

Appendix 4.1.1. Malaysia's profile of the environmental burden of disease (WHO, Public Health and the Environment Geneva 2009): DALYs value for the EPI Indicator

Population	25.3 mio
GNI/capita	13 570 US\$
% urbanization	67%
% people living in cities greater than 100 000 inhabitants	28%
Population below the poverty line (national)	16% (1989)
Population below the poverty line (international, <\$1/day)	<2% (1997)
Under age 5 mortality rate	12/1000 live births (2006)
Life expectancy	72 years (2006)

Environmental burden of disease for selected risk factors, per year

Estimates based on national exposure and WHO country health statistics 2004

Risk factor	Exposure		Deaths /year	DALYs/ 1000 cap /year
Water, sanitation and hygiene (diarrhoea only)	Improved water: 99%		900	1.8
	Improved sanitation: 94%			
Indoor air	SFU% households: <5%		<100	0.0
Outdoor air	Mean urban PM10: 28 ug/m3		600	0.2
Main malaria vectors	<i>A. maculatus</i> , <i>A. dirus</i> (peninsula); <i>A. balabacensis</i> , <i>A. flavirostris</i> , <i>A. leucosphyrus</i> (Sabah)			
Main other vectors	<i>Culex Tritaeniorrhynchus</i> , <i>Culex</i> , <i>gelidus</i> , <i>Culex vishnui</i> and <i>Culex quinquefasciatus</i>			

Environmental burden of disease (preliminary), per year

Estimates based on Comparative Risk Assessment, evidence synthesis and expert evaluation for regional exposure and WHO country health statistics 2004

DALYs/1000 cap	(World - lowest: 13, highest: 289)	27
Deaths		28 500
% of total burden		18%

DALYs value
for the EPI
Indicator

Environmental burden by disease category [DALYs/1000 capita], per year

Disease group	World's lowest country rate	Country rate	World's highest country rate
Diarrhoea	0.2	2.0	107
Respiratory infections	0.1	1.6	71
Malaria	0.0	0.0	34
Other vector-borne diseases	0.0	0.6	4.9
Lung cancer	0.0	0.5	2.6
Other cancers	0.3	1.4	4.1
Neuropsychiatric disorders	1.4	1.9	3.0
Cardiovascular disease	1.4	2.5	14
COPD	0.0	1.4	4.6
Asthma	0.3	1.2	2.8
Musculoskeletal diseases	0.5	0.9	1.5
Road traffic injuries	0.3	2.0	15
Other unintentional injuries	0.6	2.6	30
Intentional injuries	0.0	1.1	7.5

Other indicators

Use of leaded gasoline	No	(2008)
Overcrowding	NA	
Malnutrition (% stunting)	NA	

Appendix 4.1.2: Environmental Burden of Disease

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Iceland	91.5	56	Bosnia & Herzegovina	69.0	111	Sri Lanka	41.4
2	Israel	91.5	57	Malaysia	67.8	112	Bangladesh	39.9
3	Switzerland	89.1	58	Venezuela	67.8	113	Turkmenistan	39.9
4	Singapore	89.1	59	Tunisia	67.8	114	India	39.4
5	Kuwait	89.1	60	Trinidad & Tobago	67.8	115	Gabon	38.9
6	Qatar	89.1	61	Hungary	66.6	116	Tajikistan	38.4
7	United Arab Emirates	89.1	62	Albania	65.5	117	Myanmar	37.9
8	Sweden	86.9	63	Paraguay	65.5	118	South Africa	37.4
9	Austria	86.9	64	Bulgaria	65.5	119	Nepal	36.5
10	Malta	86.9	65	Turkey	65.5	120	Papua New Guinea	35.1
11	Italy	86.9	66	Romania	64.4	121	Laos	33.9
12	Japan	86.9	67	Morocco	64.4	122	Eritrea	33.4
13	Canada	86.9	68	Lebanon	64.4	123	Sao Tome & Principe	31.4
14	Netherlands	86.9	69	Saudi Arabia	64.4	124	Congo	31.0
15	Brunei Darussalam	86.9	70	Colombia	63.3	125	Botswana	30.3
16	Cyprus	86.9	71	Fiji	63.3	126	Djibouti	29.9
17	Spain	84.8	72	Ecuador	62.3	127	Swaziland	29.9
18	Ireland	84.8	73	Armenia	62.3	128	Haiti	29.5
19	Australia	84.8	74	Viet Nam	62.3	129	Ghana	29.2
20	Bahrain	84.8	75	China	62.3	130	Yemen	27.7
21	Norway	82.8	76	Peru	61.3	131	Cambodia	27.7
22	France	82.8	77	El Salvador	61.3	132	Sudan	27.1
23	Finland	82.8	78	Algeria	61.3	133	Gambia	25.7
24	New Zealand	82.8	79	Egypt	61.3	134	Mauritania	25.7
25	Germany	82.8	80	Iran	61.3	135	Kenya	25.1
26	Luxembourg	82.8	81	Lithuania	60.3	136	Madagascar	22.6
27	Greece	82.8	82	Nicaragua	60.3	137	Zimbabwe	22.0
28	United Kingdom	81.0	83	Latvia	59.4	138	Togo	21.1
29	Denmark	81.0	84	Estonia	59.4	139	Iraq	20.3
30	Belgium	81.0	85	Moldova	59.4	140	Mozambique	20.0
31	Chile	79.2	86	Suriname	58.5	141	Senegal	19.8
32	Portugal	79.2	87	Brazil	58.5	142	Tanzania	18.2
33	United States	79.2	88	Belize	57.6	143	Cameroon	17.6
34	Costa Rica	77.5	89	Azerbaijan	57.6	144	Guinea	16.4
35	Slovenia	77.5	90	Honduras	56.7	145	Benin	16.4
36	Oman	77.5	91	Maldives	55.9	146	Uganda	15.2
37	Czech Republic	76.0	92	Thailand	55.9	147	Central African Rep.	14.0
38	South Korea	76.0	93	Solomon Islands	55.9	148	Ethiopia	13.1
39	Cuba	74.5	94	Dominican Republic	55.1	149	Zambia	11.6
40	Croatia	74.5	95	Philippines	55.1	150	Côte d'Ivoire	10.2
41	Antigua & Barbuda	73.0	96	Mongolia	54.3	151	Malawi	9.2
42	Mexico	73.0	97	Belarus	52.7	152	Nigeria	9.2
43	Syria	73.0	98	Ukraine	52.7	153	Equatorial Guinea	8.4
44	Argentina	71.6	99	Namibia	52.0	154	Chad	6.7
45	Mauritius	70.3	100	Uzbekistan	52.0	155	Rwanda	5.8
46	Slovakia	70.3	101	North Korea	52.0	156	Burkina Faso	4.9
47	Panama	70.3	102	Guatemala	51.3	157	Guinea-Bissau	4.4
48	Poland	70.3	103	Guyana	49.2	158	Burundi	4.1
49	Uruguay	70.3	104	Kyrgyzstan	48.5	159	Dem. Rep. Congo	2.0
50	Jamaica	70.3	105	Indonesia	45.4	160	Mali	1.4
51	Jordan	70.3	106	Russia	44.2	161	Niger	0.0
52	Libya	70.3	107	Kazakhstan	44.2	162	Angola	0.0
53	Serbia & Montenegro	69.0	108	Pakistan	43.0	163	Sierra Leone	0.0
54	Georgia	69.0	109	Bhutan	42.5			
55	Macedonia	69.0	110	Bolivia	41.9			

Appendix 4.2.1: Access to Water

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Australia	100.0	56	Albania	94.8	111	Bhutan	67.2
2	Austria	100.0	57	Russia	94.8	112	Côte d'Ivoire	67.2
3	Bahrain	100.0	58	Turkey	94.8	113	Zimbabwe	67.2
4	Belarus	100.0	59	Ukraine	94.8	114	Ghana	65.5
5	Belgium	100.0	60	Argentina	93.1	115	Myanmar	65.5
6	Brunei Darussalam	100.0	61	Kazakhstan	93.1	116	Indonesia	65.5
7	Canada	100.0	62	Guatemala	93.1	117	Bangladesh	65.5
8	Cyprus	100.0	63	Botswana	93.1	118	Nicaragua	63.8
9	Czech Republic	100.0	64	Chile	91.4	119	Azerbaijan	62.1
10	Denmark	100.0	65	Ecuador	91.4	120	Paraguay	60.3
11	Estonia	100.0	66	Dominican Republic	91.4	121	Senegal	60.3
12	Finland	100.0	67	Mexico	91.4	122	Iraq	60.3
13	France	100.0	68	Tunisia	89.7	123	Malawi	58.6
14	Germany	100.0	69	Iran	89.7	124	Burkina Faso	51.7
15	Greece	100.0	70	Trinidad & Tobago	89.7	125	Mongolia	51.7
16	Hungary	100.0	71	Colombia	87.9	126	Turkmenistan	51.7
17	Iceland	100.0	72	Philippines	87.9	127	Congo	50.0
18	Ireland	100.0	73	Namibia	87.9	128	Libya	50.0
19	Israel	100.0	74	Guyana	87.9	129	Burundi	50.0
20	Italy	100.0	75	Jamaica	87.9	130	Solomon Islands	48.3
21	Japan	100.0	76	South Africa	87.9	131	Sudan	48.3
22	Kuwait	100.0	77	Panama	86.2	132	Cameroon	48.3
23	Lebanon	100.0	78	Suriname	86.2	133	Guinea	48.3
24	Luxembourg	100.0	79	Djibouti	86.2	134	Tajikistan	43.1
25	Macedonia	100.0	80	Viet Nam	86.2	135	Yemen	41.4
26	Malta	100.0	81	South Korea	86.2	136	Central African Rep.	41.4
27	Mauritius	100.0	82	Cuba	84.5	137	Rwanda	39.7
28	Netherlands	100.0	83	Belize	84.5	138	Cambodia	39.7
29	New Zealand	100.0	84	Antigua & Barbuda	84.5	139	Benin	39.7
30	North Korea	100.0	85	Brazil	84.5	140	Uganda	37.9
31	Norway	100.0	86	Venezuela	82.8	141	Laos	31.0
32	Qatar	100.0	87	Moldova	82.8	142	Eritrea	31.0
33	Singapore	100.0	88	Saudi Arabia	82.8	143	Swaziland	31.0
34	Slovakia	100.0	89	Pakistan	82.8	144	Mali	31.0
35	Slovenia	100.0	90	Nepal	81.0	145	Mauritania	31.0
36	Spain	100.0	91	Syria	81.0	146	Togo	29.3
37	Sweden	100.0	92	Kyrgyzstan	81.0	147	Zambia	27.6
38	Switzerland	100.0	93	India	81.0	148	Haiti	27.6
39	United Arab Emirates	100.0	94	Lithuania	79.9	149	Kenya	25.9
40	United Kingdom	100.0	95	Romania	79.3	150	Guinea-Bissau	25.9
41	Uruguay	100.0	96	China	79.3	151	Tanzania	22.4
42	Portugal	98.3	97	Uzbekistan	79.3	152	Sierra Leone	19.0
43	Latvia	98.3	98	Poland	77.6	153	Angola	15.5
44	Serbia & Montenegro	98.3	99	Gabon	77.6	154	Chad	10.3
45	Croatia	98.3	100	Sao Tome & Principe	75.9	155	Fiji	8.6
46	Malaysia	98.3	101	Gambia	75.9	156	Madagascar	8.6
47	Georgia	98.3	102	Bolivia	75.9	157	Nigeria	8.6
48	United States	98.3	103	Algeria	74.1	158	Dem. Rep. Congo	6.9
49	Bulgaria	98.3	104	Peru	72.4	159	Equatorial Guinea	1.7
50	Bosnia & Herzegovina	98.3	105	El Salvador	72.4	160	Ethiopia	0.0
51	Costa Rica	96.6	106	Honduras	72.4	161	Mozambique	0.0
52	Thailand	96.6	107	Maldives	70.7	162	Niger	0.0
53	Egypt	96.6	108	Morocco	70.7	163	Papua New Guinea	0.0
54	Armenia	96.6	109	Sri Lanka	69.0			
55	Jordan	96.6	110	Oman	69.0			

Appendix 4.2.1: Access to Sanitation

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Australia	100.0	56	Georgia	92.1	111	Bhutan	46.1
2	Austria	100.0	57	Kyrgyzstan	92.1	112	Gambia	46.1
3	Bahrain	100.0	58	Ukraine	92.1	113	Zambia	46.1
4	Belgium	100.0	59	Serbia & Montenegro	91.0	114	Indonesia	46.1
5	Brunei Darussalam	100.0	60	Syria	91.0	115	Cameroon	45.0
6	Canada	100.0	61	Trinidad & Tobago	91.0	116	Equatorial Guinea	45.0
7	Cyprus	100.0	62	Tajikistan	91.0	117	Swaziland	43.9
8	Denmark	100.0	63	Argentina	89.9	118	Mongolia	43.9
9	Finland	100.0	64	Armenia	89.9	119	Angola	43.9
10	France	100.0	65	Saudi Arabia	89.6	120	Laos	41.6
11	Germany	100.0	66	Macedonia	87.7	121	Nicaragua	41.6
12	Hungary	100.0	67	Turkey	86.5	122	Belize	40.5
13	Iceland	100.0	68	South Korea	85.5	123	Botswana	40.5
14	Ireland	100.0	69	Russia	85.4	124	Yemen	39.4
15	Israel	100.0	70	Oman	85.4	125	Zimbabwe	39.4
16	Italy	100.0	71	El Salvador	84.3	126	Papua New Guinea	38.3
17	Japan	100.0	72	Sri Lanka	84.3	127	Mali	38.3
18	Kuwait	100.0	73	Venezuela	84.3	128	Bolivia	36.0
19	Luxembourg	100.0	74	Tunisia	83.2	129	Kenya	34.9
20	Malta	100.0	75	Jordan	83.2	130	Burundi	33.8
21	Netherlands	100.0	76	Ecuador	82.0	131	Gabon	28.2
22	New Zealand	100.0	77	Guatemala	82.0	132	Bangladesh	28.2
23	Norway	100.0	78	Poland	80.9	133	Namibia	27.0
24	Qatar	100.0	79	Iran	80.9	134	Sudan	27.0
25	Singapore	100.0	80	Jamaica	80.9	135	Uganda	24.8
26	Slovakia	100.0	81	Suriname	79.8	136	Tanzania	24.8
27	Slovenia	100.0	82	Myanmar	79.8	137	Guinea-Bissau	24.8
28	Spain	100.0	83	Lithuania	78.7	138	Solomon Islands	23.7
29	Sweden	100.0	84	Mexico	78.7	139	Dem. Rep. Congo	22.6
30	Switzerland	100.0	85	Guyana	78.7	140	Mozambique	22.6
31	United Kingdom	100.0	86	Azerbaijan	77.6	141	Central African Rep.	22.6
32	United States	100.0	87	Dominican Republic	76.4	142	Nigeria	21.4
33	Uruguay	100.0	88	Moldova	76.4	143	Benin	21.4
34	Portugal	98.9	89	Colombia	75.3	144	India	19.2
35	Czech Republic	98.9	90	Latvia	75.3	145	Senegal	19.2
36	Croatia	98.9	91	Philippines	75.3	146	Cambodia	19.2
37	Bulgaria	98.9	92	Brazil	74.2	147	Nepal	18.1
38	Cuba	97.8	93	Iraq	73.1	148	Sao Tome & Principe	14.7
39	Greece	97.8	94	Panama	70.8	149	Côte d'Ivoire	14.7
40	Lebanon	97.8	95	Peru	68.6	150	Mauritania	14.7
41	Albania	96.6	96	Romania	68.6	151	Rwanda	13.6
42	Kazakhstan	96.6	97	Morocco	68.6	152	Congo	10.2
43	Libya	96.6	98	Fiji	67.5	153	Guinea	9.1
44	United Arab Emirates	96.6	99	Paraguay	66.3	154	Haiti	9.1
45	Costa Rica	95.5	100	Djibouti	63.0	155	Burkina Faso	2.4
46	Thailand	95.5	101	Egypt	61.8	156	Madagascar	1.2
47	Uzbekistan	95.5	102	Honduras	61.8	157	Togo	1.2
48	Antigua & Barbuda	94.4	103	Viet Nam	60.7	158	Ethiopia	0.1
49	Estonia	94.4	104	China	60.7	159	Sierra Leone	0.1
50	Bosnia & Herzegovina	94.4	105	Turkmenistan	57.4	160	Chad	0.0
51	Mauritius	93.3	106	Malawi	55.1	161	Eritrea	0.0
52	Chile	93.3	107	Maldives	54.0	162	Ghana	0.0
53	Algeria	93.3	108	South Africa	54.0	163	Niger	0.0
54	Malaysia	93.3	109	North Korea	54.0			
55	Belarus	92.1	110	Pakistan	52.9			

Appendix 4.4.1: Indoor Air Pollution

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Algeria	94.7	56	Turkmenistan	94.7	111	Namibia	38.4
2	Antigua & Barbuda	94.7	57	United Arab Emirates	94.7	112	India	37.2
3	Argentina	94.7	58	United Kingdom	94.7	113	Viet Nam	36.6
4	Armenia	94.7	59	United States	94.7	114	Mauritania	36.3
5	Australia	94.7	60	Uruguay	94.7	115	Swaziland	36.0
6	Austria	94.7	61	Venezuela	94.7	116	Eritrea	34.0
7	Bahrain	94.7	62	Ukraine	94.3	117	Guatemala	30.5
8	Belarus	94.7	63	Iraq	94.3	118	Pakistan	29.3
9	Belgium	94.7	64	Morocco	92.8	119	Kenya	27.7
10	Brunei Darussalam	94.7	65	Dominican Republic	91.9	120	Zimbabwe	25.1
11	Canada	94.7	66	Russia	91.8	121	Sri Lanka	22.3
12	Chile	94.7	67	Slovenia	91.1	122	Mongolia	19.2
13	Cuba	94.7	68	Guyana	90.1	123	Côte d'Ivoire	18.7
14	Cyprus	94.7	69	Maldives	89.9	124	Nigeria	17.1
15	Czech Republic	94.7	70	Azerbaijan	89.7	125	Cameroon	15.2
16	Denmark	94.7	71	Latvia	89.2	126	Nepal	14.7
17	Ecuador	94.7	72	Brazil	88.5	127	Congo	11.7
18	Egypt	94.7	73	Turkey	88.4	128	Zambia	9.8
19	Finland	94.7	74	Kazakhstan	88.1	129	Ghana	9.6
20	France	94.7	75	Croatia	87.0	130	Papua New Guinea	5.6
21	Germany	94.7	76	Costa Rica	86.6	131	Bangladesh	5.6
22	Greece	94.7	77	Colombia	86.2	132	Sudan	5.4
23	Hungary	94.7	78	Djibouti	86.0	133	Cambodia	4.2
24	Iceland	94.7	79	Belize	85.2	134	Haiti	2.1
25	Iran	94.7	80	Moldova	84.5	135	Chad	1.5
26	Ireland	94.7	81	Uzbekistan	83.0	136	Benin	0.8
27	Israel	94.7	82	Estonia	82.7	137	Gambia	0.4
28	Italy	94.7	83	Mexico	82.6	138	Burkina Faso	0.0
29	Japan	94.7	84	Bulgaria	82.1	139	Burundi	0.0
30	Jordan	94.7	85	South Africa	81.8	140	Central African Rep.	0.0
31	Kuwait	94.7	86	Tajikistan	77.0	141	Dem. Rep. Congo	0.0
32	Lebanon	94.7	87	El Salvador	75.9	142	Ethiopia	0.0
33	Libya	94.7	88	Romania	75.9	143	Guinea	0.0
34	Lithuania	94.7	89	Thailand	75.7	144	Guinea-Bissau	0.0
35	Luxembourg	94.7	90	Gabon	71.1	145	Laos	0.0
36	Malaysia	94.7	91	Panama	65.3	146	Madagascar	0.0
37	Malta	94.7	92	Bolivia	65.2	147	Malawi	0.0
38	Mauritius	94.7	93	Yemen	62.2	148	Mali	0.0
39	Netherlands	94.7	94	Macedonia	61.5	149	Mozambique	0.0
40	New Zealand	94.7	95	Kyrgyzstan	60.6	150	Myanmar	0.0
41	Norway	94.7	96	Fiji	57.9	151	Niger	0.0
42	Oman	94.7	97	Peru	57.3	152	Rwanda	0.0
43	Poland	94.7	98	Botswana	55.3	153	Sierra Leone	0.0
44	Portugal	94.7	99	Georgia	55.0	154	Tanzania	0.0
45	Qatar	94.7	100	Jamaica	52.6	155	Togo	0.0
46	Saudi Arabia	94.7	101	Philippines	50.4	156	Uganda	0.0
47	Singapore	94.7	102	Angola	49.7	157	Serbia & Montenegro	..
48	Slovakia	94.7	103	China	48.4	158	Suriname	..
49	South Korea	94.7	104	Bosnia & Herzegovina	48.2	159	Bhutan	..
50	Spain	94.7	105	Albania	47.4	160	Sao Tome & Principe	..
51	Sweden	94.7	106	Paraguay	47.1	161	Solomon Islands	..
52	Switzerland	94.7	107	Honduras	43.5	162	Equatorial Guinea	..
53	Syria	94.7	108	Senegal	41.4	163	North Korea	..
54	Trinidad & Tobago	94.7	109	Nicaragua	39.9			
55	Tunisia	94.7	110	Indonesia	38.6			

Appendix 4.5.1: Outdoor Air Pollution

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Antigua & Barbuda	100.0	56	Nicaragua	83.1	111	Qatar	50.4
2	Australia	100.0	57	Suriname	82.9	112	Brunei Darussalam	47.6
3	Belarus	100.0	58	Mozambique	82.3	113	Peru	47.2
4	Belize	100.0	59	Burundi	80.3	114	Uzbekistan	47.1
5	Bosnia & Herzegovina	100.0	60	Japan	79.3	115	Turkmenistan	46.7
6	Canada	100.0	61	Slovenia	78.5	116	Viet Nam	46.4
7	Cuba	100.0	62	Tunisia	78.5	117	Eritrea	45.5
8	Denmark	100.0	63	Guyana	77.8	118	Bulgaria	44.4
9	Dominican Republic	100.0	64	Croatia	77.8	119	Myanmar	44.1
10	Equatorial Guinea	100.0	65	Israel	76.1	120	Armenia	42.6
11	Estonia	100.0	66	Spain	75.9	121	Azerbaijan	42.0
12	Finland	100.0	67	Maldives	75.9	122	Cameroon	40.4
13	France	100.0	68	Swaziland	73.9	123	Guatemala	40.3
14	Gabon	100.0	69	Austria	73.6	124	Congo	38.8
15	Germany	100.0	70	Malawi	73.5	125	India	37.9
16	Hungary	100.0	71	El Salvador	73.2	126	Angola	37.2
17	Iceland	100.0	72	Netherlands	72.5	127	Botswana	36.2
18	Ireland	100.0	73	Madagascar	72.3	128	Bahrain	35.7
19	Kazakhstan	100.0	74	Ghana	71.3	129	Ethiopia	35.7
20	Latvia	100.0	75	Nepal	71.3	130	North Korea	35.4
21	Lithuania	100.0	76	South Korea	70.9	131	Guinea	33.8
22	Luxembourg	100.0	77	Panama	70.4	132	Thailand	33.3
23	Mauritius	100.0	78	Togo	70.1	133	Algeria	33.2
24	New Zealand	100.0	79	Greece	69.1	134	Guinea-Bissau	32.6
25	Norway	100.0	80	Moldova	68.9	135	China	31.7
26	Romania	100.0	81	Costa Rica	68.6	136	Argentina	31.7
27	Russia	100.0	82	Lebanon	68.5	137	Syria	30.5
28	Serbia & Montenegro	100.0	83	Kenya	68.4	138	Paraguay	28.8
29	Slovakia	100.0	84	Côte d'Ivoire	68.4	139	Yemen	25.6
30	Sweden	100.0	85	Mexico	68.4	140	Sri Lanka	25.5
31	Uganda	100.0	86	Solomon Islands	68.3	141	Indonesia	25.1
32	United Kingdom	100.0	87	Haiti	67.6	142	Burkina Faso	24.1
33	Venezuela	100.0	88	Poland	67.1	143	Gambia	23.2
34	Ukraine	98.6	89	Sao Tome & Principe	64.4	144	Mauritania	22.9
35	South Africa	98.6	90	Turkey	63.8	145	Libya	22.1
36	Czech Republic	97.5	91	Zambia	63.7	146	Bolivia	18.4
37	Macedonia	97.4	92	Singapore	62.3	147	Senegal	17.9
38	Morocco	97.4	93	Honduras	59.6	148	Kuwait	16.6
39	United States	96.6	94	Jamaica	59.3	149	Trinidad & Tobago	14.7
40	Papua New Guinea	96.3	95	Cyprus	59.0	150	Oman	10.9
41	Fiji	95.9	96	Albania	58.6	151	Chad	10.4
42	Kyrgyzstan	94.5	97	Central African Rep.	58.4	152	Mongolia	9.9
43	Colombia	94.0	98	Jordan	57.6	153	Saudi Arabia	8.8
44	Belgium	93.9	99	Nigeria	57.3	154	Iraq	7.7
45	Philippines	93.0	100	Djibouti	56.8	155	Egypt	5.9
46	Malaysia	92.9	101	Cambodia	56.4	156	Pakistan	5.4
47	Portugal	91.9	102	Benin	56.1	157	United Arab Emirates	2.5
48	Brazil	91.9	103	Georgia	55.5	158	Niger	0.4
49	Ecuador	88.8	104	Dem. Rep. Congo	55.2	159	Bangladesh	0.0
50	Tanzania	87.4	105	Namibia	54.8	160	Mali	0.0
51	Switzerland	87.2	106	Chile	54.1	161	Sudan	0.0
52	Rwanda	86.1	107	Laos	52.9	162	Uruguay	0.0
53	Bhutan	85.8	108	Sierra Leone	52.0	163	Malta	..
54	Italy	84.8	109	Tajikistan	51.7			
55	Zimbabwe	84.6	110	Iran	51.1			

Appendix 4.6.1 (a): The Global EPI SO₂ emissions dataNational SO₂ emissions per source category

Year: 2000

Unit: Gg

Source: EDGAR FT

	Malaysia
B10-INDUSTRY	0.9
B20-POWER GENERATION	0.0
B30-CHARCOAL PRODUCTION	0.2
B40-RCO: RESIDENTIAL	10.5
B51-ROAD TRANSPORT	-
F10-INDUSTRIAL SECTOR	124.9
F20-POWER GENERATION	64.0
F30-OTS (ALL)	59.0
F40-RCO SECTOR(RES+COM+OTH)	18.3
F51-ROAD TRANSP.(INCL. EVA)	36.2
F54-TRANS. LAND NON-ROAD	0.8
F57-AIR TRANSPORT	1.5
F58-INTERNATIONAL SHIPPING	9.2
F80-OIL PRODUCTION	53.0
I10: IRO: IRON&STEEL	0.0
I20: NFE: NON-FERRO	0.0
I30: CHE: CHEMICALS V3	0.0
I40: BUILDING MATERIALS	18.3
I50-PAP: PULP & PAPER	0.9
L41: TROPICAL FOREST FIRES*	10.2
L42: SAVANNAH AND SHRUBS FIRES*	9.1
L43-BB-AGRIC. WASTE BURNING	1.3
L44: MIDDLE AND HIGH LATITUDE FOREST FIRES*	-
L47: MIDDLE AND HIGH LATITUDE GRASSLAND FIRES*	-
W40-WASTE INCINER.(NON-ENERGY)	0.1
Grand Total	418.4

Appendix 4.6.1 (b): The Global EPI NOX emissions data

National NOx emissions per source category

Year: 2000

Unit: Gg NO2

Source: EDGAR FT

	Malaysia
B10-INDUSTRY	8.6
B20-POWER GENERATION	0.0
B30-CHARCOAL PRODUCTION	0.1
B40-RCO: RESIDENTIAL	103.4
B51-ROAD TRANSPORT	0.0
F10-INDUSTRIAL SECTOR	45.1
F20-POWER GENERATION	130.5
F30-OTS (ALL)	8.7
F40-RCO SECTOR(RES+COM+OTH)	5.1
F51-ROAD TRANSP.(INCL. EVA)	253.2
F54-TRANS. LAND NON-ROAD	0.1
F57-AIR TRANSPORT	16.2
F58-INTERNATIONAL SHIPPING	11.5
F80-OIL PRODUCTION	5.3
I10: IRO: IRON&STEEL	0.7
I20: NFE: NON-FERRO	0.0
I40: BUILDING MATERIALS	34.3
I50-PAP: PULP & PAPER	0.2
L41: TROPICAL FOREST FIRES*	52.6
L42: SAVANNAH AND SHRUBS FIRES*	46.7
L43-BB-AGRIC. WASTE BURNING	5.4
L44: MIDDLE AND HIGH LATITUDE FOREST FIRES*	0.0
L47: MIDDLE AND HIGH LATITUDE GRASSLAND FIRES*	0.0
W40-WASTE INCINER.(NON-ENERGY)	0.3
Grand Total	728.1

Appendix 4.6.1 (c): The Global EPI NMVOC emissions data

National NMVOC emissions per source category

Year: 2000

Unit: Gg

Source: EDGAR 32FT2000

	Malaysia
B10-INDUSTRY	6.1
B20-POWER GENERATION	0.0
B30-CHARCOAL PRODUCTION	21.0
B40-RCO: RESIDENTIAL	410.2
B51-ROAD TRANSPORT	0.0
F10-INDUSTRIAL SECTOR	1.7
F20-POWER GENERATION	2.2
F30-OTS (ALL)	23.8
F40-RCO SECTOR(RES+COM+OTH)	0.2
F51-ROAD TRANSP.(INCL. EVA)	794.0
F54-TRANS. LAND NON-ROAD	0.0
F57-AIR TRANSPORT	3.9
F58-INTERNATIONAL SHIPPING	0.0
F80-OIL PRODUCTION	302.4
F90-GAS PROD./TRANSM.	53.5
I10: IRO: IRON&STEEL	0.4
I30: CHE: CHEMICALS	0.0
I50-PAP: PULP & PAPER	0.5
I60: FOO: FOOD (BEER&WINE)	0.1
I70: SOL: SOLVENT USE/MISC.	353.0
I90: MIS: IND. MISCELLANEOUS	0.0
L41: TROPICAL FOREST FIRES*	112.5
L42: SAVANNAH AND SHRUBS FIRES*	71.3
L43-BB-AGRIC. WASTE BURNING	14.3
L44: MIDDLE AND HIGH LATITUDE FOREST FIRES*	-
L47: MIDDLE AND HIGH LATITUDE GRASSLAND FIRES*	-
W40-WASTE INCINER.(NON-ENERGY)	1.1
W50-MISC. WASTE HANDLING	32.0
Grand Total	2204.0

Appendix 4.6.1 (d): The Global EPI N₂O emissions dataNational N₂O emissions per source category

Year: 2000

Unit: Gg

Source: EDGAR 32FT2000

	Malaysia
B10-INDUSTRY	0.4
B20-POWER GENERATION	0.0
B30-CHARCOAL PRODUCTION	0.0
B40-RCO: RESIDENTIAL	2.7
B51-ROAD TRANSPORT	0.0
F10-INDUSTRIAL SECTOR	0.2
F20-POWER GENERATION	0.1
F30-OTS (ALL)	0.0
F40-RCO SECTOR(RES+COM+OTH)	0.0
F51-ROAD TRANSP.(INCL. EVA)	0.3
F54-TRANS. LAND NON-ROAD	0.0
F57-AIR TRANSPORT	0.1
F58-INTERNATIONAL SHIPPING	0.0
F80-OIL PRODUCTION	0.0
I30: CHE: CHEMICALS V3	0.0
I70: SOLVENT USE	0.0
L10-ARABLE LAND (FERT. USE)	8.4
L30-AN. WASTE MAN. (CONF. N ₂ O)	0.9
L41: TROPICAL FOREST FIRES*	0.8
L42: SAVANNAH AND SHRUBS FIRES*	0.43
L43-BB-AGRIC. WASTE BURNING	0.1
L44: MIDDLE AND HIGH LATITUDE FOREST FIRES*	0.0
L45-BB-POST BURN EFF.(CO ₂ +N ₂ O)	5.1
L47: MIDDLE AND HIGH LATITUDE GRASSLAND FIRES*	0.0
L50-CROP PRODUCTION (N) (ALL)	2.1
L60-AN. WASTE (DEP.2 SOIL N ₂ O)	0.7
L71-ATMOSPHERIC DEPOSITION-ALL	0.8
L75-LEACHING AND RUN-OFF (ALL)	5.3
W20-WASTEWATER TREATMENT	0.0
W30-HUMAN WASTEWATER DISPOSAL	0.0
W40-WASTE INCINER.(NON-ENERGY)	0.0
Grand Total	28.6

Appendix 4.6.2: Sulfur Dioxide Emissions per Populated Land Area

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Kazakhstan	100.0	56	Togo	60.6	111	Azerbaijan	45.3
2	Solomon Islands	90.6	57	Zimbabwe	60.4	112	North Korea	44.9
3	Equatorial Guinea	86.5	58	Nicaragua	59.9	113	Syria	44.9
4	Eritrea	85.4	59	Armenia	59.5	114	Mexico	44.9
5	Bolivia	85.4	60	Colombia	59.4	115	Thailand	44.5
6	Laos	85.1	61	Paraguay	59.2	116	Portugal	44.4
7	Latvia	82.2	62	Brunei Darussalam	59.2	117	Japan	44.2
8	Niger	78.8	63	Argentina	59.1	118	Dominican Republic	44.0
9	Luxembourg	78.4	64	Sao Tome & Principe	59.0	119	Peru	44.0
10	Tajikistan	76.3	65	Lithuania	59.0	120	Tunisia	43.8
11	Mali	76.2	66	Finland	58.5	121	India	43.6
12	Burkina Faso	76.0	67	Denmark	58.4	122	Romania	43.4
13	Papua New Guinea	75.2	68	Namibia	58.3	123	Philippines	43.2
14	Macedonia	74.4	69	Botswana	58.3	124	Austria	43.2
15	Chad	73.9	70	Costa Rica	57.8	125	Congo	43.0
16	Bhutan	73.2	71	Belarus	57.0	126	Libya	42.2
17	Djibouti	72.8	72	Morocco	56.8	127	Ukraine	42.0
18	Myanmar	71.9	73	Albania	56.6	128	Spain	41.5
19	Fiji	71.5	74	Angola	56.5	129	United Kingdom	41.5
20	Georgia	71.4	75	Central African Rep.	55.4	130	Estonia	41.5
21	Madagascar	71.3	76	Slovenia	55.3	131	Czech Republic	41.4
22	Sweden	71.3	77	Uzbekistan	54.6	132	Cuba	41.2
23	Tanzania	71.3	78	Rwanda	54.4	133	United States	39.6
24	Haiti	71.2	79	Ireland	54.2	134	Poland	38.7
25	Norway	70.4	80	Saudi Arabia	54.2	135	Jordan	38.5
26	Sudan	70.4	81	Guatemala	54.1	136	Greece	37.0
27	Kyrgyzstan	70.4	82	Viet Nam	53.7	137	Mauritius	36.0
28	Mauritania	70.2	83	Bangladesh	53.5	138	Serbia & Montenegro	33.9
29	Nepal	69.3	84	Nigeria	53.2	139	China	33.5
30	Ethiopia	69.0	85	France	53.1	140	South Africa	32.9
31	Russia	68.6	86	Brazil	52.9	141	Bosnia & Herzegovi	32.0
32	Dem. Rep. Congo	68.3	87	Ecuador	52.9	142	Cyprus	31.8
33	Turkmenistan	67.7	88	Algeria	52.7	143	Qatar	31.4
34	Cambodia	67.1	89	Iraq	52.5	144	Trinidad & Tobago	30.6
35	Mozambique	66.5	90	Iran	52.2	145	South Korea	30.3
36	Benin	66.5	91	Suriname	52.0	146	Canada	30.2
37	Kenya	66.5	92	Indonesia	51.9	147	Egypt	30.1
38	Guinea	66.2	93	Malaysia	51.8	148	Mongolia	28.0
39	Senegal	66.0	94	Hungary	51.4	149	Lebanon	27.8
40	Guinea-Bissau	65.8	95	Italy	50.7	150	Chile	27.7
41	Uruguay	65.5	96	New Zealand	49.9	151	Bulgaria	27.6
42	Uganda	65.2	97	Croatia	49.4	152	Israel	27.5
43	Burundi	65.0	98	Turkey	49.3	153	Jamaica	27.1
44	Malawi	64.4	99	Germany	48.9	154	United Arab Emirates	25.8
45	Honduras	63.5	100	Zambia	48.8	155	Australia	25.7
46	Ghana	63.4	101	Yemen	48.4	156	Maldives	25.6
47	Guyana	63.3	102	Slovakia	48.2	157	Kuwait	22.3
48	Swaziland	63.2	103	Pakistan	48.1	158	Iceland	20.6
49	Belize	62.6	104	Sri Lanka	47.8	159	Antigua & Barbuda	18.2
50	Switzerland	62.5	105	Oman	47.0	160	Malta	13.7
51	Sierra Leone	62.0	106	Panama	47.0	161	Belgium	13.3
52	Côte d'Ivoire	62.0	107	Venezuela	46.9	162	Bahrain	1.4
53	Gambia	61.8	108	Gabon	46.7	163	Singapore	0.0
54	Moldova	61.6	109	Netherlands	46.6			
55	Cameroon	61.6	110	El Salvador	46.3			

Appendix 4.7.1: Nitrogen Oxides Emissions per Populated Land Area

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Serbia & Montenegro	93.8	56	Ecuador	51.1	111	Switzerland	43.3
2	Solomon Islands	83.2	57	Lithuania	51.1	112	Jordan	43.0
3	Mauritania	77.9	58	Estonia	50.8	113	Costa Rica	42.8
4	Equatorial Guinea	77.8	59	Malawi	50.7	114	Brazil	42.8
5	Eritrea	77.1	60	Burundi	50.6	115	Slovenia	42.6
6	Laos	77.0	61	Algeria	50.5	116	China	42.4
7	Niger	74.2	62	Mexico	50.4	117	Venezuela	41.9
8	Tajikistan	72.9	63	Guinea-Bissau	50.3	118	Cuba	41.8
9	Luxembourg	70.3	64	Mozambique	50.1	119	Paraguay	41.8
10	Djibouti	70.0	65	Moldova	50.1	120	Panama	41.7
11	Myanmar	70.0	66	Guinea	50.1	121	France	41.3
12	Bhutan	68.0	67	Ghana	50.0	122	Austria	41.3
13	Fiji	66.7	68	Colombia	49.8	123	New Zealand	40.9
14	Uruguay	65.7	69	Nigeria	49.6	124	Namibia	40.9
15	Bolivia	65.6	70	Uzbekistan	49.6	125	Angola	40.8
16	Turkmenistan	65.6	71	Nicaragua	49.5	126	Poland	40.5
17	Burkina Faso	63.5	72	Armenia	49.5	127	Portugal	40.3
18	Nepal	63.4	73	Finland	49.4	128	Greece	40.1
19	Mali	62.5	74	Suriname	49.2	129	Dominican Republic	39.8
20	Cambodia	61.8	75	Chile	49.0	130	El Salvador	39.6
21	Kyrgyzstan	60.7	76	Gambia	48.7	131	Spain	38.0
22	Morocco	60.5	77	Guyana	48.6	132	Germany	37.9
23	Yemen	60.2	78	Viet Nam	48.3	133	Czech Republic	37.7
24	Papua New Guinea	59.8	79	Thailand	48.3	134	Central African Rep.	37.7
25	Georgia	58.5	80	Côte d'Ivoire	48.2	135	Italy	37.2
26	Chad	57.7	81	Bulgaria	48.1	136	Denmark	37.1
27	Ethiopia	57.7	82	Honduras	48.0	137	United States	36.5
28	Kenya	57.0	83	Croatia	47.8	138	Brunei Darussalam	36.5
29	Saudi Arabia	56.4	84	Macedonia	47.8	139	Mongolia	35.2
30	Senegal	55.7	85	Syria	47.7	140	Cyprus	34.7
31	Madagascar	55.6	86	Bangladesh	47.4	141	Antigua & Barbuda	34.0
32	Latvia	55.1	87	Romania	47.2	142	Jamaica	33.8
33	Swaziland	54.5	88	Zambia	47.0	143	Japan	33.8
34	Argentina	54.5	89	Turkey	46.8	144	South Africa	33.6
35	Peru	54.2	90	Indonesia	46.7	145	Lebanon	33.2
36	Gabon	54.2	91	Togo	46.7	146	Mauritius	31.3
37	Sudan	54.2	92	India	46.4	147	Canada	31.2
38	Zimbabwe	54.1	93	Russia	46.4	148	United Kingdom	31.1
39	Sweden	54.0	94	Ukraine	46.3	149	Egypt	29.8
40	Haiti	54.0	95	Belize	46.3	150	Kuwait	29.5
41	Cameroon	53.7	96	Norway	46.0	151	Netherlands	29.2
42	Belarus	53.3	97	Sierra Leone	45.9	152	Belgium	28.9
43	Tanzania	53.0	98	Botswana	45.9	153	Iceland	28.4
44	Kazakhstan	52.4	99	Slovakia	45.7	154	Israel	27.6
45	Iran	52.4	100	Philippines	45.7	155	Trinidad & Tobago	26.3
46	Dem. Rep. Congo	52.3	101	Congo	45.5	156	Australia	24.7
47	Azerbaijan	52.0	102	North Korea	45.4	157	United Arab Emirates	24.5
48	Iraq	51.9	103	Ireland	45.4	158	South Korea	21.3
49	Pakistan	51.6	104	Malaysia	45.0	159	Maldives	18.6
50	Benin	51.5	105	Sri Lanka	44.7	160	Malta	16.7
51	Sao Tome & Principe	51.4	106	Libya	44.4	161	Qatar	15.7
52	Oman	51.3	107	Rwanda	44.2	162	Bahrain	2.2
53	Albania	51.1	108	Hungary	44.1	163	Singapore	0.0
54	Tunisia	51.1	109	Guatemala	43.5			
55	Uganda	51.1	110	Bosnia & Herzegovina	43.4			

Appendix 4.8.1: Non-methane Volatile Organic Compound Emissions per Populated Land Area

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Kazakhstan	100.0	56	Greece	44.0	111	Saudi Arabia	36.6
2	Tajikistan	79.3	57	Kenya	43.9	112	Viet Nam	35.7
3	Solomon Islands	67.1	58	Georgia	43.9	113	Portugal	35.6
4	Equatorial Guinea	66.7	59	Turkey	43.7	114	Jamaica	35.5
5	Bolivia	66.6	60	Armenia	43.7	115	Iraq	35.5
6	Eritrea	64.6	61	Cameroon	43.6	116	Germany	35.2
7	Djibouti	63.1	62	Costa Rica	43.3	117	Philippines	35.1
8	Laos	62.4	63	Norway	43.2	118	Sri Lanka	35.1
9	Morocco	62.1	64	North Korea	42.9	119	Bangladesh	34.6
10	Uruguay	62.0	65	Nepal	42.9	120	Guatemala	34.5
11	Niger	60.2	66	Dem. Rep. Congo	42.6	121	Brazil	34.4
12	Mauritania	59.3	67	Hungary	42.6	122	United States	34.2
13	Kyrgyzstan	58.4	68	Pakistan	42.4	123	El Salvador	33.9
14	Bhutan	55.7	69	Sudan	42.4	124	South Africa	33.9
15	Fiji	55.1	70	Guinea-Bissau	42.1	125	Italy	33.8
16	Bulgaria	53.2	71	Poland	42.1	126	Namibia	33.3
17	Ireland	52.9	72	Tanzania	42.0	127	United Kingdom	33.0
18	Mali	52.9	73	Honduras	41.7	128	Netherlands	32.8
19	Burkina Faso	52.0	74	Albania	41.6	129	France	32.8
20	Turkmenistan	51.9	75	Mozambique	41.6	130	Japan	32.7
21	Estonia	51.6	76	Benin	41.6	131	Malaysia	32.6
22	Peru	51.4	77	Iran	41.5	132	Nigeria	32.5
23	Belarus	51.3	78	Slovenia	41.4	133	Thailand	32.4
24	Sweden	51.2	79	Luxembourg	41.3	134	Indonesia	31.7
25	Finland	51.0	80	Ghana	41.2	135	Congo	31.5
26	Cambodia	50.4	81	Guinea	41.0	136	Switzerland	31.0
27	Argentina	50.4	82	Austria	40.8	137	Gabon	31.0
28	Papua New Guinea	50.1	83	Croatia	40.6	138	Paraguay	30.7
29	Chad	49.9	84	Czech Republic	40.3	139	Angola	30.6
30	Senegal	49.7	85	Syria	40.2	140	Serbia & Montenegro	29.9
31	Latvia	49.6	86	Spain	40.1	141	Central African Rep.	29.6
32	Uzbekistan	49.0	87	Uganda	40.1	142	Belgium	29.0
33	Zimbabwe	48.3	88	Cuba	39.9	143	Rwanda	28.5
34	Suriname	48.0	89	Iceland	39.9	144	Antigua & Barbuda	27.6
35	Macedonia	47.9	90	Malawi	39.7	145	Libya	27.1
36	Ethiopia	47.9	91	Guyana	39.7	146	Venezuela	26.5
37	Swaziland	47.8	92	Ecuador	39.6	147	Lebanon	26.3
38	Tunisia	47.3	93	Colombia	39.5	148	Brunei Darussalam	25.9
39	Romania	47.2	94	Denmark	39.3	149	Egypt	25.7
40	Myanmar	47.2	95	Gambia	39.0	150	Malta	25.1
41	Jordan	47.2	96	Zambia	39.0	151	Oman	24.6
42	Ukraine	47.2	97	Botswana	38.4	152	Mauritius	22.9
43	Mexico	47.1	98	Dominican Republic	38.4	153	Israel	22.9
44	Lithuania	46.6	99	Mongolia	38.3	154	Maldives	22.2
45	Chile	46.6	100	Azerbaijan	38.1	155	Australia	22.1
46	Madagascar	46.0	101	Cyprus	38.1	156	South Korea	21.8
47	Sao Tome & Principe	45.7	102	China	37.9	157	Canada	20.6
48	Panama	45.0	103	Burundi	37.7	158	United Arab Emirates	18.9
49	Bosnia & Herzegovina	44.9	104	Côte d'Ivoire	37.7	159	Trinidad & Tobago	14.7
50	Yemen	44.9	105	Belize	37.5	160	Kuwait	4.0
51	Slovakia	44.6	106	New Zealand	37.2	161	Singapore	0.0
52	Haiti	44.6	107	Togo	37.2	162	Qatar	0.0
53	Russia	44.4	108	Algeria	36.7	163	Bahrain	0.0
54	Nicaragua	44.2	109	India	36.7			
55	Moldova	44.1	110	Sierra Leone	36.6			

Appendix 4.9.1: Ecosystem Ozone

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Antigua & Barbuda	100.0	56	Hungary	69.9	111	Peru	22.8
2	Armenia	100.0	57	Singapore	64.3	112	Guatemala	22.7
3	Azerbaijan	100.0	58	Bulgaria	63.8	113	Tanzania	22.7
4	Bahrain	100.0	59	Finland	55.9	114	Uganda	22.1
5	Belarus	100.0	60	Honduras	55.1	115	Cambodia	20.3
6	Brunei Darussalam	100.0	61	Australia	52.8	116	Germany	20.2
7	Costa Rica	100.0	62	Romania	52.1	117	Gabon	20.1
8	Cyprus	100.0	63	Norway	48.3	118	Pakistan	19.6
9	Djibouti	100.0	64	Ireland	48.1	119	Colombia	19.3
10	Dominican Republic	100.0	65	Malta	47.9	120	Senegal	19.1
11	Ecuador	100.0	66	Kazakhstan	47.2	121	France	18.6
12	Egypt	100.0	67	Luxembourg	44.2	122	Mozambique	18.0
13	El Salvador	100.0	68	Tunisia	44.2	123	North Korea	17.8
14	Eritrea	100.0	69	Kenya	43.6	124	South Africa	16.0
15	Estonia	100.0	70	Ukraine	43.5	125	Bangladesh	15.4
16	Fiji	100.0	71	Iraq	40.9	126	Indonesia	15.1
17	Georgia	100.0	72	Panama	40.1	127	Mali	13.2
18	Guyana	100.0	73	Czech Republic	39.7	128	Togo	12.6
19	Haiti	100.0	74	Malawi	38.8	129	Viet Nam	12.5
20	Iceland	100.0	75	Turkey	38.7	130	Ethiopia	12.4
21	Israel	100.0	76	Cuba	38.6	131	Sierra Leone	12.1
22	Jamaica	100.0	77	Denmark	38.3	132	South Korea	11.6
23	Jordan	100.0	78	Poland	38.0	133	Zimbabwe	11.5
24	Kuwait	100.0	79	Bosnia & Herzegovina	37.4	134	Italy	10.6
25	Latvia	100.0	80	Uzbekistan	37.1	135	Japan	9.3
26	Lebanon	100.0	81	Swaziland	36.3	136	Canada	9.3
27	Libya	100.0	82	Sweden	36.1	137	Benin	9.2
28	Lithuania	100.0	83	Gambia	35.2	138	Mexico	8.9
29	Macedonia	100.0	84	Malaysia	35.2	139	Botswana	8.8
30	Madagascar	100.0	85	United Kingdom	33.9	140	India	8.6
31	Maldives	100.0	86	Uruguay	33.7	141	Burkina Faso	8.6
32	Mauritania	100.0	87	Iran	33.4	142	Laos	8.3
33	Mauritius	100.0	88	Slovenia	33.0	143	Congo	8.2
34	Moldova	100.0	89	Greece	33.0	144	Argentina	7.1
35	Mongolia	100.0	90	Nepal	32.5	145	Ghana	6.9
36	Morocco	100.0	91	Saudi Arabia	32.5	146	Chad	6.8
37	New Zealand	100.0	92	Rwanda	32.4	147	Namibia	6.6
38	Nicaragua	100.0	93	Albania	32.3	148	Cameroon	5.8
39	Oman	100.0	94	Belize	32.2	149	Côte d'Ivoire	5.7
40	Papua New Guinea	100.0	95	Kyrgyzstan	31.7	150	Guinea	5.6
41	Philippines	100.0	96	Bhutan	31.6	151	Thailand	5.3
42	Qatar	100.0	97	Russia	31.3	152	Myanmar	5.0
43	Sao Tome & Principe	100.0	98	Belgium	30.9	153	Paraguay	4.8
44	Serbia & Montenegro	100.0	99	Tajikistan	30.4	154	Sudan	4.0
45	Slovakia	100.0	100	Netherlands	29.8	155	Zambia	2.1
46	Solomon Islands	100.0	101	Croatia	29.7	156	Nigeria	2.0
47	Sri Lanka	100.0	102	Burundi	28.4	157	Central African Rep.	0.7
48	Suriname	100.0	103	Niger	27.8	158	China	0.2
49	Syria	100.0	104	Austria	27.3	159	Angola	0.0
50	Trinidad & Tobago	100.0	105	Algeria	27.1	160	Bolivia	0.0
51	Turkmenistan	100.0	106	Switzerland	25.2	161	Brazil	0.0
52	Yemen	100.0	107	Spain	25.1	162	Dem. Rep. Congo	0.0
53	United Arab Emirates	83.3	108	Portugal	23.7	163	United States	0.0
54	Equatorial Guinea	75.9	109	Venezuela	23.0			
55	Chile	74.6	110	Guinea-Bissau	22.9			

Appendix 4.10.1: Water Quality Index

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Iceland	100.0	56	Czech Republic	74.5	111	Myanmar	45.7
2	New Zealand	99.2	57	Hungary	74.0	112	Namibia	45.7
3	Singapore	98.0	58	Netherlands	73.2	113	Guinea	45.5
4	Sweden	96.2	59	Viet Nam	72.7	114	Guinea-Bissau	45.5
5	Austria	95.1	60	Zimbabwe	71.9	115	Central African Rep.	45.2
6	Norway	95.1	61	Luxembourg	70.3	116	Tajikistan	45.1
7	Estonia	94.3	62	China	68.0	117	Turkmenistan	45.0
8	Bosnia & Herzegovina	93.5	63	Belgium	66.3	118	Mongolia	45.0
9	Canada	93.1	64	Sudan	65.2	119	Syria	45.0
10	Slovenia	93.0	65	Uruguay	63.4	120	Nigeria	44.8
11	Croatia	92.5	66	Tunisia	63.0	121	Chad	44.7
12	Panama	92.2	67	Morocco	62.9	122	Azerbaijan	44.3
13	Ireland	91.9	68	Pakistan	62.6	123	Belarus	44.3
14	Sri Lanka	91.7	69	Egypt	62.4	124	Togo	44.2
15	Latvia	90.5	70	Indonesia	62.2	125	Oman	44.2
16	Cambodia	90.0	71	Australia	61.7	126	North Korea	44.1
17	Philippines	89.3	72	Mexico	61.4	127	Sao Tome & Principe	43.7
18	Slovakia	89.2	73	Guatemala	59.9	128	Kazakhstan	43.4
19	Cuba	88.6	74	Macedonia	59.7	129	Botswana	42.9
20	Japan	87.8	75	Algeria	58.3	130	Bhutan	42.8
21	Fiji	87.7	76	Turkey	57.9	131	Guyana	42.8
22	Finland	87.6	77	Kenya	57.9	132	Ethiopia	42.8
23	Bangladesh	87.2	78	Israel	57.7	133	Iraq	42.7
24	Switzerland	86.9	79	Malaysia	54.6	134	Eritrea	42.5
25	France	86.5	80	Colombia	54.6	135	Saudi Arabia	42.4
26	Lithuania	85.9	81	Cameroon	52.9	136	Nicaragua	42.3
27	Brazil	85.4	82	Chile	52.6	137	Niger	42.2
28	Laos	85.1	83	Angola	51.8	138	Gabon	42.1
29	Tanzania	85.0	84	Paraguay	51.8	139	Antigua & Barbuda	41.7
30	South Korea	84.9	85	Armenia	51.0	140	Zambia	41.7
31	Argentina	84.3	86	Côte d'Ivoire	50.9	141	Kyrgyzstan	41.3
32	South Africa	84.2	87	Burkina Faso	50.5	142	Lebanon	40.6
33	Senegal	83.6	88	El Salvador	49.8	143	Venezuela	40.5
34	Serbia & Montenegro	83.6	89	Iran	49.8	144	Georgia	40.2
35	Ecuador	83.4	90	Honduras	49.7	145	Maldives	39.9
36	Peru	83.4	91	Libya	49.4	146	Burundi	39.8
37	Bolivia	83.4	92	Congo	49.0	147	Haiti	39.7
38	Spain	83.1	93	Sierra Leone	49.0	148	Papua New Guinea	39.6
39	Thailand	82.7	94	Belize	48.9	149	Uganda	39.5
40	Albania	82.5	95	Moldova	48.8	150	Suriname	38.7
41	Russia	82.4	96	Mauritius	48.8	151	Uzbekistan	38.0
42	Italy	82.2	97	Solomon Islands	48.7	152	Benin	37.2
43	Poland	81.6	98	Gambia	48.6	153	Djibouti	34.4
44	United Kingdom	81.6	99	Brunei Darussalam	48.6	154	Malawi	30.3
45	Romania	81.5	100	Dem. Rep. Congo	47.9	155	Jordan	30.0
46	Bulgaria	81.1	101	Costa Rica	47.7	156	Ukraine	29.8
47	India	78.9	102	Madagascar	47.6	157	Malta	23.9
48	Mali	78.6	103	Mozambique	46.6	158	Bahrain	..
49	Germany	78.6	104	Dominican Republic	46.5	159	Kuwait	..
50	Portugal	77.9	105	Trinidad & Tobago	46.3	160	Qatar	..
51	Ghana	77.8	106	Jamaica	46.2	161	Swaziland	..
52	United States	77.5	107	Equatorial Guinea	46.2	162	United Arab Emirates	..
53	Greece	77.1	108	Rwanda	46.1	163	Yemen	..
54	Cyprus	75.3	109	Nepal	46.0			
55	Denmark	74.9	110	Mauritania	45.8			

Appendix 4.11.1: Water Stress Index

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Albania	100.0	56	Haiti	77.6	111	Ethiopia	29.6
2	Austria	100.0	57	Serbia & Montenegro	77.5	112	Ecuador	28.3
3	Belize	100.0	58	Canada	76.7	113	Qatar	28.1
4	Benin	100.0	59	Papua New Guinea	75.8	114	China	27.9
5	Bhutan	100.0	60	Belarus	75.5	115	Kazakhstan	27.2
6	Bosnia & Herzegovina	100.0	61	Côte d'Ivoire	75.1	116	Dominican Republic	26.9
7	Burundi	100.0	62	Myanmar	74.5	117	Zimbabwe	26.9
8	Cambodia	100.0	63	Russia	73.3	118	Kyrgyzstan	26.8
9	Cameroon	100.0	64	Bolivia	72.9	119	United States	26.0
10	Congo	100.0	65	Denmark	71.7	120	Paraguay	23.7
11	Costa Rica	100.0	66	Brazil	71.7	121	Djibouti	23.7
12	Croatia	100.0	67	Honduras	71.4	122	Argentina	23.1
13	Cyprus	100.0	68	Estonia	70.0	123	Netherlands	23.1
14	Dem. Rep. Congo	100.0	69	Panama	69.8	124	Ukraine	23.0
15	El Salvador	100.0	70	Czech Republic	69.7	125	Algeria	22.8
16	Equatorial Guinea	100.0	71	Colombia	68.0	126	Hungary	22.7
17	Eritrea	100.0	72	Philippines	67.0	127	Libya	22.6
18	Fiji	100.0	73	Viet Nam	66.8	128	Iran	22.0
19	Gabon	100.0	74	North Korea	63.2	129	Egypt	21.9
20	Gambia	100.0	75	Swaziland	61.5	130	Iraq	21.4
21	Ghana	100.0	76	Greece	59.6	131	Turkmenistan	19.7
22	Guatemala	100.0	77	Nigeria	58.7	132	Cuba	19.1
23	Guinea	100.0	78	Lithuania	55.9	133	Niger	19.1
24	Guinea-Bissau	100.0	79	Angola	55.4	134	Botswana	17.7
25	Guyana	100.0	80	Poland	55.1	135	Azerbaijan	17.0
26	Ireland	100.0	81	Japan	54.9	136	Mexico	17.0
27	Jamaica	100.0	82	Georgia	50.3	137	Pakistan	15.6
28	Laos	100.0	83	France	46.6	138	India	15.5
29	Latvia	100.0	84	United Kingdom	46.6	139	Bulgaria	13.5
30	Luxembourg	100.0	85	Thailand	45.6	140	Spain	13.2
31	Macedonia	100.0	86	Bangladesh	45.5	141	Oman	12.9
32	Malta	100.0	87	Venezuela	43.4	142	United Arab Emirates	10.5
33	Mauritius	100.0	88	South Korea	43.4	143	Uzbekistan	10.2
34	Nicaragua	100.0	89	Portugal	42.9	144	Australia	8.3
35	Norway	100.0	90	Lebanon	42.8	145	Morocco	7.4
36	Rwanda	100.0	91	Sudan	41.4	146	Belgium	6.3
37	Sierra Leone	100.0	92	Tanzania	41.0	147	Saudi Arabia	5.5
38	Slovakia	100.0	93	Mongolia	40.2	148	Tunisia	5.3
39	Slovenia	100.0	94	Madagascar	39.0	149	Namibia	5.3
40	Solomon Islands	100.0	95	Burkina Faso	38.5	150	Moldova	4.1
41	Suriname	100.0	96	Senegal	36.5	151	South Africa	4.0
42	Switzerland	100.0	97	Mozambique	36.3	152	Syria	3.7
43	Togo	100.0	98	Mali	36.2	153	Yemen	3.6
44	Trinidad & Tobago	100.0	99	Kenya	35.6	154	Armenia	0.0
45	Uruguay	100.0	100	Turkey	35.6	155	Israel	0.0
46	Zambia	97.7	101	Malawi	35.6	156	Jordan	0.0
47	Indonesia	95.3	102	Tajikistan	35.4	157	Kuwait	0.0
48	Sweden	92.8	103	Mauritania	32.6	158	Antigua & Barbuda	..
49	Finland	91.6	104	Germany	32.5	159	Bahrain	..
50	Central African Rep.	90.5	105	Chad	31.8	160	Brunei Darussalam	..
51	Malaysia	86.8	106	Chile	31.7	161	Maldives	..
52	Iceland	84.4	107	Sri Lanka	31.7	162	Sao Tome & Principe	..
53	Nepal	84.4	108	Peru	31.5	163	Singapore	..
54	New Zealand	81.5	109	Romania	30.7			
55	Uganda	79.6	110	Italy	30.2			

Appendix 4.12.1: Water Scarcity Index

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Albania	100.0	56	Haiti	100.0	111	South Korea	100.0
2	Angola	100.0	57	Honduras	100.0	112	Spain	100.0
3	Antigua & Barbuda	100.0	58	Hungary	100.0	113	Sri Lanka	100.0
4	Argentina	100.0	59	Iceland	100.0	114	Suriname	100.0
5	Armenia	100.0	60	India	100.0	115	Swaziland	100.0
6	Australia	100.0	61	Indonesia	100.0	116	Sweden	100.0
7	Austria	100.0	62	Ireland	100.0	117	Switzerland	100.0
8	Azerbaijan	100.0	63	Italy	100.0	118	Tanzania	100.0
9	Bangladesh	100.0	64	Jamaica	100.0	119	Thailand	100.0
10	Belarus	100.0	65	Japan	100.0	120	Togo	100.0
11	Belize	100.0	66	Kazakhstan	100.0	121	Trinidad & Tobago	100.0
12	Benin	100.0	67	Kenya	100.0	122	Turkey	100.0
13	Bhutan	100.0	68	Laos	100.0	123	Uganda	100.0
14	Bolivia	100.0	69	Latvia	100.0	124	Ukraine	100.0
15	Botswana	100.0	70	Lebanon	100.0	125	United Kingdom	100.0
16	Brazil	100.0	71	Lithuania	100.0	126	United States	100.0
17	Brunei Darussalam	100.0	72	Luxembourg	100.0	127	Uruguay	100.0
18	Burkina Faso	100.0	73	Macedonia	100.0	128	Venezuela	100.0
19	Burundi	100.0	74	Madagascar	100.0	129	Viet Nam	100.0
20	Cambodia	100.0	75	Malawi	100.0	130	Zambia	100.0
21	Cameroon	100.0	76	Malaysia	100.0	131	Zimbabwe	100.0
22	Canada	100.0	77	Maldives	100.0	132	Bulgaria	99.0
23	Central African Rep.	100.0	78	Mali	100.0	133	Kyrgyzstan	96.8
24	Chad	100.0	79	Malta	100.0	134	Morocco	95.3
25	Chile	100.0	80	Mauritania	100.0	135	Belgium	87.2
26	China	100.0	81	Mauritius	100.0	136	Algeria	83.8
27	Colombia	100.0	82	Mexico	100.0	137	Sudan	75.6
28	Congo	100.0	83	Moldova	100.0	138	Tunisia	71.2
29	Costa Rica	100.0	84	Mongolia	100.0	139	Iran	62.2
30	Cuba	100.0	85	Mozambique	100.0	140	Tajikistan	52.3
31	Cyprus	100.0	86	Myanmar	100.0	141	Pakistan	51.8
32	Czech Republic	100.0	87	Namibia	100.0	142	Israel	48.7
33	Dem. Rep. Congo	100.0	88	Nepal	100.0	143	Oman	46.5
34	Denmark	100.0	89	Netherlands	100.0	144	Syria	43.8
35	Djibouti	100.0	90	New Zealand	100.0	145	Iraq	38.0
36	Dominican Republic	100.0	91	Nicaragua	100.0	146	Jordan	37.8
37	Ecuador	100.0	92	Niger	100.0	147	Egypt	29.1
38	El Salvador	100.0	93	Nigeria	100.0	148	Turkmenistan	18.5
39	Equatorial Guinea	100.0	94	North Korea	100.0	149	Bahrain	0.0
40	Eritrea	100.0	95	Norway	100.0	150	Kuwait	0.0
41	Estonia	100.0	96	Panama	100.0	151	Libya	0.0
42	Ethiopia	100.0	97	Papua New Guinea	100.0	152	Qatar	0.0
43	Fiji	100.0	98	Paraguay	100.0	153	Saudi Arabia	0.0
44	Finland	100.0	99	Peru	100.0	154	United Arab Emirates	0.0
45	France	100.0	100	Philippines	100.0	155	Uzbekistan	0.0
46	Gabon	100.0	101	Poland	100.0	156	Yemen	0.0
47	Gambia	100.0	102	Portugal	100.0	157	Bosnia & Herzegovi	..
48	Georgia	100.0	103	Romania	100.0	158	Côte d'Ivoire	..
49	Germany	100.0	104	Russia	100.0	159	Croatia	..
50	Ghana	100.0	105	Rwanda	100.0	160	Serbia & Montenegro	..
51	Greece	100.0	106	Sao Tome & Principe	100.0	161	Slovakia	..
52	Guatemala	100.0	107	Senegal	100.0	162	Slovenia	..
53	Guinea	100.0	108	Sierra Leone	100.0	163	Solomon Islands	..
54	Guinea-Bissau	100.0	109	Singapore	100.0			
55	Guyana	100.0	110	South Africa	100.0			

Appendix 4.13.1: Biome Protection

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Austria	100.0	56	Thailand	94.4	111	South Africa	49.8
2	Belize	100.0	57	Brazil	94.0	112	Sierra Leone	49.4
3	Bhutan	100.0	58	Sri Lanka	94.0	113	Singapore	48.4
4	Bolivia	100.0	59	Ecuador	93.8	114	Mauritius	48.1
5	Botswana	100.0	60	Gabon	93.4	115	Eritrea	48.1
6	Brunei Darussalam	100.0	61	Pakistan	92.8	116	India	45.2
7	Burkina Faso	100.0	62	Oman	91.9	117	Lithuania	44.1
8	Cambodia	100.0	63	Guatemala	90.9	118	Macedonia	40.2
9	Central African Rep.	100.0	64	Bulgaria	89.1	119	South Korea	39.0
10	Costa Rica	100.0	65	Jordan	88.5	120	Argentina	39.0
11	Côte d'Ivoire	100.0	66	Congo	88.2	121	Sudan	38.6
12	Cyprus	100.0	67	Iceland	87.3	122	Tajikistan	38.1
13	Czech Republic	100.0	68	Kenya	86.7	123	Greece	37.9
14	Equatorial Guinea	100.0	69	New Zealand	86.5	124	Georgia	35.2
15	Estonia	100.0	70	Peru	86.3	125	Kyrgyzstan	34.4
16	France	100.0	71	China	85.7	126	Ukraine	34.3
17	Germany	100.0	72	Rwanda	85.0	127	Morocco	31.8
18	Guinea-Bissau	100.0	73	Russia	83.7	128	Guyana	30.9
19	Indonesia	100.0	74	Finland	82.9	129	Madagascar	30.5
20	Jamaica	100.0	75	Cameroon	81.7	130	Turkmenistan	30.4
21	Japan	100.0	76	Italy	81.4	131	Swaziland	30.1
22	Laos	100.0	77	Mongolia	80.7	132	Belgium	26.6
23	Latvia	100.0	78	Dominican Republic	80.5	133	Mali	24.3
24	Luxembourg	100.0	79	Nepal	79.6	134	El Salvador	23.9
25	Malaysia	100.0	80	Spain	79.1	135	Kazakhstan	22.7
26	Malta	100.0	81	Israel	78.2	136	Uzbekistan	21.8
27	Netherlands	100.0	82	Nicaragua	77.9	137	North Korea	21.6
28	Philippines	100.0	83	Canada	77.7	138	Papua New Guinea	21.3
29	Poland	100.0	84	Croatia	77.3	139	Serbia & Montenegro	20.2
30	Saudi Arabia	100.0	85	Australia	75.6	140	Turkey	18.7
31	Slovakia	100.0	86	Armenia	73.8	141	Fiji	18.5
32	Switzerland	100.0	87	Chad	73.5	142	Bangladesh	18.0
33	Tanzania	100.0	88	Belarus	70.1	143	Kuwait	15.9
34	Togo	100.0	89	Mexico	69.1	144	Gambia	14.6
35	Uganda	100.0	90	Niger	68.9	145	Moldova	12.8
36	United Kingdom	100.0	91	Iran	68.5	146	Bahrain	12.7
37	Venezuela	100.0	92	Guinea	67.6	147	Tunisia	12.6
38	Zambia	100.0	93	Azerbaijan	67.6	148	Ireland	9.3
39	Zimbabwe	100.0	94	Chile	67.0	149	Syria	6.4
40	Ethiopia	99.9	95	Cuba	65.9	150	Mauritania	5.4
41	Dem. Rep. Congo	99.9	96	Portugal	64.8	151	Lebanon	4.4
42	Senegal	99.6	97	Sweden	63.7	152	Qatar	4.0
43	Ghana	99.4	98	Algeria	63.1	153	Bosnia & Herzegovi	3.8
44	Nigeria	99.3	99	Slovenia	62.5	154	Haiti	2.7
45	Benin	98.9	100	Norway	61.0	155	Uruguay	2.4
46	Angola	98.4	101	United States	60.8	156	Libya	1.1
47	Namibia	98.1	102	Egypt	59.0	157	Solomon Islands	0.9
48	Honduras	97.5	103	Viet Nam	56.0	158	Djibouti	0.0
49	Mozambique	97.5	104	Myanmar	56.0	159	Iraq	0.0
50	Malawi	97.3	105	Romania	55.7	160	Maldives	0.0
51	Trinidad & Tobago	97.2	106	Antigua & Barbuda	53.5	161	Sao Tome & Principe	0.0
52	Panama	96.7	107	Paraguay	53.0	162	United Arab Emirates	0.0
53	Albania	96.3	108	Burundi	51.5	163	Yemen	0.0
54	Suriname	95.4	109	Denmark	50.5			
55	Colombia	95.1	110	Hungary	50.0			

Appendix 4.14.1: Marine Protection

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Cameroon	100.0	56	Algeria	18.3	111	Solomon Islands	0.2
2	Dominican Republic	100.0	57	India	17.5	112	Ireland	0.2
3	Ecuador	100.0	58	Canada	17.3	113	Guinea-Bissau	0.1
4	Germany	100.0	59	Jamaica	17.1	114	Benin	0.0
5	Jordan	100.0	60	Slovenia	17.0	115	Bosnia & Herzegovi	0.0
6	South Africa	100.0	61	Greece	16.9	116	Dem. Rep. Congo	0.0
7	Colombia	93.2	62	Bahrain	16.3	117	Eritrea	0.0
8	Australia	90.7	63	United Kingdom	15.2	118	Ghana	0.0
9	Belize	87.2	64	Syria	14.8	119	Guinea	0.0
10	Romania	87.0	65	Iceland	13.6	120	Guyana	0.0
11	United States	84.2	66	Senegal	13.5	121	Haiti	0.0
12	Mauritania	67.3	67	Qatar	12.8	122	Iraq	0.0
13	Venezuela	60.0	68	Guatemala	11.6	123	Namibia	0.0
14	Egypt	59.6	69	New Zealand	11.3	124	Nigeria	0.0
15	Denmark	59.3	70	Suriname	11.0	125	North Korea	0.0
16	Estonia	54.1	71	China	9.8	126	Sao Tome & Principe	0.0
17	Lithuania	53.9	72	Peru	9.3	127	Sierra Leone	0.0
18	Russia	53.6	73	Equatorial Guinea	8.3	128	Armenia	..
19	Sweden	53.2	74	Sri Lanka	8.0	129	Austria	..
20	Mozambique	45.5	75	Libya	7.9	130	Azerbaijan	..
21	Saudi Arabia	45.4	76	Japan	7.6	131	Belarus	..
22	Panama	41.7	77	Argentina	7.0	132	Bhutan	..
23	Ukraine	40.0	78	Djibouti	6.9	133	Bolivia	..
24	Serbia & Montenegro	38.8	79	Brunei Darussalam	6.6	134	Botswana	..
25	Croatia	38.6	80	Morocco	6.6	135	Burkina Faso	..
26	Angola	37.0	81	Yemen	6.4	136	Burundi	..
27	Tanzania	36.6	82	Myanmar	6.3	137	Central African Rep.	..
28	Thailand	36.0	83	Madagascar	5.9	138	Chad	..
29	Israel	34.6	84	Nicaragua	5.7	139	Czech Republic	..
30	Iran	32.2	85	Bangladesh	5.7	140	Ethiopia	..
31	Kenya	32.1	86	Papua New Guinea	5.5	141	Hungary	..
32	Singapore	31.8	87	Latvia	5.2	142	Kazakhstan	..
33	Turkey	31.1	88	United Arab Emirates	4.7	143	Kyrgyzstan	..
34	Mexico	30.9	89	Oman	4.6	144	Laos	..
35	Malaysia	29.6	90	Norway	3.6	145	Luxembourg	..
36	Indonesia	29.4	91	Antigua & Barbuda	3.5	146	Macedonia	..
37	Gabon	28.0	92	Togo	3.4	147	Malawi	..
38	Cambodia	26.9	93	Viet Nam	3.0	148	Mali	..
39	Italy	26.7	94	Portugal	2.3	149	Moldova	..
40	Brazil	26.2	95	Tunisia	2.2	150	Mongolia	..
41	Finland	25.9	96	Trinidad & Tobago	1.9	151	Nepal	..
42	Pakistan	25.8	97	Georgia	1.8	152	Niger	..
43	Congo	25.3	98	Côte d'Ivoire	1.7	153	Paraguay	..
44	Gambia	22.2	99	Chile	1.2	154	Rwanda	..
45	Honduras	21.9	100	Belgium	1.1	155	Slovakia	..
46	Poland	21.8	101	Lebanon	0.9	156	Swaziland	..
47	Spain	20.8	102	Fiji	0.8	157	Switzerland	..
48	Kuwait	20.8	103	Cyprus	0.7	158	Tajikistan	..
49	Philippines	20.3	104	Sudan	0.5	159	Turkmenistan	..
50	Netherlands	20.2	105	Maldives	0.5	160	Uganda	..
51	Cuba	19.8	106	Bulgaria	0.4	161	Uzbekistan	..
52	France	19.7	107	Uruguay	0.3	162	Zambia	..
53	South Korea	19.6	108	Malta	0.2	163	Zimbabwe	..
54	Albania	19.2	109	Mauritius	0.2			
55	Costa Rica	18.6	110	El Salvador	0.2			

Appendix 4.15.1: Critical Habitat Protection

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Equatorial Guinea	100.0	56	Haiti	7.1	111	Kazakhstan	..
2	Ghana	100.0	57	Angola	0.0	112	Kuwait	..
3	Israel	100.0	58	Antigua & Barbuda	0.0	113	Laos	..
4	Italy	100.0	59	Armenia	0.0	114	Latvia	..
5	Kenya	100.0	60	Djibouti	0.0	115	Lebanon	..
6	Malawi	100.0	61	Guatemala	0.0	116	Libya	..
7	Nigeria	100.0	62	Iran	0.0	117	Lithuania	..
8	Portugal	100.0	63	Kyrgyzstan	0.0	118	Luxembourg	..
9	Russia	100.0	64	Mozambique	0.0	119	Macedonia	..
10	Sri Lanka	100.0	65	Oman	0.0	120	Maldives	..
11	Tanzania	85.7	66	Pakistan	0.0	121	Mali	..
12	Mauritius	83.3	67	Sao Tome & Principe	0.0	122	Malta	..
13	Dominican Republic	83.3	68	Solomon Islands	0.0	123	Mauritania	..
14	New Zealand	78.6	69	Turkey	0.0	124	Moldova	..
15	Costa Rica	75.0	70	Albania	..	125	Mongolia	..
16	Canada	75.0	71	Algeria	..	126	Morocco	..
17	Zimbabwe	75.0	72	Austria	..	127	Namibia	..
18	Ethiopia	75.0	73	Azerbaijan	..	128	Nepal	..
19	Australia	69.4	74	Bahrain	..	129	Netherlands	..
20	United Kingdom	66.7	75	Bangladesh	..	130	Nicaragua	..
21	Malaysia	66.7	76	Belarus	..	131	Niger	..
22	Madagascar	59.4	77	Belgium	..	132	North Korea	..
23	United States	57.9	78	Belize	..	133	Norway	..
24	Venezuela	52.8	79	Benin	..	134	Paraguay	..
25	France	50.0	80	Bhutan	..	135	Poland	..
26	Panama	50.0	81	Bosnia & Herzegovina	..	136	Qatar	..
27	Spain	50.0	82	Botswana	..	137	Romania	..
28	Greece	50.0	83	Brunei Darussalam	..	138	Rwanda	..
29	Viet Nam	50.0	84	Bulgaria	..	139	Saudi Arabia	..
30	Côte d'Ivoire	50.0	85	Burkina Faso	..	140	Senegal	..
31	Trinidad & Tobago	50.0	86	Burundi	..	141	Serbia & Montenegro	..
32	South Africa	50.0	87	Cambodia	..	142	Sierra Leone	..
33	Uganda	50.0	88	Central African Rep.	..	143	Singapore	..
34	Guinea	50.0	89	Chad	..	144	Slovakia	..
35	China	47.7	90	Congo	..	145	Slovenia	..
36	Colombia	47.1	91	Croatia	..	146	South Korea	..
37	Cuba	47.1	92	Cyprus	..	147	Sudan	..
38	India	46.7	93	Czech Republic	..	148	Suriname	..
39	Japan	45.0	94	Denmark	..	149	Swaziland	..
40	Ecuador	44.1	95	Egypt	..	150	Sweden	..
41	Bolivia	42.9	96	El Salvador	..	151	Switzerland	..
42	Argentina	40.0	97	Eritrea	..	152	Syria	..
43	Jamaica	40.0	98	Estonia	..	153	Tajikistan	..
44	Philippines	36.4	99	Finland	..	154	Thailand	..
45	Mexico	35.3	100	Gabon	..	155	Togo	..
46	Dem. Rep. Congo	33.3	101	Gambia	..	156	Tunisia	..
47	Honduras	32.1	102	Georgia	..	157	Turkmenistan	..
48	Brazil	31.0	103	Germany	..	158	Ukraine	..
49	Fiji	30.0	104	Guinea-Bissau	..	159	United Arab Emirates	..
50	Peru	29.3	105	Guyana	..	160	Uruguay	..
51	Chile	28.6	106	Hungary	..	161	Uzbekistan	..
52	Indonesia	23.3	107	Iceland	..	162	Yemen	..
53	Myanmar	16.7	108	Iraq	..	163	Zambia	..
54	Cameroon	16.7	109	Ireland	..			
55	Papua New Guinea	14.3	110	Jordan	..			

Appendix 4.16.1: Annual Change in Forest Cover

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Albania	100.0	56	Oman	100.0	111	Papua New Guinea	84.4
2	Algeria	100.0	57	Poland	100.0	112	Senegal	84.4
3	Antigua & Barbuda	100.0	58	Portugal	100.0	113	Brazil	81.3
4	Austria	100.0	59	Qatar	100.0	114	Venezuela	81.3
5	Azerbaijan	100.0	60	Rwanda	100.0	115	Malaysia	78.2
6	Bahrain	100.0	61	Sao Tome & Principe	100.0	116	Brunei Darussalam	78.2
7	Belarus	100.0	62	Saudi Arabia	100.0	117	Chad	78.2
8	Belgium	100.0	63	Serbia & Montenegro	100.0	118	Haiti	78.2
9	Belize	100.0	64	Singapore	100.0	119	Sierra Leone	78.2
10	Bhutan	100.0	65	Slovakia	100.0	120	Sudan	75.1
11	Bosnia & Herzegovina	100.0	66	Slovenia	100.0	121	Mongolia	75.1
12	Bulgaria	100.0	67	South Africa	100.0	122	Mali	75.1
13	Canada	100.0	68	Spain	100.0	123	Paraguay	72.0
14	Chile	100.0	69	Suriname	100.0	124	Namibia	72.0
15	China	100.0	70	Swaziland	100.0	125	Malawi	72.0
16	Costa Rica	100.0	71	Switzerland	100.0	126	Equatorial Guinea	72.0
17	Côte d'Ivoire	100.0	72	Syria	100.0	127	Zambia	68.9
18	Croatia	100.0	73	Tajikistan	100.0	128	Cameroon	68.9
19	Cuba	100.0	74	Tunisia	100.0	129	Botswana	68.9
20	Cyprus	100.0	75	Turkey	100.0	130	Niger	68.9
21	Czech Republic	100.0	76	Turkmenistan	100.0	131	Tanzania	65.8
22	Denmark	100.0	77	Ukraine	100.0	132	Ethiopia	65.8
23	Djibouti	100.0	78	United Arab Emirates	100.0	133	Nicaragua	59.6
24	Dominican Republic	100.0	79	United Kingdom	100.0	134	Guatemala	59.6
25	Egypt	100.0	80	United States	100.0	135	Nepal	56.5
26	Estonia	100.0	81	Uruguay	100.0	136	Myanmar	56.5
27	Fiji	100.0	82	Uzbekistan	100.0	137	Sri Lanka	53.3
28	France	100.0	83	Viet Nam	100.0	138	Armenia	53.3
29	Gambia	100.0	84	Yemen	100.0	139	Ecuador	47.1
30	Germany	100.0	85	Colombia	96.9	140	El Salvador	47.1
31	Greece	100.0	86	Panama	96.9	141	Solomon Islands	47.1
32	Guyana	100.0	87	Peru	96.9	142	Zimbabwe	47.1
33	Hungary	100.0	88	Australia	96.9	143	North Korea	40.9
34	Iceland	100.0	89	Jamaica	96.9	144	Ghana	37.8
35	Iran	100.0	90	South Korea	96.9	145	Indonesia	37.8
36	Iraq	100.0	91	Congo	96.9	146	Cambodia	37.8
37	Ireland	100.0	92	Central African Rep.	96.9	147	Philippines	34.7
38	Israel	100.0	93	Kazakhstan	93.8	148	Pakistan	34.7
39	Italy	100.0	94	Trinidad & Tobago	93.8	149	Uganda	31.6
40	Jordan	100.0	95	Dem. Rep. Congo	93.8	150	Benin	22.2
41	Kuwait	100.0	96	Angola	93.8	151	Honduras	3.6
42	Kyrgyzstan	100.0	97	Eritrea	90.7	152	Burundi	0.0
43	Latvia	100.0	98	Kenya	90.7	153	Mauritania	0.0
44	Lebanon	100.0	99	Mozambique	90.7	154	Nigeria	0.0
45	Libya	100.0	100	Madagascar	90.7	155	Togo	0.0
46	Lithuania	100.0	101	Burkina Faso	90.7	156	Finland	..
47	Luxembourg	100.0	102	Bangladesh	90.7	157	Gabon	..
48	Macedonia	100.0	103	Mexico	87.6	158	Georgia	..
49	Maldives	100.0	104	Thailand	87.6	159	India	..
50	Malta	100.0	105	Argentina	87.6	160	Japan	..
51	Moldova	100.0	106	Mauritius	84.4	161	Romania	..
52	Morocco	100.0	107	Laos	84.4	162	Russia	..
53	Netherlands	100.0	108	Guinea-Bissau	84.4	163	Sweden	..
54	New Zealand	100.0	109	Guinea	84.4			
55	Norway	100.0	110	Bolivia	84.4			

Appendix 4.17.1: Growing Stock Rate

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Albania	100.0	56	Russia	100.0	111	Namibia	81.3
2	Algeria	100.0	57	Rwanda	100.0	112	Botswana	81.0
3	Austria	100.0	58	Sao Tome & Principe	100.0	113	Cameroon	80.3
4	Azerbaijan	100.0	59	Saudi Arabia	100.0	114	Zambia	79.8
5	Belarus	100.0	60	Serbia & Montenegro	100.0	115	Argentina	78.1
6	Belgium	100.0	61	Slovakia	100.0	116	Panama	77.4
7	Belize	100.0	62	Slovenia	100.0	117	Tanzania	75.6
8	Bhutan	100.0	63	South Africa	100.0	118	Nicaragua	74.6
9	Bosnia & Herzegovina	100.0	64	South Korea	100.0	119	Guatemala	74.3
10	Bulgaria	100.0	65	Spain	100.0	120	Nepal	72.9
11	Canada	100.0	66	Suriname	100.0	121	Armenia	72.7
12	Chile	100.0	67	Sweden	100.0	122	Ethiopia	72.4
13	China	100.0	68	Switzerland	100.0	123	North Korea	68.0
14	Costa Rica	100.0	69	Trinidad & Tobago	100.0	124	Burkina Faso	67.6
15	Côte d'Ivoire	100.0	70	Tunisia	100.0	125	Zimbabwe	67.5
16	Croatia	100.0	71	Turkey	100.0	126	Ghana	64.8
17	Cuba	100.0	72	Turkmenistan	100.0	127	Philippines	61.2
18	Cyprus	100.0	73	Ukraine	100.0	128	Cambodia	60.0
19	Czech Republic	100.0	74	United Arab Emirates	100.0	129	Honduras	57.6
20	Denmark	100.0	75	United Kingdom	100.0	130	Uganda	56.6
21	Djibouti	100.0	76	United States	100.0	131	Sri Lanka	55.8
22	Dominican Republic	100.0	77	Uzbekistan	100.0	132	Pakistan	50.7
23	Egypt	100.0	78	Viet Nam	100.0	133	Nigeria	44.1
24	Finland	100.0	79	Yemen	100.0	134	Mauritania	36.9
25	France	100.0	80	Gabon	99.1	135	Indonesia	0.0
26	Gambia	100.0	81	Congo	98.5	136	Antigua & Barbuda	..
27	Georgia	100.0	82	Central African Rep.	97.5	137	Australia	..
28	Germany	100.0	83	Swaziland	95.9	138	Bahrain	..
29	Greece	100.0	84	Angola	95.8	139	Benin	..
30	Hungary	100.0	85	Dem. Rep. Congo	95.3	140	Burundi	..
31	Iceland	100.0	86	Mozambique	94.9	141	Colombia	..
32	India	100.0	87	Madagascar	94.3	142	Ecuador	..
33	Iran	100.0	88	Guinea-Bissau	92.2	143	El Salvador	..
34	Ireland	100.0	89	Thailand	92.1	144	Eritrea	..
35	Israel	100.0	90	Kenya	91.3	145	Fiji	..
36	Italy	100.0	91	Bolivia	91.0	146	Guyana	..
37	Jamaica	100.0	92	Estonia	90.7	147	Iraq	..
38	Japan	100.0	93	Laos	90.6	148	Kuwait	..
39	Jordan	100.0	94	Papua New Guinea	90.5	149	Lebanon	..
40	Kazakhstan	100.0	95	Senegal	90.4	150	Maldives	..
41	Kyrgyzstan	100.0	96	Myanmar	89.9	151	Mexico	..
42	Latvia	100.0	97	Guinea	89.5	152	New Zealand	..
43	Libya	100.0	98	Mauritius	88.5	153	Oman	..
44	Lithuania	100.0	99	Chad	87.6	154	Paraguay	..
45	Luxembourg	100.0	100	Haiti	87.6	155	Peru	..
46	Macedonia	100.0	101	Brunei Darussalam	86.1	156	Qatar	..
47	Malaysia	100.0	102	Tajikistan	84.9	157	Sierra Leone	..
48	Malta	100.0	103	Bangladesh	84.6	158	Singapore	..
49	Moldova	100.0	104	Mongolia	84.5	159	Solomon Islands	..
50	Morocco	100.0	105	Mali	84.4	160	Syria	..
51	Netherlands	100.0	106	Niger	83.9	161	Togo	..
52	Norway	100.0	107	Brazil	83.5	162	Uruguay	..
53	Poland	100.0	108	Sudan	83.3	163	Venezuela	..
54	Portugal	100.0	109	Equatorial Guinea	82.1			
55	Romania	100.0	110	Malawi	81.6			

Appendix 4.18.1: Marine Trophic Index Slope

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Albania	100.0	56	Solomon Islands	100.0	111	Mauritania	68.0
2	Australia	100.0	57	South Korea	100.0	112	Denmark	67.1
3	Benin	100.0	58	Spain	100.0	113	Uruguay	66.1
4	Bosnia & Herzegovina	100.0	59	Sudan	100.0	114	Italy	63.0
5	Brazil	100.0	60	Syria	100.0	115	Mozambique	60.0
6	Cambodia	100.0	61	Thailand	100.0	116	Sweden	56.2
7	Chile	100.0	62	Trinidad & Tobago	100.0	117	Antigua & Barbuda	52.5
8	China	100.0	63	United Arab Emirates	100.0	118	Bangladesh	52.0
9	Congo	100.0	64	United Kingdom	100.0	119	Finland	48.7
10	Costa Rica	100.0	65	United States	100.0	120	Estonia	39.0
11	Côte d'Ivoire	100.0	66	Togo	99.0	121	Poland	36.9
12	Croatia	100.0	67	Angola	99.0	122	Latvia	36.4
13	Cuba	100.0	68	Bulgaria	98.7	123	Lithuania	34.1
14	Cyprus	100.0	69	Viet Nam	97.5	124	Jamaica	31.3
15	Djibouti	100.0	70	Belgium	97.5	125	Oman	22.0
16	Ecuador	100.0	71	Morocco	96.5	126	Canada	0.0
17	Egypt	100.0	72	Ukraine	96.0	127	Gambia	0.0
18	El Salvador	100.0	73	Georgia	95.8	128	Armenia	..
19	Equatorial Guinea	100.0	74	Brunei Darussalam	95.8	129	Austria	..
20	Eritrea	100.0	75	Greece	95.2	130	Azerbaijan	..
21	Fiji	100.0	76	Dominican Republic	94.0	131	Belarus	..
22	France	100.0	77	Maldives	93.4	132	Bhutan	..
23	Gabon	100.0	78	Ghana	93.0	133	Bolivia	..
24	India	100.0	79	Cameroon	92.6	134	Botswana	..
25	Indonesia	100.0	80	Jordan	90.9	135	Burkina Faso	..
26	Iran	100.0	81	Tunisia	90.7	136	Burundi	..
27	Ireland	100.0	82	Netherlands	90.5	137	Central African Rep.	..
28	Israel	100.0	83	Romania	90.1	138	Chad	..
29	Japan	100.0	84	South Africa	89.6	139	Czech Republic	..
30	Kenya	100.0	85	Guinea-Bissau	89.5	140	Ethiopia	..
31	Lebanon	100.0	86	Sri Lanka	88.2	141	Hungary	..
32	Libya	100.0	87	Belize	87.9	142	Kazakhstan	..
33	Madagascar	100.0	88	Algeria	87.9	143	Kyrgyzstan	..
34	Malaysia	100.0	89	Dem. Rep. Congo	87.9	144	Laos	..
35	Malta	100.0	90	Guinea	87.3	145	Luxembourg	..
36	Mauritius	100.0	91	Haiti	86.6	146	Macedonia	..
37	Mexico	100.0	92	Iceland	86.4	147	Malawi	..
38	Myanmar	100.0	93	Guatemala	85.9	148	Mali	..
39	Namibia	100.0	94	Senegal	85.0	149	Moldova	..
40	New Zealand	100.0	95	Yemen	83.7	150	Mongolia	..
41	Nicaragua	100.0	96	Kuwait	83.6	151	Nepal	..
42	North Korea	100.0	97	Tanzania	83.5	152	Niger	..
43	Norway	100.0	98	Papua New Guinea	83.0	153	Paraguay	..
44	Pakistan	100.0	99	Venezuela	82.2	154	Rwanda	..
45	Panama	100.0	100	Nigeria	79.0	155	Slovakia	..
46	Peru	100.0	101	Argentina	78.6	156	Swaziland	..
47	Philippines	100.0	102	Colombia	78.2	157	Switzerland	..
48	Portugal	100.0	103	Turkey	76.9	158	Tajikistan	..
49	Qatar	100.0	104	Iraq	76.7	159	Turkmenistan	..
50	Russia	100.0	105	Suriname	75.8	160	Uganda	..
51	Sao Tome & Principe	100.0	106	Sierra Leone	73.0	161	Uzbekistan	..
52	Saudi Arabia	100.0	107	Honduras	72.7	162	Zambia	..
53	Serbia & Montenegro	100.0	108	Guyana	71.1	163	Zimbabwe	..
54	Singapore	100.0	109	Bahrain	70.7			
55	Slovenia	100.0	110	Germany	70.6			

Appendix 4.19.1: Trawling and Dredging Intensity

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Sao Tome and Princi	100.0	56	France	75.2	111	Denmark	5.9
2	Maldives	99.4	57	United States of Ameri	75.1	112	Malaysia	5.7
3	Mauritius	99.1	58	Italy	75.1	113	Germany	2.1
4	Colombia	99.0	59	Angola	74.5	114	Jordan	1.3
5	Antigua and Barbuda	98.6	60	Senegal	73.9	115	Bahrain	0.0
6	Costa Rica	98.2	61	Sierra Leone	73.7	116	Bangladesh	0.0
7	Romania	98.1	62	Haiti	72.9	117	Belgium	0.0
8	Estonia	96.8	63	New Zealand	72.7	118	Bosnia and Herzegovi	0.0
9	Fiji	95.9	64	Mozambique	72.3	119	Cambodia	0.0
10	Papua New Guinea	95.7	65	Madagascar	72.1	120	Guyana	0.0
11	Equatorial Guinea	95.5	66	India	71.9	121	Iraq	0.0
12	Cyprus	95.3	67	Syria	71.4	122	Kuwait	0.0
13	Solomon Islands	95.2	68	South Africa	70.5	123	Myanmar	0.0
14	Ecuador	94.8	69	Oman	69.0	124	Netherlands	0.0
15	Portugal	94.6	70	Venezuela	68.4	125	Singapore	0.0
16	Australia	93.1	71	Mauritania	68.1	126	Slovenia	0.0
17	Jamaica	92.3	72	Pakistan	67.8	127	United Arab Emirates	0.0
18	Nicaragua	91.9	73	Canada	67.5	128	Armenia	..
19	Kenya	91.3	74	Yemen	66.7	129	Austria	..
20	Honduras	91.3	75	Togo	65.8	130	Azerbaijan	..
21	Lebanon	91.0	76	Congo	64.6	131	Belarus	..
22	Finland	90.3	77	Guinea-Bissau	64.0	132	Bhutan	..
23	Cuba	88.6	78	Gambia	61.8	133	Bolivia	..
24	Bulgaria	87.7	79	Croatia	61.0	134	Botswana	..
25	Chile	87.2	80	Greece	59.9	135	Burkina Faso	..
26	Dem. Rep. Congo	86.9	81	Poland	58.9	136	Burundi	..
27	Georgia	85.2	82	Guinea	56.1	137	Central African	..
28	Latvia	85.0	83	Saudi Arabia	55.5	138	Chad	..
29	Trinidad and Tobago	84.4	84	Morocco	55.1	139	Czech Republic	..
30	Russia	83.9	85	Namibia	54.8	140	Ethiopia	..
31	Belize	83.7	86	Egypt	53.6	141	Hungary	..
32	Israel	83.3	87	Philippines	52.5	142	Kazakhstan	..
33	Algeria	83.3	88	United Kingdom	52.5	143	Kyrgyzstan	..
34	Tanzania	83.3	89	Nigeria	52.2	144	Laos	..
35	Dominican Republic	83.0	90	Lithuania	50.3	145	Luxembourg	..
36	Benin	83.0	91	North Korea	49.0	146	Macedonia	..
37	Panama	82.9	92	Iceland	46.5	147	Malawi	..
38	Côte d'Ivoire	82.4	93	Norway	44.8	148	Mali	..
39	Libyan Arab Jamahiri	82.0	94	Suriname	44.6	149	Moldova	..
40	Serbia and	81.9	95	Indonesia	40.8	150	Mongolia	..
41	Ghana	81.1	96	Ireland	39.0	151	Nepal	..
42	Sri Lanka	79.9	97	Uruguay	35.2	152	Niger	..
43	Spain	79.6	98	Turkey	34.4	153	Paraguay	..
44	Brazil	79.4	99	Qatar	32.1	154	Rwanda	..
45	Mexico	79.2	100	Albania	25.1	155	Slovakia	..
46	Sudan	78.6	101	Brunei Darussalam	25.0	156	Swaziland	..
47	Malta	78.5	102	Djibouti	23.9	157	Switzerland	..
48	Eritrea	78.2	103	Thailand	20.3	158	Tajikistan	..
49	Guatemala	77.8	104	South Korea	19.9	159	Turkmenistan	..
50	Peru	77.1	105	Argentina	17.5	160	Uganda	..
51	Ukraine	77.0	106	Iran	14.7	161	Uzbekistan	..
52	Gabon	76.9	107	China	13.1	162	Zambia	..
53	Sweden	76.8	108	Cameroon	9.4	163	Zimbabwe	..
54	El Salvador	76.6	109	Viet Nam	6.5			
55	Japan	75.3	110	Tunisia	6.3			

Appendix 4.20.1: Agricultural Water Intensity

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Albania	100.0	56	Indonesia	100.0	111	Mauritania	89.0
2	Angola	100.0	57	Ireland	100.0	112	Mexico	88.8
3	Antigua and Barbuda	100.0	58	Jamaica	100.0	113	Turkey	86.9
4	Argentina	100.0	59	Kenya	100.0	114	Ukraine	86.1
5	Australia	100.0	60	Laos	100.0	115	Cuba	84.2
6	Austria	100.0	61	Latvia	100.0	116	China	83.4
7	Bangladesh	100.0	62	Lithuania	100.0	117	South Africa	81.8
8	Belarus	100.0	63	Madagascar	100.0	118	Zimbabwe	79.5
9	Belgium	100.0	64	Malawi	100.0	119	Lebanon	77.7
10	Belize	100.0	65	Malaysia	100.0	120	Mauritius	76.4
11	Benin	100.0	66	Maldives	100.0	121	Thailand	72.8
12	Bhutan	100.0	67	Mali	100.0	122	Malta	72.1
13	Bolivia	100.0	68	Moldova	100.0	123	Spain	68.2
14	Botswana	100.0	69	Mongolia	100.0	124	Swaziland	67.1
15	Brazil	100.0	70	Mozambique	100.0	125	Cyprus	66.9
16	Bulgaria	100.0	71	Myanmar	100.0	126	Armenia	64.2
17	Burkina Faso	100.0	72	Namibia	100.0	127	Sri Lanka	64.1
18	Burundi	100.0	73	Nepal	100.0	128	Kazakhstan	60.5
19	Cambodia	100.0	74	Netherlands	100.0	129	Azerbaijan	59.3
20	Cameroon	100.0	75	New Zealand	100.0	130	India	55.1
21	Canada	100.0	76	Nicaragua	100.0	131	Algeria	49.7
22	Central African Repub	100.0	77	Niger	100.0	132	Morocco	44.7
23	Chad	100.0	78	Nigeria	100.0	133	Kyrgyzstan	41.4
24	Chile	100.0	79	North Korea	100.0	134	Tunisia	35.4
25	Colombia	100.0	80	Norway	100.0	135	Sudan	28.1
26	Congo	100.0	81	Panama	100.0	136	Iran	23.3
27	Costa Rica	100.0	82	Papua New Guinea	100.0	137	Israel	22.7
28	Côte d'Ivoire	100.0	83	Paraguay	100.0	138	Jordan	21.5
29	Czech Republic	100.0	84	Peru	100.0	139	Tajikistan	19.3
30	Dem. Rep. Congo	100.0	85	Philippines	100.0	140	Iraq	19.2
31	Denmark	100.0	86	Poland	100.0	141	Pakistan	17.1
32	Djibouti	100.0	87	Romania	100.0	142	Oman	10.8
33	Ecuador	100.0	88	Russia	100.0	143	Syria	8.9
34	El Salvador	100.0	89	Rwanda	100.0	144	Turkmenistan	4.2
35	Equatorial Guinea	100.0	90	Senegal	100.0	145	Egypt	1.7
36	Eritrea	100.0	91	Sierra Leone	100.0	146	Bahrain	0.0
37	Estonia	100.0	92	Singapore	100.0	147	Kuwait	0.0
38	Ethiopia	100.0	93	Suriname	100.0	148	Libyan Arab Jamahiri	0.0
39	Fiji	100.0	94	Sweden	100.0	149	Qatar	0.0
40	Finland	100.0	95	Switzerland	100.0	150	Saudi Arabia	0.0
41	France	100.0	96	Tanzania	100.0	151	United Arab Emirates	0.0
42	Gabon	100.0	97	Togo	100.0	152	Uzbekistan	0.0
43	Gambia	100.0	98	Trinidad and Tobago	100.0	153	Yemen	0.0
44	Georgia	100.0	99	Uganda	100.0	154	Bosnia and Herzegovi	..
45	Germany	100.0	100	United Kingdom	100.0	155	Brunei Darussalam	..
46	Ghana	100.0	101	United States of Ameri	100.0	156	Croatia	..
47	Greece	100.0	102	Uruguay	100.0	157	Luxembourg	..
48	Guatemala	100.0	103	Venezuela	100.0	158	Macedonia	..
49	Guinea	100.0	104	Viet Nam	100.0	159	Sao Tome and Princi	..
50	Guinea-Bissau	100.0	105	Zambia	100.0	160	Serbia and	..
51	Guyana	100.0	106	Italy	98.2	161	Slovakia	..
52	Haiti	100.0	107	Dominican Republic	97.4	162	Slovenia	..
53	Honduras	100.0	108	South Korea	90.1	163	Solomon Islands	..
54	Hungary	100.0	109	Portugal	90.0			
55	Iceland	100.0	110	Japan	90.0			

Appendix 4.21.1: Pesticide Regulation

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Armenia	100.0	56	Indonesia	90.9	111	Tanzania	18.2
2	Australia	100.0	57	Ireland	90.9	112	Gabon	18.2
3	Austria	100.0	58	Argentina	90.9	113	Senegal	18.2
4	Belgium	100.0	59	Viet Nam	90.9	114	Nigeria	18.2
5	Benin	100.0	60	Malaysia	90.9	115	Oman	18.2
6	Bulgaria	100.0	61	Netherlands	90.9	116	United Arab Emirates	18.2
7	Burundi	100.0	62	Turkey	90.9	117	Serbia and	13.6
8	Canada	100.0	63	Lebanon	90.9	118	Malawi	13.6
9	Chile	100.0	64	Thailand	90.9	119	Botswana	13.6
10	Congo	100.0	65	Yemen	90.9	120	Maldives	13.6
11	Czech Republic	100.0	66	Saudi Arabia	90.9	121	Georgia	13.6
12	Denmark	100.0	67	Slovenia	86.4	122	Eritrea	13.6
13	Dominican Republic	100.0	68	Laos	86.4	123	Venezuela	13.6
14	Finland	100.0	69	Ecuador	86.4	124	Guinea-Bissau	13.6
15	Gambia	100.0	70	Trinidad and Tobago	86.4	125	Namibia	13.6
16	Germany	100.0	71	United States of America	86.4	126	Cameroon	13.6
17	Japan	100.0	72	Mexico	86.4	127	Guyana	13.6
18	Jordan	100.0	73	Morocco	86.4	128	Mauritania	13.6
19	Lithuania	100.0	74	Kyrgyzstan	86.4	129	India	13.6
20	New Zealand	100.0	75	Egypt	86.4	130	Tunisia	13.6
21	Norway	100.0	76	Brunei Darussalam	81.8	131	Tajikistan	13.6
22	Panama	100.0	77	Mongolia	81.8	132	Pakistan	13.6
23	Peru	100.0	78	Costa Rica	81.8	133	Libyan Arab Jamahiriya	13.6
24	Romania	100.0	79	Ghana	81.8	134	Qatar	13.6
25	Slovakia	100.0	80	Philippines	81.8	135	Sao Tome and Principe	9.1
26	South Korea	100.0	81	Myanmar	81.8	136	Bosnia and Herzegovina	9.1
27	Sweden	100.0	82	Sri Lanka	81.8	137	Belarus	9.1
28	Switzerland	100.0	83	Côte d'Ivoire	77.3	138	Antigua and Barbuda	9.1
29	Syria	100.0	84	El Salvador	77.3	139	Equatorial Guinea	9.1
30	Colombia	95.5	85	Madagascar	77.3	140	Belize	9.1
31	Croatia	95.5	86	Ukraine	77.3	141	Angola	9.1
32	Cyprus	95.5	87	Togo	72.7	142	Sierra Leone	9.1
33	Estonia	95.5	88	Djibouti	72.7	143	Mozambique	9.1
34	France	95.5	89	Cuba	72.7	144	North Korea	9.1
35	Greece	95.5	90	Central African Republic	68.2	145	Suriname	9.1
36	Hungary	95.5	91	Algeria	68.2	146	Albania	9.1
37	Iran	95.5	92	Burkina Faso	63.6	147	Bangladesh	9.1
38	Italy	95.5	93	South Africa	63.6	148	Cambodia	9.1
39	Jamaica	95.5	94	Nepal	59.1	149	Bahrain	9.1
40	Kuwait	95.5	95	Niger	59.1	150	Solomon Islands	4.5
41	Latvia	95.5	96	China	59.1	151	Papua New Guinea	4.5
42	Luxembourg	95.5	97	Chad	54.5	152	Honduras	4.5
43	Malta	95.5	98	Guinea	54.5	153	Guatemala	4.5
44	Mauritius	95.5	99	Uruguay	54.5	154	Swaziland	4.5
45	Moldova	95.5	100	Kazakhstan	50.0	155	Azerbaijan	4.5
46	Paraguay	95.5	101	Macedonia	45.5	156	Israel	4.5
47	Poland	95.5	102	Zambia	45.5	157	Bhutan	0.0
48	Portugal	95.5	103	Nicaragua	31.8	158	Haiti	0.0
49	Singapore	95.5	104	Ethiopia	22.7	159	Iraq	0.0
50	Spain	95.5	105	Uganda	18.2	160	Russia	0.0
51	Sudan	95.5	106	Rwanda	18.2	161	Turkmenistan	0.0
52	United Kingdom	95.5	107	Bolivia	18.2	162	Uzbekistan	0.0
53	Fiji	90.9	108	Mali	18.2	163	Zimbabwe	0.0
54	Brazil	90.9	109	Kenya	18.2			
55	Iceland	90.9	110	Dem. Rep. Congo	18.2			

Appendix 4.22.1: Agriculture Subsidies

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Albania	100.0	56	Maldives	100.0	111	Australia	90.6
2	Algeria	100.0	57	Mauritania	100.0	112	Chile	89.3
3	Angola	100.0	58	Mauritius	100.0	113	Bulgaria	84.8
4	Antigua and Barbuda	100.0	59	Moldova	100.0	114	Brazil	84.3
5	Argentina	100.0	60	Mongolia	100.0	115	Ecuador	83.7
6	Armenia	100.0	61	Morocco	100.0	116	Kazakhstan	80.7
7	Azerbaijan	100.0	62	Myanmar	100.0	117	Philippines	78.9
8	Bahrain	100.0	63	Namibia	100.0	118	China	76.1
9	Bangladesh	100.0	64	Nepal	100.0	119	Indonesia	70.8
10	Belarus	100.0	65	Nicaragua	100.0	120	Ukraine	69.9
11	Belize	100.0	66	Niger	100.0	121	United States of	68.8
12	Bhutan	100.0	67	Nigeria	100.0	122	Latvia	66.0
13	Bolivia	100.0	68	North Korea	100.0	123	Canada	65.1
14	Bosnia and Herzegovi	100.0	69	Oman	100.0	124	Mexico	64.7
15	Botswana	100.0	70	Pakistan	100.0	125	Kenya	64.3
16	Brunei Darussalam	100.0	71	Panama	100.0	126	Finland	63.3
17	Burundi	100.0	72	Papua New Guinea	100.0	127	Italy	63.1
18	Cambodia	100.0	73	Paraguay	100.0	128	Viet Nam	61.9
19	Central African Repub	100.0	74	Peru	100.0	129	Sweden	60.4
20	Congo	100.0	75	Qatar	100.0	130	Estonia	60.1
21	Costa Rica	100.0	76	Rwanda	100.0	131	India	59.5
22	Côte d'Ivoire	100.0	77	Sao Tome and Princi	100.0	132	Romania	58.6
23	Croatia	100.0	78	Saudi Arabia	100.0	133	Denmark	58.2
24	Cuba	100.0	79	Senegal	100.0	134	Spain	55.9
25	Dem. Rep. Congo	100.0	80	Serbia and	100.0	135	Slovakia	55.8
26	Djibouti	100.0	81	Sierra Leone	100.0	136	France	54.6
27	Egypt	100.0	82	Singapore	100.0	137	South Africa	53.6
28	El Salvador	100.0	83	Solomon Islands	100.0	138	Portugal	53.5
29	Equatorial Guinea	100.0	84	Sri Lanka	100.0	139	Netherlands	52.3
30	Eritrea	100.0	85	Sudan	100.0	140	Russia	51.9
31	Ethiopia	100.0	86	Suriname	100.0	141	Lithuania	50.8
32	Fiji	100.0	87	Swaziland	100.0	142	Germany	49.2
33	Gabon	100.0	88	Syria	100.0	143	Hungary	49.2
34	Gambia	100.0	89	Tajikistan	100.0	144	Austria	48.5
35	Georgia	100.0	90	Tanzania	100.0	145	Czech Republic	45.4
36	Ghana	100.0	91	Thailand	100.0	146	United Kingdom	38.3
37	Guatemala	100.0	92	Togo	100.0	147	Slovenia	33.1
38	Guinea	100.0	93	Trinidad and Tobago	100.0	148	Ireland	32.8
39	Guinea-Bissau	100.0	94	Tunisia	100.0	149	Poland	29.5
40	Guyana	100.0	95	Turkmenistan	100.0	150	Colombia	28.1
41	Haiti	100.0	96	United Arab Emirates	100.0	151	Turkey	4.3
42	Honduras	100.0	97	Uruguay	100.0	152	Mozambique	0.8
43	Iran	100.0	98	Uzbekistan	100.0	153	Belgium	0.0
44	Iraq	100.0	99	Venezuela	100.0	154	Cyprus	0.0
45	Israel	100.0	100	Yemen	100.0	155	Dominican Republic	0.0
46	Jamaica	100.0	101	Zambia	100.0	156	Greece	0.0
47	Jordan	100.0	102	Zimbabwe	100.0	157	Iceland	0.0
48	Kuwait	100.0	103	Benin	99.3	158	Japan	0.0
49	Kyrgyzstan	100.0	104	Chad	99.2	159	Luxembourg	0.0
50	Laos	100.0	105	Mali	98.7	160	Malta	0.0
51	Lebanon	100.0	106	Uganda	98.6	161	Norway	0.0
52	Libyan Arab Jamahiri	100.0	107	Malaysia	97.7	162	South Korea	0.0
53	Macedonia	100.0	108	Cameroon	97.5	163	Switzerland	0.0
54	Madagascar	100.0	109	Burkina Faso	97.3			
55	Malawi	100.0	110	New Zealand	97.3			

Appendix 4.23.1: Greenhouse Gas Emissions per Capita

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Bangladesh	100.0	56	Panama	80.1	111	Japan	52.5
2	Burkina Faso	100.0	57	Peru	79.3	112	Ukraine	52.4
3	Burundi	100.0	58	Iraq	76.9	113	United Kingdom	52.0
4	Chad	100.0	59	Cameroon	76.1	114	Singapore	50.7
5	Costa Rica	100.0	60	Thailand	75.8	115	Greece	48.6
6	Cuba	100.0	61	China	75.7	116	Germany	48.5
7	Djibouti	100.0	62	Dominican Republic	75.7	117	Slovakia	47.8
8	El Salvador	100.0	63	Turkey	74.6	118	South Korea	47.8
9	Eritrea	100.0	64	Myanmar	74.4	119	Gabon	47.6
10	Ethiopia	100.0	65	Zimbabwe	74.2	120	Uruguay	46.7
11	Gambia	100.0	66	Belize	73.9	121	Denmark	44.9
12	Ghana	100.0	67	Antigua and Barbuda	72.8	122	Israel	44.4
13	Guinea-Bissau	100.0	68	Benin	72.7	123	Jamaica	44.1
14	Iceland	100.0	69	Laos	71.7	124	Austria	44.1
15	India	100.0	70	Albania	70.5	125	Russia	43.7
16	Kenya	100.0	71	Guatemala	70.0	126	Libyan Arab Jamahiri	42.8
17	Malawi	100.0	72	Mexico	69.8	127	Malaysia	41.9
18	Maldives	100.0	73	Namibia	68.3	128	Netherlands	41.8
19	Mali	100.0	74	Guyana	68.0	129	Macedonia	41.3
20	Mozambique	100.0	75	Malta	68.0	130	Zambia	41.0
21	Niger	100.0	76	Lebanon	68.0	131	Norway	41.0
22	Pakistan	100.0	77	Georgia	67.7	132	Kazakhstan	40.1
23	Rwanda	100.0	78	Serbia and	67.4	133	Argentina	39.7
24	Sao Tome and Princi	100.0	79	Romania	67.2	134	Czech Republic	39.5
25	Senegal	100.0	80	Congo	67.2	135	Armenia	39.4
26	Sierra Leone	100.0	81	Suriname	66.7	136	Ireland	39.0
27	Sri Lanka	100.0	82	North Korea	66.6	137	Belgium	38.3
28	Swaziland	100.0	83	Lithuania	65.7	138	Venezuela	37.9
29	Togo	100.0	84	Uzbekistan	65.7	139	Slovenia	37.9
30	Tunisia	100.0	85	Nicaragua	64.6	140	Angola	37.8
31	Uganda	100.0	86	Portugal	63.5	141	Finland	35.5
32	Viet Nam	100.0	87	Azerbaijan	63.4	142	Saudi Arabia	35.5
33	Yemen	100.0	88	Cambodia	62.6	143	Brazil	30.4
34	Philippines	99.8	89	Bulgaria	62.5	144	Botswana	25.8
35	Morocco	98.7	90	Honduras	62.4	145	Estonia	24.7
36	Egypt	98.2	91	Chile	61.7	146	United States of	24.7
37	Nepal	97.0	92	Iran	61.6	147	Turkmenistan	24.3
38	Madagascar	96.6	93	Jordan	60.7	148	Equatorial Guinea	23.9
39	Côte d'Ivoire	94.6	94	Solomon Islands	59.4	149	New Zealand	23.2
40	Mauritania	94.4	95	Switzerland	59.4	150	Mongolia	22.8
41	Guinea	94.4	96	Hungary	59.2	151	Canada	21.8
42	Mauritius	94.2	97	Ecuador	59.1	152	Bolivia	19.4
43	Tanzania	93.9	98	South Africa	58.6	153	Luxembourg	19.2
44	Nigeria	92.8	99	Paraguay	58.1	154	Oman	19.2
45	Fiji	92.2	100	France	58.1	155	Kuwait	18.2
46	Moldova	91.7	101	Papua New Guinea	56.8	156	Australia	16.6
47	Sudan	89.4	102	Italy	56.6	157	Cyprus	12.9
48	Syria	87.8	103	Indonesia	55.7	158	Central African	6.5
49	Haiti	84.5	104	Spain	55.7	159	United Arab Emirates	0.9
50	Dem. Rep. Congo	84.3	105	Sweden	55.5	160	Bahrain	0.0
51	Algeria	83.9	106	Bosnia and Herzegovi	55.4	161	Brunei Darussalam	0.0
52	Bhutan	82.6	107	Poland	54.8	162	Qatar	0.0
53	Kyrgyzstan	82.4	108	Belarus	54.7	163	Trinidad and Tobago	0.0
54	Tajikistan	81.1	109	Latvia	54.6			
55	Colombia	80.1	110	Croatia	53.4			

Appendix 4.24.1: Industrial Greenhouse Gas Emissions Intensity

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Angola	100.0	56	Cameroon	87.5	111	Syria	58.9
2	Antigua and Barbuda	100.0	57	Algeria	87.3	112	Macedonia	58.6
3	Bahrain	100.0	58	Peru	86.8	113	France	57.8
4	Belize	100.0	59	Libyan Arab Jamahiri	86.2	114	Costa Rica	57.8
5	Botswana	100.0	60	Zimbabwe	86.0	115	United States of	56.6
6	Brunei Darussalam	100.0	61	Saudi Arabia	84.8	116	Uruguay	55.6
7	Burkina Faso	100.0	62	Zambia	84.3	117	Netherlands	54.9
8	Burundi	100.0	63	Germany	84.3	118	Slovakia	54.4
9	Cambodia	100.0	64	Finland	83.4	119	Spain	54.0
10	Central African Repub	100.0	65	Armenia	82.3	120	Portugal	53.0
11	Chad	100.0	66	New Zealand	81.4	121	Romania	52.3
12	Chile	100.0	67	Colombia	81.2	122	Pakistan	51.8
13	Dem. Rep. Congo	100.0	68	Norway	80.8	123	Rwanda	51.4
14	Djibouti	100.0	69	Singapore	80.7	124	Haiti	51.3
15	Equatorial Guinea	100.0	70	Ecuador	80.4	125	Luxembourg	51.3
16	Eritrea	100.0	71	Venezuela	80.2	126	Panama	50.9
17	Gabon	100.0	72	Indonesia	79.1	127	Turkey	50.8
18	Gambia	100.0	73	Malawi	78.6	128	Tanzania	50.3
19	Guinea-Bissau	100.0	74	Austria	78.5	129	Thailand	48.1
20	Guyana	100.0	75	Serbia and	78.3	130	Honduras	47.9
21	Iraq	100.0	76	United Arab Emirates	78.2	131	Georgia	43.6
22	Laos	100.0	77	Guinea	77.5	132	Ukraine	43.4
23	Maldives	100.0	78	Czech Republic	77.5	133	Kenya	42.9
24	Mali	100.0	79	El Salvador	77.2	134	Philippines	42.3
25	Malta	100.0	80	Australia	76.8	135	Bhutan	41.9
26	Mauritius	100.0	81	Malaysia	76.6	136	Belgium	41.4
27	Namibia	100.0	82	Bangladesh	75.7	137	Sierra Leone	41.3
28	Niger	100.0	83	Iran	74.9	138	India	41.0
29	Nigeria	100.0	84	Latvia	74.7	139	Fiji	39.5
30	Papua New Guinea	100.0	85	Mexico	74.5	140	Ethiopia	38.8
31	Qatar	100.0	86	Paraguay	73.7	141	South Africa	38.6
32	Sao Tome and Princi	100.0	87	Bolivia	72.8	142	Mauritania	36.6
33	Solomon Islands	100.0	88	Canada	72.4	143	Ghana	36.5
34	Sri Lanka	100.0	89	Japan	72.2	144	Israel	36.3
35	Sudan	100.0	90	Oman	72.2	145	Egypt	36.2
36	Suriname	100.0	91	Belarus	71.6	146	South Korea	35.5
37	Swaziland	100.0	92	Denmark	71.2	147	Croatia	33.3
38	Sweden	100.0	93	Russia	70.3	148	Greece	27.4
39	Trinidad and Tobago	100.0	94	Ireland	70.0	149	Tunisia	24.2
40	Congo	99.6	95	Slovenia	69.6	150	Morocco	23.3
41	Yemen	99.5	96	Brazil	68.8	151	Bulgaria	21.8
42	Argentina	97.6	97	Benin	67.2	152	North Korea	18.9
43	Côte d'Ivoire	97.1	98	Albania	66.9	153	Viet Nam	15.1
44	Kuwait	95.8	99	Poland	66.9	154	Lebanon	7.8
45	Switzerland	95.1	100	Dominican Republic	66.2	155	Kyrgyzstan	7.3
46	Madagascar	94.5	101	Hungary	65.1	156	Cyprus	6.8
47	Nepal	91.5	102	Cuba	64.5	157	China	4.8
48	Kazakhstan	91.4	103	Nicaragua	62.7	158	Uzbekistan	1.9
49	Mongolia	91.3	104	Lithuania	61.4	159	Moldova	0.6
50	United Kingdom	89.6	105	Iceland	61.2	160	Jordan	0.0
51	Myanmar	89.1	106	Bosnia and Herzegovi	59.7	161	Senegal	0.0
52	Azerbaijan	88.9	107	Jamaica	59.6	162	Tajikistan	0.0
53	Uganda	88.5	108	Italy	59.4	163	Togo	0.0
54	Turkmenistan	88.2	109	Mozambique	59.4			
55	Estonia	88.0	110	Guatemala	59.1			

Appendix 4.25.1: CO₂ Emissions per Electricity Generation

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
1	Dem. Rep. Congo	100.0	56	Slovenia	20.1	111	Swaziland	8.3
2	Iceland	100.0	57	Chile	19.5	112	Lebanon	8.2
3	Mozambique	100.0	58	Portugal	19.5	113	Serbia and	8.0
4	Nepal	100.0	59	Croatia	19.4	114	Kuwait	8.0
5	Norway	100.0	60	Italy	19.2	115	Eritrea	7.3
6	Paraguay	100.0	61	Spain	19.1	116	Bangladesh	7.2
7	Zambia	100.0	62	Sri Lanka	18.8	117	Poland	7.2
8	Switzerland	81.5	63	Togo	18.3	118	Yemen	6.8
9	Bhutan	79.6	64	Netherlands	18.2	119	Belize	6.7
10	Tajikistan	74.4	65	Nigeria	17.8	120	Estonia	6.5
11	Ethiopia	71.5	66	Viet Nam	17.8	121	Indonesia	6.4
12	Sweden	69.4	67	Honduras	17.5	122	Rwanda	6.4
13	Albania	68.0	68	Germany	17.1	123	Benin	6.4
14	Costa Rica	56.4	69	Fiji	16.8	124	Sao Tome and Princi	6.2
15	Brazil	56.1	70	Pakistan	16.8	125	Morocco	5.8
16	Kyrgyzstan	52.8	71	Azerbaijan	16.6	126	Senegal	5.7
17	France	51.4	72	Romania	16.5	127	Burkina Faso	5.3
18	Namibia	49.2	73	Gabon	16.1	128	Saudi Arabia	5.0
19	Congo	48.8	74	Philippines	16.0	129	Trinidad and Tobago	4.9
20	Uruguay	48.2	75	Japan	15.9	130	Macedonia	4.9
21	Lithuania	45.7	76	Egypt	15.9	131	Greece	4.7
22	Colombia	43.8	77	Uzbekistan	15.8	132	China	4.4
23	Angola	39.7	78	South Korea	15.7	133	Cyprus	4.3
24	Georgia	38.5	79	North Korea	15.0	134	Israel	4.2
25	Armenia	38.3	80	Turkey	14.6	135	Jamaica	3.6
26	Latvia	38.2	81	Kazakhstan	14.5	136	Turkmenistan	3.3
27	Peru	35.4	82	Bolivia	13.7	137	Mauritius	3.2
28	Austria	33.6	83	United Kingdom	13.6	138	Iraq	2.9
29	Canada	33.3	84	Mali	13.6	139	United Arab Emirates	2.4
30	Venezuela	32.9	85	Ireland	13.4	140	Brunei Darussalam	2.1
31	Laos	31.8	86	Moldova	13.3	141	Mauritania	2.1
32	Slovakia	30.8	87	Haiti	13.1	142	South Africa	2.0
33	Finland	30.7	88	Bulgaria	12.9	143	Libyan Arab Jamahiri	2.0
34	Tanzania	29.1	89	Sudan	12.9	144	Bahrain	2.0
35	Belgium	28.7	90	Guinea	12.7	145	Equatorial Guinea	2.0
36	Malawi	28.4	91	Nicaragua	12.5	146	Antigua and Barbuda	1.9
37	New Zealand	27.0	92	Singapore	12.1	147	Cuba	1.9
38	Uganda	26.0	93	Burundi	12.1	148	Guyana	1.8
39	El Salvador	25.8	94	Thailand	12.1	149	Maldives	1.8
40	Belarus	25.4	95	Iran	12.1	150	Solomon Islands	1.8
41	Cameroon	24.8	96	Mexico	11.6	151	Djibouti	1.7
42	Kenya	24.5	97	United States of Ameri	11.5	152	Chad	1.7
43	Panama	23.7	98	Tunisia	11.2	153	Gambia	1.7
44	Denmark	23.7	99	Czech Republic	11.2	154	Sierra Leone	1.6
45	Russia	23.3	100	Mongolia	11.0	155	Niger	1.6
46	Ecuador	23.2	101	Madagascar	11.0	156	Oman	1.6
47	Luxembourg	22.9	102	Central African	10.8	157	Guinea-Bissau	1.6
48	Hungary	21.8	103	Zimbabwe	10.6	158	Australia	0.4
49	Myanmar	21.7	104	Papua New Guinea	10.0	159	Malta	0.0
50	Argentina	21.4	105	Jordan	10.0	160	Bosnia and Herzegovi	0.0
51	Ukraine	20.9	106	Algeria	9.7	161	Botswana	0.0
52	Ghana	20.9	107	Syria	9.4	162	Cambodia	0.0
53	Suriname	20.9	108	Malaysia	8.9	163	India	0.0
54	Guatemala	20.8	109	Dominican Republic	8.8			
55	Côte d'Ivoire	20.4	110	Qatar	8.7			