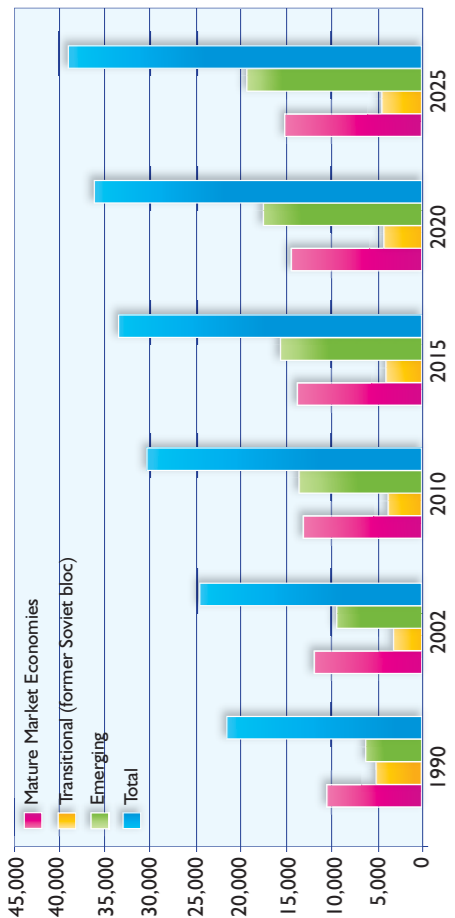


World CO₂ emissions



Source: US Energy Information Administration

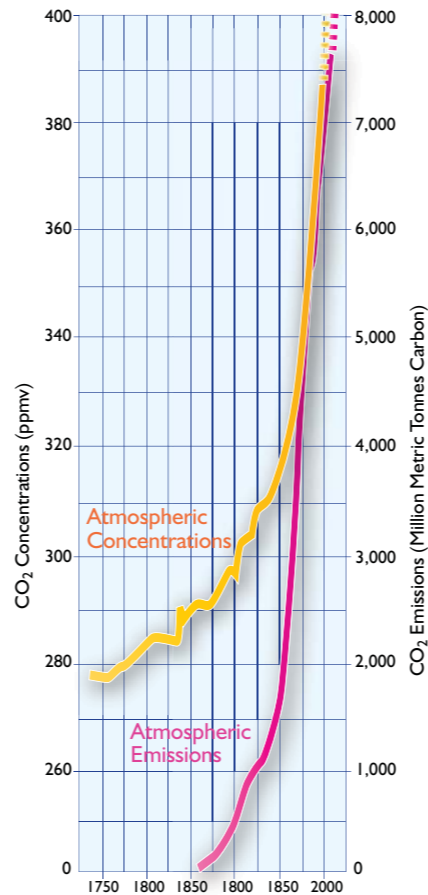
Countries with nuclear electricity

	Nuclear capacity (MWe)	% share of electricity 2008
USA	101 119	20
France	63 473	76
Japan	46 236	25
Russia	21 743	17
Germany	20 339	28
Korea (South)	17 716	36
Ukraine	13 168	47
Canada	12 652	15
UK	11 035	14
Sweden	9016	42
China	8587	2
Spain	7448	18
Belgium	5728	54
India	3779	2
Czech Republic	3472	33
Switzerland	3237	39
Finland	2696	30
Bulgaria	1906	33
Brazil	1901	3
South Africa	1842	5
Hungary	1826	37
Slovakia	1688	56
Mexico	1310	4
Romania	1310	18
Lithuania	1185	73
Argentina	935	6
Slovenia	696	42
Netherlands	485	4
Pakistan	400	2
Armenia	376	39
Total*	372 500	15

* Includes 6 reactors on Taiwan with a total of 4927 MWe.

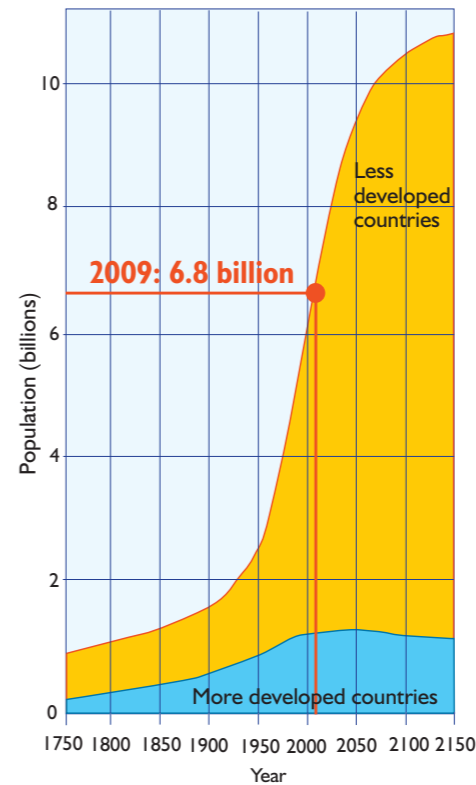
Sources: WNA, IAEA

CO₂: Anthropogenic emissions and atmospheric concentrations



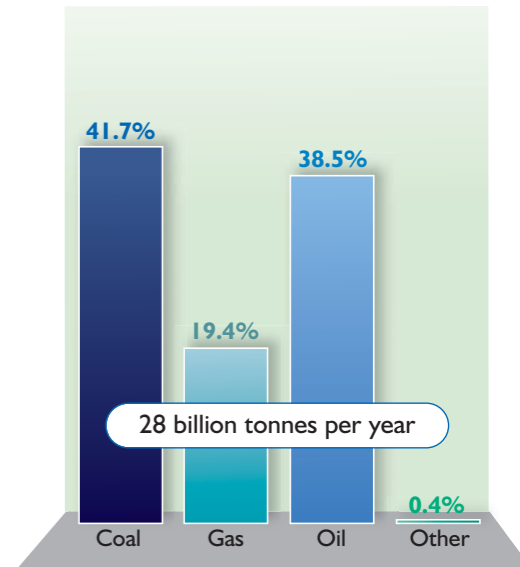
Source: Oak Ridge National Laboratory

World population



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

Nuclear Power, energy and the environment



Global CO₂ emissions

Energy and emissions, selected countries (2006)

Location	Population (million)	GDP (billion US\$)	CO ₂ (million tonnes)	Energy use per capita (toe*)	CO ₂ (tonnes/toe*)
Australia	21	481	394	5.9	3.2
Austria	8	215	73	4.1	2.1
Bangladesh	156	65	38	0.2	1.5
Belgium	11	258	117	5.8	1.9
Brazil	189	765	332	1.2	1.5
Bulgaria	8	17	48	2.7	2.3
Canada	33	845	539	8.3	2.0
China	1,312	2,092	5,607	1.4	3.0
Colombia	46	106	59	0.7	2.0
Congo	61	6	2	0.3	0.1
Croatia	4	24	21	2.0	2.3
Czech Rep.	10	73	121	4.5	2.6
Denmark	5	177	55	3.9	2.6
Egypt	74	128	153	0.8	2.4
Ethiopia	77	11	5	0.3	0.2
Finland	5	145	67	7.1	1.8
France	63	1,468	377	4.3	1.4
Germany	82	2,011	823	4.2	2.4
Hungary	10	62	56	2.7	2.0
Iceland	0	11	2	14.2	0.5
India	1,110	703	1,250	0.5	2.2
Indonesia	223	219	335	0.8	1.9
Iran	70	140	433	2.4	2.5
Ireland	4	133	45	3.6	2.9
Italy	59	1,157	448	3.1	2.4
Japan	128	5,087	1,213	4.1	2.3

Location	Population (million)	GDP (billion US\$)	CO ₂ (million tonnes)	Energy use per capita (toe*)	CO ₂ (tonnes/toe*)
N. Korea	24	12	75	0.9	3.5
S. Korea	48	671	476	4.5	2.2
Lithuania	3	18	14	2.5	1.6
Mexico	105	666	412	1.7	2.4
Myanmar	48	17	10	0.3	0.7
Netherlands	16	421	178	4.9	2.2
New Zealand	4	64	37	4.2	2.1
Nigeria	145	64	51	0.7	0.5
Norway	5	192	37	5.6	1.4
Pakistan	159	99	126	0.5	1.6
Philippines	86	99	67	0.5	1.6
Romania	22	53	95	1.9	2.4
Russia	143	373	1,587	4.8	2.4
Saudi Arabia	24	240	340	6.2	2.3
Slovak Rep.	5	28	37	3.5	2.0
Slovenia	2	24	16	3.6	2.1
South Africa	47	169	342	2.7	2.6
Spain	44	708	328	3.3	2.3
Sweden	9	290	48	5.7	0.9
Switzerland	8	275	44	3.7	1.6
Thailand	63	165	217	1.6	2.1
Turkey	73	261	240	1.3	2.6
UK	61	1,685	536	3.8	2.3
Ukraine	47	48	310	2.9	2.3
USA	300	11,265	5,697	7.7	2.5
Vietnam	84	48	83	0.6	1.6
World	6,536	37,759	28,003	1.8	2.4

*toe = tonnes of oil equivalent
Source: IEA

Annual CO₂ emissions per capita (2006)

Location	tonnes	Location	tonnes	Location	tonnes
USA	19.6	Norway	7.9	Mexico	4.0
Australia	19.0	Slovenia	7.7	Thailand	3.4
Canada	16.5	Italy	7.6	Turkey	3.3
Saudi Arabia	14.4	Spain	7.4	Korea, North	3.2
Finland	12.7	South Africa	7.2	Egypt	2.1
Taiwan	11.9	Iceland	7.2	Brazil	1.8
Czech Republic	11.8	Slovak Republic	7.0	Indonesia	1.5
Russia	11.1	Ukraine	6.6	Colombia	1.3
Belgium	11.1	Bulgaria	6.2	India	1.1
Netherlands	10.9	Iran	6.2	Vietnam	1.0
Ireland	10.6	France	6.0	Pakistan	0.8
Denmark	10.2	Switzerland	5.8	Philippines	0.8
Germany	10.0	Hungary	5.6	Nigeria	0.4
Korea, South	9.9	Sweden	5.3	Cote d'Ivoire	0.3
Japan	9.5	Croatia	4.7	Bangladesh	0.2
New Zealand	8.9	Romania	4.4	Myanmar	0.2
UK	8.9	China	4.3	Ethiopia	0.1
Austria	8.8	Lithuania	4.0	D.R. of Congo	0.0
World	4.3				

Source: IEA

CO₂ emissions per GDP (2006)

Location	kg/US\$	Location	kg/US\$	Location	kg/US\$
Switzerland	0.16	Ethiopia	0.47	Turkey	0.92
Sweden	0.17	USA	0.51	Egypt	1.19
Norway	0.19	Colombia	0.56	Pakistan	1.27
Iceland	0.20	Myanmar	0.57	Thailand	1.32
France	0.26	Bangladesh	0.58	Slovak Rep	1.35
Ireland	0.30	Cote d'Ivoire	0.58	Saudi Arabia	1.42
Denmark	0.31	New Zealand	0.58	Indonesia	1.53
UK	0.32	Mexico	0.63	Czech Rep	1.67
Austria	0.34	Canada	0.64	Vietnam	1.71
Japan	0.34	Slovenia	0.64	India	1.78
Italy	0.39	Philippines	0.67	Romania	1.80
Germany	0.41	Taiwan	0.69	South Africa	2.03
D.R. of Congo	0.42	Korea, S	0.71	China	2.68
Netherlands	0.42	Lithuania	0.77	Bulgaria	2.74
Brazil	0.43	Nigeria	0.81	Iran	3.08
Belgium	0.45	Australia	0.82	Russia	4.25
Finland	0.46	Croatia	0.85	Ukraine	6.41
Spain	0.46	Hungary	0.92	Korea, N	6.55
World	0.74				

Source: IEA



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