

Coal Facts 2014

Based on data provided by the International Energy Agency and the BP Statistical Review of World Energy.

Coal provides 30.1% of global primary energy needs and generates over 40% of the world's electricity. It is also used in the production of over 70% of the world's steel.

Total world coal production reached a record level of 7822.8 Mt in 2013, or 0.4% more than in 2012.

Total Global Coal Production (including hard coal and lignite)

- 7823Mt (2013e)
- 7794Mt (2012)
- 4677Mt (1990)

Top Ten Coal Producers (2013e)

PR China	3561Mt	Russia	347Mt
USA	904Mt	South Africa	256Mt
India	613Mt	Germany	191Mt
Indonesia	489Mt	Poland	143Mt
Australia	459Mt	Kazakhstan	120Mt

Top Ten Steam Coal Producers (2013e)

PR China	3034Mt	Australia	239Mt
USA	756Mt	Russia	201Mt
India	526Mt	Kazakhstan	103Mt
Indonesia	486Mt	Colombia	81Mt
South Africa	255Mt	Poland	65Mt

Top Ten Coking Coal Producers (2013e)

PR China	527Mt	Canada	34Mt
----------	-------	--------	------

Australia	158Mt	Mongolia	20Mt
USA	78Mt	Ukraine	20Mt
Russia	73Mt	Poland	12Mt
India	42Mt	Kazakhstan	12Mt

Top Ten Brown Coal Producers (2013e)

Germany	183Mt	Australia	63Mt
Russia	73Mt	Greece	54Mt
USA	70Mt	India	45Mt
Poland	66Mt	Czech Republic	40Mt
Turkey	63Mt	Serbia	40Mt

Reserves

The IEA reports that according to the German Federal Institute for Geosciences and Natural Resources there were 1052 billion tonnes of coal reserves remaining as of 2012, or 14.6 billion tonnes more than in 2011. These proved reserves represent 134.5 years of production at current levels, up from 133.1 years calculated last year and 131.6 years in the preceding year.

However, other publications such as the BP Statistical Review of World Energy often refer to the World Energy Council estimates of global coal reserves. According to this source there are 892 billion tonnes of coal reserves left, or 113 years of coal output.

Coal in Electricity Generation (2012)

Mongolia	95%	Australia	69%	Germany	44%
South Africa	93%	India	71%	USA	38%
Poland	83%	Israel	61%	UK	39%
PR China	81%	Indonesia	48%	Japan	21%

Coal & Steel

Approximately 15% (over 1.2 billion tonnes) of total coal production is currently used by the steel industry and above 70% of total global steel production is dependent on coal.

World Coal Trade

	Steam	Coking	Lignite
2011	910Mt	286Mt	3.7Mt
2012	979Mt	294Mt	6.9Mt
2013	1028Mt	301Mt	4.8Mt

Top Coal Exporters (2013e)

	Total of which	Steam	Coking
Indonesia	426Mt	423Mt	3Mt
Australia	336Mt	182Mt	154Mt
Russia	141Mt	118Mt	22Mt

	<i>Total of which</i>	Steam	Coking
USA	107Mt	47Mt	60Mt
Colombia	74Mt	73Mt	1Mt
South Africa	72Mt	72Mt	0Mt
Canada	37Mt	4Mt	33Mt

Top Coal Importers (2013e)

	<i>Total of which</i>	Steam	Coking
PR China	327Mt	250Mt	77Mt
Japan	196Mt	142Mt	54Mt
India	180Mt	142Mt	38Mt
South Korea	126Mt	95Mt	31Mt
Chinese Taipei	68Mt	61Mt	7Mt
Germany	51Mt	43Mt	8Mt
UK	50Mt	44Mt	6Mt

Source: IEA Coal Information 2014, BP Statistical Review of World Energy 2014

**World Coal Association
September 2014**