

COAL STATISTICS

Coal provides 26.5% of global primary energy needs and generates 41.5% of the world's electricity

Total Global Hard Coal Production

- 5990Mt (2009e)
- 5794Mt (2008)
- 3497Mt (1990)

Total Global Brown Coal/Lignite Production

- 913Mt (2009e)
- 965Mt (2008)

Brown coal production decreased by 5.4% in 2009. Germany remains the world's largest brown coal producer, despite production decreasing by around 2.9% in 2009. Brown coal production increased slightly in Canada and India.

Reserves

Coal reserves are available in almost every country worldwide, with recoverable reserves in around 70 countries. At current production levels, proven coal reserves are estimated to last 119 years. In contrast, proven oil and gas reserves are equivalent to around 46 and 63 years at current production levels respectively. Over 62% of oil and 64% of gas reserves are concentrated in the Middle East and Russia.

Coal & Steel

Approximately 13% (around 717Mt) of total hard coal production is currently used by the steel industry and almost 70% of total global steel production is dependent on coal.

International Hard Coal Trade

	Steam	Coking	Total Trade
1990	299Mt	199Mt	498Mt
2000	421Mt	187Mt	608Mt
2009	709Mt	232Mt	941Mt



Development of Seaborne Trade

	Steam Coal		Coking Coal	
	Atlantic	Pacific	Atlantic	Pacific
1986	74Mt	59Mt	61Mt	81Mt
1996	125Mt	139Mt	70Mt	103Mt
2006	240Mt	330Mt	72Mt	129Mt

Source: SSY - www.ssyonline.com

Top Coal Exporters (2009e)

	Total of which	Steam	Coking
Australia	259Mt	134Mt	125Mt
Indonesia	230Mt	200Mt	30Mt
Russia	116Mt	105Mt	11Mt
Colombia	69Mt	69Mt	-
South Africa	67Mt	66Mt	1Mt
USA	53Mt	20Mt	33Mt
Canada	28Mt	7Mt	21Mt

Top Ten Hard Coal Producers (2009e)

PR China	2971Mt
USA	919Mt
India	526Mt
Australia	335Mt
Indonesia	263Mt
South Africa	247Mt
Russia	229Mt
Kazakhstan	96Mt
Poland	78Mt
Colombia	73Mt



Global Hard Coal Consumption

1990	3471Mt
2008	5661Mt
2009e	5924Mt

Coal in Electricity Generation

Coal is the major fuel used for generating electricity worldwide - countries heavily dependent on coal for electricity include (2008):

South Africa	93%
Poland	92%
PR China	79%
Australia	77%
Kazakhstan	70%
India	69%
Israel	63%
Czech Rep	60%
Morocco	55%
Greece	52%
USA	49%
Germany	46%

Top Coal Importers (2009e)

	Total of which	Steam	Coking
Japan	165Mt	113Mt	52Mt
PR China	137Mt	102Mt	35Mt
South Korea	103Mt	82Mt	21Mt
India	67Mt	44Mt	23Mt
Chinese Tapei	60Mt	57Mt	3Mt
Germany	38Mt	32Mt	6Mt
UK	38Mt	33Mt	5Mt

