Production and sales P2041

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Key figures regarding mining production as at the end of February 2001

Actual estimates		% change	% change	% change
	February	between	between	between
	2001	February 2000	December 1999 to	January 2000 to
		and	February 2000	February 2000
		February 2001	and	and
			December 2000 to	January 2001 to
			February 2001	February 2001
Index of the physical volume of mining production				
Gold	77,0	-13,0%	-8,7%	-9,2
Non-gold minerals	103,1	+2,7%	+3,4%	+4,4
Total	92,0	-3,6%	-1,2%	-0,8

Seasonally adjusted	February	% change	% change
estimates	2001	January 2001	between
		and	September 2000 to
		February 2001	November 2000

			and
			December 2000 to
			February 2001
Index of the physical volume of mining production			
Gold	78,5	-1,4%	-2,1%
Non-gold minerals	107,2	-4,6%	+0,8%
Total	95,0	-3,5%	-0,2%

Key findings regarding mining production as at the end of February 2001

Mining production decreases

The total mining production for the three months ended February 2001, after seasonal adjustment, reflected a decrease of 0,2% compared with the previous three months.

The decrease of 0,2% after seasonal adjustment in the total mining production was due to a seasonally adjusted decrease of 2,1% in the production of gold during the three months ended February 2001 compared with the three months ended November 2000. However, this decrease was partially counteracted by a seasonally adjusted increase of 0,8% in the production of non-gold minerals during the same period. The major contributors to the seasonally adjusted increase of 0,8% in the production of non-gold minerals were diamonds, iron and 'other' non-metallic minerals mines.

Key figures regarding mineral sales as January 2001

Actual estimates		% change	% change
	January	between	between
	2001	January 2000	November 1999 to
		and	January 2000
	R million	January 2001	And
			November 2000 to
			January 2001
Mineral sales			
Gold	2 067,0	+17,0%	-1,4%
Non-gold minerals	7 180,0	+60,4%	+50,2%
Total	9 247,0	+48,1%	+34,4 %

Seasonally adjusted		% change	% change
Estimate	January	between	between
	2001	December 2000	August 2000 to
	R million	and	October 2000
		January 2001	and
			November 2000 to
			January 2001
Mineral sales			
Gold	2 187,4	+8,4%	+1,4%
Non-gold minerals	7 138,7	-1,6%	+17,8%
Total	9 326,1	+0,6%	+13,6%

Key findings regarding mineral sales as at the end of January 2001

Mineral sales increase

The seasonally adjusted value of mineral sales at current prices for the three months ended January 2001 reflected an increase of 13,6% compared with the previous three months. The increase was mainly due to increases of 17,8% and 1,4% in non-gold minerals and gold sales, respectively. Furthermore, the actual value of mineral sales for the three months ended January 2001 reflected an increase of 34,4% compared with the three months ended January 2000.

The increase of 17,8% in the seasonally adjusted value of non-gold mineral sales for the three months ended January 2001 compared with the previous three months can mainly be attributed to increases of 46,7% (+R187,3 million) in the sales of copper, 23,0% (+R70,9 million) in the sales of manganese and 18,2% (+R142,3 million) in the sales of iron.

The 34,4% increase in the actual value of mineral sales at current prices for the three months ended January 2001 can mainly be attributed to an increase of 50,2% (+R7 367,3 million) in non-gold mineral sales. However, this was partially counteracted by a decrease of 1,4% (-R92,6 million) in the sales of gold. The increase of 50,2% in non-gold mineral sales at current prices was mainly due to increases of 87,0% (+R3 957,3 million) in sales of platinum, 63,5% (+R1 459,5 million) in sales of "other" non-metallic minerals and 23,4% (+R1 086,7 million) in sales of coal

Table A - Contribution by the different mining divisions to total mineral sales

	Percentage contribution to mineral sales	Quarterly percentage change between	Contribution (percentage points) to the	Difference in total mineral sales between
	during	November 1999 to	percentage	November 1999 to
Mining division	November 1999 to January 2000	January 2000	change in the sales 1/	January 2000
		and		and

		November 2000 to		November 2000 to
		January 2001		January 2001
				R million
Gold	30,7	-1,4	-0,4	-92,6
Non-gold minerals				
Iron ore	2,8	61,1	1,7	357,3
Copper	1,9	47,8	0,9	194,9
Manganese ore	1,2	52,5	0,6	118,8
Chromium	1,2	2,7	0,0	6,9
Platinum	21,5	87,0	18,7	3 957,3
Nickel	1,9	19,1	0,4	77,2
Other metallic minerals	3,5	0,7	0,0	5,0
Coal	22,0	23,4	5,1	1 086,7
Building materials	2,5	19,3	0,5	103,7
Other non-metallic	10,8	63,5	6,9	1 459,5
Total non-gold minerals	69,3	50,2	34,8	7 367,3
Total minerals	100,0	34,4	34,4	7 274,7

/ The contribution is calculated by multiplying the percentage change of each mineral with the percentage contribution of the corresponding mineral.

Notes				
Forthcoming issues	Issue	Expected date of publication		
	March 2001	8 May 2001		
	April 2001	12 June 2001		
	May 2001	10 July 2001		
	June 2001	7 August 2001		

	July 2001	11 September 2001	
	August 2001	9 October 2001	
	September 2001	6 November 2001	
	October 2001	11 December 2001	
	November 2001	8 January 2001	
	December 2001	12 February 2001	
Purpose of the survey	The monthly mining production and sales survey is a country-wide sample survey covering a sample of mining establishments operating in the South African economy. The results of this survey are used to calculate physical volume of mining production indices in order to estimate the gross domestic product (GDP) and its components, which in turn are used to develop and monitor Government policy.		

Additiona	l info	rmation
Explanatory no	otes	
Introduction	1	Statistics South Africa (Stats SA) publishes monthly information regarding the mining industry covering a sample of mining establishments (branches). This statistical release contains detailed information regarding indices of the physical volume of mining production and the total value of mineral sales according to mining divisions and major groups on a monthly basis.
	2	Data shown in the tables are compiled by Statistics South Africa (Stats SA) on the basis of mining production figures and mineral sales furnished by the Minerals Bureau, Department of Minerals and Energy.
	3	Due to mining production figures being available earlier than mineral sales figures, mining production indices are published one month earlier than mineral sales.
	4	The value of mineral sales is calculated, in general, on a free-on-rail/free-on-board basis.

	5	In order to improve timeliness, some information for the current month may have been estimated due to late response. These estimates will be revised in future statistical release(s) as soon more up-to-date information is available.
Scope of the survey	6	This survey covers mining establishments conducting activities regarding -
		 the extracting, dressing and beneficiating of minerals occurring naturally, for example
		solids such as coal and ores.
Classification	7	The 1993 edition of the Standard Industrial Classification of all Economic Activities (SIC), Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 International Standard Industrial Classification of all Economic Activities (ISIC) with suitable adaptations for local conditions. Statistics in this publication are presented at SIC division, major group and subgroup level. Each statistical unit is classified to an industry which reflects the predominant activity of the establishment (branch).
Statistical unit	8	The basic statistical unit for the collection of information is the mining establishment. An establishment is the smallest economic unit that functions as a separate entity. Each statistical unit is classified to an industry (cf. paragraph 7).
Weighting	9	The weights which are used to aggregate minerals to mineral groups and mineral groups to total mining, are based on the value of production derived from detailed information for 1995 supplied by the Minerals Bureau, Department of Minerals and Energy.
Rebasing	10	In accordance with international practice, the indices have to be rebased every five years to a new base year. The indices in this statistical release have been calculated on the basis of 1995=100. The first results on this basis were published in May 1998. Both actual and seasonally adjusted figures are presented.
Seasonal adjustment	11	Seasonally adjusted estimates of all items are generated each month, using the X-11 Seasonal Adjustment Program developed by US Bureau of the Census Economic Research and Analyses Division, 1968. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove irregular or non-seasonal influences which may be present in any particular month.

		Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variations. This means the month-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.
Reliability of estimates	12	Estimates are subject to sampling and non-sampling errors. Figures for the latest month are preliminary.
Related publications	13	Users may also wish to refer to the following publications which are available from Stats SA - Bulletin of Statistics. SA Statistics.
Unpublished statistics	14	In some cases Stats SA can also make available statistics which are not published. The statistics can be made available via: computer printouts or diskette or CD. Generally a charge is made for providing unpublished statistics.
Rounding-off of figures	15	The figures in the tables have, where necessary, been rounded off to the nearest digit shown. There may, therefore, be slight discrepancies between the sums of the constituent items and the totals shown.

Glossary	
Enterprise	An enterprise (firm) is a legal entity consisting of one or more establishments (branches). The establishments need not necessarily all be mining establishments, but some may be classifiable as other industries of the economy, such as manufacturing, wholesale trade, retail trade, motor trade and construction.
Establishment	An establishment is defined as an enterprise, or part of an enterprise, that is situated at a single location and in which only a single (non-ancillary) productive activity is carried out or in which the principal productive activity accounts for most of the value added.
Free-on-rail	Free-on-rail relates to goods sold on the local market where no railage or road transport costs are involved.
Free-on-board basis	Free-on-board relates to goods destined for the export market. Railage, road

	transport and docking charges are involved but no charges are made for the transport by sea.
Index of physical volume of mining production	The index of physical volume of mining production or a production index is a statistical measure of the change in the volume of production. The production index of a major group is the ratio between the volume of production of a major group in a given period and the volume of production of the same major group in the base period. The current base period is 1995. The production in the base period is set at 100.
Industry	An industry consists of a group of establishments engaged in the same or similar kinds of economic activity. Industries are defined in the System of National Accounts (SNA) in the same way as in the Standard Industrial Classification (SIC) of all Economic Activities, Fifth Edition of January 1993.
Sales	Sales are the total value of sales and transfers-out of goods mined by the mining establishments and the amounts received for installation, erection or assembly or other services rendered.
Weight	The weight of a major group is the ratio of the production of a major group to the total production of the mining industry. The weight of a major group reflects the importance of the major group in the total mining industry. The weights change over time due to quality changes and changes in relative prices. New weights need to be calculated from time to time.

Table 1 - Index of the physical volume of mining production including gold (Base 1995=100)

Month	1995	1996	1997	1998	1999*	2000*	2001
				Actual indices	3		
J	95,0	96,0	93,6	95,0	88,8	89,7	91,7
F	99,3	98,3	98,8	97,3	95,0	95,4	92,0
M	101,1	99,1	97,6	99,5	100,5	96,7	
A	95,9	93,3	96,7	95,7	92,3	91,6	
M	96,2	97,6	101,9	96,1	100,2	91,9	
J	105,1	100,8	105,7	104,3	99,5	101,0	
J	100,2	98,6	100,6	97,6	98,3	93,8	
A	104,4	99,5	103,1	99,8	94,4	98,2	
S	104,6	98,8	102,6	99,9	100,3	99,8	
0	98,9	98,7	100,6	104,7	100,1	97,0	
N	100,1	100,3	104,4	102,5	102,8	101,3	
D	99,2	98,9	98,6	99,0	96,8	94,8	
Year	100,0	98,3	100,4	99,3	97,4	95,9	
			 S	Seasonally adju	usted indices		
J	99,2	101,0	99,3	101,5	95,0	96,1	98,4
F	100,1	99,6	100,5	99,7	97,6	98,3	95,0
М	100,0	97,8	96,3	98,3	99,5	95,9	
A	99,0	96,9	100,6	99,5	96,1	95,2	
M	97,1	98,3	102,7	96,9	101,6	93,0	
J	103,2	98,6	102,8	101,0	95,8	97,2	
J	100,0	98,6	100,8	97,7	98,9	94,3	
A	101,5	97,0	100,9	97,9	93,1	96,8	
S	101,4	95,7	99,4	97,1	97,6	97,6	
0	98,1	97,7	99,0	102,5	97,6	94,3	
N	97,6	97,7	101,2	99,2	99,1	97,4	
D	101,5	100,4	99,4	99,2	96,6	95,3	

Table 2 - Index of the physical volume of mining production excluding gold (Base 1995=100)

Month	1995	1996	1997	1998	1999*	2000*	2001
 				Actual indices			
 Ј	94,2	1996	99,8	100,4	96,3	100,0	106,2
F	97,0	97,0	103,3	103,8	102,1	100,4	103,1
M	98,9	100,1	97,7	107,8	104,7	103,8	
A	95,4	95,3	101,8	104,7	97,3	99,8	
M	99,1	100,0	107,0	105,6	111,7	103,1	
J	108,1	104,9	114,4	113,0	107,1	112,1	
J	100,1	103,6	107,5	105,5	110,1	105,5	
A	105,4	102,3	107,7	106,4	103,3	108,1	
S	106,1	104,0	104,7	105,8	107,1	110,3	
0	96,9	101,5	105,6	117,6	111,3	109,0	
N	100,2	102,1	106,0	111,1	114,7	115,5	
D	98,8	99,7	100,4	102,4	103,4	104,8	
l							
Year	100,0	100,7	104,7	107,0	105,8	106,0	

 J	 97,1	102,1	104,3	105,4	101,3	105,5	 112,4	
F	98,5	99,0	105,7	107,0	105,7	104,4	107,2	
M	98,2	99,1	96,8	107,2	104,7	104,0		
A	98,0	98,3	105,2	108,5	101,3	103,6		
M	99,2	99,6	106,4	104,8	111,6	102,6		
j J	104,8	101,4	110,4	108,7	102,6	107,5		
j J	98,5	102,1	106,0	103,8	108,8	104,2		
A	101,7	99,5	105,8	105,1	102,7	107,6		
s	103,1	101,4	102,6	104,4	106,2	109,9		
0	96,7	100,5	103,3	114,0	107,1	104,4		
N	98,3	100,0	103,2	107,7	110,5	110,8		
D	104,8	104,9	104,5	105,5	105,6	108,2		

^{*} Revised

Table 3 - Indices of physical volume of mining production according to major divisions, major groups and minerals (Base 1995=100)

 Minerals	 Weights		Actual	indices	Seasonally adjusted indices			
MINELAIS	Weights			2001		2001		2000
		2000	Feb.	Jan. *	Feb.	Feb.	Jan.	Feb.
 Total, gold included	100,0	95,9	92,0	91,7	95,4	95,0	98,4	98,3
Total, gold excluded	57,5	106,0	103,1	106,2	100,4	107,2	112,4	104,4
 Gold	42,5	82,3	77,0	72,2	88,5	78,5	79,6	90,2
Iron ore	3,0	105,1	101,9	112,3	96,6	109,6	109,2	103,6
Chrome	1,1	130,2	102,9	107,3	122,9	114,7	122,4	136,0
Copper	3,1	84,1	89,0	98,3	68,3	99,5	115,5	74,0
Manganese ore	1,3	120,4	124,6	110,5	117,8	122,1	117,9	114,7
Platinum	11,9	112,9	109,0	110,8	114,3	115,1	119,1	120,9
Nickel	1,5	122,9	102,1	100,6	107,5	113,6	116,9	119,5
Other metallic minerals	2,4	102,4	96,7	90,6	98,5	100,5	93,5	102,4
 Diamonds	4,4	107,7	124,9	127,9	107,5	118,2	130,7	102,0
Coal	23,2	106,0	102,4	107,4	100,6	105,7	111,2	103,8
Building materials	3,5	91,6	67,3	78,4	71,3	72,7	92,6	75,3
Other non-metallic minerals	2,1	93,3	108,1	90,6	81,7	111,8	91,5	84,1

^{1/} Preliminary
* Revised

Table 4 - Total value of mineral sales including gold (R million)

^{1/} Preliminary

Month	1995	1996	1997	1998	1999*	2000*	2001
				Actual values	5		
J	4 669,3	5 165,8	6 447,8	6 426,5		6 244,0	9 247,0
F	4 234,9	4 604,1	5 159,4	5 924,3	5 766,7	7 105,0	
M			4 936,6		6 448,1	8 941,3	
A		5 380,9	5 576,8	5 662,1		7 508,5	
M	4 705,1	5 345,4	5 309,0	5 433,1		8 202,3	
J	4 525,3	4 994,7	5 445,9	6 017,2	6 372,5	8 183,1	
J	4 777,9		5 780,2	6 669,1		7 626,5	
A	4 667,3		5 546,2	6 318,5		8 146,0	
S			5 568,2	6 066,8		8 609,4	
0			6 026,2	6 454,7		8 270,0	
N	4 538,9		5 130,7			9 763,9	
D	3 805,3	4 868,1	5 386,8	6 356,9	7 362,0	9 441,1	
Year	55 200,0	63 104,8	66 313,8	72 636,1	76 387,0	98 041,1	
				Seasonally ad	justed values		
J	4 475,9	4 997,1	6 212,7	6 081,9	6 064,4	6 289,4	9 326,1
F	4 568,9	4 894,2	5 378,0	5 963,4	5 934,6	7 266,9	
M	4 692,4	5 000,4	4 912,2	5 513,5	6 383,6	9 016,6	
A	4 431,5	5 414,0	5 620,2	6 526,1	5 835,1	7 567,2	
M	4 699,1	5 365,7	5 367,1	5 559,6	5 843,7	8 442,5	
J	4 638,0	5 081,7	5 498,4	5 964,5	6 310,1	8 018,9	
J	4 409,2	5 423,4	5 545,4	6 419,6	5 781,8	7 311,2	
A	4 526,8		5 442,0	6 233,3		8 124,5	
S	4 817,2	5 079,1	5 622,8	6 098,7		8 593,0	
0	4 945,5	5 832,9	5 681,0	6 278,0		8 427,8	
N	4 836,1	5 416,6	5 331,1	5 875,6	7 704,8	9 966,0	
D	4 141,2	5 156,8	5 561,4	6 398,1	7 289,7	9 274,8	

Table 5 - Total value of mineral sales excluding gold (R million)

Month	1995 	1996	1997	1998	1999*	2000*	2001
				Actual values	5		
J	2 613,0	2 764,4	3 394,4	4 586,7	4 011,6	4 476,8	7 180,0
F	2 454,1	2 612,9	3 280,4	4 187,7	3 804,8	4 953,1	
M	2 678,6	3 031,3	3 172,6	3 713,2	3 941,7	6 671,2	
A	2 391,9	2 828,6	3 441,4	3 779,7	3 792,4	5 778,9	
M	2 716,7	3 078,6	3 245,0	3 677,1	3 812,5	6 152,5	
J	2 751,4	3 104,0	3 663,5	4 121,5	4 394,5	5 869,1	
J	2 728,2	3 229,8	3 429,1	4 285,6	4 046,3	5 686,7	
A	2 577,6	3 066,3	3 555,0	4 122,2	4 927,8	5 815,8	
S	2 695,9	3 088,6	3 573,9	3 857,5	4 498,7	6 520,1	
0	2 824,7	3 539,0	3 566,4	4 183,8	3 975,0	5 999,4	
N	2 819,7	3 131,0	3 332,1	3 . 13 / 3	5 036,5		
D	2 615,0	3 148,0	3 583,0	4 106,8	5 154,8	7 389,1	
Year	31 866,8	36 622,5	41 236,8	48 341,3	51 396,6	72 779,0	
				Seasonally ad	justed values		
J	 2 552,3	2 706,3	3 224,8	4 227,6	3 934,9	4 434,6	7 138,7
F	2 500,8	2 632,7	3 304,4	4 087,2	3 845,9	4 991,4	
M	2 632,0	2 986,3		3 664,8	3 886,1	6 777,1	
A	2 429,5	2 885,0	3 479,2	4 607,5	3 853,2	5 745,4	
M	2 700,5	3 073,1	3 246,9	3 723,0	3 851,9	6 246,8	
J	2 607,7	2 956,7	3 549,4	3 948,7	4 258,9	5 657,2	
J	2 630,4	3 147,4	3 430,9	4 255,0	4 015,8	5 529,0	
A	2 533,5	3 037,0	3 514,8	4 098,4	4 849,1	5 851,2	
S	2 701,9	3 071,3	3 651,7	3 916,6	4 764,2	6 544,5	
0	2 804,4	3 526,3	3 539,0	4 262,7	4 116,9	6 327,8	
N	2 966,7	3 266,8	3 420,9	3 757,6	5 140,2	7 660,8	
D	2 851,5	3 347,8	3 715,5	4 142,5	5 103,5	7 257,4	

Table 6 - Total value of mineral sales according to major divisions, major groups and minerals (R million)

^{*} Revised 1/ Preliminary

	Actual value Seasonally adjusted va						ed value
Minerals	2000	200	1	2000	200	2000	
	2000	Jan.	Dec. *	Jan.	 Jan.	Dec.	Jan.
Total, gold included Total, gold excluded	,		•		9 326,1 7 138,7		
Gold Iron ore Chrome Copper Manganese ore Platinum Nickel Other metallic minerals	3 039,1 1 072,4 1 573,6 1 232,2 27 110,7 1 994,3	352,0 77,1 190,2 118,0 3 009,4	278,0 104,4 184,7 107,2 2 870,8 151,8	193,5 77,4 89,2 59,5 1 576,8 149,6	2 187,4 344,1 79,5 211,4 118,0 2 959,2 170,2 282,9	290,3 93,4 184,9 115,5 2 818,0 164,3	189,1 79,6 98,1 60,3 1 556,2 160,4
Coal Building materials - Granite or norite - Lime and limestone - Other building materials Other non-metallic minerals	2 536,7 677,1 790,1 1 069,3	199,3 45,9	192,6 59,7 60,1 72,8	171,2 45,7 59,1 66,3	74,2 71,8 100,6	232,6 58,5	214,4 73,3 60,6 80,5

^{1/} Preliminary

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