



- Coal
- Coal & Energy Access
- Coal & the Environment
- Coal & Society
- About WCA
- Resources**
- Coal Statistics**
- Coal Matters
- Coal & Steel Statistics
- Coal Conversion Statistics
- Shipping Terms Glossary
- Cornerstone
- Frequently Asked Questions
- International Maritime Organisation (IMO) Regulations
- Case Studies
- WCA Publications
- Looking into the Future of Coal Workshop
- Building on 21st Century Coal Workshop
- International Coal & Climate Summit 2013
- WCA Leadership & Excellence Awards
- Building Pathways for Cleaner Coal Technologies workshop - June 2015
- Extract – the WCA blog
- Members Area
- Contact us
- [+ Become a Member](#)

Coal Statistics

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

Total Global Coal Production

- 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

Total world coal production reached a record level of 7822.8Mt in 2013, increasing by 0.4% in comparison to the previous year.

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	Kazakhstan	12Mt
India	42Mt	Poland	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

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 1052 billion tonnes of coal reserves left, equivalent to 134.5 years of global coal output in 2013. Coal reserves reported by WEC are much lower - 892 billion tonnes, equivalent to 113 years of coal output.

Coal in Electricity Generation (2012)

Coal is the major fuel used for generating electricity worldwide. In 2013 coal was used to generate over 40% of the world's electricity.

Mongolia	95%	India	71%	Germany	44%
South Africa	93%	Australia	69%	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 roughly 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
USA	107Mt	47Mt	60Mt
Colombia	74Mt	73Mt	1Mt
South Africa	72Mt	72Mt	0Mt
Canada	37Mt	4Mt	33Mt

Top Coal Importers (2013e)

	Total of which	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

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

(e = estimated) (Mt = Million tonnes)

September 2014

Documents

Coal Facts 2014	◀	Coal Facts 2013	◀
Coal Facts 2012	◀	Coal Facts 2011	◀
Coal Facts 2009	◀	Coal Facts 2008	◀

Share this Page

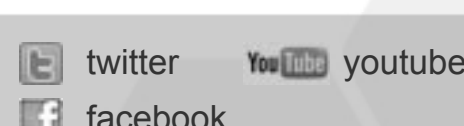


Helpful Links

[Climate Change](#)
[Coal Statistics](#)

[Extract - the WCA blog](#)
[What is coal?](#)

Find us on



Email: info@worldcoal.org Tel: +44 (0) 20 7851 0052 Fax: +44 (0) 20 7851 0061

[Contact us](#) | [Terms & Conditions](#) | [Accessibility](#) | [Site Map](#)