

# World Happiness Report 2013

## Appendix material for Chapter 2

### World Happiness: Trends, Explanations and Distribution

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Table A2. National Averages in 2010-12

Country	Region	Ladder	Social support	Freedom	Corruption	Donation	Generosity	Positive affect	Negative affect	Happiness (yesterday)	GDP per capita	Healthy life expectancy
Afghanistan	4	4.040	0.525	0.540	0.755	0.348	0.207	0.663	0.270	0.721	979	36.535
Albania	1	5.550	0.759	0.553	0.827	0.112	-0.192	0.627	0.276	0.568	7652	61.417
Algeria	8	5.422	0.831	0.551	0.681	0.106	-0.194	0.567	0.245	0.542	7547	61.722
Angola	9	5.589	0.723	0.584	0.912	0.322	0.046	0.659	0.361	0.708	5172	34.601
Argentina	6	6.562	0.906	0.764	0.810	0.199	-0.150	0.847	0.238	0.813	14379	65.543
Armenia	2	4.316	0.681	0.476	0.915	0.079	-0.194	0.501	0.450	0.488	4941	61.453
Australia	7	7.350	0.955	0.937	0.362	0.715	0.303	0.820	0.210	0.863	34571	72.948
Austria	0	7.369	0.929	0.913	0.642	0.532	0.119	0.810	0.153	0.890	35211	72.148
Azerbaijan	2	4.604	0.725	0.546	0.810	0.188	-0.127	0.539	0.265	0.455	8796	58.205
Bahrain	8	5.312	0.901	0.828	0.508	0.366	-0.012	0.591	0.459	0.577	21693	64.405
Bangladesh	4	4.804	0.580	0.707	0.767	0.161	-0.025	0.691	0.215	0.702	1523	54.965
Belarus	2	5.504	0.910	0.667	0.688	0.145	-0.194	0.538	0.213	0.437	12438	61.319
Belgium	0	6.967	0.932	0.848	0.724	0.384	-0.024	0.828	0.235	0.821	32789	71.550
Benin	9	3.528	0.500	0.771	0.829	0.066	-0.118	0.604	0.225	0.543	1425	45.280
Bolivia	6	5.857	0.802	0.784	0.813	0.218	-0.046	0.770	0.373	0.773	4365	55.439
Bosnia and Herzegovina	1	4.813	0.759	0.372	0.939	0.236	-0.067	0.554	0.358	0.592	7487	64.455
Botswana	9	3.970	0.854	0.813	0.815	0.115	-0.224	0.734	0.168	0.732	12426	36.168
Brazil	6	6.849	0.904	0.829	0.646	0.252	-0.070	0.794	0.288	0.853	9942	60.500
Bulgaria	1	3.981	0.846	0.599	0.945	0.154	-0.179	0.550	0.246	0.456	11567	66.051
Burkina Faso	9	4.259	0.742	0.645	0.734	0.093	-0.075	0.571	0.240	0.497	1124	36.653
Burundi	9	3.706	0.422	0.490	0.677	0.048	-0.066	0.689	0.190	0.683	524	36.291
Cambodia	3	4.067	0.673	0.941	0.852	0.535	0.327	0.798	0.361	0.814	1977	48.873

Cameroon	9	4.420	0.747	0.792	0.881	0.185	-0.026	0.607	0.276	0.576	2050	42.807
Canada	7	7.477	0.942	0.932	0.437	0.653	0.247	0.872	0.236	0.911	35294	72.082
Central African Republic	9	3.623	0.435	0.735	0.839	0.110	-0.024	0.524	0.267	0.477	702	39.560
Chad	9	4.056	0.742	0.536	0.873	0.167	-0.010	0.554	0.297	0.515	1292	41.886
Chile	6	6.587	0.844	0.740	0.744	0.479	0.129	0.809	0.302	0.792	14527	67.878
China	5	4.978	0.782	0.812	0.808	0.115	-0.186	0.808	0.153	0.785	6993	64.726
Colombia	6	6.416	0.904	0.818	0.843	0.257	-0.055	0.836	0.281	0.831	8536	62.697
Comoros	9	3.851	0.721	0.518	0.720	0.146	-0.013	0.668	0.184	0.681	985	55.732
Congo (Brazzaville)	9	4.297	0.634	0.771	0.822	0.100	-0.154	0.590	0.300	0.491	3831	47.308
Congo (Kinshasa)	9	4.578	0.757	0.594	0.843	0.085	0.006	0.625	0.219	0.576	323	37.797
Costa Rica	6	7.257	0.903	0.912	0.802	0.341	0.015	0.886	0.251	0.881	10440	67.385
Croatia	1	5.661	0.788	0.541	0.957	0.123	-0.234	0.608	0.267	0.614	15996	67.409
Cyprus	0	6.466	0.820	0.745	0.846	0.500	0.109	0.771	0.301	0.737	25909	68.041
Czech Republic	1	6.290	0.924	0.771	0.942	0.287	-0.097	0.623	0.249	0.475	23492	69.322
Denmark	0	7.693	0.963	0.937	0.176	0.629	0.222	0.776	0.179	0.647	32333	71.228
Djibouti	9	4.690	0.633	0.755	0.557	0.130	-0.084	0.579	0.181	0.673	2087	44.038
Dominican Republic	6	4.963	0.870	0.837	0.768	0.264	-0.046	0.798	0.293	0.835	8308	60.201
Ecuador	6	5.865	0.814	0.779	0.745	0.191	-0.110	0.845	0.275	0.837	7303	62.470
Egypt	8	4.273	0.750	0.527	0.878	0.155	-0.126	0.532	0.364	0.522	5513	59.792
El Salvador	6	5.809	0.765	0.700	0.724	0.151	-0.136	0.840	0.335	0.839	5979	60.144
Estonia	1	5.426	0.899	0.716	0.751	0.181	-0.182	0.649	0.202	0.558	17434	66.911
Ethiopia	9	4.561	0.659	0.776	0.918	0.103	-0.054	0.668	0.137	0.732	979	43.343
Finland	0	7.389	0.934	0.924	0.356	0.459	0.055	0.801	0.203	0.857	31257	72.409
France	0	6.764	0.935	0.859	0.623	0.271	-0.137	0.770	0.262	0.768	29571	72.693
Gabon	9	4.114	0.694	0.670	0.835	0.111	-0.235	0.532	0.265	0.456	13804	52.727
Georgia	2	4.187	0.525	0.616	0.375	0.032	-0.235	0.525	0.246	0.527	4564	64.930
Germany	0	6.672	0.942	0.894	0.678	0.451	0.046	0.799	0.168	0.865	34056	73.065
Ghana	9	5.091	0.716	0.808	0.854	0.263	0.075	0.762	0.182	0.800	1511	50.926
Greece	0	5.435	0.844	0.462	0.954	0.059	-0.326	0.602	0.322	0.471	23864	72.060
Guatemala	6	5.965	0.810	0.774	0.835	0.330	0.067	0.852	0.291	0.851	4309	58.208
Guinea	9	3.847	0.570	0.721	0.770	0.190	0.032	0.689	0.272	0.648	986	46.641

Haiti	6	4.341	0.623	0.422	0.765	0.407	0.245	0.592	0.274	0.634	1030	44.413
Honduras	6	5.142	0.782	0.712	0.867	0.301	0.053	0.820	0.288	0.813	3528	59.360
Hong Kong	5	5.523	0.842	0.888	0.278	0.661	0.235	0.721	0.188	0.798	42689	70.062
Hungary	1	4.775	0.898	0.572	0.953	0.227	-0.134	0.650	0.285	0.635	16987	66.325
Iceland	0	7.355	0.978	0.898	0.747	0.651	0.240	0.900	0.157	0.907	34636	73.587
India	4	4.772	0.554	0.710	0.855	0.259	0.022	0.649	0.270	0.667	3073	54.588
Indonesia	3	5.348	0.827	0.779	0.963	0.690	0.410	0.877	0.235	0.859	3968	59.300
Iran	8	4.643	0.596	0.601	0.873	0.510	0.184	0.602	0.488	0.609	10462	58.350
Iraq	8	4.817	0.763	0.360	0.828	0.200	-0.033	0.472	0.489	0.454	3290	57.881
Ireland	0	7.076	0.971	0.903	0.595	0.749	0.335	0.859	0.209	0.895	35902	71.406
Israel	8	7.301	0.893	0.657	0.888	0.524	0.133	0.694	0.355	0.713	25988	68.155
Italy	0	6.021	0.881	0.611	0.923	0.401	0.032	0.648	0.320	0.581	27000	73.643
Jamaica	6	5.374	0.855	0.796	0.914	0.219	-0.079	0.836	0.237	0.834	7001	65.934
Japan	5	6.064	0.908	0.780	0.727	0.284	-0.118	0.789	0.178	0.786	30478	75.134
Jordan	8	5.414	0.867	0.747	0.739	0.175	-0.103	0.599	0.311	0.610	5255	61.415
Kazakhstan	2	5.671	0.900	0.835	0.835	0.134	-0.195	0.710	0.163	0.654	10934	57.843
Kenya	9	4.403	0.828	0.658	0.918	0.245	0.057	0.762	0.182	0.771	1479	46.546
Kosovo	1	5.222	0.742	0.560	0.946	0.341	0.038	0.662	0.114	0.574	7487	58.926
Kuwait	8	6.515	0.886	0.776	0.522	0.381	-0.050	0.781	0.163	0.751	46086	67.360
Kyrgyzstan	2	5.042	0.878	0.724	0.921	0.123	-0.088	0.674	0.152	0.657	2069	56.342
Laos	3	4.787	0.692	0.882	0.582	0.586	0.365	0.908	0.305	0.909	2388	48.268
Latvia	1	5.046	0.844	0.564	0.924	0.326	-0.021	0.562	0.227	0.418	13900	65.267
Lebanon	8	4.931	0.723	0.652	0.899	0.355	0.016	0.536	0.332	0.557	12465	61.059
Lesotho	9	4.898	0.824	0.618	0.769	0.096	-0.089	0.793	0.170	0.796	1448	40.358
Liberia	9	4.196	0.812	0.846	0.829	0.113	0.007	0.582	0.225	0.613	473	37.184
Libya	8	5.340	0.836	0.643	0.787	0.399	0.232	0.645	0.301	0.631	15361	64.113
Lithuania	1	5.426	0.904	0.529	0.963	0.121	-0.236	0.540	0.275	0.462	16154	65.797
Luxembourg	0	7.054	0.934	0.929	0.384	0.542	0.082	0.820	0.215	0.860	68312	72.839
Macedonia	1	4.574	0.756	0.578	0.886	0.230	-0.088	0.598	0.366	0.664	9292	62.855
Madagascar	9	3.966	0.746	0.516	0.878	0.094	-0.055	0.599	0.214	0.448	861	49.479
Malawi	9	4.113	0.608	0.685	0.869	0.254	0.112	0.764	0.235	0.771	785	37.253
Malaysia	3	5.760	0.817	0.820	0.847	0.351	0.006	0.862	0.174	0.882	13626	64.213

Mali	9	4.247	0.790	0.759	0.773	0.100	-0.056	0.745	0.134	0.712	957	38.648
Malta	0	5.964	0.918	0.849	0.849	0.680	0.299	0.726	0.369	0.809	22697	73.487
Mauritania	9	4.758	0.780	0.592	0.735	0.272	0.057	0.771	0.161	0.804	2186	45.232
Mauritius	9	5.477	0.800	0.848	0.849	0.517	0.179	0.738	0.253	0.732	12283	61.622
Mexico	6	7.088	0.809	0.796	0.669	0.249	-0.094	0.800	0.250	0.819	12520	66.225
Moldova	2	5.791	0.848	0.610	0.950	0.204	-0.028	0.573	0.292	0.526	2791	60.361
Mongolia	5	4.834	0.924	0.673	0.937	0.393	0.140	0.698	0.161	0.753	3756	56.603
Montenegro	1	5.299	0.775	0.520	0.732	0.115	-0.210	0.590	0.389	0.691	10184	62.609
Morocco	8	4.885	0.730	0.675	0.866	0.074	-0.189	0.671	0.239	0.654	4264	60.865
Mozambique	9	4.971	0.818	0.639	0.719	0.102	-0.043	0.592	0.243	0.644	823	38.211
Myanmar	3	4.439	0.612	0.691	0.695	0.856	0.676	0.764	0.205	0.750	1325	54.795
Nepal	4	4.156	0.747	0.580	0.907	0.236	0.076	0.711	0.224	0.739	1087	52.790
Netherlands	0	7.512	0.945	0.908	0.378	0.728	0.312	0.859	0.205	0.844	36854	72.338
New Zealand	7	7.221	0.951	0.918	0.273	0.658	0.271	0.860	0.216	0.910	24478	71.115
Nicaragua	6	5.507	0.853	0.807	0.738	0.239	-0.004	0.800	0.277	0.772	3270	62.470
Niger	9	4.152	0.724	0.777	0.614	0.077	-0.050	0.683	0.145	0.707	639	36.664
Nigeria	9	5.248	0.812	0.660	0.907	0.264	0.050	0.797	0.194	0.829	2160	42.953
North Cyprus	0	5.463	0.871	0.693	0.871	0.436	0.045	0.709	0.405	0.790	25909	68.041
Norway	0	7.655	0.942	0.947	0.421	0.498	0.063	0.823	0.213	0.749	48071	72.492
Oman	8	6.853	0.852	0.916	0.451	0.394	0.007		0.295	0.893	24559	61.685
Pakistan	4	5.292	0.542	0.368	0.854	0.385	0.163	0.655	0.345	0.682	2405	53.735
Palestine	8	4.700	0.778	0.523	0.747	0.103	-0.103	0.599	0.383	0.600	1924	61.203
Panama	6	7.143	0.900	0.789	0.842	0.345	0.005	0.880	0.177	0.898	12779	66.552
Paraguay	6	5.779	0.896	0.714	0.774	0.445	0.178	0.834	0.193	0.755	4535	62.655
Peru	6	5.776	0.777	0.744	0.861	0.202	-0.109	0.779	0.353	0.776	8514	61.715
Philippines	3	4.985	0.805	0.901	0.788	0.304	0.054	0.864	0.339	0.913	3550	60.298
Poland	1	5.822	0.937	0.818	0.904	0.327	-0.034	0.747	0.240	0.640	17178	66.591
Portugal	0	5.101	0.862	0.772	0.954	0.247	-0.131	0.734	0.295	0.779	21471	70.877
Qatar	8	6.666	0.845	0.918	0.140	0.560	0.096	0.763	0.324	0.833	72892	66.013
Romania	1	5.033	0.727	0.620	0.966	0.226	-0.103	0.565	0.327	0.470	10864	64.386
Russia	2	5.464	0.901	0.615	0.941	0.060	-0.288	0.599	0.171	0.484	14103	59.729
Rwanda	9	3.715	0.603	0.832	0.115	0.131	-0.035	0.684	0.143	0.708	1105	39.229

Saudi Arabia	8	6.480	0.852	0.624	0.451	0.301	-0.074	0.702	0.251	0.689	20546	62.183
Senegal	9	3.959	0.691	0.695	0.857	0.102	-0.096	0.764	0.179	0.775	1730	48.976
Serbia	1	4.813	0.773	0.455	0.964	0.152	-0.169	0.531	0.399	0.614	9634	62.551
Sierra Leone	9	4.318	0.797	0.748	0.884	0.156	0.000	0.480	0.295	0.518	949	29.616
Singapore	3	6.546	0.884	0.834	0.075	0.350	-0.086	0.542	0.138	0.572	49219	71.110
Slovakia	1	5.969	0.921	0.663	0.908	0.316	-0.057	0.653	0.289	0.589	20130	67.308
Slovenia	1	6.060	0.924	0.902	0.874	0.366	-0.022	0.660	0.288	0.733	24943	70.585
Somaliland	9	4.847	0.798	0.823	0.398	0.443	0.285	0.750	0.120	0.794	979	43.343
South Africa	9	4.963	0.897	0.689	0.821	0.132	-0.188	0.770	0.178	0.741	9552	45.275
South Korea	5	6.267	0.800	0.659	0.819	0.334	-0.057	0.661	0.178	0.608	26789	69.235
Spain	0	6.322	0.942	0.781	0.842	0.272	-0.110	0.740	0.353	0.804	26972	73.647
Sri Lanka	4	4.151	0.826	0.790	0.793	0.474	0.199	0.844	0.183	0.848	4689	61.951
Sudan	9	4.401	0.818	0.570	0.727	0.173	-0.036	0.604	0.241	0.606	1999	49.413
Suriname	6	6.269	0.797	0.885	0.751	0.250	-0.051	0.764	0.250	0.656	7378	61.977
Swaziland	9	4.867	0.837	0.607	0.920	0.200	-0.079	0.821	0.251	0.815	5338	40.925
Sweden	0	7.480	0.940	0.930	0.226	0.544	0.134	0.834	0.183	0.791	33869	74.213
Switzerland	0	7.650	0.943	0.918	0.319	0.550	0.129	0.859	0.176	0.907	39476	73.561
Syria	8	3.892	0.655	0.550	0.731	0.364	0.051	0.545	0.501	0.510	4714	61.940
Taiwan	5	6.221	0.840	0.712	0.803	0.413	0.009	0.831	0.129	0.815	30463	66.579
Tajikistan	2	4.380	0.746	0.769	0.685	0.139	-0.067	0.686	0.185	0.751	1945	55.420
Tanzania	9	3.770	0.842	0.637	0.857	0.276	0.098	0.720	0.162	0.708	1291	48.695
Thailand	3	6.371	0.899	0.870	0.918	0.738	0.435	0.886	0.143	0.936	7526	60.477
Togo	9	2.936	0.303	0.584	0.840	0.069	-0.084	0.480	0.395	0.362	902	46.133
Trinidad and Tobago	6	6.519	0.863	0.775	0.904	0.438	0.055	0.906	0.134	0.907	23172	62.805
Tunisia	8	4.826	0.705	0.598	0.846	0.116	-0.194	0.590	0.280	0.571	8351	62.922
Turkey	8	5.345	0.741	0.475	0.710	0.126	-0.214	0.640	0.344	0.707	12789	62.912
Turkmenistan	2	5.628	0.955	0.786	0.597	0.235	-0.071	0.612	0.120	0.596	7831	54.837
Uganda	9	4.443	0.866	0.728	0.843	0.201	0.032	0.693	0.257	0.710	1152	44.821
Ukraine	2	5.057	0.880	0.542	0.934	0.087	-0.200	0.558	0.213	0.470	6052	61.601
United Arab Emirates	8	7.144	0.878	0.895	0.355	0.472	0.044	0.765	0.223	0.764	43295	64.545
United Kingdom	0	6.883	0.947	0.887	0.448	0.744	0.339	0.845	0.180	0.873	32797	71.645

United States	7	7.082	0.917	0.834	0.698	0.621	0.191	0.844	0.254	0.877	42068	69.689
Uruguay	6	6.355	0.883	0.852	0.537	0.273	-0.066	0.800	0.232	0.750	12538	66.434
Uzbekistan	2	5.623	0.920	0.924	0.597	0.226	-0.005	0.783	0.131	0.786	2756	60.176
Venezuela	6	7.039	0.931	0.780	0.755	0.136	-0.196	0.849	0.168	0.808	11182	65.104
Vietnam	3	5.533	0.809	0.841	0.766	0.211	-0.024	0.613	0.213	0.637	2905	62.188
Yemen	8	4.054	0.683	0.668	0.836	0.080	-0.142	0.518	0.281	0.551	2235	50.780
Zambia	9	5.006	0.822	0.726	0.846	0.211	0.027	0.780	0.227	0.792	1416	37.099
Zimbabwe	9	4.827	0.873	0.590	0.842	0.094	0.018	0.733	0.170	0.728	309	37.143

Notes for region code: 0. Western Europe; 1. Central & Eastern Europe; 2. Commonwealth of Independent States; 3. Southeast Asia; 4. South Asia; 5. East Asia; 6. Latin America & Caribbean; 7. Northern America & ANZ; 8. Middle East & North Africa; 9. Sub-Saharan Africa.

**Table A3. National Averages in 2005-07**

Country	Region	Ladder	Social support	Freedom	Corruption	Donation	Generosity	Positive affect	Negative affect	GDP per capita	Healthy life expectancy
Afghanistan	4	4.051	0.566	0.738	0.744	0.527	0.395	0.644	0.217	688.215	35.270
Albania	1	4.634	0.821	0.529	0.875	0.272	-0.019	0.553	0.246	6376.64	61.000
Angola	9	4.151	0.772	0.632	0.895	0.334	0.089	0.629	0.322	3354.65	33.210
Argentina	6	6.193	0.900	0.693	0.869	0.192	-0.140	0.826	0.304	11240.4	64.920
Armenia	2	4.586	0.708	0.549	0.847	0.039	-0.226	0.501	0.440	4363.83	60.919
Australia	7	7.310	0.967	0.916	0.433	0.739	0.331	0.834	0.226	32478.9	72.298
Austria	0	7.122	0.936	0.941	0.478	0.705	0.295	0.823	0.174	33626.4	71.365
Azerbaijan	2	4.649	0.820	0.693	0.814	0.062	-0.207	0.516	0.280	5238.69	57.340
Bangladesh	4	4.473	0.587	0.608	0.798	0.239	0.067	0.618	0.317	1195.5	53.858
Belarus	2	5.637	0.898	0.693	0.697	0.069	-0.243	0.601	0.252	9101.46	60.653
Belgium	0	7.240	0.928	0.912	0.666	0.468	0.060	0.805	0.239	32320.1	70.643
Belize	6	6.451	0.872	0.705	0.770	0.296	0.005	0.759	0.251	6337.18	60.000
Benin	9	3.330	0.445	0.580	0.769	0.179	-0.003	0.587	0.309	1371.34	43.738
Bolivia	6	5.500	0.815	0.775	0.801	0.227	-0.027	0.755	0.410	3828.53	54.367
Bosnia and Herzegovina	1	4.900	0.766	0.342	0.929	0.296	0.001	0.613	0.296	6732.96	64.000
Botswana	9	4.739	0.883	0.824	0.731	0.111	-0.222	0.688	0.226	11542.2	34.965

Brazil	6	6.478	0.885	0.829	0.735	0.291	-0.023	0.839	0.300	8548.56	59.261
Bulgaria	1	3.844	0.832	0.566	0.979	0.184	-0.143	0.594	0.226	10502.5	65.000
Burkina Faso	9	3.910	0.784	0.585	0.824	0.139	-0.023	0.684	0.273	1032.16	35.328
Cambodia	3	3.862	0.734	0.819	0.860	0.370	0.178	0.719	0.331	1579.44	47.291
Cameroon	9	4.100	0.703	0.649	0.914	0.180	-0.028	0.620	0.260	1995.19	41.394
Canada	7	7.445	0.962	0.946	0.462	0.645	0.232	0.853	0.243	35037	71.772
Chad	9	3.788	0.600	0.300	0.921	0.162	-0.019	0.597	0.254	1354.96	40.920
Chile	6	5.879	0.825	0.703	0.671	0.539	0.197	0.786	0.345	13027.6	67.449
China	5	4.720	0.781			0.082	-0.186	0.814	0.164	4362.94	63.902
Colombia	6	6.082	0.902	0.795	0.836	0.265	-0.038	0.804	0.306	7490.67	61.900
Costa Rica	6	7.258	0.927	0.903	0.811	0.392	0.074	0.872	0.238	9357.18	66.946
Croatia	1	5.821	0.910	0.662	0.935	0.262	-0.095	0.586	0.337	16095.8	66.500
Cuba	6	5.418	0.970	0.281				0.647	0.277	8948.26	65.597
Cyprus	0	6.238	0.878	0.836	0.698	0.401	0.014	0.829	0.253	24408	67.372
Czech Republic	1	6.471	0.909	0.832	0.916	0.310	-0.072	0.730	0.268	21320.8	68.143
Denmark	0	7.926	0.963	0.952	0.204	0.646	0.235	0.844	0.174	33348.9	69.843
Dominican Republic	6	5.085	0.883	0.872	0.759	0.310	0.016	0.757	0.267	6670.45	59.411
Ecuador	6	5.010	0.875	0.670	0.866	0.207	-0.087	0.829	0.322	6611.74	61.939
Egypt	8	5.425	0.763	0.710		0.160	-0.110	0.701	0.347	4544.91	58.729
El Salvador	6	5.497	0.797	0.661	0.800	0.227	-0.058	0.866	0.226	5802.03	59.415
Estonia	1	5.352	0.903	0.731	0.785	0.109	-0.253	0.660	0.196	17400.7	63.946
Ethiopia	9	4.064	0.799	0.371		0.160	0.030	0.561	0.202	662.504	41.218
Finland	0	7.672	0.965	0.969	0.117	0.391	-0.012	0.722	0.172	30707.9	71.457
France	0	6.813	0.941	0.837	0.696	0.515	0.115	0.774	0.260	29297.9	71.555
Georgia	2	3.691	0.613	0.523	0.735	0.006	-0.246	0.430	0.253	3763.53	64.444
Germany	0	6.508	0.953	0.822	0.782	0.563	0.157	0.752	0.216	31593.8	71.728
Ghana	9	4.876	0.729	0.870	0.800	0.381	0.206	0.678	0.207	1231.29	49.254
Greece	0	6.327	0.822	0.655	0.844	0.190	-0.200	0.715	0.243	24742.1	70.911
Guatemala	6	6.113	0.848	0.646	0.759	0.416	0.156	0.819	0.256	4118.67	57.406
Guinea	9	4.300	0.585	0.674	0.795	0.285	0.127	0.693	0.295	977.767	45.000
Guyana	6	5.993	0.849	0.694	0.834	0.365	0.136	0.768	0.296	2659.05	55.000
Haiti	6	3.754	0.694	0.449	0.859	0.558	0.397	0.613	0.332	1023.23	43.208

Honduras	6	5.246	0.876	0.663	0.840	0.392	0.148	0.810	0.177	3349.99	58.391
Hong Kong	5	5.511	0.812	0.910	0.334	0.551	0.136	0.723	0.236	36440.1	69.284
Hungary	1	5.076	0.930	0.619	0.905	0.192	-0.172	0.688	0.261	16979.2	64.777
India	4	5.154	0.624	0.747	0.863	0.163	-0.058	0.676	0.232	2293.17	53.353
Indonesia	3	5.019	0.740	0.663	0.938	0.593	0.351	0.819	0.255	3169	57.857
Iran	8	5.321	0.744	0.598	0.752	0.362	0.041	0.616	0.414	9291.13	57.259
Ireland	0	7.144	0.967	0.943	0.473	0.653	0.233	0.878	0.209	38896.4	69.751
Israel	8	7.009	0.898	0.752	0.897	0.592	0.206	0.696	0.314	23776.9	71.020
Italy	0	6.712	0.920	0.743	0.931	0.507	0.109	0.697	0.299	28482.3	72.683
Jamaica	6	6.208	0.909	0.738	0.950	0.283	-0.017	0.788	0.201	7224.37	64.743
Japan	5	6.367	0.933	0.829	0.762	0.292	-0.112	0.735	0.182	30506.8	74.735
Jordan	8	5.942	0.880	0.646	0.667	0.182	-0.086	0.689	0.240	4340.34	60.899
Kazakhstan	2	5.597	0.868	0.755	0.870	0.065	-0.246	0.660	0.182	9113.84	55.855
Kenya	9	4.278	0.871	0.689	0.830	0.190	0.007	0.714	0.180	1370.87	44.204
Kosovo	1	5.104	0.848	0.381	0.896	0.409		0.655	0.237		58.187
Kuwait	8	6.076	0.919	0.769		0.194	-0.242	0.846	0.182	48782.6	66.921
Kyrgyzstan	2	4.670	0.840	0.680	0.902	0.091	-0.099	0.655	0.145	1738.56	54.939
Laos	3	5.220	0.798	0.896		0.678	0.479	0.873	0.149	1754.47	46.793
Latvia	1	4.688	0.860	0.670	0.941	0.150	-0.196	0.663	0.241	13878.3	62.932
Lebanon	8	5.071	0.825	0.687	0.924	0.381	0.060	0.566	0.306	9612.4	60.264
Liberia	9	3.701	0.594	0.790	0.773	0.257	0.170	0.613	0.435	364.545	35.500
Lithuania	1	5.882	0.936	0.578	0.967	0.061	-0.290	0.606	0.266	14799.7	63.570
Macedonia	1	4.494	0.811	0.439	0.866	0.380	0.071	0.603	0.251	8248.3	62.315
Madagascar	9	3.980	0.711			0.116	-0.033	0.702	0.161	868.675	48.073
Malawi	9	4.361	0.577	0.839	0.684	0.308	0.180	0.699	0.199	642.19	34.665
Malaysia	3	6.137	0.869	0.841	0.777	0.472	0.134	0.764	0.198	12230.8	63.417
Mali	9	4.014	0.761	0.555	0.763	0.098	-0.052	0.767	0.209	884.554	37.198
Mauritania	9	4.678	0.782	0.626	0.588	0.191	-0.020	0.769	0.158	2077.26	44.444
Mexico	6	6.553	0.891	0.742	0.757	0.235	-0.105	0.818	0.234	12308.8	65.285
Moldova	2	4.939	0.809	0.600	0.927	0.096	-0.130	0.595	0.280	2421.79	59.419
Mongolia	5	4.609	0.881	0.781	0.927	0.322	0.083	0.571	0.203	3062.29	55.500
Montenegro	1	5.196	0.832	0.512	0.782	0.187	-0.129	0.579	0.340	8942.12	62.214



Morocco	8	5.032		0.699	0.935			0.624	0.249	3592.31	59.746
Mozambique	9	4.713	0.813	0.664	0.804	0.171	0.039	0.628	0.284	681.976	36.887
Myanmar	3	5.322	0.886			0.365		0.642	0.070		53.080
Namibia	9	4.886	0.828	0.781	0.839	0.174	-0.106	0.811	0.160	5471.78	43.500
Nepal	4	4.658	0.830	0.551	0.894	0.490	0.333	0.680	0.162	961.73	51.250
Netherlands	0	7.458	0.946	0.898	0.484	0.749	0.334	0.843	0.223	35359.4	71.164
New Zealand	7	7.432	0.952	0.918	0.228	0.683	0.289	0.869	0.227	25247.9	70.455
Nicaragua	6	4.707	0.872	0.791	0.836	0.304	0.065	0.794	0.291	3073.4	61.339
Niger	9	4.000	0.701	0.668	0.753	0.130	0.005	0.731	0.169	616.348	35.314
Nigeria	9	4.800	0.726	0.642	0.903	0.334	0.134	0.804	0.160	1781.1	41.297
Norway	0	7.416	0.959	0.960	0.377	0.524	0.090	0.832	0.197	47626.3	71.954
Pakistan	4	5.506	0.522	0.490	0.818	0.308	0.091	0.683	0.280	2132.26	52.836
Palestine	8	4.433	0.765	0.455	0.860	0.135		0.532	0.421		60.562
Panama	6	6.510	0.944	0.761	0.914	0.346	0.027	0.833	0.191	9472.47	65.927
Paraguay	6	5.002	0.879	0.695	0.888	0.377	0.121	0.841	0.261	3932.83	61.913
Peru	6	5.013	0.815	0.653	0.913	0.198	-0.095	0.727	0.391	6596.16	60.884
Philippines	3	4.854	0.798	0.839	0.862	0.266	0.026	0.810	0.378	3101.87	59.421
Poland	1	5.737	0.917	0.777	0.957	0.293	-0.057	0.738	0.260	13974.5	65.392
Portugal	0	5.405	0.905	0.882	0.868	0.189	-0.188	0.709	0.333	21369	69.587
Puerto Rico	6	6.593	0.927	0.755	0.880	0.305	-0.086	0.828	0.249	26053.7	65.953
Romania	1	5.219	0.788	0.745	0.953	0.147	-0.177	0.643	0.312	9544.11	62.702
Russia	2	5.118	0.890	0.622	0.938	0.047	-0.287	0.618	0.209	12365.2	58.129
Rwanda	9	4.215	0.718	0.915	0.287			0.735	0.189	840.475	37.537
Saudi Arabia	8	7.173	0.880	0.622		0.396	0.022	0.751	0.237	20213.8	61.291
Senegal	9	4.633	0.758	0.716	0.793	0.184	-0.012	0.747	0.212	1675.29	47.868
Serbia	1	4.750	0.844	0.453	0.904	0.143	-0.171	0.576	0.334	8858.42	61.720
Sierra Leone	9	3.607	0.624	0.700	0.833	0.313	0.166	0.543	0.336	853.438	28.275
Singapore	3	6.640	0.910	0.791	0.051	0.612	0.207	0.726	0.187	46602.3	69.869
Slovakia	1	5.265	0.954	0.542	0.951	0.293	-0.064	0.678	0.308	16174.8	65.998
Slovenia	1	5.811	0.936	0.936	0.687	0.413	0.030	0.652	0.307	23475.6	69.081
South Africa	9	5.144	0.850	0.670	0.860	0.179	-0.135	0.769	0.216	8787.06	43.968
South Korea	5	5.540	0.800	0.687	0.804	0.310	-0.073	0.669	0.285	23315.2	67.837

Spain	0	7.072	0.959	0.849	0.770	0.290	-0.106	0.769	0.252	27463.2	72.185
Sri Lanka	4	4.379	0.851	0.730	0.841	0.352	0.100	0.733	0.218	3665.72	61.447
Sweden	0	7.309	0.934	0.937	0.263	0.546	0.136	0.818	0.164	32872.5	73.339
Switzerland	0	7.473	0.951	0.919	0.386	0.707	0.291	0.821	0.212	36963.6	72.776
Taiwan	5	6.189	0.882	0.630	0.854	0.356	-0.037	0.814	0.094	26693	65.519
Tajikistan	2	4.522	0.725	0.742	0.726	0.110	-0.056	0.632	0.164	1375.87	54.356
Tanzania	9	4.002	0.727	0.746	0.692	0.137	-0.029	0.740	0.217	1090.62	45.868
Thailand	3	5.843	0.892	0.866	0.920	0.661	0.366	0.821	0.171	6814.58	59.942
Togo	9	3.202	0.435	0.628	0.849	0.127	-0.022	0.615	0.348	858.217	44.847
Trinidad and Tobago	6	5.832	0.887	0.840	0.918	0.499	0.127	0.798	0.229	20058.2	61.787
Turkey	8	5.173	0.806	0.541	0.829	0.157	-0.180	0.603	0.395	11405.3	61.688
Uganda	9	4.096	0.803	0.727	0.856	0.135	-0.020	0.649	0.241	944.075	42.677
Ukraine	2	5.025	0.842	0.582	0.948	0.048	-0.233	0.629	0.229	5807.51	59.437
United Arab Emirates	8	6.734	0.903	0.898		0.407	-0.051	0.746	0.275	66854.7	63.843
United Kingdom	0	6.886	0.976	0.877	0.444	0.728	0.319	0.820	0.251	32933.2	70.323
United States	7	7.364	0.965	0.890	0.620	0.606	0.178	0.828	0.245	42872.3	68.889
Uruguay	6	5.740	0.893	0.797	0.526	0.173	-0.149	0.781	0.290	9867.93	65.946
Uzbekistan	2	5.232	0.903	0.784	0.597	0.098	-0.111	0.728	0.195	2000.97	59.400
Venezuela	6	6.847	0.951	0.818	0.682	0.272	-0.050	0.839	0.206	9537.82	64.244
Vietnam	3	5.359	0.871	0.902	0.745	0.277	0.061	0.634	0.205	2237.29	61.407
Yemen	8	4.477	0.825	0.673		0.226	0.009	0.592	0.379	2237.68	49.500
Zambia	9	4.414	0.743	0.702	0.868	0.152	-0.019	0.694	0.236	1178.57	34.656
Zimbabwe	9	3.554	0.825	0.443	0.923	0.098	0.015	0.688	0.281	342.14	33.100

Notes for region code: 0. Western Europe; 1. Central & Eastern Europe; 2. Commonwealth of Independent States; 3. Southeast Asia; 4. South Asia; 5. East Asia; 6. Latin America & Caribbean; 7. Northern America & ANZ; 8. Middle East & North Africa; 9. Sub-Saharan Africa. Positive affect in 2005-07 does not include happiness (yesterday) since happiness data were not collected in the period.

**Table A4. Change from 2005-07 to 2010-12 for the 130 Countries with Data in Both Periods**

Country	Region	$\Delta$ ladder	$\Delta$ positive affect	$\Delta$ negative affect
Afghanistan	4	-0.011	0.019	0.053
Albania	1	0.915	0.075	0.030
Angola	9	1.438	0.030	0.039
Argentina	6	0.369	0.021	-0.065
Armenia	2	-0.269	0.000	0.009
Australia	7	0.040	-0.013	-0.016
Austria	0	0.247	-0.013	-0.020
Azerbaijan	2	-0.045	0.023	-0.015
Bangladesh	4	0.331	0.072	-0.101
Belarus	2	-0.133	-0.063	-0.039
Belgium	0	-0.274	0.023	-0.004
Benin	9	0.198	0.017	-0.084
Bolivia	6	0.357	0.015	-0.036
Bosnia and Herzegovina	1	-0.087	-0.059	0.061
Botswana	9	-0.769	0.046	-0.058
Brazil	6	0.371	-0.045	-0.012
Bulgaria	1	0.137	-0.045	0.019
Burkina Faso	9	0.349	-0.113	-0.033
Cambodia	3	0.205	0.079	0.030
Cameroon	9	0.320	-0.013	0.017
Canada	7	0.032	0.019	-0.007
Chad	9	0.268	-0.043	0.044
Chile	6	0.708	0.024	-0.043
China	5	0.257	-0.005	-0.011
Colombia	6	0.334	0.032	-0.025
Costa Rica	6	0.000	0.015	0.013
Croatia	1	-0.160	0.022	-0.070
Cyprus	0	0.228	-0.059	0.048

Czech Republic	1	-0.180	-0.106	-0.018
Denmark	0	-0.233	-0.067	0.005
Dominican Republic	6	-0.122	0.040	0.026
Ecuador	6	0.855	0.016	-0.047
Egypt	8	-1.153	-0.170	0.017
El Salvador	6	0.313	-0.026	0.108
Estonia	1	0.074	-0.011	0.006
Ethiopia	9	0.497	0.107	-0.065
Finland	0	-0.283	0.079	0.031
France	0	-0.049	-0.004	0.002
Georgia	2	0.496	0.095	-0.006
Germany	0	0.163	0.047	-0.047
Ghana	9	0.214	0.084	-0.025
Greece	0	-0.891	-0.113	0.079
Guatemala	6	-0.148	0.034	0.035
Guinea	9	-0.452	-0.004	-0.023
Haiti	6	0.587	-0.021	-0.058
Honduras	6	-0.103	0.011	0.111
Hong Kong	5	0.012	-0.002	-0.048
Hungary	1	-0.300	-0.038	0.024
India	4	-0.382	-0.027	0.039
Indonesia	3	0.329	0.059	-0.019
Iran	8	-0.677	-0.014	0.075
Ireland	0	-0.068	-0.019	0.001
Israel	8	0.293	-0.002	0.041
Italy	0	-0.691	-0.049	0.021
Jamaica	6	-0.833	0.047	0.036
Japan	5	-0.303	0.054	-0.004
Jordan	8	-0.528	-0.090	0.072
Kazakhstan	2	0.074	0.050	-0.019
Kenya	9	0.125	0.048	0.002
Kosovo	1	0.118	0.007	-0.123

Kuwait	8	0.440	-0.065	-0.019
Kyrgyzstan	2	0.372	0.019	0.008
Laos	3	-0.432	0.035	0.156
Latvia	1	0.358	-0.102	-0.014
Lebanon	8	-0.140	-0.031	0.026
Liberia	9	0.495	-0.030	-0.210
Lithuania	1	-0.456	-0.065	0.008
Macedonia	1	0.081	-0.004	0.115
Madagascar	9	-0.013	-0.103	0.053
Malawi	9	-0.248	0.065	0.036
Malaysia	3	-0.377	0.098	-0.024
Mali	9	0.233	-0.022	-0.074
Mauritania	9	0.079	0.002	0.002
Mexico	6	0.535	-0.018	0.016
Moldova	2	0.852	-0.022	0.012
Mongolia	5	0.225	0.127	-0.042
Montenegro	1	0.103	0.011	0.049
Morocco	8	-0.147	0.047	-0.010
Mozambique	9	0.259	-0.036	-0.041
Myanmar	3	-0.883	0.122	0.136
Nepal	4	-0.502	0.031	0.062
Netherlands	0	0.054	0.015	-0.018
New Zealand	7	-0.210	-0.009	-0.011
Nicaragua	6	0.800	0.006	-0.014
Niger	9	0.152	-0.048	-0.024
Nigeria	9	0.448	-0.007	0.034
Norway	0	0.263	-0.009	0.016
Pakistan	4	-0.214	-0.028	0.065
Palestine	8	0.267	0.067	-0.039
Panama	6	0.633	0.048	-0.013
Paraguay	6	0.777	-0.007	-0.068
Peru	6	0.763	0.052	-0.037

Philippines	3	0.131	0.054	-0.039
Poland	1	0.085	0.009	-0.020
Portugal	0	-0.305	0.025	-0.038
Romania	1	-0.186	-0.078	0.015
Russia	2	0.346	-0.019	-0.038
Rwanda	9	-0.500	-0.051	-0.046
Saudi Arabia	8	-0.692	-0.049	0.014
Senegal	9	-0.674	0.017	-0.034
Serbia	1	0.063	-0.045	0.064
Sierra Leone	9	0.712	-0.063	-0.041
Singapore	3	-0.094	-0.184	-0.050
Slovakia	1	0.705	-0.025	-0.019
Slovenia	1	0.249	0.007	-0.019
South Africa	9	-0.182	0.001	-0.039
South Korea	5	0.728	-0.008	-0.107
Spain	0	-0.750	-0.029	0.101
Sri Lanka	4	-0.228	0.111	-0.035
Sweden	0	0.171	0.016	0.019
Switzerland	0	0.303	0.038	-0.036
Taiwan	5	0.032	0.018	0.035
Tajikistan	2	-0.142	0.054	0.022
Tanzania	9	-0.232	-0.020	-0.055
Thailand	3	0.527	0.065	-0.027
Togo	9	-0.266	-0.134	0.047
Trinidad and Tobago	6	0.687	0.109	-0.095
Turkey	8	0.171	0.037	-0.051
Uganda	9	0.347	0.044	0.016
Ukraine	2	0.032	-0.071	-0.016
United Arab Emirates	8	0.410	0.019	-0.053
United Kingdom	0	-0.003	0.025	-0.071
United States	7	-0.283	0.016	0.009
Uruguay	6	0.615	0.019	-0.057

Uzbekistan	2	0.390	0.055	-0.064
Venezuela	6	0.192	0.010	-0.037
Vietnam	3	0.173	-0.021	0.008
Yemen	8	-0.424	-0.074	-0.098
Zambia	9	0.592	0.086	-0.009
Zimbabwe	9	1.273	0.045	-0.111

Notes for region code: 0. Western Europe; 1. Central & Eastern Europe; 2. Commonwealth of Independent States; 3. Southeast Asia; 4. South Asia; 5. East Asia; 6. Latin America & Caribbean; 7. Northern America & ANZ; 8. Middle East & North Africa; 9. Sub-Saharan Africa. Positive affect in 2005-07 does not include happiness (yesterday) since happiness data were not collected in the period.