects perceptions of the extent to which agents have confidence in and abide by the rules of society, and in particular the quality of contract enforcement, property rights, the police, and the courts, as well as the likelihood of crime and violence.

Legend

Estimate Estimate of governance (ranges from approximately -2.5 (weak) to 2.5 (strong) governance performance)

StdErr Standard error reflects variability around the point estimate of governance.

NumSrc Number of data sources on which estimate is based

Rank Percentile rank among all countries (ranges from 0 (lowest) to 100 (highest) rank)

Lower Lower bound of 90% confidence interval for governance, in percentile rank terms

Upper Upper bound of 90% confidence interval for governance, in percentile rank terms

The governance indicators presented here reflect the statistical compilation of responses on the quality of governance given by a large number of enterprise, citizen and expert survey respondents in industrial and developing countries, as reported by a number of survey institutes, think tanks, non-governmental organizations, and international organizations. The aggregate indicators do not reflect the official views of the World Bank, its Executive Directors, or the countries they represent.

		2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	2010	
Country	WBCode	Estimate	StdErr	NumSrc	Rank	Lower	Upper	Estimate	StdErr	NumSrc	Rank	Lower	Upper	Estimate	StdErr	NumSrc	Rank	Lower	Upper
AFGHANISTAN	AFG	-1.905712	0.183828	9	0.473934	0.471698	2.358491	-1.897624	0.180381	9	0.473934	0.471698	2.830189						
ALBANIA	ALB	-0.53286	0.141525	13	36.96682	25.4717	46.22642	-0.437525	0.135611	14	40.75829	30.66038	48.11321						
ALGERIA	DZA	-0.763901	0.140349	14	25.59242	16.98113	36.79245	-0.758924	0.136757	14	27.01422	17.45283	35.37736						
AMERICAN SAMOA	ASM	1.16895	0.382633	1	86.25592	65.56604	96.69811	1.158215	0.40479	1	85.30806	64.62264	97.16981						
ANDORRA	ADO	1.249716	0.348762	2	87.61773	68.39623	97.64151	1.231891	0.372366	2	87.20379	66.98113	97.64151						
ANGOLA	AGO	-1.226485	0.145075	14	10.42654	4.245283	16.98113	-1.24378	0.135643	15	9.004739	4.245283	16.50943						
ANGUILLA	AIA	1.437842	0.382633	1	89.57346	73.58491	100	1.422531	0.40479	1	89.57346	71.69811	100						
ANTIGUA AND BARBUDA	ATG	1.004717	0.340076	3	82.46445	62.73585	91.50943	0.984909	0.362775	3	80.56872	63.20755	91.03774						
ARGENTINA	ARG	-0.667907	0.134605	17	30.80569	20.28302	41.03774	-0.57566	0.133429	17	32.70142	25.4717	44.39962						
ARMENIA	ARM	-0.456028	0.132999	15	40.28436	29.71698	48.58491	0.470497	0.13524	15	39.81043	29.71698	47.64151						
ARUBA	ABW	1.416676	0.22994	2	89.09953	82.54717	96.69811	1.42243	0.226793	3	89.09953	83.49057	96.22642						
AUSTRALIA	AUS	1.737847	0.156389	10	95.26066	90.09434	100	1.7702	0.155752	10	95.26066	90.09434	100						
AUSTRIA	AUT	1.77709	0.156389	10	96.20853	91.03774	100	1.795949	0.155752	10	96.68246	90.56604	100						
AZERBAIJAN	AZE	-0.860067	0.132718	15	21.32701	15.56604	32.07547	-0.882899	0.128511	15	21.80095	12.73585	30.18868						
BAHAMAS	BHS	0.780618	0.190741	6	72.03791	63.20755	83.96226	0.680417	0.187552	6	68.72038	62.26415	81.13208						
BAHRAIN	BHR	0.497795	0.160514	11	64.45498	60.84906	70.75472	0.449222	0.157632	11	64.45498	60.84906	70.28302						
BANGLADESH	BGD	-0.76292	0.145017	15	26.06635	16.98113	37.73585	-0.768462	0.141163	15	26.54028	17.45283	35.37736						
BARBADOS	BRB	0.969615	0.184204	6	80.56872	68.39623	87.73585	1.035851	0.182916	6	82.93839	71.22642	88.20755						
BELARUS	BLR	-1.006191	0.145886	12	16.58768	8.490566	25.4717	-1.045732	0.140844	12	14.69194	8.490566	24.5283						
BELGIUM	BEL	1.382274	0.156389	10	88.62559	84.43396	92.45283	1.399358	0.156752	10	88.62559	83.49057	92.45283						
BELIZE	BLZ	-0.368993	0.171768	9	44.07583	31.60377	52.35849	-0.364575	0.16516	9	43.6019	31.13208	51.88679						

BENIN	BEN	-0.70084	0.14115	13	29.38389	17.92453	40.09434	-0.73149	0.137677	13	27.96209	17.92453	36.79245
BERMUDA	BMU	0.90059	0.382633	1	78.19905	61.32075	91.03774	1.158215	0.40479	1	85.30806	64.62264	97.16981
BHUTAN	BTN	0.17722	0.169975	9	60.18957	52.35849	62.73585	0.106913	0.16301	9	58.76777	50.4717	62.26415
BOLIVIA	BOL	-1.14676	0.141225	15	13.27014	4.716981	18.86792	-1.06493	0.137572	16	13.27014	8.490566	24.0566
BOSNIA-HERZEGOVIN	BIH	-0.34928	0.14224	13	45.0237	34.90566	52.35849	-0.36433	0.137684	13	44.07583	32.54717	50.9434
BOTSWANA	BWA	0.656568	0.138789	14	67.77251	62.73585	75.4717	0.663411	0.135605	14	67.77251	64.15094	76.41509
BRAZIL	BRA	-0.20832	0.134605	17	50.23697	42.45283	55.18868	0.00202	0.133429	17	55.45024	48.11321	61.32075
BRUNEI	BRN	0.790043	0.195514	6	72.98578	63.20755	84.43396	0.796983	0.198968	6	73.45972	64.62264	83.49057
BULGARIA	BGR	-0.04897	0.128937	15	54.02844	46.69811	59.90566	-0.08013	0.125987	15	53.08057	47.16981	59.90566
BURKINA FASO	BFA	-0.22841	0.137929	15	47.8673	40.56604	54.71698	-0.21393	0.134089	15	48.34123	41.03774	55.66038
BURUNDI	BDI	-1.16181	0.152102	12	11.84834	4.716981	19.33962	-1.21121	0.148552	12	9.952607	4.245283	17.92453
CAMBODIA	KHM	-1.08292	0.147717	14	15.16588	5.188679	22.16981	-1.08761	0.143505	14	12.79621	6.132075	23.58491
CAMEROON	CMR	-1.10664	0.140619	14	13.74408	5.188679	21.22642	-1.04365	0.137212	14	15.16588	8.490566	24.5283
CANADA	CAN	1.79041	0.152728	12	96.68246	91.03774	100	1.789069	0.151813	12	96.20853	90.56604	100
CAPE VERDE	CPV	0.477712	0.159945	8	63.98104	60.84906	70.75472	0.417781	0.14928	9	63.98104	60.37736	67.45283
CAYMAN ISLANDS	CYM	0.896384	0.22994	2	76.30332	65.09434	87.73585	0.887062	0.229081	2	76.77725	65.09434	87.28415
CENTRAL AFRICAN REP	CAF	-1.29894	0.151678	10	6.161137	2.830189	16.50943	-1.30192	0.14673	10	6.635071	2.830189	14.15094
CHAD	TCD	-1.51248	0.1449	12	3.317536	1.886792	6.603774	-1.50133	0.140841	12	3.791469	1.415094	8.490566
CHILE	CHL	1.241677	0.13597	15	87.20379	82.54717	90.09434	1.289908	0.136018	15	87.67773	83.49057	90.09434
CHINA	CHN	-0.3447	0.140033	15	45.49763	34.90566	52.35849	-0.34684	0.137081	15	44.54976	33.01887	51.41509
COLOMBIA	COL	-0.41174	0.134605	17	42.65403	32.54717	50.4717	-0.3327	0.133429	17	45.0237	33.96226	51.41509
COMOROS	COM	-1.15189	0.201297	7	12.79621	3.773585	22.16981	-1.06097	0.192154	8	13.74408	4.716981	27.83019
CONGO	COG	-1.15944	0.148018	12	12.32227	4.716981	18.86792	-1.13301	0.142925	12	12.32227	5.188679	21.22642
Congo, Dem. Rep.	ZAR	-1.63219	0.146977	13	1.895735	0.943396	4.716981	-1.61195	0.141154	13	2.369668	0.943396	4.716981
COOK ISLANDS	COK	-0.71036	0.847354	1	28.90995	0.471698	69.33962	-0.90024	0.74049	1	20.85308	0.471698	62.26415
COSTA RICA	CRI	0.538929	0.149683	13	65.40284	61.32075	72.64151	0.501936	0.149831	13	64.92891	62.26415	71.69811
COTE D'IVOIRE	CIV	-1.24129	0.141422	14	8.530806	3.773585	16.50943	-1.21794	0.137007	14	9.478673	4.716981	17.45283
CROATIA	HRV	0.147923	0.136967	13	58.76777	52.83019	62.26415	0.186262	0.13393	13	60.66351	54.71698	63.20755
CUBA	CUB	-0.56577	0.17036	9	35.54502	22.16981	46.22642	-0.55025	0.166842	9	34.12322	24.5283	47.16981
CYPRUS	CYP	1.185718	0.164275	9	86.72986	78.30189	90.09434	1.188295	0.162455	9	86.25592	79.71698	89.62264
CZECH REPUBLIC	CZE	0.958973	0.13834	13	80.09479	70.75472	86.79245	0.952991	0.13445	14	80.09479	71.22642	85.37736
DENMARK	DNK	1.896422	0.156389	10	98.5782	92.45283	100	1.87815	0.155752	10	98.5782	91.98113	100
DJIBOUTI	DJI	-0.64517	0.163984	9	31.75355	18.86792	42.92453	-0.71481	0.158043	9	28.90995	17.92453	40.56604
DOMINICA	DMA	0.702116	0.223988	4	69.66825	61.79245	83.49057	0.686793	0.217461	4	69.66825	62.26415	83.49057
DOMINICAN REPUBLIC	DOM	-0.76957	0.142148	14	25.11848	16.98113	36.79245	-0.80716	0.140686	14	24.64455	15.56604	32.54717
ECUADOR	ECU	-1.20836	0.139536	16	10.90047	4.245283	16.98113	-1.16628	0.137572	16	11.84834	4.716981	18.39623
EGYPT	EGY	-0.05806	0.139726	15	53.5545	46.22642	59.90566	-0.10897	0.135643	15	51.65877	45.28302	59.90566
EL SALVADOR	SLV	-0.80333	0.149882	14	22.27488	16.50943	36.32075	-0.87121	0.14811	14	22.74882	12.73585	31.60377
EQUATORIAL GUINEA	GNO	-1.23966	0.165529	7	9.004739	3.773585	17.45283	-1.259	0.158445	8	8.530806	2.830189	17.45283
ERITREA	ERI	-1.24716	0.160733	10	8.056872	3.773585	16.98113	-1.29155	0.153961	10	8.056872	2.830189	15.56604
ESTONIA	EST	1.110476	0.138734	13	84.36019	75.4717	88.20755	1.148427	0.135778	13	83.88626	79.71698	88.20755
ETHIOPIA	ETH	-0.78087	0.139726	15	24.64455	16.50943	36.32075	-0.75556	0.135643	15	27.48815	17.45283	35.37736
FIJI	FJI	-0.7584	0.219206	6	26.54028	13.67925	42.92453	-0.9033	0.211221	6	19.90521	8.962264	33.96226
FINLAND	FIN	1.964441	0.156389	10	100	93.86792	100	1.9711	0.155752	10	100	93.39623	100

LIECHTENSTEIN	LIE	1.603633	0.221924	3	92.41706	86.79245	100	1.618075	0.222692	3	91.94313	87.26415	100
LITHUANIA	LTU	0.709232	0.13675	14	70.61611	64.15094	79.71698	0.760096	0.13445	14	72.03791	65.56604	80.18868
LUXEMBOURG	LUX	1.811349	0.1684	9	97.63033	91.03774	100	1.82466	0.168916	9	97.63033	90.56604	100
MACAO SAR, CHINA	MAC	0.682871	0.202559	4	69.19431	61.79245	82.54717	0.707913	0.197278	4	70.14218	62.73585	82.54717
MADONIA	MKD	-0.26953	0.142898	12	46.4455	37.73585	54.24528	-0.29469	0.138489	12	46.91943	35.37736	54.24528
MADAGASCAR	MDG	-0.7214	0.138789	14	27.48815	17.92453	38.20755	-0.84253	0.134089	15	23.69668	13.67925	31.60377
MALAWI	MWI	-0.11632	0.144097	15	52.1327	44.33962	58.49057	-0.13906	0.140693	15	50.7109	43.39623	57.54717
MALAYSIA	MYS	0.470915	0.141741	14	63.50711	60.84906	69.81132	0.510427	0.137081	15	65.40284	62.26415	71.22642
MALDIVES	MDV	-0.16643	0.217199	7	51.18483	37.3585	60.37736	-0.32511	0.209828	7	45.49763	30.18868	56.13208
MALI	MLI	-0.37416	0.138789	14	43.12796	33.49057	51.88679	-0.46066	0.134089	15	40.28436	30.18868	47.64151
MALTA	MLT	1.513794	0.164275	9	90.99826	87.26415	96.22642	1.479688	0.162455	9	90.04739	86.79245	93.86792
MARSHALL ISLANDS	MHL	-0.24778	0.318669	4	46.91943	25	61.32075	-0.27327	0.297489	5	47.39336	26.88679	60.84906
MARTINIQUE	MTQ	0.900059	0.382633	1	78.19905	61.32075	91.03774	0.8939	0.40479	1	78.67299	61.32075	91.03774
MAURITANIA	MRT	-0.79786	0.143923	13	23.22275	16.50943	35.84906	-0.87562	0.139145	13	22.27488	12.73585	30.66038
MAURITIUS	MUS	0.933286	0.145262	11	79.62085	69.33962	86.32075	0.842228	0.141126	11	74.88152	66.50943	83.49057
MEXICO	MEX	-0.59201	0.134605	17	34.59716	22.16981	43.39623	-0.5602	0.133429	17	33.64929	26.41509	44.81132
MICRONESIA	FSM	0.112287	0.219561	6	58.29384	46.69811	63.67925	-0.07626	0.214022	6	53.5545	41.03774	62.26415
MOLDOVA	MDA	-0.47279	0.145186	13	39.81043	28.30189	47.16981	-0.39928	0.135611	14	42.65403	31.60377	50.4717
MONACO	MCO	0.99237	0.655107	1	81.99052	52.35849	100	0.896414	0.698216	1	79.62085	47.64151	100
MONGOLIA	MNG	-0.3108	0.146002	15	45.97156	36.32075	53.30189	-0.42556	0.142909	15	41.23223	30.66038	50
MONTENEGRO	MNE	0.05979	0.164646	11	55.92417	50	61.79245	-0.01506	0.138949	12	54.9763	47.64151	60.84906
MOZAMBIQUE	MOR	-0.21683	0.139726	15	49.2891	41.03774	55.18868	-0.18524	0.135643	16	36.96682	28.77358	47.16981
MOZAMBIQUE	MOZ	-0.59789	0.136354	16	33.64929	22.16981	43.39623	-0.50046	0.13281	16	30.23697	41.50943	56.13208
MYANMAR	MMR	-1.46936	0.18479	9	37.91469	1.415094	11.79245	-1.50146	0.180683	9	3.317536	1.415094	11.32075
NAMIBIA	NAM	0.251465	0.138789	14	61.13744	55.18868	64.15094	0.229734	0.136718	13	61.61137	55.66038	64.62264
NAURU	NRU	0.51548	0.606711	2	64.92891	39.15094	90.56604	0.41004	0.652344	2	63.50711	30.18868	90.09434
NEPAL	NPL	-0.91004	0.147717	14	19.43128	12.73585	31.13208	-1.02079	0.143505	14	16.11374	8.962264	25.9434
NETHERLANDS	NLD	1.802263	0.156389	10	97.1564	91.50943	100	1.8088	0.155752	10	97.1564	90.56604	100
NETHERLANDS ANTILANT	ANT	0.881713	0.371248	2	75.35545	61.32075	90.09434	0.8939	0.40479	1	78.67299	61.32075	91.03774
NEW CALEDONIA	NCL	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
NEW ZEALAND	NZL	1.924523	0.156389	10	99.05213	92.92453	100	1.862308	0.155752	10	98.10427	91.50943	100
NICARAGUA	NIC	-0.78963	0.139536	16	23.69668	16.50943	36.32075	-0.82779	0.137572	16	24.17062	14.15094	32.54717
NIGER	NER	-0.57273	0.148018	12	35.07109	22.16981	45.75472	-0.56826	0.142925	12	33.17536	25.4717	44.81132
NIGERIA	NGA	-1.19565	0.136354	16	11.37441	4.716981	17.45283	-1.20577	0.13281	16	10.90047	4.716981	17.45283
NIUE	NIU	-0.71036	0.847354	1	28.90995	0.471698	69.33962	-0.72413	0.74049	1	28.43602	0.471698	64.62264
NORWAY	NOR	1.895239	0.156389	10	98.10427	92.45283	100	1.925411	0.155752	10	99.05213	92.45283	100
OMAN	OMN	0.681942	0.162378	9	68.72038	62.26415	79.71698	0.669238	0.160529	9	68.24645	63.20755	79.71698
PAKISTAN	PAK	-0.88301	0.145017	15	20.37915	13.67925	32.07547	-0.78557	0.141163	15	25.59242	16.50943	33.96226
PALAU	PLW	0.840847	0.564152	3	74.40758	52.35849	95.75472	0.740997	0.604533	3	71.56398	47.64151	93.86792
PANAMA	PAN	-0.15531	0.142148	14	51.65877	42.92453	57.07547	-0.12056	0.140686	14	51.18483	44.33962	58.01887
PAPUA NEW GUINEA	PNG	-0.93064	0.16641	10	18.00948	11.32075	31.60377	-0.93237	0.161356	10	18.48341	11.32075	30.18868
PARAGUAY	PRY	-0.96553	0.141225	15	17.53555	11.32075	27.35849	-0.92034	0.138995	15	19.43128	12.26415	30.18868
PERU	PER	-0.67097	0.134605	17	30.33175	19.81132	41.03774	-0.61375	0.133429	17	32.22749	24.0566	42.92453
PHILIPPINES	PHL	-0.56075	0.140033	15	36.01896	23.58491	45.75472	-0.54158	0.137081	15	34.59716	26.88679	45.75472

POLAND	POL	0.128937	0.622929	0.128937	15	66.82464	62.26415	74.0566	0.686633	0.125987	15	69.19431	64.62264	76.88679
PORTUGAL	PRT	1.043503	0.156389	0.156389	10	82.93839	72.64151	88.20755	1.041145	0.155752	10	83.41232	73.11321	87.73585
PUERTO RICO	PRI	0.768834	0.209159	0.209159	4	71.56398	62.73585	84.43396	0.771804	0.211559	4	72.51185	64.15094	83.49057
QATAR	QAT	0.932068	0.152115	0.152115	12	79.14692	68.39623	86.32075	0.867918	0.151764	12	75.82938	66.98113	83.49057
REUNION	REU	0.900059	0.382633	0.382633	1	78.19905	61.32075	91.03774	0.8939	0.40479	1	78.67299	61.32075	91.03774
ROMANIA	ROM	0.047996	0.128937	0.128937	15	55.45024	51.41509	61.32075	0.049652	0.125987	15	56.3981	50.4717	62.26415
RUSSIA	RUS	-0.78496	0.128937	0.128937	15	24.17062	16.98113	34.90566	-0.78369	0.125987	15	26.06635	17.45283	32.54717
RWANDA	RWA	-0.49292	0.157787	0.157787	12	38.38863	26.88679	47.16981	-0.3121	0.146567	13	45.97156	33.96226	54.24528
SAMOA	SAM	0.660378	0.219411	0.219411	6	68.24645	61.79245	82.54717	0.651923	0.211635	6	67.29858	62.26415	81.13208
SAN MARINO	SMR	0.99237	0.655107	0.655107	1	81.99052	52.35849	100	0.896414	0.698216	1	79.62085	47.64151	100
SAO TOME AND PRIN	STP	-0.72088	0.166502	0.166502	6	27.96209	16.98113	41.03774	-0.69203	0.161029	6	29.85782	17.92453	41.03774
SAUDI ARABIA	SAU	0.071178	0.160514	0.160514	11	56.87204	50.4717	61.79245	0.161965	0.157632	11	60.18957	51.88679	64.15094
SENEGAL	SEN	-0.36947	0.138789	0.138789	14	43.6019	33.96226	51.88679	-0.40513	0.134089	15	41.70616	31.60377	50.4717
SERBIA	SRB	-0.43189	0.133251	0.133251	14	42.18009	31.60377	50	-0.389	0.129457	14	43.12796	32.54717	50.4717
SEYCHELLES	SYC	0.065054	0.165465	0.165465	7	56.3981	50.4717	61.79245	0.019555	0.160228	7	55.92417	47.64151	62.26415
SIERRA LEONE	SLE	-0.91414	0.154509	0.154509	13	18.95735	11.79245	31.60377	-0.94036	0.14892	13	18.00948	11.79245	29.71698
SINGAPORE	SGP	1.602354	0.154312	0.154312	11	91.94313	88.20755	97.64151	1.69451	0.153682	11	93.36493	89.62264	99.0566
SLOVAKIA	SVK	0.547632	0.136675	0.136675	14	65.87678	61.79245	71.69811	0.58125	0.13445	14	66.35071	62.26415	73.58491
SLOVENIA	SVN	1.087513	0.13834	0.13834	13	83.88626	75	88.20755	1.021876	0.135778	13	82.46445	73.58491	87.26415
SOLOMON ISLANDS	SLB	-0.73522	0.219411	0.219411	6	27.01422	14.62264	42.92453	-0.70345	0.209828	7	29.38389	14.62264	44.33962
SOMALIA	SOM	-2.50038	0.191535	0.191535	7	0	0	0.471698	-2.42685	0.19054	7	0	0	0.471698
SOUTH AFRICA	ZAF	0.082565	0.131742	0.131742	17	57.34597	51.88679	61.79245	0.097393	0.129072	17	57.81991	51.41509	62.26415
SPAIN	ESP	1.153701	0.154104	0.154104	11	85.30806	78.30189	88.67925	1.194552	0.153757	11	86.72986	79.71698	89.62264
SRI LANKA	LKA	-0.07714	0.145017	0.145017	15	53.08057	45.75472	59.90566	-0.08758	0.141163	15	52.60664	45.75472	59.90566
ST. KITTS AND NEVIS	KNA	0.764039	0.259079	0.259079	3	71.09005	61.79245	86.79245	0.710107	0.259119	3	70.61611	62.26415	83.49057
ST. LUCIA	LCA	0.851391	0.223988	0.223988	4	74.88152	64.15094	86.79245	0.824435	0.215501	5	74.40758	64.62264	85.84906
ST. VINCENT AND THE	VCT	0.890355	0.221636	0.221636	5	75.82938	65.09434	87.73585	0.86164	0.215501	5	75.33545	65.09434	86.79245
SUDAN	SDN	-1.26831	0.156924	0.156924	11	7.109005	3.301887	16.50943	-1.31996	0.153032	11	6.161137	2.830189	13.20755
SURINAME	SRN	-0.16839	0.177758	0.177758	8	50.7109	40.09434	58.49057	-0.09087	0.172815	9	52.1327	43.39623	60.84906
SWAZILAND	SWZ	-0.60807	0.163084	0.163084	9	33.17536	21.22642	45.75472	-0.49581	0.150494	10	37.91469	27.83019	47.64151
SWEDEN	SWE	1.950401	0.156389	0.156389	10	99.52607	92.92453	100	1.947921	0.156137	9	99.52607	92.45283	100
SWITZERLAND	CHE	1.762661	0.156389	0.156389	10	95.7346	90.56604	100	1.778605	0.155752	10	95.7346	90.09434	100
SYRIA	SYR	-0.52974	0.14561	0.14561	14	37.44076	25.4717	46.22642	-0.54143	0.141585	14	35.07109	26.41509	46.22642
TAIWAN, CHINA	TWN	0.924218	0.154312	0.154312	11	78.67299	68.39623	86.32075	1.01181	0.153682	11	81.51659	71.69811	87.26415
TAJKISTAN	TJK	-1.23782	0.141687	0.141687	14	9.478673	3.773585	16.98113	-1.19624	0.137296	14	11.37441	4.716981	17.92453
TANZANIA	TZA	-0.4978	0.136354	0.136354	16	37.91469	27.35849	46.22642	-0.5117	0.13281	16	36.49289	28.30189	47.16981
THAILAND	THA	-0.23167	0.140033	0.140033	15	47.39336	40.09434	54.71698	-0.19571	0.137081	15	49.76303	41.50943	56.13208
TIMOR-LESTE	TMP	-1.22887	0.160418	0.160418	11	9.952607	3.773585	17.92453	-1.20881	0.156055	11	10.42654	4.245283	17.92453
TOGO	TGO	-0.88941	0.148759	0.148759	11	19.90521	13.67925	32.07547	-0.92218	0.142925	12	18.95735	12.26415	30.18868
TONGA	TON	-0.01073	0.219411	0.219411	6	54.50237	43.39623	61.79245	0.089598	0.209828	7	57.34597	47.64151	64.15094
TRINIDAD AND TOBAGO	TTO	-0.22749	0.161931	0.161931	9	48.34123	38.20755	55.18868	-0.22414	0.15716	10	47.8673	39.15094	56.13208
TUNISIA	TUN	0.151499	0.141422	0.141422	14	59.24171	52.83019	62.26415	0.112625	0.137007	14	59.24171	51.41509	62.26415
TURKEY	TUR	0.087202	0.14002	0.14002	16	57.81991	51.88679	61.79245	0.104046	0.137058	16	58.29384	51.41509	62.26415
TURKMENISTAN	TKM	-1.42437	0.151106	0.151106	8	4.265403	1.886792	11.79245	-1.45508	0.145113	8	4.265403	1.415094	9.90566

TUVALU		TUV	1.047126	0.340841	3	83.41232	64.15094	92.45283	1.021683	0.364889	3	81.99052	64.15094	91.98113
UGANDA		UGA	-0.43433	0.136354	16	41.70616	31.60377	50	-0.40334	0.13281	16	42.18009	31.60377	50.4717
UKRAINE		UKR	-0.80203	0.128937	15	22.74882	16.50943	34.90566	-0.80405	0.125987	15	25.11848	16.98113	32.54717
UNITED ARAB EMIRATES		ARE	0.46549	0.159343	11	63.03318	60.84906	70.75472	0.386382	0.157945	11	63.03318	59.90566	66.98113
UNITED KINGDOM		GBR	1.731674	0.156389	10	94.3128	90.09434	100	1.769596	0.155752	10	94.78673	90.09434	100
UNITED STATES		USA	1.539587	0.152728	12	91.46919	87.73585	96.69811	1.584585	0.151813	12	91.46919	88.20755	97.64151
URUGUAY		URY	0.706612	0.142148	14	70.14218	63.67925	79.71698	0.716512	0.140886	14	71.09005	64.62264	79.71698
UZBEKISTAN		UZB	-1.2731	0.141345	12	6.635071	3.773585	16.50943	-1.37285	0.135853	12	4.739336	2.830189	12.26415
VANUATU		VUT	0.423557	0.215465	6	62.55924	56.60377	71.69811	0.251687	0.210716	6	62.08531	51.88679	66.50943
VENEZUELA		VEN	-1.58909	0.134605	17	2.369668	1.415094	4.716981	-1.64301	0.133429	17	1.421801	0.943396	4.716981
VIETNAM		VNM	-0.45002	0.145017	15	40.75829	29.71698	50	-0.48305	0.141163	15	38.86256	28.77358	47.64151
VIRGIN ISLANDS (U.S.)		VIR	0.900059	0.382633	1	78.19905	61.32075	91.03774	0.8939	0.40479	1	78.67299	61.32075	91.03774
WEST BANK GAZA		WBG	-0.34975	0.221556	4	44.54976	28.30189	55.18868	-0.20495	0.221755	4	49.2891	33.01887	59.90566
YEMEN		YEM	-1.08556	0.151695	13	14.69194	5.188679	22.16981	-1.05161	0.146175	13	14.21801	7.54717	24.5283
ZAMBIA		ZMB	-0.48438	0.137929	15	38.86256	28.30189	46.69811	-0.49388	0.134089	15	38.38863	29.24528	47.16981
ZIMBABWE		ZWE	-1.83537	0.139726	15	0.947867	0.471698	2.358491	-1.80103	0.135643	15	0.947867	0.471698	2.830189