

Annex Table 6 Responsiveness of health systems, level and distribution in all Member States, WHO indexes, estimates for 1999^a

LEVEL				DISTRIBUTION			
Rank	Member State	Index	Uncertainty interval	Rank	Member State	Index	Uncertainty interval
1	United States of America	8.10	7.32 – 8.96	1	United Arab Emirates	1.000	1.000 – 1.000
2	Switzerland	7.44	6.79 – 8.13	2	Bulgaria	0.996	0.994 – 0.997
3	Luxembourg	7.37	6.73 – 8.06	3 – 38	Argentina	0.995	0.992 – 0.997
4	Denmark	7.12	6.55 – 7.73	3 – 38	Australia	0.995	0.993 – 0.997
5	Germany	7.10	6.52 – 7.72	3 – 38	Austria	0.995	0.993 – 0.997
6	Japan	7.00	6.43 – 7.61	3 – 38	Bahamas	0.995	0.992 – 0.997
7 – 8	Canada	6.98	6.44 – 7.54	3 – 38	Bahrain	0.995	0.992 – 0.997
7 – 8	Norway	6.98	6.40 – 7.60	3 – 38	Barbados	0.995	0.993 – 0.997
9	Netherlands	6.92	6.38 – 7.49	3 – 38	Belgium	0.995	0.993 – 0.997
10	Sweden	6.90	6.35 – 7.47	3 – 38	Brunei Darussalam	0.995	0.993 – 0.997
11	Cyprus	6.88	6.76 – 7.00	3 – 38	Canada	0.995	0.993 – 0.997
12 – 13	Australia	6.86	6.34 – 7.40	3 – 38	Denmark	0.995	0.993 – 0.997
12 – 13	Austria	6.86	6.31 – 7.45	3 – 38	Finland	0.995	0.993 – 0.997
14	Monaco	6.85	6.32 – 7.44	3 – 38	France	0.995	0.993 – 0.997
15	Iceland	6.84	6.31 – 7.42	3 – 38	Germany	0.995	0.993 – 0.997
16 – 17	Belgium	6.82	6.29 – 7.39	3 – 38	Greece	0.995	0.993 – 0.997
16 – 17	France	6.82	6.27 – 7.42	3 – 38	Iceland	0.995	0.993 – 0.997
18	Bahamas	6.77	6.28 – 7.29	3 – 38	Ireland	0.995	0.993 – 0.997
19	Finland	6.76	6.26 – 7.29	3 – 38	Israel	0.995	0.993 – 0.997
20 – 21	Israel	6.70	6.22 – 7.22	3 – 38	Italy	0.995	0.993 – 0.997
20 – 21	Singapore	6.70	6.16 – 7.25	3 – 38	Japan	0.995	0.993 – 0.997
22 – 23	Italy	6.65	6.13 – 7.20	3 – 38	Kuwait	0.995	0.993 – 0.997
22 – 23	New Zealand	6.65	6.18 – 7.15	3 – 38	Luxembourg	0.995	0.993 – 0.997
24	Brunei Darussalam	6.59	6.11 – 7.07	3 – 38	Malta	0.995	0.993 – 0.997
25	Ireland	6.52	6.03 – 7.02	3 – 38	Mauritius	0.995	0.992 – 0.997
26 – 27	Qatar	6.51	6.02 – 7.00	3 – 38	Monaco	0.995	0.993 – 0.997
26 – 27	United Kingdom	6.51	6.01 – 7.05	3 – 38	Netherlands	0.995	0.993 – 0.997
28	Andorra	6.44	5.97 – 6.93	3 – 38	New Zealand	0.995	0.993 – 0.997
29	Kuwait	6.34	5.84 – 6.82	3 – 38	Norway	0.995	0.993 – 0.997
30	United Arab Emirates	6.33	6.24 – 6.41	3 – 38	Qatar	0.995	0.993 – 0.997
31	Malaysia	6.32	6.21 – 6.42	3 – 38	Saint Kitts and Nevis	0.995	0.993 – 0.997
32	San Marino	6.30	5.84 – 6.79	3 – 38	San Marino	0.995	0.993 – 0.997
33	Thailand	6.23	6.11 – 6.35	3 – 38	Singapore	0.995	0.993 – 0.997
34	Spain	6.18	5.74 – 6.63	3 – 38	Spain	0.995	0.992 – 0.997
35	Republic of Korea	6.12	5.99 – 6.24	3 – 38	Sweden	0.995	0.993 – 0.997
36	Greece	6.05	5.63 – 6.48	3 – 38	Switzerland	0.995	0.993 – 0.997
37	Slovenia	6.04	5.62 – 6.48	3 – 38	United Kingdom	0.995	0.993 – 0.997
38	Portugal	6.00	5.58 – 6.44	3 – 38	United States of America	0.995	0.993 – 0.997
39	Barbados	5.98	5.57 – 6.41	39 – 42	Andorra	0.994	0.992 – 0.996
40	Argentina	5.93	5.53 – 6.34	39 – 42	Antigua and Barbuda	0.994	0.992 – 0.996
41	Uruguay	5.87	5.47 – 6.28	39 – 42	Nauru	0.994	0.992 – 0.996
42	Nauru	5.83	5.41 – 6.25	39 – 42	Palau	0.994	0.992 – 0.996
43 – 44	Bahrain	5.82	5.38 – 6.24	43	Republic of Korea	0.992	0.990 – 0.994
43 – 44	Malta	5.82	5.42 – 6.24	44	Cyprus	0.991	0.988 – 0.994
45	Chile	5.81	5.41 – 6.21	45 – 47	Belarus	0.987	0.984 – 0.990
46	Mongolia	5.79	5.67 – 5.92	45 – 47	Czech Republic	0.987	0.984 – 0.990
47 – 48	Antigua and Barbuda	5.78	5.37 – 6.17	45 – 47	Lithuania	0.987	0.984 – 0.990
47 – 48	Czech Republic	5.78	5.38 – 6.19	48	Philippines	0.986	0.982 – 0.987
49	Philippines	5.75	5.64 – 5.87	49	Oman	0.983	0.979 – 0.987
50	Poland	5.73	5.61 – 5.85	50 – 52	Algeria	0.982	0.977 – 0.985
51	Viet Nam	5.70	5.59 – 5.81	50 – 52	Saudi Arabia	0.982	0.978 – 0.986
52	Palau	5.69	5.27 – 6.09	50 – 52	Thailand	0.982	0.973 – 0.990
53 – 54	Mexico	5.66	5.25 – 6.07	53 – 57	Jordan	0.981	0.976 – 0.985
53 – 54	Saint Kitts and Nevis	5.66	5.26 – 6.06	53 – 57	Latvia	0.981	0.977 – 0.985
55	Lebanon	5.61	5.20 – 6.01	53 – 57	Portugal	0.981	0.977 – 0.985

LEVEL				DISTRIBUTION			
Rank	Member State	Index	Uncertainty interval	Rank	Member State	Index	Uncertainty interval
56	Mauritius	5.57	5.15 – 5.96	53 – 57	Slovenia	0.981	0.977 – 0.985
57 – 58	Fiji	5.53	5.10 – 5.93	53 – 57	Uruguay	0.981	0.977 – 0.985
57 – 58	Libyan Arab Jamahiriya	5.53	5.10 – 5.93	58	Hungary	0.980	0.976 – 0.985
59	Panama	5.52	5.11 – 5.90	59	Egypt	0.979	0.968 – 0.988
60	Slovakia	5.51	5.37 – 5.66	60 – 61	Kazakhstan	0.976	0.972 – 0.981
61	Tonga	5.49	5.07 – 5.89	60 – 61	Tunisia	0.976	0.971 – 0.981
62	Hungary	5.47	5.36 – 5.59	62	Malaysia	0.975	0.965 – 0.983
63 – 64	Grenada	5.46	5.04 – 5.85	63 – 64	Slovakia	0.973	0.968 – 0.978
63 – 64	Indonesia	5.46	5.35 – 5.57	63 – 64	Ukraine	0.973	0.968 – 0.978
65	Cook Islands	5.45	5.05 – 5.85	65	Poland	0.970	0.964 – 0.976
66	Estonia	5.44	5.04 – 5.84	66	Turkey	0.969	0.964 – 0.974
67	Saudi Arabia	5.40	4.97 – 5.78	67 – 68	Morocco	0.967	0.960 – 0.973
68	Costa Rica	5.39	4.99 – 5.77	67 – 68	Romania	0.967	0.961 – 0.972
69 – 72	Latvia	5.37	4.97 – 5.77	69	Estonia	0.963	0.957 – 0.968
69 – 72	Russian Federation	5.37	4.97 – 5.76	70	Indonesia	0.961	0.948 – 0.973
69 – 72	Syrian Arab Republic	5.37	4.94 – 5.76	71	Uzbekistan	0.960	0.953 – 0.965
69 – 72	Venezuela, Bolivarian Republic of	5.37	4.98 – 5.75	72	Dominican Republic	0.959	0.952 – 0.966
73 – 74	Romania	5.35	4.96 – 5.76	73 – 74	Fiji	0.956	0.950 – 0.962
73 – 74	South Africa	5.35	5.21 – 5.49	73 – 74	Jamaica	0.956	0.950 – 0.962
75	Seychelles	5.34	4.94 – 5.73	75	Seychelles	0.955	0.948 – 0.961
76 – 79	Belarus	5.32	4.92 – 5.72	76	Libyan Arab Jamahiriya	0.953	0.947 – 0.960
76 – 79	Botswana	5.32	5.15 – 5.49	77 – 78	Dominica	0.949	0.942 – 0.955
76 – 79	Croatia	5.32	4.93 – 5.71	77 – 78	Sri Lanka	0.949	0.941 – 0.956
76 – 79	Ecuador	5.32	5.15 – 5.49	79 – 81	Lebanon	0.947	0.940 – 0.954
80 – 81	Lithuania	5.31	4.90 – 5.71	79 – 81	Suriname	0.947	0.940 – 0.953
80 – 81	Samoa	5.31	4.88 – 5.72	79 – 81	Syrian Arab Republic	0.947	0.940 – 0.954
82	Colombia	5.30	4.92 – 5.68	82	Saint Lucia	0.946	0.938 – 0.953
83	Oman	5.27	4.85 – 5.65	83	Croatia	0.945	0.939 – 0.952
84 – 86	Dominica	5.25	4.86 – 5.64	84 – 85	Brazil	0.944	0.942 – 0.968
84 – 86	Jordan	5.25	4.83 – 5.63	84 – 85	Grenada	0.944	0.937 – 0.951
84 – 86	Saint Lucia	5.25	4.84 – 5.63	86 – 87	Costa Rica	0.943	0.936 – 0.950
87	Suriname	5.23	4.82 – 5.62	86 – 87	Russian Federation	0.943	0.936 – 0.950
88 – 89	China	5.20	4.79 – 5.58	88	Panama	0.939	0.932 – 0.946
88 – 89	Turkmenistan	5.20	4.78 – 5.59	89	Cook Islands	0.938	0.929 – 0.946
90 – 91	Algeria	5.19	4.77 – 5.57	90	Belize	0.937	0.929 – 0.944
90 – 91	Kazakhstan	5.19	4.80 – 5.58	91	Mongolia	0.934	0.916 – 0.952
92	Armenia	5.18	4.77 – 5.57	92	Venezuela, Bolivarian Republic of	0.933	0.925 – 0.941
93	Turkey	5.16	4.74 – 5.53	93 – 94	Colombia	0.931	0.923 – 0.939
94	Tunisia	5.15	4.75 – 5.52	93 – 94	Iran, Islamic Republic of	0.931	0.923 – 0.939
95	Dominican Republic	5.14	4.74 – 5.51	95	The former Yugoslav Republic of Macedonia	0.926	0.915 – 0.935
96	Ukraine	5.13	4.72 – 5.52	96	Kyrgyzstan	0.925	0.915 – 0.933
97	Paraguay	5.12	4.74 – 5.50	97	Tonga	0.921	0.910 – 0.932
98 – 99	Maldives	5.11	4.69 – 5.49	98 – 100	Cuba	0.920	0.909 – 0.930
98 – 99	Marshall Islands	5.11	4.70 – 5.52	98 – 100	Saint Vincent and the Grenadines	0.920	0.911 – 0.929
100	Iran, Islamic Republic of	5.10	4.71 – 5.48	98 – 100	Samoa	0.920	0.908 – 0.930
101	Sri Lanka	5.08	4.69 – 5.47	101 – 102	Gabon	0.919	0.909 – 0.928
102	Egypt	5.06	4.94 – 5.17	101 – 102	Maldives	0.919	0.909 – 0.928
103 – 104	Iraq	5.05	4.63 – 5.43	103	Chile	0.918	0.902 – 0.933
103 – 104	Saint Vincent and the Grenadines	5.05	4.66 – 5.43	104	Senegal	0.914	0.889 – 0.928
105 – 107	Belize	5.03	4.63 – 5.40	105 – 106	China	0.911	0.899 – 0.922
105 – 107	Jamaica	5.03	4.65 – 5.41	105 – 106	Guyana	0.911	0.900 – 0.921
105 – 107	Uzbekistan	5.03	4.62 – 5.42	107	Republic of Moldova	0.910	0.899 – 0.919
108 – 110	Bosnia and Herzegovina	5.02	4.64 – 5.40	108 – 109	Mexico	0.909	0.888 – 0.924
108 – 110	India	5.02	4.61 – 5.41	108 – 109	Trinidad and Tobago	0.909	0.894 – 0.925
108 – 110	Swaziland	5.02	4.61 – 5.40	110	Swaziland	0.908	0.897 – 0.918

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LEVEL				DISTRIBUTION			
Rank	Member State	Index	Uncertainty interval	Rank	Member State	Index	Uncertainty interval
111	The former Yugoslav Republic of Macedonia	5.01	4.62 – 5.40	111 – 112	Armenia	0.905	0.891 – 0.917
112	Micronesia, Federated States of	5.00	4.60 – 5.38	111 – 112	Botswana	0.905	0.877 – 0.932
113	Namibia	4.99	4.62 – 5.37	113	Turkmenistan	0.899	0.886 – 0.912
114	Guyana	4.98	4.58 – 5.36	114	Iraq	0.898	0.883 – 0.912
115 – 117	Cuba	4.97	4.57 – 5.36	115	Pakistan	0.897	0.883 – 0.909
115 – 117	Guatemala	4.97	4.81 – 5.12	116	Yugoslavia	0.895	0.882 – 0.907
115 – 117	Yugoslavia	4.97	4.59 – 5.36	117	Albania	0.894	0.878 – 0.910
118 – 119	Gabon	4.96	4.57 – 5.32	118	Equatorial Guinea	0.892	0.877 – 0.906
118 – 119	Senegal	4.96	4.83 – 5.09	119	Papua New Guinea	0.891	0.875 – 0.906
120 – 121	Kiribati	4.95	4.54 – 5.35	120	Solomon Islands	0.890	0.875 – 0.903
120 – 121	Pakistan	4.95	4.54 – 5.32	121	Viet Nam	0.884	0.870 – 0.900
122	Zimbabwe	4.94	4.82 – 5.05	122	Kiribati	0.883	0.864 – 0.901
123	Republic of Moldova	4.92	4.54 – 5.30	123	Mauritania	0.882	0.840 – 0.919
124	Kyrgyzstan	4.91	4.51 – 5.29	124	Bosnia and Herzegovina	0.881	0.866 – 0.895
125	Tajikistan	4.90	4.49 – 5.29	125	Azerbaijan	0.878	0.863 – 0.893
126	Niue	4.87	4.48 – 5.25	126	Sao Tome and Principe	0.877	0.857 – 0.895
127	Vanuatu	4.85	4.46 – 5.22	127	India	0.876	0.856 – 0.895
128	El Salvador	4.84	4.47 – 5.22	128 – 129	El Salvador	0.874	0.854 – 0.892
129	Honduras	4.82	4.45 – 5.19	128 – 129	Micronesia, Federated States of	0.874	0.858 – 0.889
130 – 131	Azerbaijan	4.81	4.43 – 5.19	130 – 131	Democratic Peoples' Republic of Korea	0.873	0.852 – 0.892
130 – 131	Brazil	4.81	4.68 – 4.94	130 – 131	Guinea	0.873	0.842 – 0.902
132 – 135	Ghana	4.80	4.69 – 4.92	132	Vanuatu	0.872	0.854 – 0.887
132 – 135	Solomon Islands	4.80	4.40 – 5.18	133	Paraguay	0.871	0.848 – 0.892
132 – 135	Tuvalu	4.80	4.40 – 5.18	134 – 135	Cape Verde	0.866	0.847 – 0.882
132 – 135	Zambia	4.80	4.40 – 5.18	134 – 135	Marshall Islands	0.866	0.848 – 0.882
136	Albania	4.79	4.39 – 5.17	136	Tajikistan	0.864	0.845 – 0.881
137 – 138	Cambodia	4.77	4.37 – 5.15	137 – 138	Bhutan	0.861	0.840 – 0.881
137 – 138	Congo	4.77	4.39 – 5.15	137 – 138	Cambodia	0.861	0.836 – 0.884
139	Democratic People's Republic of Korea	4.76	4.36 – 5.14	139	Nicaragua	0.860	0.840 – 0.878
140	Nicaragua	4.75	4.36 – 5.11	140	Djibouti	0.858	0.834 – 0.880
141	Trinidad and Tobago	4.73	4.60 – 4.86	141	Georgia	0.855	0.835 – 0.874
142	Democratic Republic of the Congo	4.72	4.34 – 5.10	142	Kenya	0.852	0.830 – 0.871
143	Equatorial Guinea	4.71	4.33 – 5.07	143 – 144	Lao People's Democratic Republic	0.850	0.778 – 0.912
144	Kenya	4.67	4.28 – 5.05	143 – 144	Rwanda	0.850	0.824 – 0.875
145 – 147	Lao People's Democratic Republic	4.62	4.23 – 5.00	145	Niue	0.848	0.824 – 0.871
145 – 147	Lesotho	4.62	4.23 – 4.99	146	Ghana	0.847	0.811 – 0.882
145 – 147	Rwanda	4.62	4.22 – 5.01	147	South Africa	0.844	0.811 – 0.869
148	Sao Tome and Principe	4.61	4.21 – 4.99	148 – 149	Lesotho	0.842	0.818 – 0.863
149	Nigeria	4.60	4.22 – 4.98	148 – 149	Sudan	0.842	0.818 – 0.863
150	Papua New Guinea	4.59	4.18 – 4.96	150	United Republic of Tanzania	0.836	0.808 – 0.862
151 – 153	Bolivia	4.58	4.46 – 4.70	151	Congo	0.834	0.780 – 0.881
151 – 153	Morocco	4.58	4.20 – 4.94	152	Malawi	0.831	0.804 – 0.855
151 – 153	Myanmar	4.58	4.21 – 4.95	153 – 155	Comoros	0.830	0.801 – 0.856
154	Cape Verde	4.56	4.17 – 4.92	153 – 155	Côte d'Ivoire	0.830	0.804 – 0.857
155	Togo	4.54	4.16 – 4.91	153 – 155	Tuvalu	0.830	0.804 – 0.856
156	Cameroon	4.50	4.13 – 4.87	156	Namibia	0.828	0.802 – 0.854
157 – 160	Comoros	4.46	4.06 – 4.83	157	Gambia	0.825	0.797 – 0.850
157 – 160	Côte d'Ivoire	4.46	4.08 – 4.83	158	Myanmar	0.822	0.785 – 0.856
157 – 160	Haiti	4.46	4.10 – 4.84	159	Guatemala	0.812	0.787 – 0.837
157 – 160	United Republic of Tanzania	4.46	4.06 – 4.84	160	Benin	0.811	0.776 – 0.843
161	Bulgaria	4.43	4.30 – 4.57	161	Peru	0.808	0.793 – 0.850
162	Malawi	4.42	4.03 – 4.80	162	Togo	0.803	0.771 – 0.835
163	Bhutan	4.35	3.96 – 4.72	163	Honduras	0.800	0.757 – 0.841
164	Sudan	4.34	3.96 – 4.71	164	Burkina Faso	0.799	0.751 – 0.847
165 – 167	Gambia	4.33	3.95 – 4.70	165	Uganda	0.796	0.751 – 0.818

LEVEL				DISTRIBUTION			
Rank	Member State	Index	Uncertainty interval	Rank	Member State	Index	Uncertainty interval
165 – 167	Georgia	4.33	4.18 – 4.48	166 – 167	Nepal	0.792	0.757 – 0.825
165 – 167	Mauritania	4.33	3.97 – 4.69	166 – 167	Zimbabwe	0.792	0.747 – 0.814
168 – 169	Guinea	4.29	3.92 – 4.64	168	Burundi	0.790	0.750 – 0.825
168 – 169	Madagascar	4.29	3.92 – 4.65	169 – 170	Democratic Republic of the Congo	0.783	0.743 – 0.817
170	Djibouti	4.28	3.87 – 4.66	169 – 170	Eritrea	0.783	0.743 – 0.822
171	Burundi	4.25	3.86 – 4.64	171	Zambia	0.781	0.739 – 0.816
172	Peru	4.24	4.12 – 4.36	172 – 173	Afghanistan	0.776	0.729 – 0.819
173	Sierra Leone	4.23	3.86 – 4.61	172 – 173	Haiti	0.776	0.726 – 0.823
174	Burkina Faso	4.18	4.06 – 4.31	174	Guinea-Bissau	0.762	0.703 – 0.818
175 – 176	Benin	4.14	3.75 – 4.50	175	Mozambique	0.758	0.703 – 0.810
175 – 176	Liberia	4.14	3.77 – 4.50	176	Liberia	0.753	0.680 – 0.822
177	Angola	4.10	3.74 – 4.46	177	Nigeria	0.746	0.696 – 0.792
178	Bangladesh	4.07	3.94 – 4.20	178	Bolivia	0.745	0.723 – 0.768
179	Ethiopia	4.00	3.62 – 4.38	179 – 180	Ethiopia	0.733	0.665 – 0.797
180	Yemen	3.98	3.61 – 4.35	179 – 180	Madagascar	0.733	0.665 – 0.798
181 – 182	Afghanistan	3.96	3.57 – 4.33	181	Bangladesh	0.728	0.699 – 0.756
181 – 182	Chad	3.96	3.59 – 4.31	182	Ecuador	0.723	0.709 – 0.821
183	Central African Republic	3.94	3.57 – 4.30	183	Cameroon	0.710	0.564 – 0.827
184	Guinea-Bissau	3.89	3.52 – 4.26	184	Niger	0.690	0.591 – 0.781
185	Nepal	3.83	3.69 – 3.98	185	Chad	0.688	0.573 – 0.792
186	Eritrea	3.75	3.36 – 4.13	186	Sierra Leone	0.686	0.595 – 0.771
187 – 188	Mali	3.74	3.36 – 4.13	187	Mali	0.685	0.601 – 0.763
187 – 188	Uganda	3.74	3.61 – 3.87	188	Angola	0.683	0.549 – 0.797
189 – 190	Mozambique	3.73	3.34 – 4.12	189	Yemen	0.673	0.489 – 0.820
189 – 190	Niger	3.73	3.35 – 4.12	190	Somalia	0.621	0.440 – 0.772
191	Somalia	3.69	3.31 – 4.07	191	Central African Republic	0.414	0.006 – 0.733

^a Figures in italics are based on estimates.