

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Coal extraction data													
2														
3	Richard Heede <i>Climate Mitigation Services</i> File started: 11 January 2005 Last modified: February 2010													
4														
5														
6														
7														
8														
9	Royal Dutch Shell Group, UK										yellow column indicates original reported units			
10	www.shell.com London													
11	Production / Extraction data													
12	Year	Lignite		Hard Coal				Total Coal						
13		Gross production	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production
14		Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr	Million tons/yr
15														
16														
17	1950													
18	1951													
19	1952													
20	1953													
21	1954													
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68	2001													
69	2002													
70	2003													
71	2004													
72	2005													
73	2006													
74	2007													
75	2008													
76														
77	Total	-	-	123	460	507	460							
78														
79														
80	Coal Types:	Lignite:	0.00%	Thermal coal	100.00%	Metallurg./Anthr.	0.00%	100.00%						
81														

Production attributed to Anglo American (acquired in 2000)

Production assumed to be "thermal coal" (US average)

	8.8	9.7	8.8
interpolated	11.8	13.0	11.8
interpolated	15.0	16.5	15.0
	18.0	19.8	18.0
	20.0	22.0	20.0
	23.0	25.4	23.0
Keystone, US prod'n	23.0	25.4	23.0
	8.7	30.9	28.0
	15.4	27.0	27.0
	24.4	33.1	30.0
	25.5	36.4	33.0
	24.6	34.1	31.0 int
	24.3	31.9	28.9 int
not included in sum	26.9	29.6	26.9 int
	24.8	27.3	24.8
	23.1	25.5	23.1
	17.7	19.5	17.7
	18.5	20.4	18.5
	19.8	21.8	19.8
	14.2	15.7	14.2
	17.1	18.8	17.1

Coal interests sold to Anglo American, July 2000

Shell's coal mines in South Africa (98% bituminous), Australia (78.6% bituminous, 21% lignite) -- AnnRpt1997.
 Shell does not specify coal rank
 CMS assumes US thermal coal heating value and carbon factor

Shell Coal

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: H46

Comment: Rick Heede:

Coal SALES in 1979 from Royal Dutch Shell (1980) Annual Report, p. 18. "Sales of internationally traded coal reached 5.6 million tonnes, more than three times the 1978 figure. In addition, Shell Oil Company sold 3.2 million tonnes of domestically produced coal in the United States." Note: It is unclear if coal sales are equivalent to coal production by RDSG or its equity production.

Cell: H51

Comment: Rick Heede:

Coal production from Royal Dutch/Shell Group (1985) SEC Form 20-F, p. G-23.

Total production has to be inferred for 1982 and 1983 from the changes in coal reserves:

1982: 9 million tonnes plus ~9 million tonnes from Group equity production of associated companies = 20 Mt;

1983: 11 Mt plus 9 Mt = 20 Mt;

1984: 14 Mt plus 9 Mt.

Note: there are no details on coal types produced.

Cell: H54

Comment: Rick Heede:

Coal production 1985-1987 from Royal Dutch/Shell Group (1988) SEC Form 20-F, p. G-32-33.

1985: 14 million tonnes plus 9 million tonnes from Group equity production of associated companies = 23 Mt;

1986: 16 Mt plus 12 Mt = 28 Mt;

1987: 21 Mt plus 6 Mt = 27 Mt.

Cell: H55

Comment: Rick Heede:

Royal Dutch/Shell Group Annual Report for 1989. CMS lacks the pages showing coal production, but do have net changes to reserves showing approx production, on p. 49, for 1989 and 1988.

Cell: G58

Comment: Rick Heede:

Keystone Coal Industry manual for 1993, p. 372, shows Shell Mining Company coal production of 24.3 million tons. Shell does not appear the following year.

Cell: H60

Comment: Rick Heede:

Royal Dutch/Shell Group Annual Report for 1997, Operating Comparisons 1993-1997, p. 63, shows coal sales (international is ~73 percent of total, domestic ~27 percent in 1997, but roughly equal in 1993).

Cell: H65

Comment: Rick Heede:

Shell Annual Report for 1998, p. 37: equity production of 14.2 million tonnes.

Cell: H66

Comment: Rick Heede:

Royal Dutch/Shell Group Annual Report for 1999, p. 29

Coal. The decision was taken in August 1999 to divest the coal business. The sale is expected to be concluded during 2000. Equity production from all mines rose 20% relative to 1998, to 17.1 million tonnes.

Cell: H67

Comment: Rick Heede:

"Anglo American Pty Ltd has announced it has acquired the Shell Coal assets. Price is reported to be between US\$850 to US\$900 million. While this includes all the coal mines, the 50% stake in the new Callide power station is being marketed separately."
www.energyminerals.com.au/news3.html, undated.