

Coal Facts

2007 Edition with 2006 data



Coal provides 25% of global primary energy needs and generates 40% of the world's electricity

Total Global Hard Coal Production

2006e	5370Mt	<i>an 8.8 % increase over the previous year & 92% growth over the past 25 years.</i>
2005	4934Mt	
1996	3734Mt	

Total Global Brown Coal/Lignite Production

2006e	914Mt	2005	906Mt
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Brown coal production increased by 0.9% in 2006. Germany remains the world's largest brown coal producer, despite production falling in 2006. Brown coal production increased in Turkey, Russia and Romania.

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 147 years. In contrast, proven oil and gas reserves are equivalent to around 41 and 63 years respectively at current production levels. Over 68% of oil and 67% of gas reserves are concentrated in the Middle East and Russia.

Top Ten Hard Coal Producers (2006e)

PR China	2482Mt	Russia	233Mt
USA	990Mt	Indonesia	169Mt
India	427Mt	Poland	95Mt
Australia	309Mt	Kazakhstan	92Mt
South Africa	244Mt	Colombia	64Mt

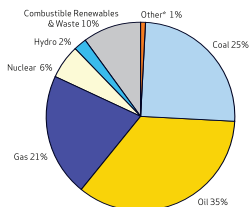
Global Hard Coal Consumption

	1986	1996	2006e
World	3232Mt	3773Mt	5339Mt

Selected Regional Aggregate Estimates

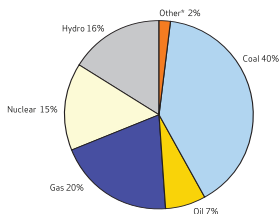
Europe	17%	11%	7%
FSU	17%	8%	6%
North America	21%	23%	18%
Asia-Pacific	39%	53%	65%

Total World Primary Energy Consumption (% by fuel – 2005)



* Other includes geothermal, solar, wind, heat etc

Total World Electricity Generation (% by fuel - 2005)



*Other includes geothermal, solar, wind, combustible renewables & waste

Coal in Electricity Generation

Coal is the major fuel used for generating electricity worldwide - countries heavily dependent on coal for electricity include (2006e):

Poland	93%	Israel	71%*	Czech Rep	59%
S Africa	93%*	Kazakhstan	70%*	Greece	58%
Australia	80%	India	69%*	USA	50%
PR China	78%	Morocco	69%*	Germany	47%

*only 2005 figures available for these countries

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 (Source: IEA - www.iea.org)

	Steam	Coking	Total Trade
1996	318Mt	196Mt	513Mt
2000	421Mt	188Mt	609Mt
2006	593Mt	222Mt	815Mt

Development of Seaborne Trade (Source: SSY - www.ssyonline.com)

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

Since 1986, seaborne steam coal trade has increased on average by about 7.5% p.a and seaborne coking coal trade by 1.8% p.a.

Top Coal Exporters (2006e)

	Total of which	Steam	Coking
Australia	231Mt	111Mt	121Mt
Indonesia	129Mt	104Mt	25Mt
Russia	92Mt	82Mt	10Mt
South Africa	69Mt	68Mt	1Mt
PR China	63Mt	59Mt	4Mt
Colombia	60Mt	60Mt	-
USA	45Mt	20Mt	25Mt

Top Coal Importers (2006e)

	Total of which	Steam	Coking	
Japan	178Mt	105Mt	73Mt	
Korea	80Mt	60Mt	20Mt	
Chinese Taipei	64Mt	58Mt	6Mt	
UK	51Mt	44Mt	7Mt	
Germany	41Mt	33Mt	9Mt	
India	41Mt	22Mt	19Mt	
PR China	38Mt	29Mt	9Mt	
				Other major importers of coking coal include: India (19Mt), Brazil (13Mt) & PR China (9Mt)

Sources BP, IEA, IISI, SSY, WEC (e = estimated)

For more information about coal, visit the World Coal Institute website
www.worldcoal.org

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October 2007

 World Coal Institute