

Selected Energy Indicators for 2004

Region/ Country	Popu- lation (million)	GDP (billion 2000\$)	GDP (PPP) (billion 2000\$)	Energy Prod. (Mtoe)	Net Imports (Mtoe)	TPES (Mtoe)	Elec. Cons. ^[a] (TWh)	CO ₂ Emissions ^[b] (Mt of CO ₂)
World	6352	35025	52289	11213	-	11223 ^[c]	15985	26583 ^[d]
OECD	1164	27698	29493	3860	1742	5508	9548	12911
Middle East	182	740	1282	1437	-942	480	524	1183
Former USSR	286	491	1989	1508	-521	979	1184	2313
Non-OECD Europe	54	145	413	63	44	104	166	265
China	1303	1904	7219	1537	115	1626	2094	4769
Asia	2048	1822	6777	1127	191	1290	1264	2499
Latin America	443	1541	3119	655	-161	485	729	907
Africa	872	685	1997	1027	-435	586	477	814
Albania	3.11	4.60	14.24	0.98	1.39	2.37	3.73	4.85
Algeria	32.36	64.15	196.37	165.73	-132.30	32.89	26.29	77.84
Angola	15.49	12.38	31.04	57.36	-47.07	9.49	1.92	7.81
Argentina	38.37	287.13	468.96	85.45	-21.31	63.71	88.28	135.98
Armenia	3.03	2.88	11.41	0.75	1.38	2.13	4.32	3.47
Australia	20.21	455.60	598.31	261.77	-143.76	115.78	224.89	354.36
Austria	8.18	205.00	243.22	9.88	23.58	33.19	64.17	75.14
Azerbaijan	8.31	7.85	31.70	20.05	-7.07	12.95	20.25	29.30
Bahrain	0.72	9.92	13.66	15.84	-8.70	7.49	7.77	16.95
Bangladesh	139.22	55.97	239.30	18.39	4.38	22.79	19.43	33.55
Belarus	9.82	16.65	62.93	3.62	23.37	26.78	30.88	60.64
Belgium	10.42	246.30	290.14	13.53	52.03	57.69	89.37	116.05
Benin	8.18	2.68	8.20	1.62	0.87	2.48	0.55	2.41
Bolivia	9.01	9.31	22.52	11.82	-7.37	4.98	3.92	10.45
Bosnia and Herzegovina	3.91	5.50	25.27	3.25	1.35	4.70	8.52	16.28
Botswana	1.77	6.49	16.17	1.01	0.86	1.87	2.34	4.32
Brazil	183.91	655.38	1385.12	176.31	31.33	204.85	359.56	323.32

(a) Gross production + imports - exports - transmission/distribution losses.

(b) CO₂ emissions from fuel combustion only. Emissions are calculated using IEA's energy balances and the Revised 1996 IPCC Guidelines.

TPES/ Pop (toe/capita)	TPES/ GDP (toe/000 2000\$)	TPES/ GDP (PPP) (toe/000 2000\$ PPP)	Elec. Cons./Pop (kWh/ capita)	CO ₂ / TPES (t CO ₂ / toe)	CO ₂ / Pop (t CO ₂ / capita)	CO ₂ / GDP (kg CO ₂ / 2000\$)	CO ₂ / GDP (PPP) (kg CO ₂ / 2000\$ PPP)	Region/ Country
1.77	0.32	0.21	2516	2.37	4.18	0.76	0.51	World
4.73	0.20	0.19	8204	2.34	11.09	0.47	0.44	OECD
2.64	0.65	0.37	2881	2.47	6.51	1.60	0.92	Middle East
3.43	2.00	0.49	4142	2.36	8.09	4.71	1.16	Former USSR
1.92	0.72	0.25	3057	2.54	4.88	1.83	0.64	Non-OECD Europe
1.25	0.85	0.23	1607	2.93	3.66	2.50	0.66	China
0.63	0.71	0.19	617	1.94	1.22	1.37	0.37	Asia
1.10	0.32	0.16	1645	1.87	2.05	0.59	0.29	Latin America
0.67	0.86	0.29	547	1.39	0.93	1.19	0.41	Africa
0.76	0.51	0.17	1200	2.05	1.56	1.05	0.34	Albania
1.02	0.51	0.17	812	2.37	2.41	1.21	0.40	Algeria
0.61	0.77	0.31	124	0.82	0.50	0.63	0.25	Angola
1.66	0.22	0.14	2301	2.13	3.54	0.47	0.29	Argentina
0.70	0.74	0.19	1428	1.63	1.15	1.21	0.30	Armenia
5.73	0.25	0.19	11126	3.06	17.53	0.78	0.59	Australia
4.06	0.16	0.14	7850	2.26	9.19	0.37	0.31	Austria
1.56	1.65	0.41	2438	2.26	3.53	3.73	0.92	Azerbaijan
10.47	0.76	0.55	10855	2.26	23.68	1.71	1.24	Bahrain
0.16	0.41	0.10	140	1.47	0.24	0.60	0.14	Bangladesh
2.73	1.61	0.43	3144	2.26	6.17	3.64	0.96	Belarus
5.54	0.23	0.20	8579	2.01	11.14	0.47	0.40	Belgium
0.30	0.92	0.30	67	0.97	0.29	0.90	0.29	Benin
0.55	0.53	0.22	435	2.10	1.16	1.12	0.46	Bolivia
1.20	0.86	0.19	2180	3.46	4.17	2.96	0.64	Bosnia and Herzegovina
1.05	0.29	0.12	1325	2.32	2.44	0.67	0.27	Botswana
1.11	0.31	0.15	1955	1.58	1.76	0.49	0.23	Brazil

(c) TPES for World includes international marine bunkers.

(d) CO₂ emissions for the World include emissions from international aviation and international marine bunkers.

Region/ Country	Popu- lation (million)	GDP (billion 2000\$)	GDP (PPP) (billion 2000\$)	Energy Prod. (Mtoe)	Net Imports (Mtoe)	TPES (Mtoe)	Elec. Cons. ^(a) (TWh)	CO ₂ Emissions ^(b) (Mt of CO ₂)
Brunei Darussalam	0.37	4.77	4.16	20.77	-18.02	2.70	2.79	5.19
Bulgaria	7.76	15.19	57.62	10.27	9.20	18.94	30.65	45.40
Cameroon	16.04	10.62	32.04	12.48	-5.51	6.95	3.32	2.89
Canada	31.95	786.70	946.90	397.49	-134.00	269.05	548.79	550.86
Chile	16.12	88.06	161.13	8.39	21.13	27.93	49.72	58.58
People's Rep. of China	1296.16	1715.00	7023.71	1536.78	90.37	1609.35	2054.57	4732.26
Chinese Taipei	22.69	323.73	484.21	12.76	96.05	104.24	210.20	255.42
Colombia	44.92	93.93	299.54	76.23	-48.31	27.68	38.90	57.36
Congo	3.88	3.65	3.49	12.59	-11.52	1.06	0.51	0.91
Dem. Rep. of Congo	55.85	4.90	36.17	17.00	-0.44	16.56	5.19	2.24
Costa Rica	4.25	18.41	37.06	1.74	1.93	3.70	7.09	5.46
Cote d'Ivoire	17.87	10.26	25.48	7.22	-0.20	6.93	3.15	5.71
Croatia	4.44	21.92	49.77	3.87	5.06	8.82	14.73	20.56
Cuba	11.25	29.31	80.73	5.85	5.41	10.69	13.23	24.30
Cyprus	0.83	10.27	17.31	0.19	2.44	2.62	4.47	6.94
Czech Republic	10.21	62.70	168.34	34.24	11.71	45.53	63.53	118.81
Denmark	5.40	166.40	159.81	31.01	-10.02	20.07	35.82	50.92
Dominican Republic	8.77	21.71	60.03	1.61	6.08	7.66	9.39	17.62
Ecuador	13.04	19.03	47.50	29.30	-19.22	10.08	8.96	21.92
Egypt	72.64	117.29	281.13	64.66	-6.13	56.88	88.29	140.51
El Salvador	6.76	14.12	31.33	2.44	2.07	4.49	4.26	5.76
Eritrea	4.23	0.73	3.80	0.48	0.24	0.75	0.24	0.71
Estonia	1.35	7.19	18.05	3.55	1.68	5.17	7.40	16.58
Ethiopia	69.96	7.88	48.60	19.37	1.40	21.18	2.29	5.07
Finland	5.23	132.10	146.51	15.89	21.21	38.09	87.73	68.90
France	62.18	1414.80	1678.33	137.42	140.41	275.17	478.10	386.92
Gabon	1.36	5.26	8.29	12.11	-10.42	1.69	1.26	1.68
Georgia	4.52	3.99	11.81	1.29	1.54	2.83	7.13	3.06
Germany	82.50	1952.70	2160.03	136.01	215.76	348.04	579.98	848.60
Ghana	21.66	6.03	44.59	6.23	2.12	8.35	5.35	6.07

TPES/ Pop (toe/capita)	TPES/ GDP (toe/000 2000\$)	TPES/ GDP (PPP) (toe/000 2000\$ PPP)	Elec. Cons./Pop (kWh/ capita)	CO ₂ / TPES (t CO ₂ / toe)	CO ₂ / Pop (t CO ₂ / capita)	CO ₂ / GDP (kg CO ₂ / 2000\$)	CO ₂ / GDP (PPP) (kg CO ₂ / 2000\$ PPP)	Region/ Country
7.36	0.57	0.65	7609	1.93	14.18	1.09	1.25	Brunei Darussalam
2.44	1.25	0.33	3949	2.40	5.85	2.99	0.79	Bulgaria
0.43	0.65	0.22	207	0.42	0.18	0.27	0.09	Cameroon
8.42	0.34	0.28	17179	2.05	17.24	0.70	0.58	Canada
1.73	0.32	0.17	3084	2.10	3.63	0.67	0.36	Chile
1.24	0.94	0.23	1585	2.94	3.65	2.76	0.67	People's Rep. of China
4.59	0.32	0.22	9264	2.45	11.26	0.79	0.53	Chinese Taipei
0.62	0.29	0.09	866	2.07	1.28	0.61	0.19	Colombia
0.27	0.29	0.30	131	0.85	0.23	0.25	0.26	Congo
0.30	3.38	0.46	93	0.14	0.04	0.46	0.06	Dem. Rep. of Congo
0.87	0.20	0.10	1667	1.48	1.28	0.30	0.15	Costa Rica
0.39	0.68	0.27	176	0.82	0.32	0.56	0.22	Cote d'Ivoire
1.99	0.40	0.18	3317	2.33	4.63	0.94	0.41	Croatia
0.95	0.36	0.13	1177	2.27	2.16	0.83	0.30	Cuba
3.17	0.25	0.15	5415	2.65	8.40	0.68	0.40	Cyprus
4.46	0.73	0.27	6224	2.61	11.64	1.89	0.71	Czech Republic
3.72	0.12	0.13	6629	2.54	9.42	0.31	0.32	Denmark
0.87	0.35	0.13	1071	2.30	2.01	0.81	0.29	Dominican Republic
0.77	0.53	0.21	687	2.17	1.68	1.15	0.46	Ecuador
0.78	0.48	0.20	1215	2.47	1.93	1.20	0.50	Egypt
0.66	0.32	0.14	629	1.28	0.85	0.41	0.18	El Salvador
0.18	1.02	0.20	56	0.95	0.17	0.97	0.19	Eritrea
3.84	0.72	0.29	5484	3.20	12.29	2.31	0.92	Estonia
0.30	2.69	0.44	33	0.24	0.07	0.64	0.10	Ethiopia
7.29	0.29	0.26	16784	1.81	13.18	0.52	0.47	Finland
4.43	0.19	0.16	7689	1.41	6.22	0.27	0.23	France
1.24	0.32	0.20	928	0.99	1.23	0.32	0.20	Gabon
0.63	0.71	0.24	1577	1.08	0.68	0.77	0.26	Georgia
4.22	0.18	0.16	7030	2.44	10.29	0.43	0.39	Germany
0.39	1.38	0.19	247	0.73	0.28	1.01	0.14	Ghana

(b) CO₂ emissions from fuel combustion only. Emissions are calculated using IEA's energy balances and the Revised 1996 IPCC Guidelines.

Region/ Country	Popu- lation (million)	GDP (billion 2000\$)	GDP (PPP) (billion 2000\$)	Energy Prod. (Mtoe)	Net Imports (Mtoe)	TPES (Mtoe)	Elec. Cons. ^(a) (TWh)	CO ₂ Emissions ^(b) (Mt of CO ₂)
Gibraltar	0.03	0.61	0.58	0.00	1.27	0.15	0.14	0.44
Greece	11.06	135.00	211.30	10.29	24.41	30.47	56.95	93.89
Guatemala	12.30	21.17	48.74	5.33	2.39	7.57	6.32	10.33
Haiti	8.41	3.47	13.69	1.65	0.55	2.21	0.26	1.59
Honduras	7.05	6.80	18.63	1.75	2.37	3.86	4.13	6.40
Hong Kong (China)	6.88	188.90	194.97	0.05	24.90	17.12	39.23	36.30
Hungary	10.11	55.10	144.78	10.24	16.01	26.36	37.20	56.84
Iceland	0.29	9.60	9.01	2.52	1.08	3.50	8.24	2.26
India	1079.72	581.22	3115.31	466.87	105.80	572.85	493.78	1102.81
Indonesia	217.59	197.18	721.62	258.01	-83.62	174.04	104.05	336.32
Islamic Rep. of Iran	67.01	126.32	463.40	277.99	-131.56	145.84	137.05	369.38
Iraq	25.38	21.28	27.13	103.42	-73.20	29.75	31.59	81.22
Ireland	4.06	118.20	134.49	1.90	13.89	15.21	25.10	41.40
Israel	6.80	120.92	152.32	1.71	19.05	20.74	46.28	62.21
Italy	58.13	1114.20	1495.76	30.14	157.93	184.46	328.11	462.32
Jamaica	2.65	8.50	10.12	0.49	3.58	4.07	6.49	10.37
Japan	127.69	4932.50	3431.64	96.76	440.75	533.20	1031.26	1214.99
Jordan	5.44	10.55	23.44	0.29	6.37	6.52	8.57	16.70
Kazakhstan	14.99	27.26	102.53	118.60	-63.76	54.82	54.37	162.15
Kenya	33.47	14.28	35.05	13.68	3.28	16.92	4.68	9.00
Korea	48.08	613.10	920.65	38.03	184.02	213.05	355.37	462.10
DPR of Korea	22.38	10.53	30.78	19.21	1.27	20.37	18.50	70.20
Kuwait	2.46	43.47	43.82	132.77	-107.10	25.12	36.78	64.85
Kyrgyzstan	5.09	1.65	9.06	1.48	1.29	2.78	7.24	5.61
Latvia	2.31	10.32	24.77	2.14	3.06	4.60	5.90	7.23
Lebanon	3.54	19.85	18.99	0.23	5.18	5.40	8.85	15.29
Libya	5.74	40.78	33.71	85.38	-67.10	18.19	14.46	43.51
Lithuania	3.44	15.13	41.39	5.21	4.22	9.16	10.81	12.68
Luxembourg	0.45	21.90	24.09	0.07	4.66	4.75	7.46	11.27
FYR of Macedonia	2.03	3.65	12.34	1.54	1.16	2.70	6.46	8.18

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5.29	0.24	0.26	4857	2.97	15.67	0.72	0.76	Gibraltar
2.76	0.23	0.14	5150	3.08	8.49	0.70	0.44	Greece
0.62	0.36	0.16	514	1.37	0.84	0.49	0.21	Guatemala
0.26	0.64	0.16	30	0.72	0.19	0.46	0.12	Haiti
0.55	0.57	0.21	586	1.66	0.91	0.94	0.34	Honduras
2.49	0.09	0.09	5699	2.12	5.27	0.19	0.19	Hong Kong (China)
2.61	0.48	0.18	3680	2.16	5.62	1.03	0.39	Hungary
11.94	0.36	0.39	28126	0.65	7.72	0.24	0.25	Iceland
0.53	0.99	0.18	457	1.93	1.02	1.90	0.35	India
0.80	0.88	0.24	478	1.93	1.55	1.71	0.47	Indonesia
2.18	1.15	0.31	2045	2.53	5.51	2.92	0.80	Islamic Rep. of Iran
1.17	1.40	1.10	1245	2.73	3.20	3.82	2.99	Iraq
3.75	0.13	0.11	6184	2.72	10.20	0.35	0.31	Ireland
3.05	0.17	0.14	6808	3.00	9.15	0.51	0.41	Israel
3.17	0.17	0.12	5644	2.51	7.95	0.41	0.31	Italy
1.54	0.48	0.40	2452	2.55	3.92	1.22	1.02	Jamaica
4.18	0.11	0.16	8076	2.28	9.52	0.25	0.35	Japan
1.20	0.62	0.28	1575	2.56	3.07	1.58	0.71	Jordan
3.66	2.01	0.53	3626	2.96	10.81	5.95	1.58	Kazakhstan
0.51	1.19	0.48	140	0.53	0.27	0.63	0.26	Kenya
4.43	0.35	0.23	7391	2.17	9.61	0.75	0.50	Korea
0.91	1.94	0.66	827	3.45	3.14	6.67	2.28	DPR of Korea
10.21	0.58	0.57	14952	2.58	26.36	1.49	1.48	Kuwait
0.55	1.68	0.31	1421	2.02	1.10	3.39	0.62	Kyrgyzstan
1.99	0.45	0.19	2549	1.57	3.13	0.70	0.29	Latvia
1.52	0.27	0.28	2499	2.83	4.32	0.77	0.81	Lebanon
3.17	0.45	0.54	2520	2.39	7.58	1.07	1.29	Libya
2.67	0.61	0.22	3145	1.38	3.69	0.84	0.31	Lithuania
10.51	0.22	0.20	16509	2.37	24.94	0.51	0.47	Luxembourg
1.33	0.74	0.22	3184	3.03	4.03	2.24	0.66	FYR of Macedonia

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Malaysia	24.89	106.79	235.11	88.52	-31.45	56.73	78.80	136.22
Malta	0.40	3.79	6.96	0.00	0.93	0.91	1.93	2.52
Mexico	104.00	619.40	956.80	253.86	-86.15	165.48	187.62	373.68
Republic of Moldova	4.22	1.69	6.70	0.08	3.29	3.38	5.18	7.59
Morocco	29.82	40.22	118.12	0.66	10.60	11.45	17.73	35.54
Mozambique	19.42	5.34	22.08	8.24	0.36	8.57	7.13	1.82
Myanmar	50.00	12.21	267.01	18.99	-4.94	14.14	5.18	9.32
Nepal	26.59	6.15	36.41	8.07	0.99	9.06	1.83	2.97
Netherlands	16.27	398.50	467.45	67.90	29.66	82.15	112.66	185.75
Namibia	2.01	4.09	13.70	0.32	1.02	1.34	2.79	2.66
Nigeria	128.71	51.69	136.53	229.44	-129.69	98.99	13.42	47.59
Netherlands Antilles	0.22	2.75	2.94	0.00	3.40	1.72	0.94	3.66
New Zealand	4.08	61.70	93.88	12.98	5.27	17.64	36.30	32.84
Nicaragua	5.38	4.39	17.96	1.93	1.33	3.30	2.13	4.11
Norway	4.59	180.20	175.91	238.63	-210.84	27.66	113.17	36.31
Oman	2.53	22.71	35.54	58.09	-47.24	11.83	9.72	25.26
Pakistan	152.06	86.07	311.01	58.99	15.44	74.37	64.63	116.05
Panama	3.18	13.24	21.24	0.75	1.19	2.54	4.66	5.46
Paraguay	6.02	8.26	26.62	6.63	-2.62	4.02	4.72	3.73
Peru	27.56	60.81	143.84	9.47	3.81	13.20	21.90	28.88
Philippines	81.62	88.55	346.11	23.39	20.74	44.27	48.73	72.26
Poland	38.18	186.60	445.24	78.81	13.54	91.74	130.51	296.08
Portugal	10.52	108.50	180.95	3.90	22.79	26.55	47.53	60.33
Qatar	0.78	22.47	25.74	75.95	-57.38	18.06	12.32	38.57
Romania	21.69	46.90	169.00	28.11	11.42	38.56	49.24	91.49
Russia	143.85	328.81	1309.12	1158.46	-511.01	641.53	811.65	1528.78
Saudi Arabia	23.95	214.94	304.31	556.21	-413.64	140.41	148.03	324.88
Senegal	11.39	5.25	17.92	1.11	1.64	2.75	2.01	4.11
Serbia and Montenegro	8.15	10.49	21.90	11.62	5.74	17.35	32.57	52.97
Singapore	4.24	102.46	109.42	0.00	47.10	25.59	34.64	38.05

TPES/ Pop (toe/capita)	TPES/ GDP (toe/000 2000\$)	TPES/ GDP (PPP) (toe/000 2000\$ PPP)	Elec. Cons./Pop (kWh/ capita)	CO ₂ / TPES (t CO ₂ / toe)	CO ₂ / Pop (t CO ₂ / capita)	CO ₂ / GDP (kg CO ₂ / 2000\$)	CO ₂ / GDP (PPP) (kg CO ₂ / 2000\$ PPP)	Region/ Country
2.28	0.53	0.24	3166	2.40	5.47	1.28	0.58	Malaysia
2.26	0.24	0.13	4800	2.77	6.28	0.66	0.36	Malta
1.59	0.27	0.17	1804	2.26	3.59	0.60	0.39	Mexico
0.80	2.01	0.50	1228	2.24	1.80	4.50	1.13	Republic of Moldova
0.38	0.28	0.10	595	3.10	1.19	0.88	0.30	Morocco
0.44	1.61	0.39	367	0.21	0.09	0.34	0.08	Mozambique
0.28	1.16	0.05	104	0.66	0.19	0.76	0.03	Myanmar
0.34	1.47	0.25	69	0.33	0.11	0.48	0.08	Nepal
5.05	0.21	0.18	6923	2.26	11.41	0.47	0.40	Netherlands
0.67	0.33	0.10	1389	1.99	1.33	0.65	0.19	Namibia
0.77	1.91	0.73	104	0.48	0.37	0.92	0.35	Nigeria
7.88	0.62	0.58	4321	2.13	16.79	1.33	1.24	Netherlands Antilles
4.32	0.29	0.19	8887	1.86	8.04	0.53	0.35	New Zealand
0.61	0.75	0.18	397	1.25	0.76	0.94	0.23	Nicaragua
6.02	0.15	0.16	24650	1.31	7.91	0.20	0.21	Norway
4.67	0.52	0.33	3836	2.14	9.97	1.11	0.71	Oman
0.49	0.86	0.24	425	1.56	0.76	1.35	0.37	Pakistan
0.80	0.19	0.12	1466	2.15	1.72	0.41	0.26	Panama
0.67	0.49	0.15	785	0.93	0.62	0.45	0.14	Paraguay
0.48	0.22	0.09	794	2.19	1.05	0.47	0.20	Peru
0.54	0.50	0.13	597	1.63	0.89	0.82	0.21	Philippines
2.40	0.49	0.21	3418	3.23	7.75	1.59	0.66	Poland
2.52	0.24	0.15	4516	2.27	5.73	0.56	0.33	Portugal
23.24	0.80	0.70	15852	2.14	49.64	1.72	1.50	Qatar
1.78	0.82	0.23	2271	2.37	4.22	1.95	0.54	Romania
4.46	1.95	0.49	5642	2.38	10.63	4.65	1.17	Russia
5.86	0.65	0.46	6181	2.31	13.56	1.51	1.07	Saudi Arabia
0.24	0.52	0.15	176	1.49	0.36	0.78	0.23	Senegal
2.13	1.65	0.79	3998	3.05	6.50	5.05	2.42	Serbia and Montenegro
6.03	0.25	0.23	8171	1.49	8.97	0.37	0.35	Singapore

(b) CO₂ emissions from fuel combustion only. Emissions are calculated using IEA's energy balances and the Revised 1996 IPCC Guidelines.

Region/ Country	Popu- lation (million)	GDP (billion 2000\$)	GDP (PPP) (billion 2000\$)	Energy Prod. (Mtoe)	Net Imports (Mtoe)	TPES (Mtoe)	Elec. Cons. ^(a) (TWh)	CO ₂ Emissions ^(b) (Mt of CO ₂)
Slovak Republic	5.38	24.30	69.52	6.46	12.30	18.34	27.39	37.66
Slovenia	2.00	21.69	38.43	3.44	3.77	7.17	13.65	15.60
South Africa	45.51	150.74	468.12	156.00	-24.02	131.14	226.46	343.36
Spain	42.69	655.60	957.97	32.53	115.96	142.20	252.91	329.77
Sri Lanka	19.42	18.67	78.34	5.16	4.41	9.44	6.70	12.53
Sudan	35.52	15.41	63.62	29.33	-11.56	17.64	3.28	9.71
Sweden	8.99	263.20	262.16	35.09	20.31	53.94	138.69	52.16
Switzerland	7.48	253.80	225.76	11.82	15.35	27.13	60.62	44.55
Syria	18.58	20.73	61.65	29.52	-11.09	18.44	24.48	47.78
Tajikistan	6.43	1.44	7.10	1.52	1.82	3.33	14.40	5.44
United Rep. of Tanzania	37.63	11.78	23.32	17.53	1.24	18.75	2.01	3.82
Thailand	63.69	150.06	473.56	50.10	47.46	97.07	118.76	206.91
Togo	5.99	1.46	8.45	1.91	0.78	2.69	0.52	1.94
Trinidad and Tobago	1.30	10.48	14.57	29.36	-16.92	11.29	6.06	22.15
Tunisia	9.93	23.21	70.91	6.80	1.99	8.70	11.50	19.72
Turkey	71.79	229.30	528.65	24.11	58.20	81.90	126.77	209.45
Turkmenistan	4.77	4.96	28.95	58.15	-42.59	15.56	8.30	39.33
Ukraine	47.45	44.04	278.85	76.29	64.30	140.33	149.52	304.85
United Arab Emirates	4.32	95.79	95.51	163.98	-109.44	43.81	48.95	103.09
United Kingdom	59.84	1591.10	1661.29	225.21	11.65	233.69	371.31	537.05
United States	293.95	10703.90	10703.90	1641.04	714.51	2325.89	3920.61	5799.97
Uruguay	3.44	20.38	29.78	0.85	2.45	2.86	6.42	5.36
Uzbekistan	26.21	16.74	45.03	56.87	-2.85	53.99	46.44	126.21
Venezuela	26.13	120.07	145.10	196.06	-139.53	56.16	72.12	128.33
Vietnam	82.16	41.25	207.26	65.27	-14.34	50.22	41.20	78.80
Yemen	20.33	10.87	16.42	20.61	-13.18	6.37	3.36	17.26
Former Yugoslavia	20.53	63.24	147.71	23.71	17.09	40.74	75.94	113.60
Zambia	11.48	3.86	9.95	6.36	0.64	6.94	7.94	2.05
Zimbabwe	12.94	5.91	24.55	8.60	0.71	9.30	10.29	9.66

(a) Gross production + imports – exports – transmission/distribution losses.

(b) CO₂ emissions from fuel combustion only. Emissions are calculated using IEA's energy balances and the Revised 1996 IPCC Guidelines.

TPES/ Pop (toe/capita)	TPES/ GDP (toe/000 2000\$)	TPES/ GDP (PPP) (toe/000 2000\$ PPP)	Elec. Cons./Pop (kWh/ capita)	CO ₂ / TPES (t CO ₂ / toe)	CO ₂ / Pop (t CO ₂ / capita)	CO ₂ / GDP (kg CO ₂ / 2000\$)	CO ₂ / GDP (PPP) (kg CO ₂ / 2000\$ PPP)	Region/ Country
3.41	0.75	0.26	5089	2.05	7.00	1.55	0.54	Slovak Republic
3.59	0.33	0.19	6835	2.18	7.81	0.72	0.41	Slovenia
2.88	0.87	0.28	4976	2.62	7.54	2.28	0.73	South Africa
3.33	0.22	0.15	5924	2.32	7.72	0.50	0.34	Spain
0.49	0.51	0.12	345	1.33	0.65	0.67	0.16	Sri Lanka
0.50	1.14	0.28	92	0.55	0.27	0.63	0.15	Sudan
6.00	0.20	0.21	15420	0.97	5.80	0.20	0.20	Sweden
3.63	0.11	0.12	8102	1.64	5.95	0.18	0.20	Switzerland
0.99	0.89	0.30	1317	2.59	2.57	2.31	0.78	Syria
0.52	2.32	0.47	2240	1.63	0.85	3.79	0.77	Tajikistan
0.50	1.59	0.80	53	0.20	0.10	0.32	0.16	United Rep. of Tanzania
1.52	0.65	0.20	1865	2.13	3.25	1.38	0.44	Thailand
0.45	1.84	0.32	87	0.72	0.32	1.33	0.23	Togo
8.68	1.08	0.77	4659	1.96	17.03	2.11	1.52	Trinidad and Tobago
0.88	0.37	0.12	1157	2.27	1.99	0.85	0.28	Tunisia
1.14	0.36	0.15	1766	2.56	2.92	0.91	0.40	Turkey
3.26	3.14	0.54	1740	2.53	8.25	7.94	1.36	Turkmenistan
2.96	3.19	0.50	3151	2.17	6.42	6.92	1.09	Ukraine
10.14	0.46	0.46	11331	2.35	23.86	1.08	1.08	United Arab Emirates
3.91	0.15	0.14	6206	2.30	8.98	0.34	0.32	United Kingdom
7.91	0.22	0.22	13338	2.49	19.73	0.54	0.54	United States
0.83	0.14	0.10	1867	1.87	1.56	0.26	0.18	Uruguay
2.06	3.23	1.20	1772	2.34	4.82	7.54	2.80	Uzbekistan
2.15	0.47	0.39	2760	2.29	4.91	1.07	0.88	Venezuela
0.61	1.22	0.24	501	1.57	0.96	1.91	0.38	Vietnam
0.31	0.59	0.39	165	2.71	0.85	1.59	1.05	Yemen
1.98	0.64	0.28	3700	2.79	5.53	1.80	0.77	Former Yugoslavia
0.60	1.80	0.70	692	0.30	0.18	0.53	0.21	Zambia
0.72	1.57	0.38	795	1.04	0.75	1.63	0.39	Zimbabwe

Sources: Energy data: IEA

Population: OECD/World Bank

GDP and GDP(PPP) (in 2000 US\$): OECD/World Bank/CEPII (Paris)