

Table 2
Climate Change: Key Energy and Environmental Data¹
Top Eleven Energy-Related CO₂ Emitters Outside OECD
(1989)

	TPES ¹ Mtoe	% of Total Non-OECD ² TPES	% of Total World TPES ³	Per Capita TPES ⁴	TPES/ GDP ratio ⁵	Per Capita TFC ⁶	TFC/GDP ratio ⁶	Energy related CO ₂ emissions per capita ⁸	Energy related CO ₂ emissions per unit GDP ⁷	% of energy related non-OECD emissions ⁹ of CO ₂	% of energy related World CO ₂ emissions ⁹
Brazil	87.3	2.40	1.18	0.59	0.36	0.58	0.36	0.39	0.24	1.88	0.99
China	644.6	17.69	8.71	0.57	N.A.	0.58	N.A.	0.59	N.A.	20.33	10.67
Czech & Slovak Federal Republic	72.15	1.98	0.97	4.61	N.A.	3.10	N.A.	4.09	N.A.	2.08	1.09
India	167.3	4.59	2.26	0.21	0.70	0.14	0.45	0.20	0.66	5.14	2.70
Republic of Korea	73.9	2.03	1.00	1.74	0.61	1.43	0.50	1.36	0.47	1.86	0.98
Mexico	103.5	2.84	1.40	1.22	0.61	1.00	0.50	0.93	0.46	2.56	1.34
Poland	113.0	3.10	1.53	2.99	N.A.	2.09	N.A.	3.14	N.A.	3.85	2.02
Romania	63.4	1.74	0.86	2.74	N.A.	1.92	N.A.	2.36	N.A.	1.77	0.93
Saudi Arabia	62.7	1.72	0.85	4.35	0.62	3.02	0.43	3.31	0.47	1.55	0.81
South Africa	95.0	2.61	1.28	2.75	1.71	1.25	0.78	2.86	1.78	3.20	1.68
USSR	1 266.2	34.75	17.10	4.40	N.A.	3.34	N.A.	3.45	N.A.	32.13	16.86

1. From the TPES and TFC data non-energy use and use as petrochemical feedstocks have been deducted. For a detailed description of the methodology used to calculate CO₂ emissions see attached Annex 1.
2. Non-OECD total TPES = 3 643.83 Mtoe (being 50.8% of world total).
3. World TPES = 7 403 Mtoe.
4. Tons of oil equivalent per person.
5. Tons of oil equivalent per thousand \$ at 1985 prices.
6. Tons of carbon per person.
7. Tons of carbon per thousand \$ at 1985 prices.
8. OECD Total CO₂ emissions = 2 792.84 Mt.
9. World CO₂ emissions = 5 877.27 Mt Carbon.