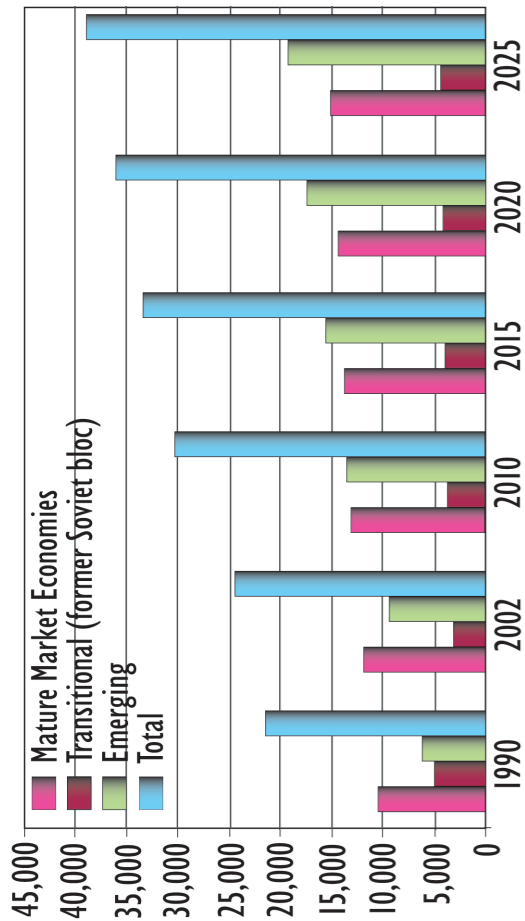


WORLD CO₂ EMISSIONS



Source: US Energy Information Administration

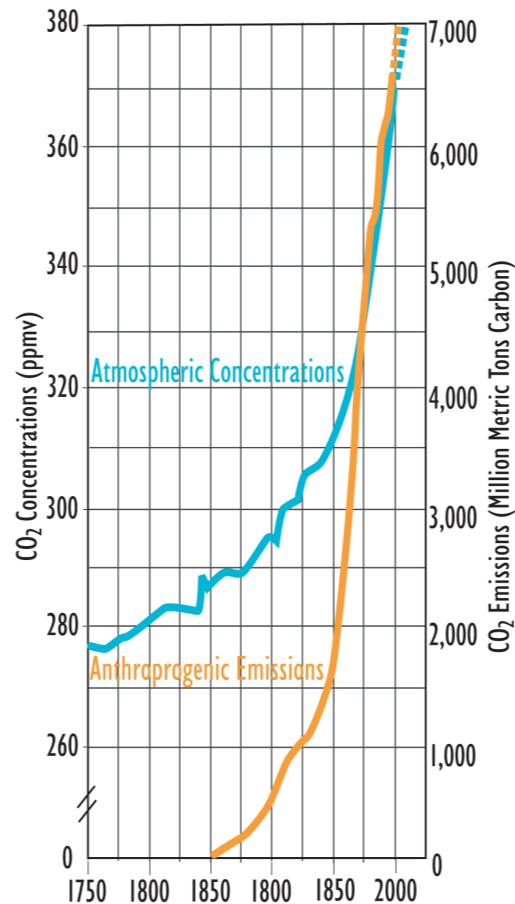
COUNTRIES WITH NUCLEAR ELECTRICITY

	Nuclear capacity MWe	% share of electricity 2007
USA	99 049	19
France	63 473	77
Japan	47 577	28
Russia	21 743	16
Germany	20 339	26
Korea (South)	17 533	35
Ukraine	13 168	48
Canada	12 652	15
UK	11 035	15
Sweden	9016	46
China	8587	2
Spain	7442	17
Belgium	5728	54
India	3779	3
Czech Rep	3472	30
Switzerland	3220	43
Finland	2696	29
Slovakia	2064	54
Bulgaria	1906	32
Brazil	1901	3
South Africa	1842	6
Hungary	1826	37
Mexico	1310	5
Romania	1310	13
Lithuania	1185	64
Argentina	935	6
Slovenia	696	42
Netherlands	485	4
Pakistan	400	2
Armenia	376	44
Total*	371 989	16

* Includes 6 reactors on Taiwan with a total of 4884 MWe.

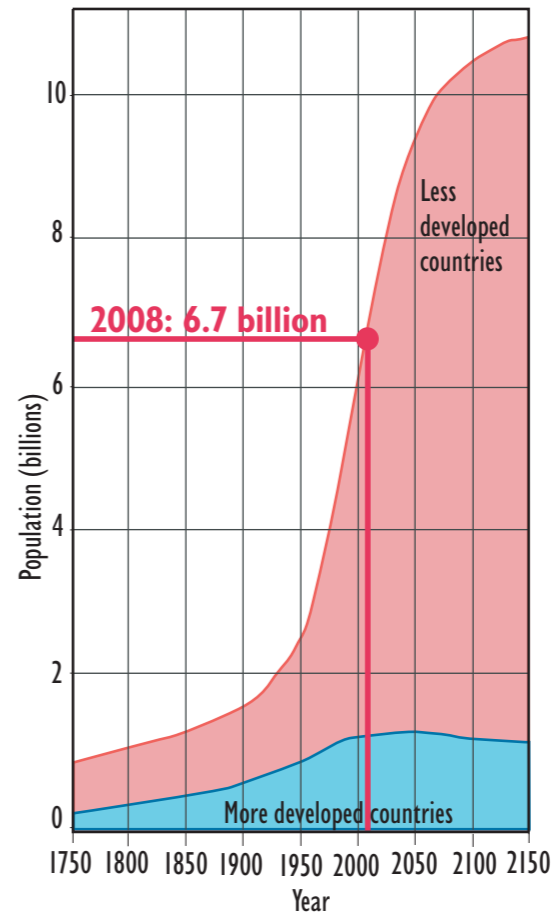
Sources: WNA, IAEA, ANSTO

CO₂: ANTHROPROGENIC EMISSIONS AND ATMOSPHERIC CONCENTRATIONS



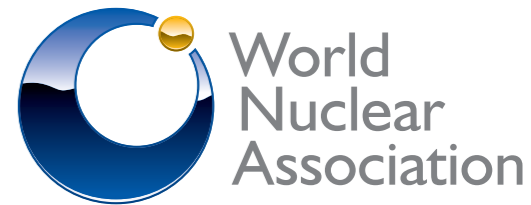
Source: Oak Ridge National Laboratory

WORLD POPULATION

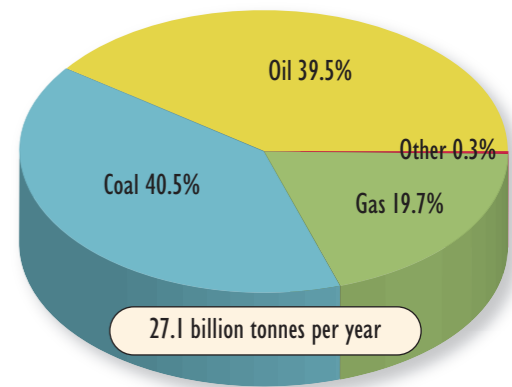


Sources: United Nations, World Population Prospects the Population Reference Bureau

2008 WNA Pocket Guide



NUCLEAR POWER, ENERGY & THE ENVIRONMENT



Global CO₂ emissions

www.world-nuclear.org

ENERGY AND EMISSIONS, SELECTED COUNTRIES (2005)

Location	Population (million)	GDP (billion US\$)	CO ₂ (million tonnes)	Energy use per capita (toe**)	CO ₂ (tonnes/toe**)
Australia	20	470	377	6.0	3.1
Austria	8	208	77	4.2	2.3
Bangladesh	142	61	36	0.2	1.5
Belgium	10	249	112	5.4	2.0
Brazil	186	670	329	1.1	1.6
Bulgaria	8	16	46	2.6	2.3
Canada	32	822	549	8.4	2.0
China	1,305	1,890	5,060	1.3	3.0
Colombia	46	99	60	0.6	2.1
Congo	58	5	2	0.3	0.1
Croatia	4	23	21	2.0	2.3
Czech Rep.	10	68	118	4.4	2.6
Denmark	5	171	48	3.6	2.4
Egypt	74	120	148	0.8	2.4
Ethiopia	71	10	5	0.3	0.2
Finland	5	138	55	6.7	1.6
France	63	1,430	388	4.4	1.4
Germany	82	1,962	813	4.2	2.4
Hungary	10	59	58	2.8	2.1
Iceland	0	11	2	12.3	0.6
India	1,095	644	1,147	0.5	2.1
Indonesia	221	208	341	0.8	1.9
Iran	68	133	407	2.4	2.5
Ireland	4	124	44	3.7	2.9
Italy	59	1,133	454	3.2	2.5
Japan	128	4,994	1,214	4.2	2.3

Location	Population (million)	GDP (billion US\$)	CO ₂ (million tonnes)	Energy use per capita (toe**)	CO ₂ (tonnes/toe**)
N. Korea	22	11	73	0.9	3.5
S. Korea	48	638	449	4.4	2.1
Lithuania	3	17	13	2.5	1.6
Mexico	105	636	389	1.7	2.2
Myanmar	51	15	11	0.3	0.8
Netherlands	16	408	183	5.0	2.2
New Zealand	4	63	35	4.1	2.1
Nigeria	132	60	55	0.8	0.5
Norway	5	185	37	7.0	1.2
Pakistan	156	93	118	0.5	1.6
Philippines	83	94	76	0.5	1.7
Romania	22	49	91	1.8	2.4
Russia	143	350	1,544	4.5	2.4
Saudi Arabia	23	229	320	6.1	2.3
Slovak Rep	5	26	38	3.5	2.0
Slovenia	2	23	16	3.7	2.1
South Africa	47	160	330	2.7	2.6
Spain	43	681	342	3.4	2.4
Sweden	9	272	51	5.8	1.0
Switzerland	8	260	45	3.6	1.7
Thailand	64	157	214	1.6	2.1
Turkey	72	246	219	1.2	2.6
UK	60	1,627	530	3.9	2.3
Ukraine	47	45	297	3.0	2.1
USA	297	10,996	5,817	7.9	2.5
Vietnam	83	45	80	0.6	1.6
World	6,432	36,281	27,136	1.8	2.4

**toe = tonnes of oil equivalent
Source: IEA

ANNUAL CO₂ EMISSIONS PER CAPITA

Location	tonnes	Location	tonnes	Location	tonnes
USA	19.6	Norway	8.0	Mexico	3.7
Australia	18.4	Spain	7.9	Thailand	3.3
Canada	17.0	Italy	7.8	Korea, North	3.3
Saudi Arabia	13.8	Slovenia	7.8	Turkey	3.0
Czech Rep	11.6	Iceland	7.4	Egypt	2.0
Taiwan	11.3	Slovak Rep	7.1	Brazil	1.8
Netherlands	11.2	South Africa	7.0	Indonesia	1.6
Russia	10.8	Ukraine	6.3	Colombia	1.3
Belgium	10.7	France	6.2	India	1.1
Finland	10.6	Switzerland	6.0	Vietnam	1.0
Ireland	10.6	Bulgaria	6.0	Philippines	0.9
Germany	9.9	Iran	6.0	Pakistan	0.8
Japan	9.5	Hungary	5.7	Nigeria	0.4
Austria	9.4	Sweden	5.6	Cote d'Ivoire	0.3
Korea, South	9.3	Croatia	4.7	Bangladesh	0.3
UK	8.8	Romania	4.2	Myanmar	0.2
Denmark	8.8	Lithuania	3.9	Ethiopia	0.1
New Zealand	8.5	China	3.9	D.R. of Congo	0.0
World	4.2				

Source: IEA

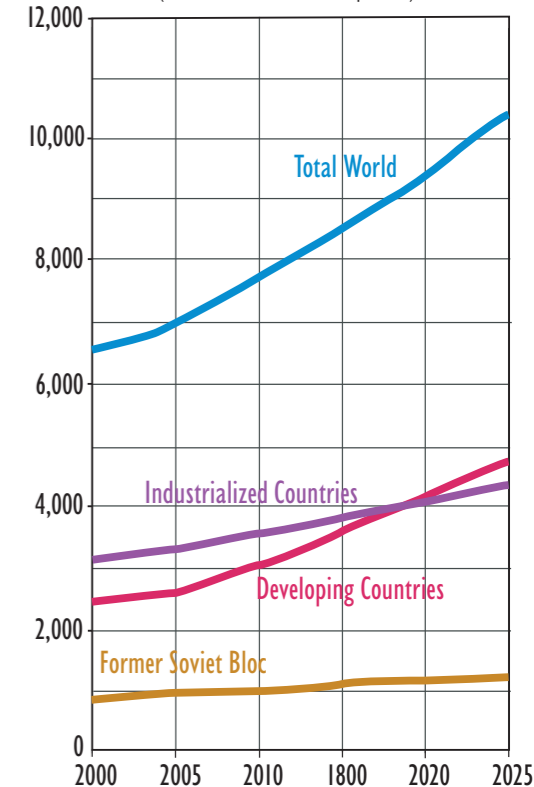
CO₂ EMISSIONS PER GDP

Location	kg/US\$	Location	kg/US\$	Location	kg/US\$
Switzerland	0.17	Spain	0.50	Hungary	0.97
Sweden	0.19	USA	0.53	Egypt	1.23
Norway	0.20	New Zealand	0.56	Pakistan	1.28
Iceland	0.21	Bangladesh	0.59	Thailand	1.36
Japan	0.24	Cote d'Ivoire	0.60	Saudi Arabia	1.40
France	0.27	Colombia	0.60	Slovak Rep	1.50
Denmark	0.28	Mexico	0.61	Indonesia	1.64
UK	0.33	Canada	0.67	Czech Rep	1.74
Ireland	0.35	Slovenia	0.68	India	1.78
Austria	0.37	Korea, South	0.70	Vietnam	1.80
Italy	0.40	Myanmar	0.73	Romania	1.86
Finland	0.40	Taiwan	0.79	South Africa	2.07
Germany	0.41	Australia	0.80	China	2.68
D.R. of Congo	0.44	Lithuania	0.81	Bulgaria	2.88
Netherlands	0.45	Philippines	0.82	Iran	3.07
Belgium	0.45	Turkey	0.89	Russia	4.41
Ethiopia	0.48	Croatia	0.90	Ukraine	6.56
Brazil	0.49	Nigeria	0.91	Korea, North	6.97
World	0.75				

Source: IEA

WORLD CO₂ EMISSIONS

(million metric tons of carbon equivalent)



Source: US Energy Information Administration

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