

# Consumption: the other side of population for development\*

Francisco J. Mata<sup>1</sup>, Lawrence J. Onisto<sup>2,\*\*</sup>, John R. Vallentyne<sup>3,†</sup>

<sup>1</sup>Earth Council, Apartado 2323-1002, San José, Costa Rica

<sup>2</sup>Environment and Sustainable Development Division, Ontario Hydro, 700 University Avenue, Toronto, Ontario M5G 1X6, Canada

<sup>3</sup>Canada Centre for Inland Waters, PO Box 5050, Burlington, Ontario L7R 4A6, Canada

\*Originally prepared for and presented at the International Conference on Population and Development (ICPD) Cairo, Egypt, 5–13 September 1994

\*\*Corresponding author. Email: onisto@bell.net

†Deceased

*Ethics in Science and Environmental Politics 12: 15–20 (2012)*

**Supplement.** Table S1. D-indexes, populations and consumption-adjusted populations (CAP), in thousands by country in 1990 (in alphabetical order). Data are taken from the Human Development Report 1993 (<http://hdr.undp.org/en/reports/global/hdr1993/>) and the World Resources Data Base 1992–93 (now known as the World Resources Institute [WIR] Earthtrends Data Base; [http://earthtrends.wri.org/searchable\\_db/index.php?theme=6&variable\\_ID=351&action=select\\_countries](http://earthtrends.wri.org/searchable_db/index.php?theme=6&variable_ID=351&action=select_countries)). The D-indexes for 1990 use population data for 1990 and energy data for 1989 due to the availability of published data at the time of preparation of the present study

Country	D-index	Population	CAP	Country	D-index	Population	CAP
Afghanistan	2.73	16557	61758	Czechoslovakia <sup>a</sup>	53.29	15667	850561
Albania	13.74	3245	47831	Denmark	40.73	5143	214617
Algeria	7.91	24960	222394	Djibouti	3.16	409	1701
Angola	2.25	10020	32565	Dominican Rep.	4.59	7170	40080
Argentina	18.16	32322	619290	Ecuador	8.36	10587	99094
Australia	63.42	16873	1086959	Egypt, Arab Rep.	6.62	52426	399486
Austria	42.59	7583	330543	El Salvador	4.74	5252	30146
Bahrain	128.5	516	66822	Ethiopia	2.41	49240	167908
Bangladesh	1.25	115593	260084	Fiji	9.36	764	7915
Barbados	15.09	255	4103	Finland	65.73	4975	331982
Belgium	55.84	9845	559590	France	44.13	56138	2533508
Benin	3.38	4630	20279	Gabon	17.56	1172	21752
Bhutan	5.72	1516	10188	Gambia	3.81	861	4141
Bolivia	4.14	7314	37594	Germany, Dem. Rep. <sup>a</sup>	64.5	16249	1064310
Botswana	6.04	1304	9180	Germany, Fed. Rep. <sup>a</sup>	49.75	61324	3112193
Brazil	14	150368	2255520	Ghana	4.54	15028	83255
Bulgaria	42.97	9010	396170	Greece	26.78	10047	279106
Burkina Faso	2.79	8996	34095	Guadeloupe	16.54	343	6016
Burundi	2.28	5472	17948	Guatemala	4.88	9197	54078
Cambodia	2.01	8246	24820	Guinea	2.78	5755	21754
Cameroon	4.98	11833	70761	Guinea-Bissau	1.83	964	2728
Canada	118.11	26521	3158916	Guyana	4.81	796	4625
Cape Verde	0.84	370	681	Haiti	2.91	6513	25466
Central African Rep.	3.62	3039	14040	Honduras	4.99	5138	30777
Chad	1.84	5678	16126	Hong Kong	15.91	5851	98940
Chile	12.92	13173	183368	Hungary	35.62	10552	386414
China	7.19	1139060	9328901	Iceland	83.23	253	21310
Colombia	10.38	32978	375290	India	3.58	853094	3907171
Comoros	0.39	550	765	Indonesia	4.42	184283	998814
Congo	5.66	2271	15125	Iran, Islamic Rep.	13.04	54607	766682
Costa Rica	9.68	3015	32200	Iraq	8.77	18920	184848
Cote d'Ivoire	4.09	11997	61065	Ireland	30.37	3720	116696
Cuba	17.34	10608	194551	Israel	24.72	4600	118312
Cyprus	20.91	701	15359	Italy	34.06	57061	2000559

Country	D-index	Population	CAP	Country	D-index	Population	CAP
Jamaica	7.7	2456	21367	Qatar	198.49	368	73412
Japan	37.75	123460	4784075	Reunion	10.9	598	7116
Jordan	8.29	4009	37244	Romania	39.02	23272	931345
Kenya	5.25	24031	150194	Rwanda	2.49	7237	25257
Korea, DPR	26.52	21773	599193	Saudi Arabia	52.26	14134	752777
Korea, Rep.	20.91	42793	937595	Senegal	3.26	7327	31213
Kuwait	68.17	2039	141038	Sierra Leone	2.57	4151	14819
Laos, PDR	3.01	4139	16597	Singapore	40.89	2723	114066
Lebanon	12.73	2701	37085	Somalia	3.12	7497	30888
Liberia	6.79	2575	20059	Spain	24.36	39187	993782
Libya	33.29	4545	155848	Sri Lanka	2.53	17217	60776
Madagascar	2.1	12004	37212	Sudan	2.91	25203	98544
Malawi	4.83	8754	51036	Suriname	15.09	422	6790
Malaysia	13.4	17891	257630	Swaziland	9.3	788	8116
Mali	1.84	9214	26168	Sweden	78.55	8444	671720
Malta	16.8	353	6283	Switzerland	45.93	6609	310160
Mauritania	5.92	2024	14006	Syrian Arab Rep.	8.66	12530	121040
Mauritius	7.88	1082	9608	Tanzania	3.6	27318	125663
Mexico	15.25	88598	1439718	Thailand	8.33	55702	519700
Mongolia	17.26	2190	39989	Togo	1.28	3531	8051
Morocco	3.27	25061	107010	Trinidad & Tobago	47.03	1281	61526
Mozambique	3.03	15656	63094	Tunisia	6.9	8180	64622
Myanmar	1.84	41675	118357	Turkey	9.04	55868	560915
Nepal	3.39	19143	84038	Uganda	2.22	18794	60517
Netherlands	55.74	14951	848320	UK	44.36	57237	2596270
New Zealand	55.46	3392	191512	United Arab Emirates	163.38	1589	261200
Nicaragua	5.3	3871	24387	Uruguay	10.8	3094	36509
Niger	2.06	7731	23657	USA	91.26	249224	22993406
Nigeria	4.24	108542	568760	USSR <sup>a</sup>	57.31	288595	16827974
Norway	109.24	4212	464331	Venezuela	27.09	19735	554356
Oman	28.19	1502	43843	Vietnam	1.99	66693	199412
Pakistan	3.14	122626	507672	Yemen, PDR <sup>a</sup>	8.52	2491	23714
Panama	9.01	2418	24204	Yemen, Arab Rep. <sup>a</sup>	1.34	9196	21519
Papua New Guinea	6.71	3874	29869	Yugoslavia <sup>a</sup>	24.06	23807	596603
Paraguay	6.26	4277	31051	Zaire <sup>a</sup>	3.43	35568	157566
Peru	6.42	21550	159901	Zambia	6.92	8452	66940
Philippines	4.52	62413	344520	Zimbabwe	8.77	9709	94857
Poland	37.65	38423	1485049				
Portugal	16.34	10285	178342				

<sup>a</sup>Country names reflect the prevailing political boundaries at the time the data were collected