



## Coal in Electricity Generation

Coal is the major fuel used for generating electricity worldwide - countries heavily dependent on coal for electricity include (2004e):

Poland	95%	Israel	77% (2003)	Czech Rep	62%
S Africa	93% (2003)	Kazakhstan	70% (2003)	Greece	61%
PR China	79% (2003)	Morocco	68% (2003)	Germany	51%
Australia	77%	India	68% (2003)	USA	51%

## Coal and Steel

Approximately 12% (around 545 Mt) of total hard coal production is currently utilised by the steel industry – over 66% of total global steel production is directly dependent on coal.

## International Hard Coal Trade (Source: IEA - [www.iea.org](http://www.iea.org))

	Steam	Coking	Total Trade
1995	297 Mt	196 Mt	494 Mt
2000	421 Mt	188 Mt	609 Mt
2004	541 Mt	214 Mt	755 Mt

## Development of Seaborne Trade (Source: SSY - [www.ssyonline.com](http://www.ssyonline.com))

	Steam Coal		Coking Coal	
	Atlantic	Pacific	Atlantic	Pacific
1984	66 Mt	39 Mt	56 Mt	79 Mt
1994	108 Mt	111 Mt	66 Mt	98 Mt
2000	157 Mt	187 Mt	70 Mt	109 Mt
2004	210 Mt	274 Mt	67 Mt	123 Mt

Since 1984, seaborne steam coal trade has increased on average by 8% pa and seaborne coking coal trade by 2% pa.

## Top Coal Exporters (2004e)

	Total	Steam	Coking
Australia	219 Mt	107 Mt	112 Mt
Indonesia	107 Mt	90 Mt	17 Mt
PR China	86 Mt	80 Mt	6 Mt
South Africa	67 Mt	64 Mt	3 Mt
Russia	65 Mt	51 Mt	14 Mt
Colombia	52 Mt	51 Mt	1 Mt
USA	43 Mt	19 Mt	24 Mt
Canada	27 Mt	1 Mt	26 Mt
Kazakhstan	22 Mt	22 Mt	0 Mt

## Top Coal Importers (2004e)

	Total	Steam	Coking
Japan	183 Mt	97 Mt	86 Mt
Rep of Korea	79 Mt	58 Mt	21 Mt
Chinese Taipei	60 Mt	53 Mt	7 Mt
Germany	39 Mt	32 Mt	7 Mt
UK	36 Mt	30 Mt	6 Mt

Sources: BP, IEA, IISI, SSY, WEC

(e = estimated)

For more information about coal, visit the World Coal Institute website  
[www.worldcoal.org](http://www.worldcoal.org)

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