

# Coal extraction data

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 Climate Mitigation Services  
 File started: 11 January 2005  
 Last modified: August 2011

## North Korea

yellow column indicates original reported units

Pyongyang

## Production / Extraction data



Year

Year	Lignite		Hard Coal		Total Coal	
	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production
	Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr

### Coal and Peat in Korea, Democratic People's Republic of in 2008

	Anthracite	Coking Coal	Other Bituminous Coal	Sub-Bituminous Coal	Lignite/Brown Coal	Peat	Patent Fuel	Coke Oven Coke	Gas Coke	Coal Tar	BKB Peat Briquettes	Gas Works Gas*	Coke Oven Gas*	Blast Furnace Gas*	Oxygen Steel Furnace Gas*	
Unit	kt	kt	kt	kt	kt	kt	kt	kt	kt	kt	kt	TJ	TJ	TJ	TJ	
Production	2626	0	22472	7235	0	0	0	0	0	0	0	0	0	0	1971	0
From Other Sources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Imports	0	164	0	0	0	0	0	213	0	0	0	0	0	0	0	0
Exports	-2626	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stock Changes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Domestic Supply</b>	<b>0</b>	<b>164</b>	<b>22472</b>	<b>7235</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>213</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1971</b>	<b>0</b>
Statistical Differences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	lignite	anthracite	
	million tonnes	million tonnes	
	2.39	2.94	1943
	2.49	3.11	1944
na		0.83	1945
	0.47	1.30	1946
na	1.62	na	1947
na	na	na	1948
na	na	na	1949
na	na	na	1950

U.S. Bureau of Mines (1952)  
 Minerals Yearbook 1950, page 344.

International Energy Agency, Coal and Peat in DPR Korea, ranks coal production differently from EIA data used below.

metallurgical coal not included in total

EIA data on North Korean coal production (see page 2 for details)

Year	Lignite		Bituminous		Anthracite		Metallurgical coal		North Korea		North Korea	
	EIA coal stats:	EIA coal stats:	EIA coal stats:	EIA coal stats:	EIA coal stats:	EIA coal stats:	EIA coal stats:	EIA coal stats:	Total coal	Total coal	Total coal	Total coal
	million tons	million tons	million tons	million tons	million tons	million tons	million tons	million tons	million tons	million tonnes	million tonnes	million tonnes
1980	11.0	37.6	-	-	-	3.3	-	48.6	44.1	48.6	44.1	44.1
1981	11.0	39.2	-	-	-	3.3	-	50.2	45.6	50.2	45.6	45.6
1982	11.6	41.3	-	-	-	3.6	-	52.8	47.9	52.8	47.9	47.9
1983	12.1	41.3	-	-	-	3.7	-	53.4	48.5	53.4	48.5	48.5
1984	12.1	42.7	-	-	-	3.7	-	54.8	49.7	54.8	49.7	49.7
1985	13.2	44.1	-	-	-	3.9	-	57.3	52.0	57.3	52.0	52.0
1986	13.8	43.1	-	-	-	3.9	-	56.9	51.6	56.9	51.6	51.6
1987	13.8	42.1	-	-	-	3.9	-	55.8	50.7	55.8	50.7	50.7
1988	13.8	54.9	-	-	-	3.9	-	68.7	62.3	68.7	62.3	62.3
1989	14.3	40.3	-	-	-	4.0	-	54.6	49.6	54.6	49.6	49.6
1990	11.7	39.3	-	-	-	4.0	-	51.0	46.3	51.0	46.3	46.3
1991	11.0	38.3	-	-	-	4.8	-	49.3	44.8	49.3	44.8	44.8
1992	10.4	32.7	-	-	-	2.3	-	43.1	39.1	43.1	39.1	39.1
1993	9.6	29.9	-	-	-	1.8	-	39.5	35.8	39.5	35.8	35.8
1994	9.0	28.0	-	-	-	1.3	-	37.0	33.6	37.0	33.6	33.6
1995	8.4	26.1	-	-	-	0.8	-	34.5	31.3	34.5	31.3	31.3
1996	7.5	23.1	-	-	-	0.1	-	30.6	27.8	30.6	27.8	27.8
1997	7.3	22.7	-	-	-	0.1	-	30.0	27.2	30.0	27.2	27.2
1998	6.6	20.5	-	-	-	0.1	-	27.1	24.6	27.1	24.6	24.6
1999	7.5	23.1	-	-	-	-	-	30.6	27.8	30.6	27.8	27.8
2000	8.0	24.8	-	-	-	-	-	32.8	29.7	32.8	29.7	29.7
2001	8.2	25.5	-	-	-	-	-	33.7	30.5	33.7	30.5	30.5
2002	7.8	24.1	0.4	-	-	-	-	32.4	29.4	32.4	29.4	29.4
2003	7.9	24.6	0.8	-	-	-	-	33.3	30.2	33.3	30.2	30.2
2004	8.1	25.1	1.7	-	-	-	-	35.0	31.7	35.0	31.7	31.7
2005	8.5	26.5	3.1	-	-	-	-	38.2	34.6	38.2	34.6	34.6
2006	8.8	27.2	2.7	-	-	-	-	38.7	35.1	38.7	35.1	35.1
2007	7.1	22.2	4.1	-	-	-	-	33.4	30.3	33.4	30.3	30.3
2008	8.0	24.8	2.9	-	-	-	-	35.6	32.3	35.6	32.3	32.3
2009	9.9	28.2	3.3	-	-	-	-	41.3	37.5	41.3	37.5	37.5
2010	9.9	28.2	3.3	-	-	-	-	41.3	37.5	41.3	37.5	37.5
<b>Total</b>	<b>308</b>	<b>991</b>	<b>22</b>	<b>52</b>	<b>1,322</b>	<b>1,199</b>						



Library of Congress Country Studies (1993)  
 North Korea Mining and Metal Processing

1980-2010 total: 1,322 tons

Coal Types:	Lignite	23.29%	Bituminous	75.01%	Anthracite	1.70%	100.00%
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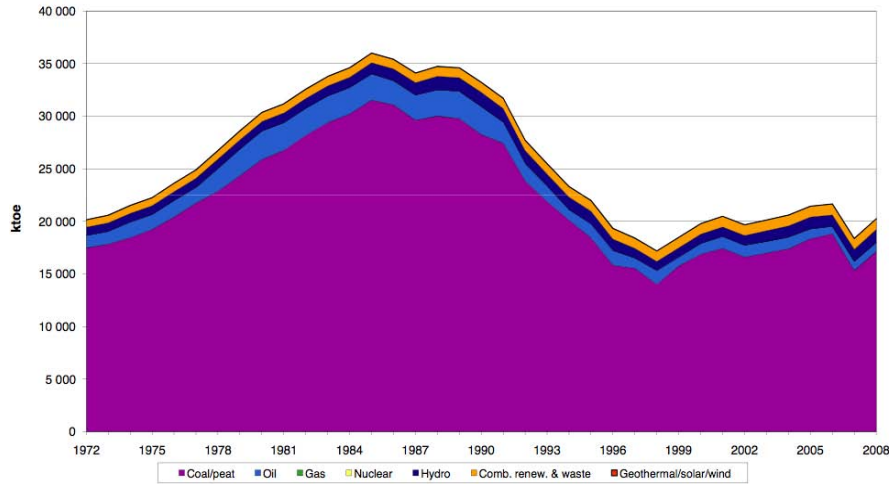
NorthKorea

North Korea					
Lignite EIA coal stats: thousand tons	Bituminous EIA coal stats: thousand tons	Anthracite EIA coal stats: thousand tons	Metallurgical EIA coal stats: thousand tons	Total Primary coal EIA coal stats: thousand tons	
1980	11,023	37,595	-	3,307	48,619
1981	11,023	39,189	-	3,307	50,212
1982	11,574	41,255	-	3,638	52,829
1983	12,125	41,298	-	3,748	53,424
1984	12,125	42,672	-	3,748	54,797
1985	13,228	44,092	-	3,858	57,320
1986	13,779	43,133	-	3,858	56,912
1987	13,779	42,064	-	3,858	55,843
1988	13,779	54,884	-	3,858	68,663
1989	14,330	40,304	-	3,968	54,634
1990	11,685	39,345	-	3,968	51,029
1991	11,023	38,315	-	4,752	49,338
1992	10,362	32,704	-	2,291	43,066
1993	9,634	29,873	-	1,818	39,507
1994	9,039	27,999	-	1,269	37,038
1995	8,378	26,125	-	802	34,502
1996	7,452	23,149	-	120	30,600
1997	7,309	22,708	-	120	30,017
1998	6,600	20,503	-	97	27,103
1999	7,452	23,149	-	-	30,600
2000	7,984	24,802	-	-	32,786
2001	8,197	25,463	-	-	33,660
2002	7,771	24,141	449	-	32,361
2003	7,913	24,582	821	-	33,316
2004	8,091	25,133	1,732	-	34,955
2005	8,539	26,522	3,091	-	38,151
2006	8,759	27,205	2,734	-	38,698
2007	7,141	22,179	4,123	-	33,442
2008	7,975	24,771	2,895	-	35,641
2009	9,872	28,164	3,309	-	41,345
2010	est. 9,872	28,164	3,309	-	NA
subt. 1992-2010	307,813	991,481	22,462	52,385	1,280,410
percent of 2009	23.88%	68.12%	8.00%	100.00%	
<b>% 1992-2010:</b>	24%	77%	2%		

IEA Energy Statistics

Statistics on the Web: <http://www.iea.org/statist/index.htm>

Total primary energy supply\*  
DPR of Korea



Approximate coal consumption

from chart	Mtoe million tonnes	Mtce million tonnes
1972	17.50	25.00
1973	18.10	25.86
1974	18.70	26.71
1975	19.30	27.57
1976	19.90	28.43
1977	21.00	30.00
1978	23.50	33.57
1979	25.00	35.71
1980	26.00	37.14

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For more detailed data, please consult our on-line data service at <http://data.iea.org>.

International Energy Agency, Coal and Peat in DPR Korea, ranks coal production differently from EIA data used below.

1.0000 tonne oil equivalent =  
1.4286 tonne coal equivalent

NorthKorea

**Cell:** D11

**Comment:** Rick Heede:

Coal production by coal mining companies and state-owned enterprises, including subsidiaries of oil and gas companies.

Coal types produced are not ordinarily reported by coal operators (except for metallurgical coal). We distinguish, where possible and reasonably well known, between hard (bituminous and subbituminous) and soft (lignite or peat) coals, especially for the larger companies operating in regions such as Australia and India where soft coals are predominant. Soft coals have lower carbon content per tonne than do hard coals.

**Cell:** F43

**Comment:** Rick Heede:

EIA (2011) International Energy Statistics on World Coal Production (lignite, bituminous, anthracite, and metallurgical coal), by country; data for 1980-2009; total Primary Coal Production data extends to 2010. [www.eia.gov/emeu/internationalenergy.html](http://www.eia.gov/emeu/internationalenergy.html) or [www.eia.gov/countries/data.cfm](http://www.eia.gov/countries/data.cfm).

**Cell:** D47

**Comment:** Rick Heede:

EIA (2009) World Lignite Coal Production, 1980-2006, Table 5.4, and EIA online data.

**Cell:** G47

**Comment:** Rick Heede:

EIA (2009) World Bituminous Coal Production, 1980-2006, Table 5.3; and EIA online data.

**Cell:** H47

**Comment:** Rick Heede:

EIA (2009) World Anthracite Coal Production, 1980-2006, Table 5.2; and EIA online data.

**Cell:** J76

**Comment:** Rick Heede:

Institute for Far Eastern Studies (IFES) report from Chinese custom statistics, report 36 and 41 tons coal exported from N Korea to China; EIA website shows 2008-2009 production as 35.6 and 41.345 short tons; Rick needs to check (Rhea)

**Cell:** H87

**Comment:** Rick Heede:

EIA (2011) International Energy Statistics on World Coal Production (lignite, bituminous, anthracite, and metallurgical coal), by country; data for 1980-2009; total Primary Coal Production data extends to 2010. [www.eia.gov/emeu/internationalenergy.html](http://www.eia.gov/emeu/internationalenergy.html) or [www.eia.gov/countries/data.cfm](http://www.eia.gov/countries/data.cfm).

**Cell:** Q174

**Comment:** Rick Heede:

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