

Coal Statistics

Coal provides around 30% of global primary energy needs, generates 41% of the world's electricity and is used in the production of 70% of the world's steel.

Total Global Coal Production

- 7831Mt (2012e)
- 7608Mt (2011)
- 4677 (1990)

Top Ten Coal Producers (2012e)

PR China	3549Mt	Russia	359Mt
USA	935Mt	South Africa	259Mt
India	595Mt	Germany	197Mt
Indonesia	443Mt	Poland	144Mt
Australia	421Mt	Kazakhstan	126Mt

Total world coal production reached a record level of 7831Mt in 2012, increasing by 2.9% in comparison to previous year.

Top Ten Steam Coal Producers (2012e)

PR China	3039Mt	Russia	201Mt
USA	782Mt	Australia	200Mt
India	504Mt	Kazakhstan	108Mt
Indonesia	440Mt	Colombia	85Mt
South Africa	258Mt	Poland	68Mt

Top Ten Coking Coal Producers (2012e)

PR China	510Mt	Canada	31Mt
Australia	147Mt	Mongolia	21Mt
USA	81Mt	Ukraine	18Mt
Russia	75Mt	Kazakhstan	13Mt
India	47Mt	Poland	12Mt

Top Ten Brown Coal Producers (2012e)

Germany	185Mt	Poland	64Mt
Russia	78Mt	Greece	62Mt
Australia	73Mt	Czech Republic	43Mt
USA	72Mt	India	43Mt
Turkey	66Mt	Serbia	38Mt

Reserves

There are two internationally recognised methods for assessing world coal reserves. The first one is produced by the German Federal Institute for Geosciences and Natural Resources (BGR) and is used by the IEA as the main source of information about coal reserves. The second one is produced by the World Energy Council (WEC) and is used by the BP Statistical Review of World Energy.

According to BGR there are 1038 billion tonnes of coal reserves left, equivalent to 132 years of global coal output in 2012. Coal reserves reported by WEC are much lower - 861 billion tonnes, equivalent to 109 years of coal output.

Coal in Electricity Generation

Coal is the major fuel used for generating electricity worldwide. In 2012 coal was used to generate 41% of the world's electricity.

Mongolia	98%	Australia	69%	USA	43%
South Africa	94%	India	68%	Germany	43%
Poland	86%	Israel	59%	UK	29%
PR China	81%	Indonesia	44%	Japan	27%

Coal & Steel

Approximately 13% (over 1 billion tonnes) of total coal production is currently used by the steel industry and roughly 70% of total global steel production is dependent on coal.

World Coal Trade

	Steam	Coking	Lignite
2010	789Mt	282Mt	5Mt
2011	857Mt	283Mt	4Mt
2012	963Mt	290Mt	3Mt

Top Coal Exporters (2012e)

	Total of which	Steam	Coking
Indonesia	383Mt	380Mt	3Mt
Australia	301Mt	159Mt	142Mt
Russia	134Mt	116Mt	18Mt
USA	114Mt	51Mt	63Mt
Colombia	82Mt	82Mt	0Mt
South Africa	74Mt	74Mt	0Mt
Canada	35Mt	4Mt	31Mt

Top Coal Importers (2012e)

	Total of which	Steam	Coking
PR China	289Mt	218Mt	71Mt
Japan	184Mt	132Mt	52Mt
India	160Mt	123Mt	37Mt
South Korea	125Mt	94Mt	31Mt
Chinese Tapei	64Mt	56Mt	8Mt
Germany	45Mt	36Mt	9Mt
UK	45Mt	40Mt	5Mt

Sources: [BP](#), [IEA](#), [World Steel Association](#), [WEC](#)

(e = estimated) (Mt = Million tonnes)

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Documents

Coal Facts 2013

Coal Facts 2012

Coal Facts 2011

Coal Facts 2009

Coal Facts 2008

Coal Facts 2007

Coal Facts 2005

Coal Facts 2006

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