

Coal extraction data

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Sasol, South Africa

yellow column indicates original reported units

www.sasol.co.za/ Rosebank, RSA

Production / Extraction data

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

Sasol mines coal (exported as well as used for syngas and synthetic liquids production)
 Sasol also produces minor quantities of gas and oil internationally (Mozambique, Gabon)

sasol
 reaching new frontiers



Sasol Annual Report 2010, page 29.

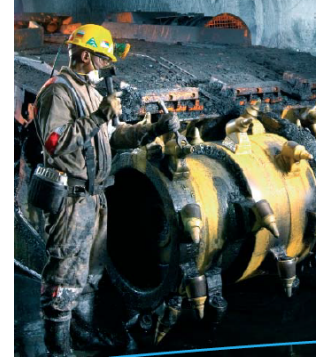
Sasol data		
0.03		0
0.26		0
1.12		1
1.39		1
1.77		2
1.91		2
2.01		2
2.08		2
2.31		2
2.39		2
2.30		2
2.33		2
2.87		3
3.36		3
3.59		4
3.90		4
3.87		4
4.09		4
4.19		4
4.52		5
4.54		5
4.65		5
4.62		5
4.77		5
5.85		6
7.01		7
8.24		8
13.17		13
16.88		17
27.84		28
33.07		33
34.94		35
35.38		35
35.33		35
34.60		35
35.11		35
36.63		37
36.80		37
37.25		37
39.12		39
40.35		40
40.71		41
43.29		43
44.35		44
48.21		48
48.52		49
50.89		51
51.32		51
51.52		52
51.12		51
51.88		52
47.51		48
47.7		46
46.5		43
46.1		43
43.7		39
39.10		39
42.60		43

15.6
27.9
32.8
34.9
35.5
35.3
34.6
35.4
36.6
31.0
32.4
33.4

methane explosion claimed 53 lives in 1992

50.9
49.9
50.6
49.4
51.1

Sales	million tonnes
47.7	46.20
46.5	43.30
46.1	42.80
43.7	39.10
	39.10
	42.60



Other Sasol products:
 not added to coal prod

Sasol Petroleum International

oil sales	million bbl	
1.7		2006
1.6		2007
1.8		2008
2.0		2009
na		2010
condensate sale	million bbl	
0.45		2006
0.58		2007
0.50		2008
0.46		2009
na		2010
gas sales	million GJ	
66.0		2006
68.5		2007
74.8		2008
74.7		2009
75.1		2010 AnnRpt 2010

Sasol oil	Mm ³	
9.6		2006
9.7		2007
10.0		2008
42.2		2009
39.1		2010
Sasol synfuels	coal-based liquids	million tonnes
7.5		2006
7.3		2007
7.4		2008
7.1		2009
7.4		2010 AnnRpt 2012, p. 36
Sasol gas	natural gas + syngas	million GJ
105.7		2006
112.9		2007
122.3		2008
122.2		2009
123.7		2010 AnnRpt 2010, p. 33

Total	-	637	-	1,329	-	1,329
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Coal Types:	Lignite:	0.00%	Bituminous	100.00%	Metallurg./Anthrac.	0.00%
				1953-2008 subtotal:	1,329	million tonnes

100.00%

Sasol

Cell: I9

Comment: Rick Heede:

Wikipedia: "Sasol Limited is an integrated energy and chemical company based in Johannesburg, South Africa. The company was formed in 1950 in Sasolburg, South Africa. It develops and commercialises technologies, including synthetic fuels technologies, and produces different liquid fuels, chemicals and electricity. Sasol is listed on the Johannesburg Stock Exchange and the New York Stock Exchange. Major shareholders include South African Government Employees Pension Fund, Industrial Development Corporation of South Africa Limited (IDC), Allan Gray Investment Counsel, Coronation Fund Managers, Investment Asset Managers, among others. Sasol employs approximately 34 000 people worldwide and has operations in 38 countries. It is the largest corporate taxpayer in South Africa."

Cell: H19

Comment: Rick Heede:

Sasol mining tonnages for Secunda and Sasolburg for 1953/1954 through 2004/2005 from "mining colleagues" at Sasol, 7 July 2005.

Cell: N30

Comment: Rick Heede:

Sasol Annual Rpt 2009, page 47: "Sasol Petroleum International (SPI) develops and manages the group's upstream interests in oil and gas exploration and production. Particular focus is given to securing more natural gas reserves with the aim of leveraging the group's proprietary technology and developing new gas-to-liquids (GTL) facilities. storage (CCS) solutions in support of the group's coal-to-liquids." Gas sales, condensate sales, and oil sales data below.

Cell: E48

Comment: Rick Heede:

Coal production for 1982 and 1983 from Sasol (1984) Annual Report.
Coal production for 1983 forward from Sasol (various) Annual Reports. Data reported by collieries and not totalled until the 1987 report.

Cell: E57

Comment: Rick Heede:

Sasol Annual Report for 1991 only reports production from Secunda Collieries; no mention of production from Sasol's Sigma Collieries.

Cell: E59

Comment: Rick Heede:

1993 production from Sasol (1994) Annual report, p. 12. Also reports methane explosion at Secunda Collieries' Middelbult mine in March 1993, claiming 53 lives.

Cell: N60

Comment: Rick Heede:

AR 2010 pdf pg 39; report is MT sales and production (not Mm³), this # is production

Cell: N61

Comment: Rick Heede:

Sasol Annual Rpt 2009, page 37: "Sasol Synfuels operates the only commercial coal-based synfuels manufacturing facility in the world." 2008 production of 7.4 million tonnes (sales of 7.5 Mt).

Cell: E66

Comment: Rick Heede:

Coal production for 200-2002 from Sasol (2003) SEC Form 20-F, www.sec.gov/index.htm. Reports prior to 2003 not available from SEC website.

Cell: E69

Comment: Rick Heede:

Coal production 2003 and 2004 from Sasol (2005) Annual Report, p. 29. Sasol Mining produces and supplies coal to Sasol's synfuels division. In 2003 Sasol produced 7.28 million tonnes of synthetic liquid fuels (refined at Natref); 2004 = 7.67 Mt. Production slate in 2004 was 66 percent liquid and gaseous fuels, 20 percent petrochemical feedstocks, 11 percent carbon and nitrogenous feedstocks, and 3 percent "specialized cokes + creosote + related carbon and tar products."

Of the total coal produced in 2004, 402 Mt were supplied to the synfuels division and 6 to 7 Mt to Sasol's petrochemical division. Natural gas from Mozambique is slated to replace coal for synfuels production. p. 29.

Sasol also reports 3,115 million cubic meters of crude oil processed in 2004, which (at 0.159 cm per bbl) equals 19.59 billion bbl. We conclude that the data units are in thousand (not million, as stated) cubic meters, meaning a refinery throughput of 19.59 million bbl. Liquid fuel sales are reported as 9,318 million cubic meters, or (once crediting proper units) equal to 58.60 million bbl; 2004 report, page 33.

Sasol also reports gas sales of 52.9 million gigajoules (ie, petajoules, or PJ) in 2004, 48.7 PJ in 2003. Sales via "Spring Lights Gas, our 49:51 gas marketing joint-venture company with the Durban-based Coal Energy and Power Resources black empowerment company." p. 37.

We have not found evidence of Sasol's own extraction of crude oil or natural gas, and thus base the company's production on its coal operations alone.

Cell: N69

Comment: Rick Heede:

Sasol Annual Rpt 2009, page 33: "Sasol Gas, which markets natural gas from Mozambique and methane-rich gas produced by Sasol Synfuels, sustained sales volumes at 122,2 million gigajoules (M GJ) in 2008."

Cell: H72

Comment: Rick Heede:

Sasol Annual Rpt 2007, page 34, coal production in million tonnes; sales are 47.7 and 46.5 million tonnes for 2006 and 2007.

Cell: H74

Comment: Rick Heede:

Sasol Annual Rpt 2009, page 31: total sales in 2008: 46.1 million tonnes; total production 42.8 million tonnes. Production chiefly at Secunda mining complex, also 1.8 Mt at Sigma Mooikraal Colliery; Secunda mines nearing depletion, proposing to develop new mines and shafts (R7 billion).

Cell: H76

Comment: Rick Heede:

AR 2010 pdf report pg 31