

7 Annexes

7.1 Annex 1: The Modified Mercalli earthquake intensity scale (Richter 1958)

I. Instrumental	Not felt except by a very few under especially favorable conditions.
II. Feeble	Felt only by a few persons at rest, especially on upper floors of buildings. Delicately suspended objects may swing.
III. Slight	Felt quite noticeably by persons indoors, especially on the upper floors of buildings. Many do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibration similar to the passing of a truck. Duration estimated.
IV. Moderate	Felt indoors by many, outdoors by few during the day. At night, some awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably. Dishes and windows rattle.
V. Rather Strong	Felt by nearly everyone; many awakened. Some dishes and windows broken. Unstable objects overturned. Clocks may stop.
VI. Strong	Felt by all; many frightened and run outdoors, walk unsteadily. Windows, dishes, glassware broken; books off shelves; some heavy furniture moved or overturned; a few instances of fallen plaster. Damage slight.
VII. Very Strong	Difficult to stand; furniture broken; damage negligible in building of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys broken. Noticed by persons driving motor cars.
VIII. Destructive	Damage slight in specially designed structures; considerable in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture moved.
IX. Ruinous	General panic; damage considerable in specially designed structures, well designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
X. Disastrous	Some well built wooden structures destroyed; most masonry and frame structures destroyed with foundation. Rails bent.
XI. Very Disastrous	Few, if any masonry structures remain standing. Bridges destroyed. Rails bent greatly.
XII. Catastrophic	Total damage - Almost everything is destroyed. Lines of sight and level distorted. Objects thrown into the air. The ground moves in waves or ripples. Large amounts of rock may move.

Source: http://en.wikipedia.org/wiki/Mercalli_intensity_scale <viewed November 2006>

7.2 Annex 2: List of sub-indicators used in the statistical analysis

No.	Indicator Name	Unit of measurement	Source (Year)	Min / max	Comment
1	Agriculture, value added	% of GDP	WB (2002)	Min: Hong Kong: 0.101446762681007 Max: Somalia: 65.4525909423828	Most values from 2000, sporadic from former years (back to 1990), no outliers
2	Employment in agriculture	% of total employment	WB (2002)	Min: Macao/China 0.100000001490116 Max; Bhutan: 94.1999969482422	Values mixed from 1990 - 2000, no outliers
3	Agriculture productivity	constant 1995 US\$	WB (2002)	Min: Djibouti 64.2867584228516 Max: Brunei (outlier) 152209.34375 Max considered Belgium: 59835.921875	Agriculture value added per worker, most values from 1999, sporadic values from 1998, 1997n and 1996, 1 outlier (Brunei), 1-x
4	Aid dependency	% of GNI	WB (2002)	Min: Bermuda - 0.3644978106 Max: Sao Tome and Principe 80.381797791	Net ODA, most values from 2000, sporadic from former years (back to 1990), no outliers
5	HIV/Aids values	% of population	UNAIDS / WHO / UNICEF (2002)	Max: Lesotho 1.98333333333333 Min: Turkmenistan 2.12765957446809E-06	UNAIDS/WHO/UNICEF Epidemiological Fact Sheets on HIV/AIDS, values all from 2002, ln(value), no outliers
6	Arable Land	% of Land Area	FAO (1999)	Min: Iceland 0.0698254364089776 Max: Tonga 66.6666666666667	FAO: Arable land includes land defined by the FAO as land under temporary crops, no outlier, all values from 1999
7	Corruption	Predefined index scale (0-10)	TI (2003)	Min: Bangladesh 1.3 Max: Finland 9.7	CPI Score relates to perceptions of the degree of corruption as seen by business people, academics and risk analysts, and ranges between 10 (highly clean) and 0 (highly corrupt), no outliers, all values from 2003, 1-x
8	Exports of goods and services	% of GDP	WB (2002)	Min: Myanmar; 0.428913921117783 Max: Singapore 179.908737182617	no outliers, most values from 2000, sporadic values from former years back to 1990, 1-x
9	GDI - Gender - related development index	Predefined index scale (0-1)	UNDP HDR (2003)	Min: Niger 0.279 Max: Norway 0.941	A composite index measuring average achievement in the three basic dimensions captured in the human development index—a long and healthy life, knowledge and a decent standard of living—adjusted to account for inequalities between men and women. Value range 0 (very low development) through 1 (very high development), all values 2001, no outlier, 1-x
10	GDP Per capita PPP	current international \$	WB (2003)	Min: Sierra Leone 470 Max: Luxembourg 53780 Max considered USA	1 outlier: (Luxembourg), most values 2000, sporadic from 2001, 1-x

				34320	
11	HDI	Predefined index scale (0-1)	UNDP HDR 2003 (HDI values: 2001)	Min: Sierra Leone 0.190972222222 Max: Norway 0.655555555555556	The HDI is a summary measure of human development. It measures the average achievements in a country in three basic dimensions of human development. Value range 0 (very low development) through 1 (very high development), all values 2001, ln(value), no outliers, 1-x
12	Imports of goods and services	% of GDP	WB (2002)	Min: Myanmar 0.696197509765625 Max: Singapore 161.446044921875	Most values from 2000, sporadic from former years (back to 1990), no outliers, 1-x
13	Improved water source	% of population with access	WB (2002)	Min: Afghanistan 13 Max: various countries 100	Most values from 2000, sporadic from 1999 and 1990, no outlier, 1-x
14	Life expectancy at birth, total	Years	WB (2002)	Min: Zambia 37.9723587036133 Max: Japan 80.7203216552734	Most values from 2000, sporadic older back to 1995, no outlier, 1-x
15	Literacy rate adults - UNDP	% of illiterate adult population	UNDP HDR (2002)	Min: Niger 16.5 Max: various countries 100	Most values from 2000, sporadic older back to 1995, no outlier, 1-x
16	Malnutrition prevalence, weight for age	% of children under 5	WB (2002)	Min: various countries 0 Max: Afghanistan 49.2999992370605	Mixed values from 1995-2001, no outlier
17	MAR - Minorities at risk	Index scale	University of Maryland	Min: various countries 0 Max: Afghanistan 26	MARGene dataset from 2004, no outlier
18	Mobile phones in 2001	Phones per 1000 people	UNDP HDR (2002)	Min: various countries 0 Max: Luxembourg 920	All values from 2001, no outlier, 1-x
19	Rural population density	People per sq km	WB (2002)	Min: Australia 6.052330493927, Max: Maldives 19922.07421875	All values from 1999, no outlier
20	Population growth	Annual %	WB (2002)	Min: Georgia -1.5063145421 Max: Rwanda 5.6941783904	Average calculation of the years 1996 - 2000, no outlier
21	Population fertility rate (per woman)	Annual %	UNDP HDR (2003)	Min: Hong Kong / China 1 Max: Niger, 8	Average annual estimate for the years 2000-2005, Normalised, no outlier
22	Rural population	% of total population	WB (2002)	Min: Hong Kong / Singapore: 0 Max: Rwanda 93.80000305176	2000 values, no outlier
23	Trade	% of GDP	WB (2002)	Min: Myanmar 0, Max: Singapore 1	Most values from 2000 and 1999 sporadic back to 1990, no outlier, 1-x
24	Urbanisation	% of total population	WB (2002)	Min: Rwanda 6.2 Max: Several mini states: 100	Proportion of the total population living in urban areas, all values 2000, no outlier, 1-x
25	Urban growth (95-00) -	% of growth rate	WB (2002)	Min: - 1.62 Estonia Max: 9.56 Liberia	Yearly change in urban population, average value for the years 1995-2000, no outlier

26	HDI - Life Expectancy	Predefined index scale (0-1)	UNDP HDR (2003)	Min: Japan 0.06 Max: 0.86 Zambia	Values from HDR 2003, value range 0 (very low life expectancy) through 1 (very high life expectancy), no outlier, 1-x
27	HDI - Education	Predefined index scale (0-1)	UNDP HDR (2003)	Min: Sweden 0.01 Max: Niger 0.83	Values from HDR 2003, value range 0 (very low level of education) through 1 (very high level of education), no outlier, 1-x
28	HDI - GDP	Predefined index scale (0-1)	UNDP HDR (2003)	Min: Lux 0 Max: Sierra Leone 0.74	Values from HDR 2003, value range 0 (very low GDP) through 1 (very high GDP), no outlier, 1-x
29	Gross foreign direct investment	% of GDP	WB (2002)	Min: various countries Max: Equat. Guinea 145.201736450195 Max cons: Ireland 49.4439888000488	Most values from 2000 and 1999 sporadic back to 1990, 2 outliers: Equatorial Guinea, Hong Kong, 1-x
30	Official development assistance and official aid	US \$ / capita	WB (2002)	Min: various countries ¹³ Max: Palau 2059.47368421053 Max considered: Sao Tome Principe 236.283783783784	All values from 2000, 7 outliers: (Mayotte, Netherlands Antilles, Micronesia, Fed. Sts., Marshall Islands, New Caledonia, French Polynesia, Palau)
31	Military expenditure	% of GNI	WB (2002)	Min: Iceland 0, Max: Eritrea 27.3999996185303	All values from 1999, no outlier
32	Gross private capital flows	% of GDP	WB (2002)	Min: Guinea-Bissau 1.2522132396698 Max: The Bahamas 800.63720703125 Max cons: Ireland 301.541320800781	Most values from 1999 and 2000, some values older back to 1990, one outlier: The Bahamas, 1-x
33	Fertilizer consumption	Grams per hectare of arable land	WB (2002)	Min: various countries 0, Max: Singapore 37640 Max cons: Dominica 10000	All values 1999, 4 outliers: (French Polynesia, St. Lucia Iceland Singapore), 1-x
34	Arms import	% of total imports	WB (2002)	Min: various countries 0, Max: Eritrea, 33.5	All values from 1999, no outliers
35	External balance on goods and services	% of GDP	WB (2002)	Min: Eritrea -70.4064178466797 Max: Congo Rep. 36.751277923584	Most values from 1999 and 2000, sporadic values older back to 1990 no outliers, 1-x
36	Missing Values for the years 1990 - 2001	Number of missing values	WB (2002)	Min: Bulgaria, France 8 Max: Mayotte, Faeroe Islands 110	no outliers
37	Armed Conflicts after 1980	Index scale	Uppsala University	Min: several countries 0 Max: 115 Angola	no outliers

¹³ All countries receiving any ODA or official aid are listed even if they are net donors and they hence have negative values for the year 2000.

7.3 Annex 3: MARGene

Scheme of calculation of sub-indicator values - example for the creation of the composite indicator value for the country Afghanistan:

a) Original data as taken from MARGene:

year_1	ccode	country	group	numcode	atrisk1	CULRES	POLRES	interc on	INTRACO N	REB
1996	700	AFGHANIST AN	HAZAR AS	70001	-99	2	7	1	0	7
1995	700	AFGHANIST AN	HAZAR AS	70001	-99	-99	-99	1	0	0
1997	700	AFGHANIST AN	HAZAR AS	70001	-99	2	7	1	0	7
1998	700	AFGHANIST AN	HAZAR AS	70001	1	2	7	1	0	7
1999	700	AFGHANIST AN	HAZAR AS	70001	-99	-99	7	1	0	6
2000	700	AFGHANIST AN	HAZAR AS	70001	-99	-99	7	1	0	6
1995	700	AFGHANIST AN	PASHT UNS	70002	-99	-99	-99	1	1	0
1996	700	AFGHANIST AN	PASHT UNS	70002	-99	0	0	1	1	0
1997	700	AFGHANIST AN	PASHT UNS	70002	-99	0	0	1	1	0
1998	700	AFGHANIST AN	PASHT UNS	70002	0	0	0	1	1	0
1999	700	AFGHANIST AN	PASHT UNS	70002	-99	0	0	1	1	0
2000	700	AFGHANIST AN	PASHT UNS	70002	-99	0	0	1	1	0
1996	700	AFGHANIST AN	TAJIKS	70003	-99	0	-99	1	0	7
1997	700	AFGHANIST AN	TAJIKS	70003	-99	1	-99	1	0	7
1998	700	AFGHANIST AN	TAJIKS	70003	1	1	-99	1	0	7
1999	700	AFGHANIST AN	TAJIKS	70003	-99	1	-99	1	0	7
2000	700	AFGHANIST AN	TAJIKS	70003	-99	1	-99	1	0	7
1995	700	AFGHANIST AN	UZBEK S	70004	-99	-99	-99	1	1	0
1996	700	AFGHANIST AN	UZBEK S	70004	-99	1	6	1	1	7
1997	700	AFGHANIST AN	UZBEK S	70004	-99	1	6	1	1	7
1998	700	AFGHANIST AN	UZBEK S	70004	1	1	6	1	1	7
2000	700	AFGHANIST AN	UZBEK S	70004	-99	1	6	1	1	7
1999	700	AFGHANIST AN	UZBEK S	70004	-99	1	6	1	1	7
1995	700	AFGHANIST AN	TAJIKS	70003	-99	-99	-99	1	0	0

b) Extraction of data according to the rules:

- Exclusion of all entries with 'atrisk' <> 1.
- Recoding the of variable CULRES, POLRES and REB according the scheme in Table 7
- Take into consideration only the max value for each ethnic group (does not apply for this example)
- Sum all values per entry

cocode	country	group	MaxOf CULRES	MaxOf POLRES	MaxOfintercon	MaxOfinteracon	MaxOf REB	Add_all
700	AFGHANISTAN	HAZARAS	1	4	1	0	4	10
700	AFGHANISTAN	TAJIKS	1	-99	1	0	4	6
700	AFGHANISTAN	UZBEKS	1	3	1	1	4	10

c) Creation of the final country value by adding up all entries and standardise:

cocode	country	ISO3	CountOfgroup	Mar_Min_final	Min_norm	
700	AFGHANISTAN	AFG	3	26	1	

7.4 Annex 4: Correlation matrix of the initial 37 sub-indicators

Val = 1

Val >=0,95

Val >=0,5

	1_AG_A	2_AG_E	3_AG_P	4_AIDGI	5_AIDS	6_AR_LA	7_CORR
1 AGGR_ADD	1,00000	0,75040	0,48740	0,62989	0,21178	0,08882	0,52983
2 AGGR_EMP	0,75040	1,00000	0,52718	0,61455	0,21676	0,12277	0,37580
3 AGGR_PRO	0,48740	0,52718	1,00000	0,38378	0,27940	0,10903	0,43580
4 AIDOFGIN	0,62989	0,61455	0,38378	1,00000	0,23777	-0,09694	0,26477
5 AIDS	0,21178	0,21676	0,27940	0,23777	1,00000	-0,29410	0,04789
6 ARABLELA	0,08882	0,12277	0,10903	-0,09694	-0,29410	1,00000	0,15342
7 CORR	0,52983	0,37580	0,43580	0,26477	0,04789	0,15342	1,00000
8 EXP%GDP	0,23926	0,12755	0,06330	0,12097	0,10821	-0,21212	0,18225
9 GDI	0,76621	0,73345	0,62962	0,60702	0,37205	-0,06244	0,48432
10 GDP	0,79033	0,66932	0,69320	0,59428	0,24280	-0,01587	0,60704
11 HDIO2	0,77570	0,74330	0,64059	0,61902	0,38559	-0,05475	0,48845
12 IMP%GDP	-0,02950	-0,07794	-0,13321	-0,34883	0,06981	-0,29806	0,15925
13 IMPWATAC	0,58624	0,55076	0,42883	0,45002	0,43765	-0,17835	0,43905
14 LIFEEXPE	0,63342	0,60469	0,55767	0,53822	0,57827	-0,14178	0,34116
15 LITRATEA	0,59431	0,62777	0,47125	0,49248	0,16197	0,01213	0,32772
16 MAL_5	0,57454	0,67117	0,53017	0,31876	0,22337	0,13428	0,45697
17 MAR	-0,04765	-0,03465	0,07487	-0,28435	-0,05512	0,10954	0,10286
18 GSM	0,59519	0,52923	0,55469	0,42289	0,19788	-0,11984	0,51812
19 POPDENRU	0,12898	0,29499	0,37692	-0,00905	-0,03480	0,09857	0,17782
20 POPGTHAN	0,47996	0,33488	0,31189	0,37650	0,26034	-0,34819	0,21911
21 POPFERT	0,65992	0,59172	0,39658	0,55752	0,34602	-0,29737	0,33982
22 RURPOP	0,60863	0,71562	0,66345	0,34649	0,26066	0,22827	0,41501
23 TRAD%GDP	0,10568	0,02128	-0,04270	-0,13473	0,09466	-0,27639	0,18290
24 URBANIS	0,61006	0,71375	0,66597	0,37051	0,24516	0,24053	0,41870
25 URBGTH	0,63362	0,56007	0,45512	0,51084	0,31640	-0,28193	0,38045
26 HDILIFE	0,64405	0,64185	0,55322	0,55398	0,58414	-0,14335	0,35835
27 HDIEDU	0,66670	0,68385	0,49333	0,51978	0,17433	0,02407	0,38291
28 HDIGDP	0,79056	0,66987	0,69289	0,59395	0,23906	-0,01456	0,60645
29 GRINV_X	0,17332	0,17987	0,12844	-0,11539	-0,02134	0,00457	0,18147
30 ODA	0,24964	0,24903	0,25057	0,65969	0,09614	-0,17149	0,01001
31 MILITEXP	-0,18358	-0,13749	-0,24102	-0,12793	-0,40035	-0,21765	-0,23023
32 GRPRK_X	0,17114	0,19048	0,19990	0,06118	0,11730	-0,09788	0,10889
33 FERT_X	0,28029	0,20007	0,19546	0,33959	0,18204	-0,02746	0,27657
34 ARMSIMP	-0,11199	-0,05557	-0,34542	-0,16012	-0,37995	-0,08384	-0,09590
35 EXTBA_X	0,34985	0,27478	0,27050	0,65072	0,04023	0,14990	0,00862
36 MISSVAL	0,47989	0,42565	0,24957	0,50139	0,19806	-0,23653	0,26249
37 ARMCONFL	0,09236	0,18209	0,11373	-0,07688	-0,09381	0,20035	0,12143

		8_EXG	9_GDI	10_GDP	11_HDI	12_IMGD	13_IMP	14_LIEX
1	AGGR_ADD	0,23926	0,76621	0,79033	0,77570	-0,02950	0,58624	0,63342
2	AGGR_EMP	0,12755	0,73345	0,66932	0,74330	-0,07794	0,55076	0,60469
3	AGGR_PRO	0,06330	0,62962	0,69320	0,64059	-0,13321	0,42883	0,55767
4	AIDOFGIN	0,12097	0,60702	0,59428	0,61902	-0,34883	0,45002	0,53822
5	AIDS	0,10821	0,37205	0,24280	0,38559	0,06981	0,43765	0,57827
6	ARABLELA	-0,21212	-0,06244	-0,01587	-0,05475	-0,29806	-0,17835	-0,14178
7	CORR	0,18225	0,48432	0,60704	0,48845	0,15925	0,43905	0,34116
8	EXP%GDP	1,00000	0,24931	0,24101	0,24875	0,73102	0,15456	0,19705
9	GDI	0,24931	1,00000	0,89389	0,99856	0,06622	0,59700	0,86827
10	GDP	0,24101	0,89389	1,00000	0,89626	0,01570	0,65329	0,70936
11	HDI02	0,24875	0,99856	0,89626	1,00000	0,05676	0,60855	0,87949
12	IMP%GDP	0,73102	0,06622	0,01570	0,05676	1,00000	0,02017	0,06637
13	IMPWATAC	0,15456	0,59700	0,65329	0,60855	0,02017	1,00000	0,57390
14	LIFEEXPE	0,19705	0,86827	0,70936	0,87949	0,06637	0,57390	1,00000
15	LITRATEA	0,27084	0,85964	0,66447	0,84767	0,09846	0,33016	0,61108
16	MAL_5	0,13389	0,73274	0,69010	0,72818	0,10385	0,40559	0,57214
17	MAR	0,21552	-0,03573	-0,03380	-0,03727	0,36506	-0,08620	-0,03229
18	GSM	0,17837	0,64548	0,66249	0,64284	0,12926	0,41425	0,51030
19	POPDENRU	0,01064	0,22074	0,28809	0,22293	-0,00788	0,14115	0,04214
20	POPGTHAN	0,27812	0,57243	0,51777	0,55711	0,07898	0,42502	0,40909
21	POPFERT	0,27229	0,84293	0,73966	0,83166	0,09625	0,56519	0,75668
22	RURPOP	-0,03243	0,65045	0,63804	0,65959	-0,19623	0,49331	0,57157
23	TRAD%GDP	0,92312	0,16476	0,13204	0,15914	0,93719	0,09038	0,13813
24	URBANIS	-0,02939	0,64970	0,63455	0,65939	-0,20839	0,48777	0,56540
25	URBGTH	0,27908	0,75339	0,70829	0,74778	0,09305	0,58921	0,62237
26	HDILIFE	0,20483	0,87930	0,71418	0,89016	0,06553	0,59161	0,98606
27	HDIEDU	0,22662	0,90140	0,73067	0,89200	0,06427	0,40355	0,63854
28	HDIGDP	0,23712	0,89272	0,99979	0,89496	0,01214	0,65270	0,70601
29	GRINV_X	0,27751	0,30592	0,21595	0,29800	0,33111	0,12697	0,26983
30	ODA	-0,08859	0,25310	0,24429	0,25792	-0,53467	0,17487	0,25992
31	MILITEXP	-0,02694	-0,02178	-0,11981	-0,04801	0,15926	-0,20793	-0,06473
32	GRPRK_X	0,36254	0,35439	0,23215	0,35019	0,33332	0,17141	0,32256
33	FERT_X	0,05332	0,36498	0,33557	0,36712	-0,05000	0,37954	0,45695
34	ARMSIMP	-0,01655	-0,05449	-0,19096	-0,07571	0,21366	-0,18890	-0,11247
35	EXTBA_X	0,24992	0,22696	0,28796	0,23966	-0,47800	0,17033	0,15947
36	MISSVAL	0,03548	0,65581	0,52381	0,64887	-0,06746	0,32156	0,59255
37	ARMCONFL	0,16542	0,05612	0,00710	0,04862	0,24970	-0,14028	0,04418

	15_LIRA	16_MAL5	17_MAR	18_GSM	19_PDER	20_PGRO	21_PFER
1 AGGR_ADD	0,59431	0,57454	-0,04765	0,59519	0,12898	0,47996	0,65992
2 AGGR_EMP	0,62777	0,67117	-0,03465	0,52923	0,29499	0,33488	0,59172
3 AGGR_PRO	0,47125	0,53017	0,07487	0,55469	0,37692	0,31189	0,39658
4 AIDOFGIN	0,49248	0,31876	-0,28435	0,42289	-0,00905	0,37650	0,55752
5 AIDS	0,16197	0,22337	-0,05512	0,19788	-0,03480	0,26034	0,34602
6 ARABLELA	0,01213	0,13428	0,10954	-0,11984	0,09857	-0,34819	-0,29737
7 CORR	0,32772	0,45697	0,10286	0,51812	0,17782	0,21911	0,33982
8 EXP%GDP	0,27084	0,13389	0,21552	0,17837	0,01064	0,27812	0,27229
9 GDI	0,85964	0,73274	-0,03573	0,64548	0,22074	0,57243	0,84293
10 GDP	0,66447	0,69010	-0,03380	0,66249	0,28809	0,51777	0,73966
11 HDI02	0,84767	0,72818	-0,03727	0,64284	0,22293	0,55711	0,83166
12 IMP%GDP	0,09846	0,10385	0,36506	0,12926	-0,00788	0,07898	0,09625
13 IMPWATAC	0,33016	0,40559	-0,08620	0,41425	0,14115	0,42502	0,56519
14 LIFEEXPE	0,61108	0,57214	-0,03229	0,51030	0,04214	0,40909	0,75668
15 LITRATEA	1,00000	0,65942	-0,02145	0,54090	0,24933	0,54992	0,72398
16 MAL_5	0,65942	1,00000	0,21497	0,59850	0,45858	0,45631	0,65545
17 MAR	-0,02145	0,21497	1,00000	0,05414	0,01462	-0,10394	-0,17101
18 GSM	0,54090	0,59850	0,05414	1,00000	0,30397	0,46290	0,52961
19 POPDENRU	0,24933	0,45858	0,01462	0,30397	1,00000	0,20727	0,11994
20 POPGTHAN	0,54992	0,45631	-0,10394	0,46290	0,20727	1,00000	0,74710
21 POPFERT	0,72398	0,65545	-0,17101	0,52961	0,11994	0,74710	1,00000
22 RURPOP	0,51201	0,72295	0,04183	0,54049	0,56864	0,28556	0,49270
23 TRAD%GDP	0,19393	0,12696	0,31589	0,16402	0,00099	0,18668	0,19343
24 URBANIS	0,52401	0,71993	0,04383	0,54335	0,57445	0,28618	0,49513
25 URBGTH	0,62795	0,63596	-0,02319	0,55160	0,23772	0,85649	0,82228
26 HDILIFE	0,61197	0,57358	-0,05440	0,51859	0,06611	0,42738	0,74798
27 HDIEDU	0,97787	0,69954	-0,01441	0,56100	0,25943	0,54861	0,73896
28 HDIGDP	0,66532	0,68862	-0,03645	0,66008	0,28926	0,51828	0,73874
29 GRINV_X	0,30644	0,30870	0,32220	0,25817	0,06797	0,24021	0,24205
30 ODA	0,18998	0,07771	-0,27931	0,19671	-0,01912	0,37690	0,31946
31 MILITEXP	0,06471	0,01688	0,15110	0,00391	-0,07025	0,13204	0,13556
32 GRPRK_X	0,38471	0,22554	0,26133	0,29648	0,06525	0,15926	0,26272
33 FERT_X	0,18970	0,13739	-0,05373	0,12034	-0,54123	0,07147	0,33019
34 ARMSIMP	0,06225	0,00939	0,09230	0,00884	-0,10798	0,08075	0,11029
35 EXTBA_X	0,20893	0,02498	-0,24060	0,04619	0,02488	0,24594	0,21392
36 MISSVAL	0,55541	0,42759	-0,22359	0,57300	0,12291	0,45563	0,65260
37 ARMCONFL	0,11533	0,33355	0,53425	0,23806	0,07411	0,03594	0,06788

		22_RURP	23_TRG	24_URB	25_URG	26_HDIL	27_HDIU	28_HDIG	29_GRIN
1	AGGR_ADD	0,60863	0,10568	0,61006	0,63362	0,64405	0,66670	0,79056	0,17332
2	AGGR_EMP	0,71562	0,02128	0,71375	0,56007	0,64185	0,68385	0,66987	0,17987
3	AGGR_PRO	0,66345	-0,04270	0,66597	0,45512	0,55322	0,49333	0,69289	0,12844
4	AIDOFGIN	0,34649	-0,13473	0,37051	0,51084	0,55398	0,51978	0,59395	-0,11539
5	AIDS	0,26066	0,09466	0,24516	0,31640	0,58414	0,17433	0,23906	-0,02134
6	ARABLELA	0,22827	-0,27639	0,24053	-0,28193	-0,14335	0,02407	-0,01456	0,00457
7	CORR	0,41501	0,18290	0,41870	0,38045	0,35835	0,38291	0,60645	0,18147
8	EXP%GDP	-0,03243	0,92312	-0,02939	0,27908	0,20483	0,22662	0,23712	0,27751
9	GDI	0,65045	0,16476	0,64970	0,75339	0,87930	0,90140	0,89272	0,30592
10	GDP	0,63804	0,13204	0,63455	0,70829	0,71418	0,73067	0,99979	0,21595
11	HDI02	0,65959	0,15914	0,65939	0,74778	0,89016	0,89200	0,89496	0,29800
12	IMP%GDP	-0,19623	0,93719	-0,20839	0,09305	0,06553	0,06427	0,01214	0,33111
13	IMPWATAC	0,49331	0,09038	0,48777	0,58921	0,59161	0,40355	0,65270	0,12697
14	LIFEEXPE	0,57157	0,13813	0,56540	0,62237	0,98606	0,63854	0,70601	0,26983
15	LITRATEA	0,51201	0,19393	0,52401	0,62795	0,61197	0,97787	0,66532	0,30644
16	MAL_5	0,72295	0,12696	0,71993	0,63596	0,57358	0,69954	0,68862	0,30870
17	MAR	0,04183	0,31589	0,04383	-0,02319	-0,05440	-0,01441	-0,03645	0,32220
18	GSM	0,54049	0,16402	0,54335	0,55160	0,51859	0,56100	0,66008	0,25817
19	POPDENRU	0,56864	0,00099	0,57445	0,23772	0,06611	0,25943	0,28926	0,06797
20	POPGTHAN	0,28556	0,18668	0,28618	0,85649	0,42738	0,54861	0,51828	0,24021
21	POPFERT	0,49270	0,19343	0,49513	0,82228	0,74798	0,73896	0,73874	0,24205
22	RURPOP	1,00000	-0,12715	0,99451	0,49410	0,57429	0,56244	0,63824	0,18871
23	TRAD%GDP	-0,12715	1,00000	-0,13245	0,19509	0,14164	0,15206	0,12805	0,32844
24	URBANIS	0,99451	-0,13245	1,00000	0,48416	0,56798	0,57144	0,63492	0,16822
25	URBGTH	0,49410	0,19509	0,48416	1,00000	0,63585	0,66317	0,70716	0,35065
26	HDILIFE	0,57429	0,14164	0,56798	0,63585	1,00000	0,64751	0,71106	0,26322
	HDIEDU	0,56244	0,15206	0,57144	0,66317	0,64751	1,00000	0,73082	0,30729
28	HDIGDP	0,63824	0,12805	0,63492	0,70716	0,71106	0,73082	1,00000	0,21154
29	GRINV_X	0,18871	0,32844	0,16822	0,35065	0,26322	0,30729	0,21154	1,00000
30	ODA	0,19083	-0,34658	0,19862	0,32242	0,27933	0,17145	0,24708	-0,16680
31	MILITEXP	-0,20975	0,07597	-0,21710	0,12263	-0,07422	0,05339	-0,12179	0,32995
32	GRPRK_X	0,15405	0,37315	0,15685	0,26341	0,30732	0,37546	0,23120	0,53496
33	FERT_X	-0,00084	-0,00092	-0,02009	0,18882	0,45284	0,19975	0,33618	0,05670
34	ARMSIMP	-0,20722	0,11194	-0,20673	0,08498	-0,10236	0,06736	-0,19424	0,24131
35	EXTBA_X	0,23670	-0,14160	0,25787	0,22720	0,17068	0,20051	0,28801	-0,11262
36	MISSVAL	0,38122	-0,01988	0,37781	0,54024	0,61323	0,58494	0,52135	0,09833
37	ARMCONFL	0,18598	0,22527	0,18883	0,06457	0,03521	0,08360	0,00745	0,28198

	30_ODA	31_MILE	32_GRPR	33_FER	34_ARMI	35_EXBA	36_MISV	37_ARMC
1 AGGR_ADD	0,24964	-0,18358	0,17114	0,28029	-0,11199	0,34985	0,47989	0,09236
2 AGGR_EMP	0,24903	-0,13749	0,19048	0,20007	-0,05557	0,27478	0,42565	0,18209
3 AGGR_PRO	0,25057	-0,24102	0,19990	0,19546	-0,34542	0,27050	0,24957	0,11373
4 AIDOFGIN	0,65969	-0,12793	0,06118	0,33959	-0,16012	0,65072	0,50139	-0,07688
5 AIDS	0,09614	-0,40035	0,11730	0,18204	-0,37995	0,04023	0,19806	-0,09381
6 ARABLELA	-0,17149	-0,21765	-0,09788	-0,02746	-0,08384	0,14990	-0,23653	0,20035
7 CORR	0,01001	-0,23023	0,10889	0,27657	-0,09590	0,00862	0,26249	0,12143
8 EXP%GDP	-0,08859	-0,02694	0,36254	0,05332	-0,01655	0,24992	0,03548	0,16542
9 GDI	0,25310	-0,02178	0,35439	0,36498	-0,05449	0,22696	0,65581	0,05612
10 GDP	0,24429	-0,11981	0,23215	0,33557	-0,19096	0,28796	0,52381	0,00710
11 HDI02	0,25792	-0,04801	0,35019	0,36712	-0,07571	0,23966	0,64887	0,04862
12 IMP%GDP	-0,53467	0,15926	0,33332	-0,05000	0,21366	-0,47800	-0,06746	0,24970
13 IMPWATAC	0,17487	-0,20793	0,17141	0,37954	-0,18890	0,17033	0,32156	-0,14028
14 LIFEEXPE	0,25992	-0,06473	0,32256	0,45695	-0,11247	0,15947	0,59255	0,04418
15 LITRATEA	0,18998	0,06471	0,38471	0,18970	0,06225	0,20893	0,55541	0,11533
16 MAL_5	0,07771	0,01688	0,22554	0,13739	0,00939	0,02498	0,42759	0,33355
17 MAR	-0,27931	0,15110	0,26133	-0,05373	0,09230	-0,24060	-0,22359	0,53425
18 GSM	0,19671	0,00391	0,29648	0,12034	0,00884	0,04619	0,57300	0,23806
19 POPDENRU	-0,01912	-0,07025	0,06525	-0,54123	-0,10798	0,02488	0,12291	0,07411
20 POPGTHAN	0,37690	0,13204	0,15926	0,07147	0,08075	0,24594	0,45563	0,03594
21 POPFERT	0,31946	0,13556	0,26272	0,33019	0,11029	0,21392	0,65260	0,06788
22 RURPOP	0,19083	-0,20975	0,15405	-0,00084	-0,20722	0,23670	0,38122	0,18598
23 TRAD%GDP	-0,34658	0,07597	0,37315	-0,00092	0,11194	-0,14160	-0,01988	0,22527
24 URBANIS	0,19862	-0,21710	0,15685	-0,02009	-0,20673	0,25787	0,37781	0,18883
25 URBGTH	0,32242	0,12263	0,26341	0,18882	0,08498	0,22720	0,54024	0,06457
26 HDILIFE	0,27933	-0,07422	0,30732	0,45284	-0,10236	0,17068	0,61323	0,03521
27 HDIEDU	0,17145	0,05339	0,37546	0,19975	0,06736	0,20051	0,58494	0,08360
28 HDIGDP	0,24708	-0,12179	0,23120	0,33618	-0,19424	0,28801	0,52135	0,00745
29 GRINV_X	-0,16680	0,32995	0,53496	0,05670	0,24131	-0,11262	0,09833	0,28198
30 ODA	1,00000	0,01321	-0,04584	0,24975	-0,16104	0,64467	0,33232	-0,06745
31 MILITEXP	0,01321	1,00000	0,16049	0,04107	0,78374	-0,26066	0,13101	0,19675
32 GRPRK_X	-0,04584	0,16049	1,00000	0,06413	0,13579	-0,00631	0,17170	0,07199
33 FERT_X	0,24975	0,04107	0,06413	1,00000	-0,01651	0,13958	0,30724	-0,00993
34 ARMSIMP	-0,16104	0,78374	0,13579	-0,01651	1,00000	-0,32449	0,12111	0,09603
35 EXTBA_X	0,64467	-0,26066	-0,00631	0,13958	-0,32449	1,00000	0,14139	-0,14139
36 MISSVAL	0,33232	0,13101	0,17170	0,30724	0,12111	0,14139	1,00000	-0,07416
37 ARMCONFL	-0,06745	0,19675	0,07199	-0,00993	0,09603	-0,14139	-0,07416	1,00000

7.5 Annex 5: CI Country Values

a) Countries' vulnerability estimation / results of CI - ranking by CI value

No.	RANK	CASE_NAME	SUM_MISS	SUM_VAL	RES7	3 AGG_PRO	5 AIDS	7 CORRUPTION	11 HDI_02	19 POP_RUR	23 TRAD_GDP	31 MIL_EXP	35 EXT_BAL	36 MISS_VAL	37 ARM_CONFL
1	1	Burundi	1	26	2,888889	3	3	-1	3	3	3	3	3	2	3
2	1	Rwanda	1	26	2,888889	3	3	-1	3	3	3	3	3	2	3
3	2	Ethiopia	0	27	2,700000	3	3	2	3	2	3	3	3	2	3
4	2	Sierra Leone	0	27	2,700000	3	3	3	3	3	3	2	3	2	2
5	2	Uganda	0	27	2,700000	3	3	3	3	2	3	2	3	2	3
6	3	Congo, Democratic	1	24	2,666667	3	3	-1	3	2	3	3	1	3	3
7	4	Eritrea	2	21	2,625000	-1	3	-1	3	3	1	3	3	3	2
8	5	Somalia	5	13	2,600000	-1	2	-1	-1	3	3	-1	-1	3	2
9	6	Chad	1	23	2,555556	3	3	-1	3	1	3	2	3	2	3
10	6	Haiti	1	23	2,555556	3	3	3	3	3	3	-1	3	2	0
11	7	Mozambique	0	25	2,500000	3	3	2	3	2	3	2	3	3	1
12	8	French Polynesia	5	12	2,400000	-1	-1	-1	-1	3	3	-1	3	3	0
13	8	New Caledonia	5	12	2,400000	-1	-1	-1	-1	3	3	-1	3	3	0
14	9	Guinea-Bissau	1	21	2,333333	3	3	-1	3	2	1	2	3	3	1
15	9	Yugoslavia	4	14	2,333333	-1	0	-1	-1	-1	2	3	3	3	3
16	10	Angola	0	23	2,300000	3	3	3	2	0	3	0	3	3	3
17	11	Djibouti	2	18	2,250000	3	2	-1	3	-1	1	3	3	3	0
18	12	Burkina Faso	1	20	2,222222	3	3	-1	3	1	3	1	3	1	2
19	12	Cambodia	1	20	2,222222	3	3	-1	2	2	1	3	2	2	2
20	12	Myanmar	1	20	2,222222	-1	0	3	2	2	3	3	1	3	3
21	12	Sudan	1	20	2,222222	-1	3	3	3	0	3	3	1	2	2
22	13	Congo, Republic o	0	22	2,200000	3	3	3	3	3	0	2	0	2	3
23	13	Tanzania	0	22	2,200000	3	3	2	3	3	3	1	2	2	0
24	13	Zimbabwe	0	22	2,200000	3	3	3	1	2	3	2	1	2	2
25	14	Guinea	1	19	2,111111	3	1	-1	3	3	2	1	2	2	2
26	14	Nepal	1	19	2,111111	3	2	-1	3	3	3	0	2	1	2
27	14	Vietnam	1	19	2,111111	3	2	3	2	3	1	-1	1	1	3
28	15	Bangladesh	0	21	2,100000	3	0	3	3	3	3	1	1	2	2
29	15	India	0	21	2,100000	3	2	2	2	2	3	2	1	1	3
30	15	Mali	0	21	2,100000	3	3	2	3	1	2	2	3	2	0
31	15	Senegal	0	21	2,100000	3	2	2	3	1	2	1	2	2	3
32	16	Afghanistan	7	6	2,000000	-1	-1	-1	-1	1	-1	-1	-1	3	2
33	16	Guam	7	6	2,000000	-1	-1	-1	-1	3	-1	-1	-1	3	0
34	16	Iraq	4	12	2,000000	-1	0	3	-1	0	-1	3	-1	3	3
35	16	Kenya	0	20	2,000000	3	3	3	3	2	2	1	2	1	0
36	16	Korea, North	6	8	2,000000	-1	-1	-1	-1	2	-1	3	-1	3	0
37	16	Lesotho	1	18	2,000000	3	3	-1	3	2	0	2	3	2	0
38	16	Libya	4	12	2,000000	-1	2	3	1	0	-1	-1	-1	3	3
39	16	Marshall Islands	6	8	2,000000	-1	-1	-1	-1	-1	2	-1	3	3	0
40	16	Netherlands Antil	7	6	2,000000	-1	-1	-1	-1	3	-1	-1	-1	3	0
41	16	Pakistan	0	20	2,000000	2	1	2	3	2	3	3	1	0	3
42	16	Palau	6	8	2,000000	-1	-1	-1	-1	-1	2	-1	3	3	0
43	16	Puerto Rico	7	6	2,000000	-1	-1	-1	-1	3	-1	-1	-1	3	0
44	16	Virgin Islands	7	6	2,000000	-1	-1	-1	-1	3	-1	-1	-1	3	0
45	16	Yemen	0	20	2,000000	3	1	2	3	3	1	3	0	2	2
46	17	Malawi	0	19	1,900000	3	3	2	3	2	2	0	2	2	0
47	18	Benin	1	17	1,888889	2	3	-1	3	1	3	1	2	2	0
48	18	Central African R	1	17	1,888889	3	3	-1	3	0	3	2	1	2	0
49	19	Bhutan	2	15	1,875000	3	0	-1	3	2	1	-1	3	3	0
50	20	Bosnia and Herzeg	0	18	1,800000	0	0	2	1	2	1	3	3	3	3
51	20	Egypt	0	18	1,800000	2	0	2	2	3	3	2	2	1	1
52	20	El Salvador	0	18	1,800000	2	2	1	2	3	2	0	3	1	2
53	20	Gambia, The	0	18	1,800000	3	2	2	3	2	1	1	2	2	0
54	20	Guatemala	0	18	1,800000	1	2	3	2	2	3	0	2	1	2
55	20	Liberia	5	9	1,800000	-1	0	-1	-1	3	-1	0	-1	3	3
56	20	Madagascar	0	18	1,800000	3	2	2	3	2	2	0	2	2	0
57	20	Namibia	0	18	1,800000	2	3	1	2	1	1	2	2	1	3

58	20	Sri Lanka	0	18	1,800000	2	1	1	2	3	1	3	2	0	3
59	20	West Bank	5	9	1,800000	-1	-1	2	-1	-1	1	-1	3	3	0
60	21	Laos	1	16	1,777778	2	1	-1	3	2	1	2	2	2	1
61	21	Mauritania	1	16	1,777778	3	0	-1	3	1	1	3	3	2	0
62	21	Niger	1	16	1,777778	3	1	-1	3	1	3	0	2	1	2
63	21	Swaziland	1	16	1,777778	2	3	-1	3	2	0	1	3	2	0
64	21	Togo	1	16	1,777778	3	3	-1	3	1	1	1	2	2	0
65	22	Bahamas, The	6	7	1,750000	-1	3	-1	-1	3	-1	-1	-1	1	0
66	22	Comoros	2	14	1,750000	3	0	-1	3	2	2	-1	2	2	0
67	22	Micronesia, Feder	6	7	1,750000	-1	-1	-1	-1	-1	1	-1	3	3	0
68	22	Sao Tome and Prin	2	14	1,750000	3	-1	-1	2	3	0	0	3	3	0
69	23	Armenia	0	17	1,700000	0	1	2	2	1	2	3	3	2	1
70	23	Cameroon	0	17	1,700000	2	3	3	3	1	2	1	0	2	0
71	23	Ecuador	0	17	1,700000	2	2	3	2	2	2	3	0	1	0
72	23	Iran	0	17	1,700000	1	1	2	2	1	3	2	0	2	3
73	23	Lebanon	0	17	1,700000	0	0	2	1	1	3	3	3	2	2
74	23	Morocco	0	17	1,700000	2	1	2	2	1	2	3	2	1	1
75	23	Peru	0	17	1,700000	2	2	1	1	1	3	2	1	1	3
76	23	Tajikistan	0	17	1,700000	2	0	3	2	3	0	1	1	2	3
77	23	Zambia	0	17	1,700000	3	3	2	3	0	2	0	3	1	0
78	24	Oman	2	13	1,625000	-1	1	0	1	3	1	3	-1	3	1
79	25	Azerbaijan	0	16	1,600000	2	0	3	2	1	2	3	1	0	2
80	25	Bolivia	0	16	1,600000	2	1	3	2	1	3	1	2	1	0
81	25	Botswana	0	16	1,600000	2	3	0	2	1	2	3	2	1	0
82	25	China	0	16	1,600000	3	1	1	2	3	3	2	0	0	1
83	25	Colombia	0	16	1,600000	1	2	1	1	2	3	2	1	0	3
84	25	Cote d'Ivoire	0	16	1,600000	2	3	3	3	2	1	0	0	2	0
85	25	Ghana	0	16	1,600000	2	3	2	2	2	0	0	3	2	0
86	25	Indonesia	0	16	1,600000	2	1	3	2	3	2	0	0	0	3
87	25	Tonga	5	8	1,600000	1	-1	-1	-1	2	2	-1	-1	3	0
88	25	Turkey	0	16	1,600000	2	0	2	2	0	3	3	2	0	2
89	25	Uzbekistan	0	16	1,600000	2	0	3	2	2	2	1	0	2	2
90	26	Grenada	3	11	1,571429	1	-1	-1	2	3	0	-1	3	2	0
91	26	Vanuatu	3	11	1,571429	2	-1	-1	2	2	1	-1	2	2	0
92	27	Suriname	1	14	1,555556	1	3	-1	1	2	3	1	1	2	0
93	28	Algeria	0	15	1,500000	1	1	2	2	1	2	3	0	1	2
94	28	Dominican Republi	0	15	1,500000	1	3	2	2	2	2	0	2	1	0
95	28	Honduras	0	15	1,500000	2	2	3	2	1	1	0	2	1	1
96	28	Jordan	0	15	1,500000	2	0	1	2	2	1	3	3	1	0
97	28	Macedonia, The Re	0	15	1,500000	1	2	3	1	1	1	2	3	1	0
98	28	Nigeria	0	15	1,500000	2	3	3	3	1	1	1	0	1	0
99	28	Papua New Guinea	0	15	1,500000	2	2	3	2	3	1	0	0	2	0
100	28	South Africa	0	15	1,500000	1	3	1	2	1	3	1	0	0	3
101	28	Western Samoa	4	9	1,500000	2	-1	-1	-1	1	1	-1	3	2	0
102	29	Equatorial Guinea	1	13	1,444444	2	3	-1	2	1	0	2	0	3	0
103	30	Albania	0	14	1,400000	1	0	2	2	2	2	1	3	1	0
104	30	Kyrgyzstan	0	14	1,400000	1	0	3	2	1	1	2	2	2	0
105	30	Russia	0	14	1,400000	1	2	2	1	0	2	3	0	0	3
106	30	Solomon Islands	5	7	1,400000	-1	-1	-1	2	3	0	-1	-1	2	0
107	30	Syria	0	14	1,400000	1	0	1	2	1	2	3	0	1	3
108	31	Cape Verde	2	11	1,375000	1	-1	-1	2	2	1	0	3	2	0
109	31	Seychelles	2	11	1,375000	2	1	-1	0	3	0	-1	2	3	0
110	32	Cuba	1	12	1,333333	-1	1	1	1	0	3	1	1	3	1
111	32	Gabon	1	12	1,333333	1	2	-1	2	0	2	2	1	2	0
112	32	Kuwait	1	12	1,333333	-1	0	1	1	3	1	3	0	2	1
113	32	Qatar	1	12	1,333333	-1	0	0	1	1	2	3	1	3	1
114	33	Greece	0	13	1,300000	0	1	1	0	1	3	3	2	0	2
115	33	Jamaica	0	13	1,300000	2	2	1	1	3	1	0	2	1	0
116	33	Philippines	0	13	1,300000	2	0	2	1	3	1	1	0	0	3
117	34	Antigua and Barbu	3	9	1,285714	1	-1	-1	1	2	0	-1	2	3	0
118	34	Saint Kitts and N	3	9	1,285714	1	-1	-1	1	2	0	-1	3	2	0
119	34	Saint Lucia	3	9	1,285714	1	-1	-1	1	3	0	-1	2	2	0
120	34	Saint Vincent and	3	9	1,285714	1	-1	-1	1	3	0	-1	2	2	0
121	35	Kiribati	6	5	1,250000	2	-1	-1	-1	-1	0	-1	-1	3	0
122	35	United Arab Emira	2	10	1,250000	-1	0	1	1	2	0	3	-1	2	1
123	36	Guyana	1	11	1,222222	1	3	-1	2	0	0	0	3	2	0
124	36	Mongolia	1	11	1,222222	2	0	-1	2	0	0	2	3	2	0
125	36	United States	1	11	1,222222	-1	2	0	0	0	3	2	1	0	3
126	37	Belize	0	12	1,200000	0	3	1	1	1	1	1	3	1	0
127	37	Georgia	0	12	1,200000	1	0	3	1	1	1	0	2	2	1
128	37	Italy	0	12	1,200000	0	2	1	0	1	3	2	1	0	2

b) Countries' vulnerability estimation / results of CI - ranking by country name:

RANK	CASE_NAME	SUM_MISS	SUM_VAL	RES7	3 AGG_PRO	5 AIDS	7 CORRUPTION	11 HDI_02	19 POP_RUR	23 TRAD_GDP	31 MIL_EXP	35 EXT_BAL	36 MISS_VAL	37 ARM_CONFL
16	Afghanistan	7	6	2,000000	-1	-1	-1	-1	1	-1	-1	-1	3	2
30	Albania	0	14	1,400000	1	0	2	2	2	2	1	3	1	0
28	Algeria	0	15	1,500000	1	1	2	2	1	2	3	0	1	2
-9999	American Samoa	8	3	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	3	0
-9999	Andorra	8	3	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	3	0
10	Angola	0	23	2,300000	3	3	3	3	2	0	3	0	3	3
-9999	Anguilla	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Antarctica	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
34	Antigua and Barbu	3	9	1,285714	1	-1	-1	1	2	0	-1	2	3	0
41	Argentina	0	11	1,100000	0	2	2	0	0	3	1	1	0	2
23	Armenia	0	17	1,700000	0	1	2	2	1	2	3	3	2	1
-9999	Aruba	8	3	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	3	0
-9999	Ashmore and Carti	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
49	Australia	0	7	0,700000	0	1	0	0	0	3	1	1	0	1
54	Austria	0	4	0,400000	0	1	0	0	1	1	0	1	0	0
25	Azerbaijan	0	16	1,600000	2	0	3	2	1	2	3	1	0	2
22	Bahamas, The	6	7	1,750000	-1	3	-1	-1	3	-1	-1	-1	1	0
42	Bahrain	1	9	1,000000	-1	0	0	0	3	0	3	0	2	1
-9999	Baker Island	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
15	Bangladesh	0	21	2,100000	3	0	3	3	3	3	1	1	2	2
44	Barbados	1	8	0,888889	0	2	-1	0	3	1	0	1	1	0
-9999	Bassas da India	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
46	Belarus	0	8	0,800000	1	2	1	1	0	0	1	1	1	0
54	Belgium	0	4	0,400000	0	1	0	0	0	0	1	0	0	2
37	Belize	0	12	1,200000	0	3	1	1	1	1	1	3	1	0
18	Benin	1	17	1,888889	2	3	-1	3	1	3	1	2	2	0
-9999	Bermuda	8	3	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	3	0
19	Bhutan	2	15	1,875000	3	0	-1	3	2	1	-1	3	3	0
25	Bolivia	0	16	1,600000	2	1	3	2	1	3	1	2	1	0
20	Bosnia and Herzeg	0	18	1,800000	0	0	2	1	2	1	3	3	3	3
25	Botswana	0	16	1,600000	2	3	0	2	1	2	3	2	1	0
-9999	Bouvet Island	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
42	Brazil	0	10	1,000000	1	2	1	1	0	3	1	1	0	0
-9999	British Indian Oc	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	British Virgin Is	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
39	Brunei	3	8	1,142857	0	0	-1	0	3	-1	3	-1	2	0
51	Bulgaria	0	6	0,600000	0	0	1	1	0	0	2	2	0	0
12	Burkina Faso	1	20	2,222222	3	3	-1	3	1	3	1	3	1	2
1	Burundi	1	26	2,888889	3	3	-1	3	3	3	3	3	2	3
12	Cambodia	1	20	2,222222	3	3	-1	2	2	1	3	2	2	2
23	Cameroon	0	17	1,700000	2	3	3	3	1	2	1	0	2	0
49	Canada	0	7	0,700000	0	2	0	0	0	1	1	0	0	3
31	Cape Verde	2	11	1,375000	1	-1	-1	2	2	1	0	3	2	0
-9999	Cayman Islands	8	3	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	3	0
18	Central African R	1	17	1,888889	3	3	-1	3	0	3	2	1	2	0
6	Chad	1	23	2,555556	3	3	-1	3	1	3	2	3	2	3
49	Chile	0	7	0,700000	0	2	0	0	0	2	2	1	0	0
25	China	0	16	1,600000	3	1	1	2	3	3	2	0	0	1
-9999	Christmas Island	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Clipperton Island	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Cocos (Keeling) I	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
25	Colombia	0	16	1,600000	1	2	1	1	2	3	2	1	0	3
22	Comoros	2	14	1,750000	3	0	-1	3	2	2	-1	2	2	0
3	Congo, Democratic	1	24	2,666667	3	3	-1	3	2	3	3	1	3	3
13	Congo, Republic o	0	22	2,200000	3	3	3	3	3	0	2	0	2	3
-9999	Cook Islands	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Coral Sea Islands	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
43	Costa Rica	0	9	0,900000	0	2	1	0	3	1	0	1	1	0
25	Cote d'Ivoire	0	16	1,600000	2	3	3	3	2	1	0	0	2	0
41	Croatia	0	11	1,100000	0	0	1	1	1	1	2	2	1	2
32	Cuba	1	12	1,333333	-1	1	1	1	0	3	1	1	3	1
47	Cyprus	1	7	0,777778	-1	0	0	0	2	1	2	1	1	0

51	Czech Republic	0	6	0,600000	0	0	1	0	0	0	2	1	0	2
51	Denmark	0	6	0,600000	0	1	0	0	0	2	1	0	0	2
11	Djibouti	2	18	2,250000	3	2	-1	3	-1	1	3	3	3	0
38	Dominica	4	7	1,166667	1	-1	-1	1	-1	0	-1	2	3	0
28	Dominican Republi	0	15	1,500000	1	3	2	2	2	2	0	2	1	0
-9999	East Timor	9	1	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	1
23	Ecuador	0	17	1,700000	2	2	3	2	2	2	3	0	1	0
20	Egypt	0	18	1,800000	2	0	2	2	3	3	2	2	1	1
20	El Salvador	0	18	1,800000	2	2	1	2	3	2	0	3	1	2
29	Equatorial Guinea	1	13	1,444444	2	3	-1	2	1	0	2	0	3	0
4	Eritrea	2	21	2,625000	-1	3	-1	3	3	1	3	3	3	2
52	Estonia	0	5	0,500000	1	2	0	0	0	0	1	1	0	0
2	Ethiopia	0	27	2,700000	3	3	2	3	2	3	3	3	2	3
-9999	Europa Island	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Falkland Islands	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Faroe Islands	8	3	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	3	0
47	Fiji	1	7	0,777778	1	1	-1	1	1	0	2	0	1	0
56	Finland	0	3	0,300000	0	0	0	0	0	2	1	0	0	0
41	France	0	11	1,100000	0	2	0	0	0	3	2	1	0	3
-9999	French Guiana	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
8	French Polynesia	5	12	2,400000	-1	-1	-1	-1	3	3	-1	3	3	0
-9999	French Southern a	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
32	Gabon	1	12	1,333333	1	2	-1	2	0	2	2	1	2	0
20	Gambia, The	0	18	1,800000	3	2	2	3	2	1	1	2	2	0
-9999	Gaza Strip	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
37	Georgia	0	12	1,200000	1	0	3	1	1	1	0	2	2	1
51	Germany	0	6	0,600000	0	1	0	0	0	2	1	1	0	1
25	Ghana	0	16	1,600000	2	3	2	2	2	0	0	3	2	0
-9999	Gibraltar	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Glorioso Islands	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
33	Greece	0	13	1,300000	0	1	1	0	1	3	3	2	0	2
-9999	Greenland	8	3	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	3	0
26	Grenada	3	11	1,571429	1	-1	-1	2	3	0	-1	3	2	0
-9999	Guadeloupe	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
16	Guam	7	6	2,000000	-1	-1	-1	-1	3	-1	-1	-1	3	0
20	Guatemala	0	18	1,800000	1	2	3	2	2	3	0	2	1	2
-9999	Guernsey	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
14	Guinea	1	19	2,111111	3	1	-1	3	3	2	1	2	2	2
9	Guinea-Bissau	1	21	2,333333	3	3	-1	3	2	1	2	3	3	1
36	Guyana	1	11	1,222222	1	3	-1	2	0	0	0	3	2	0
6	Haiti	1	23	2,555556	3	3	3	3	3	3	-1	3	2	0
-9999	Heard Island and	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Holy See (Vatican)	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
28	Honduras	0	15	1,500000	2	2	3	2	1	1	0	2	1	1
58	Hong Kong	3	0	0,000000	-1	-1	0	0	0	0	-1	0	0	0
-9999	Howland Island	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
52	Hungary	0	5	0,500000	0	1	1	0	0	0	1	1	0	1
49	Iceland	0	7	0,700000	0	1	0	0	2	2	0	1	0	1
15	India	0	21	2,100000	3	2	2	2	2	3	2	1	1	3
25	Indonesia	0	16	1,600000	2	1	3	2	3	2	0	0	0	3
23	Iran	0	17	1,700000	1	1	2	2	1	3	2	0	2	3
16	Iraq	4	12	2,000000	-1	0	3	-1	0	-1	3	-1	3	3
57	Ireland	1	2	0,222222	-1	1	0	0	1	0	0	0	0	0
40	Israel	1	10	1,111111	-1	1	0	0	1	1	3	2	0	2
37	Italy	0	12	1,200000	0	2	1	0	1	3	2	1	0	2
33	Jamaica	0	13	1,300000	2	2	1	1	3	1	0	2	1	0
-9999	Jan Mayen	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
49	Japan	0	7	0,700000	0	0	0	0	3	3	0	1	0	0
-9999	Jarvis Island	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Jersey	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Johnston Atoll	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
28	Jordan	0	15	1,500000	2	0	1	2	2	1	3	3	1	0
-9999	Juan de Nova Isla	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
42	Kazakhstan	0	10	1,000000	2	1	3	1	0	1	0	0	2	0
16	Kenya	0	20	2,000000	3	3	3	3	2	2	1	2	1	0
-9999	Kingman Reef	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
35	Kiribati	6	5	1,250000	2	-1	-1	-1	0	-1	0	-1	3	0
16	Korea, North	6	8	2,000000	-1	-1	-1	-1	2	-1	3	-1	3	0
51	Korea, South	0	6	0,600000	0	0	1	0	2	1	2	0	0	0
32	Kuwait	1	12	1,333333	-1	0	1	1	3	1	3	0	2	1
30	Kyrgyzstan	0	14	1,400000	1	0	3	2	1	1	2	2	2	0

34	Saint Vincent and	3	9	1,285714	1	-1	-1	1	3	0	-1	2	2	0
-9999	San Marino	8	3	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	3	0
22	Sao Tome and Prin	2	14	1,750000	3	-1	-1	2	3	0	0	3	3	0
42	Saudi Arabia	0	10	1,000000	0	0	1	1	0	2	3	0	2	1
15	Senegal	0	21	2,100000	3	2	2	3	1	2	1	2	2	3
31	Seychelles	2	11	1,375000	2	1	-1	0	3	0	-1	2	3	0
2	Sierra Leone	0	27	2,700000	3	3	3	3	3	3	2	3	2	2
53	Singapore	1	4	0,444444	0	1	0	0	-1	0	3	0	0	0
52	Slovakia	0	5	0,500000	1	0	1	0	1	0	1	1	1	0
52	Slovenia	0	5	0,500000	0	0	0	0	3	0	1	1	0	0
30	Solomon Islands	5	7	1,400000	-1	-1	-1	2	3	0	-1	-1	2	0
5	Somalia	5	13	2,600000	-1	2	-1	-1	3	3	-1	-1	3	2
28	South Africa	0	15	1,500000	1	3	1	2	1	3	1	0	0	3
-9999	South Georgia and	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
46	Spain	0	8	0,800000	0	2	0	0	0	2	1	1	0	2
-9999	Spratly Islands	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
20	Sri Lanka	0	18	1,800000	2	1	1	2	3	1	3	2	0	3
12	Sudan	1	20	2,222222	-1	3	3	3	0	3	3	1	2	2
27	Suriname	1	14	1,555556	1	3	-1	1	2	3	1	1	2	0
-9999	Svalbard	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
21	Swaziland	1	16	1,777778	2	3	-1	3	2	0	1	3	2	0
54	Sweden	0	4	0,400000	0	1	0	0	0	1	2	0	0	0
50	Switzerland	1	6	0,666667	-1	2	0	0	2	2	0	0	0	0
30	Syria	0	14	1,400000	1	0	1	2	1	2	3	0	1	3
-9999	Taiwan	8	0	-1,000000	-1	-1	0	-1	-1	-1	-1	-1	-1	0
23	Tajikistan	0	17	1,700000	2	0	3	2	3	0	1	1	2	3
13	Tanzania	0	22	2,200000	3	3	2	3	3	3	1	2	2	0
37	Thailand	0	12	1,200000	2	3	2	1	2	0	1	0	0	1
21	Togo	1	16	1,777778	3	3	-1	3	1	1	1	2	2	0
-9999	Tokelau	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
25	Tonga	5	8	1,600000	1	-1	-1	-1	2	2	-1	-1	3	0
42	Trinidad and Toba	0	10	1,000000	1	3	1	1	2	0	1	0	1	0
-9999	Tromelin Island	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
46	Tunisia	0	8	0,800000	1	0	1	2	0	1	1	1	1	0
25	Turkey	0	16	1,600000	2	0	2	2	0	3	3	2	0	2
42	Turkmenistan	1	9	1,000000	2	0	-1	1	1	0	2	0	3	0
-9999	Turks and Caicos	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Tuvalu	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
2	Uganda	0	27	2,700000	3	3	3	3	2	3	2	3	2	3
41	Ukraine	0	11	1,100000	2	2	3	1	0	0	2	0	1	0
35	United Arab Emira	2	10	1,250000	-1	0	1	1	2	0	3	-1	2	1
43	United Kingdom	0	9	0,900000	0	1	0	0	0	2	2	1	0	3
36	United States	1	11	1,222222	-1	2	0	0	0	3	2	1	0	3
46	Uruguay	0	8	0,800000	0	2	0	0	0	3	1	1	1	0
25	Uzbekistan	0	16	1,600000	2	0	3	2	2	2	1	0	2	2
26	Vanuatu	3	11	1,571429	2	-1	-1	2	2	1	-1	2	2	0
42	Venezuela	0	10	1,000000	0	2	3	1	0	3	1	0	0	0
14	Vietnam	1	19	2,111111	3	2	3	2	3	1	-1	1	1	3
16	Virgin Islands	7	6	2,000000	-1	-1	-1	-1	3	-1	-1	-1	3	0
-9999	Wake Island	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
-9999	Wallis and Futuna	9	0	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
20	West Bank	5	9	1,800000	-1	-1	2	-1	-1	1	-1	3	3	0
-9999	Western Sahara	9	1	-1,000000	-1	-1	-1	-1	-1	-1	-1	-1	-1	1
28	Western Samoa	4	9	1,500000	2	-1	-1	-1	1	1	-1	3	2	0
16	Yemen	0	20	2,000000	3	1	2	3	3	1	3	0	2	2
9	Yugoslavia	4	14	2,333333	-1	0	-1	-1	-1	2	3	3	3	3
23	Zambia	0	17	1,700000	3	3	2	3	0	2	0	3	1	0
13	Zimbabwe	0	22	2,200000	3	3	3	1	2	3	2	1	2	