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STATISTICAL RELEASE
P2041

Mining: Production and sales (Preliminary)

April 2022

The results in the next publication (May 2022) will be presented with 2019 as the new reference year (Base: 2019=100) and updated with weights based on national accounts value added data for 2017–2019. Currently, the total mining production index has 2015 as the reference year (Base: 2015=100) and the weights are calculated based on national accounts value added data for 2016–2018.

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May 2022

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Contents

Production: results for April 2022

Table A – Key growth rates in the volume of mining production

	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22
Year-on-year % change, unadjusted	6,1	-1,2	1,8	-5,8	-7,5	-14,9
Month-on-month % change, seasonally adjusted	-2,2	-4,5	5,6	-5,8	3,2	-4,3
3-month % change, seasonally adjusted [1]	-1,3	-3,6	-3,5	-4,0	-1,4	-3,2

[1] Percentage change between the previous three months and the three months ending in the month indicated.

Mining production decreased by 14,9% year-on-year in April 2022. The largest negative contributors were:

- PGMs (-22,6% and contributing -5,8 percentage points);
- coal (-14,7% and contributing -3,8 percentage points);
- gold (-27,8% and contributing -3,6 percentage points); and
- manganese ore (-10,4% and contributing -1,1 percentage points) – see Tables 6 and 7.

Seasonally adjusted mining production decreased by 4,3% in April 2022 compared with March 2022. This followed month-on-month changes of 3,2% in March 2022 and -5,8% in February 2022.

Table B – Seasonally adjusted index of the volume of mining production for the latest three months by mineral group and mineral (Base: 2015=100)

Mineral group and mineral	Weight	Nov 2021 – Jan 2022	Feb – Apr 2022	% change between Nov 2021 – Jan 2022 and Feb – Apr 2022	Contribution (% points) to the % change in total mining production
Gold	18,93	67,1	60,5	-9,8	-1,3
Iron ore	10,22	92,3	86,6	-6,2	-0,6
Chromium ore	3,21	113,5	115,9	2,1	0,1
Copper [1]	0,94	29,7	30,4	2,4	0,0
Manganese ore	5,55	176,9	167,7	-5,2	-0,5
PGMs	22,68	100,7	92,3	-8,3	-2,0
Nickel [1]	1,23	53,8	45,0	-16,4	-0,1
Other metallic minerals [1]	2,05	115,2	131,5	14,1	0,4
Diamonds [1]	3,49	130,7	131,4	0,5	0,0
Coal	27,56	89,2	92,3	3,5	0,9
Building materials	3,35	93,8	94,2	0,4	0,0
Other non-metallic minerals	0,80	102,9	106,7	3,7	0,0
Total	**100,00**	**94,8**	**91,8**	**-3,2**	**-3,2**

[1] Unadjusted. See notes 4, 5 and 6 on page 11.

Seasonally adjusted mining production decreased by 3,2% in the three months ended April 2022 compared with the previous three months. The largest negative contributors were:

- PGMs (-8,3% and contributing -2,0 percentage points); and
- gold (-9,8% and contributing -1,3 percentage points) – see Table B.

Figure 1 – Volume of mining production (Base: 2015=100)

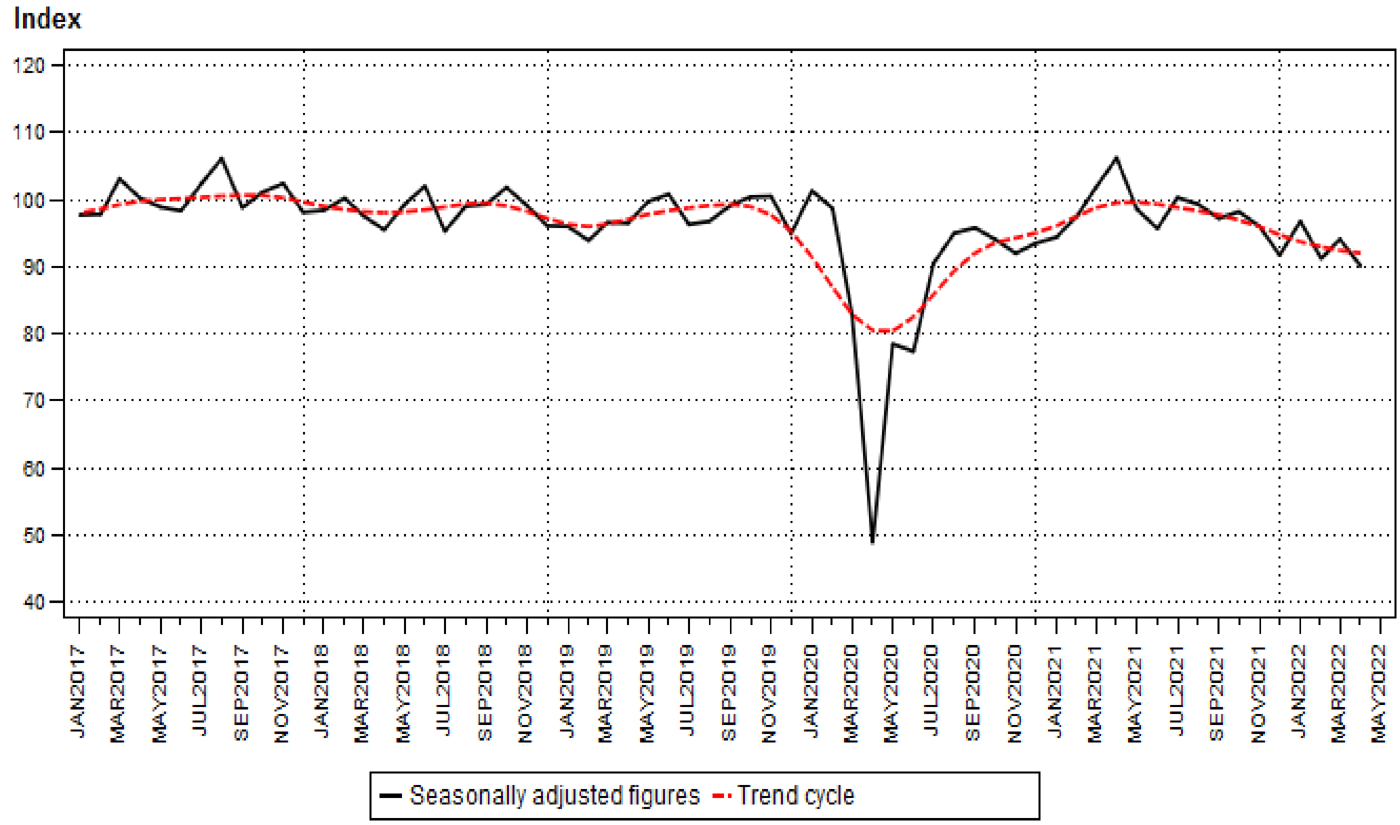
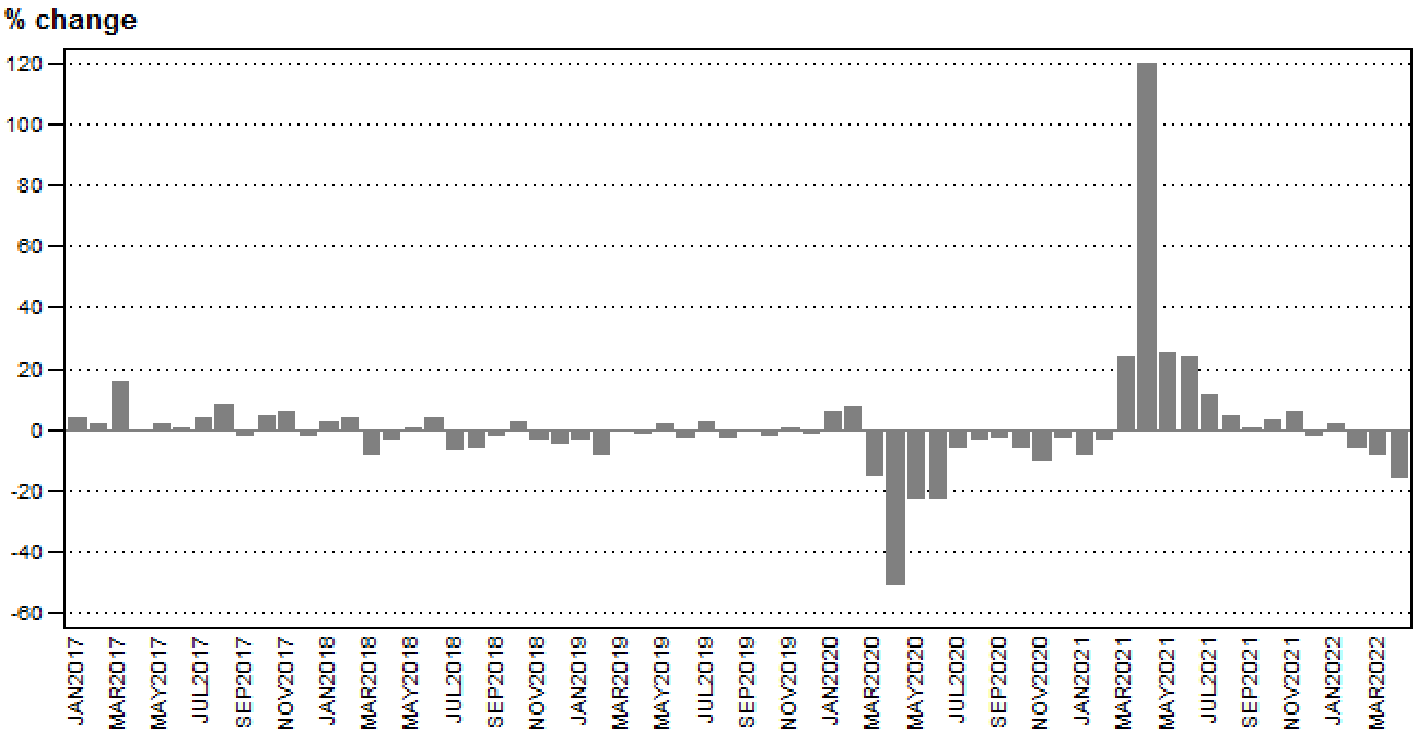


Figure 2 – Volume of mining production (Base: 2015=100): year-on-year percentage change



Sales: results for April 2022

Table C – Key growth rates in mineral sales at current prices

	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22
Year-on-year % change, unadjusted	24,3	12,0	-7,2	8,1	6,7	-0,8
Month-on-month % change, seasonally adjusted	5,5	-5,2	-2,7	11,1	8,6	-1,8
3-month % change, seasonally adjusted [1]	-13,0	-4,6	-0,7	2,4	5,7	12,6

[1] Percentage change between the previous three months and the three months ending in the month indicated.

Mineral sales at current prices decreased by 0,8% year-on-year in April 2022. The largest negative contributors were:

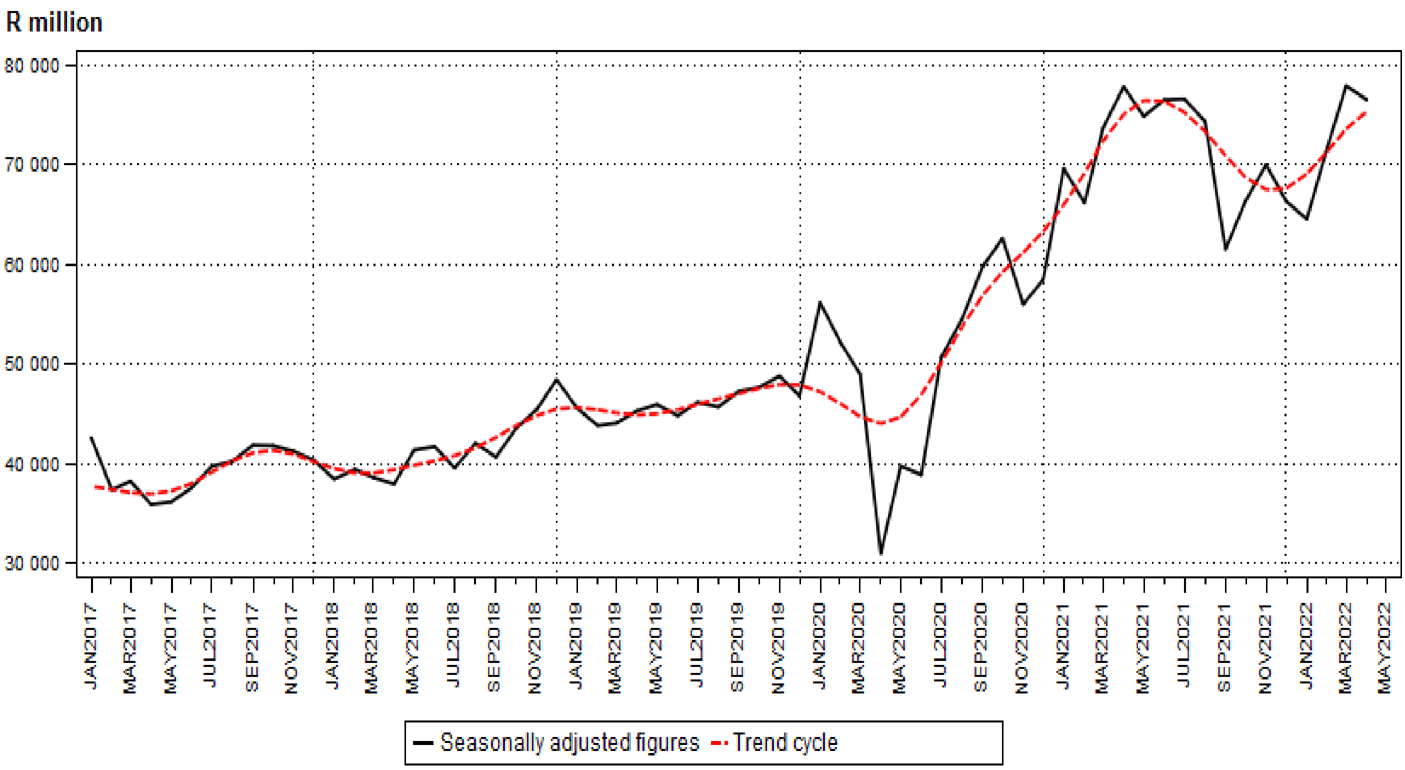
- PGMs (-24,2% and contributing -11,9 percentage points); and
- iron ore (-19,9% and contributing -2,9 percentage points).

Coal (76,8% and contributing 11,2 percentage points) was a significant positive contributor – see Tables 12 and 13.

Seasonally adjusted mineral sales at current prices decreased by 1,8% in April 2022 compared with March 2022. This followed month-on-month changes of 8,6% in March 2022 and 11,1% in February 2022.

In the three months ended April 2022 the seasonally adjusted value of mineral sales at current prices was 12,6% higher compared with the previous three months.

Figure 3 – Total value of mineral sales at current prices



Risenga Maluleke
Statistician-General

Tables

Table 1 – Index of the volume of mining production (Base: 2015=100)

Month	2016	2017	2018	2019	2020	2021 [1]	2022 [1]
Jan	81,9	85,2	87,3	84,5	89,7	82,7	84,2
Feb	83,0	84,8	88,1	81,5	87,4	84,9	80,0
Mar	90,7	105,0	97,0	97,0	82,7	102,4	94,7
Apr	94,3	94,3	91,4	90,9	45,4	99,9	85,0
May	99,9	101,6	102,4	104,0	81,0	101,6	
Jun	105,3	106,2	110,7	107,9	83,9	103,9	
Jul	99,7	103,4	97,0	99,8	93,9	104,5	
Aug	103,8	112,4	106,0	103,7	100,4	105,4	
Sep	105,5	104,0	102,6	102,6	100,3	101,2	
Oct	99,2	104,1	106,8	105,4	99,5	102,6	
Nov	100,2	106,4	103,2	104,1	93,9	99,6	
Dec	97,7	96,2	92,0	91,2	89,4	88,3	
Year	**96,8**	**100,3**	**98,7**	**97,7**	**87,3**	**98,1**	

[1] Preliminary.

Table 2 – Year-on-year percentage change in the volume of mining production

Month	2017	2018	2019	2020	2021	2022	*2022 year-to-date*
Jan	4,0	2,5	-3,2	6,2	-7,8	1,8	*1,8*
Feb	2,2	3,9	-7,5	7,2	-2,9	-5,8	*-2,0*
Mar	15,8	-7,6	0,0	-14,7	23,8	-7,5	*-4,1*
Apr	0,0	-3,1	-0,5	-50,1	120,0	-14,9	*-7,0*
May	1,7	0,8	1,6	-22,1	25,4		
Jun	0,9	4,2	-2,5	-22,2	23,8		
Jul	3,7	-6,2	2,9	-5,9	11,3		
Aug	8,3	-5,7	-2,2	-3,2	5,0		
Sep	-1,4	-1,3	0,0	-2,2	0,9		
Oct	4,9	2,6	-1,3	-5,6	3,1		
Nov	6,2	-3,0	0,9	-9,8	6,1		
Dec	-1,5	-4,4	-0,9	-2,0	-1,2		
Year	**3,6**	**-1,6**	**-1,0**	**-10,6**	**12,4**		

Table 3 – Seasonally adjusted volume of total mining production

Month	Index (Base:2015=100)				Month-on-month % change			
	2019	2020	2021	2022	2019	2020	2021	2022
Jan	96,0	101,3	94,4	96,8	-0,1	6,7	1,0	5,6
Feb	93,9	98,7	97,6	91,2	-2,2	-2,6	3,4	-5,8
Mar	96,6	83,0	101,8	94,1	2,9	-15,9	4,3	3,2
Apr	96,5	49,0	106,2	90,1	-0,1	-41,0	4,3	-4,3
May	99,7	78,5	98,6		3,3	60,2	-7,2	
Jun	100,8	77,4	95,7		1,1	-1,4	-2,9	
Jul	96,3	90,5	100,3		-4,5	16,9	4,8	
Aug	96,8	95,0	99,3		0,5	5,0	-1,0	
Sep	99,1	95,8	97,2		2,4	0,8	-2,1	
Oct	100,4	94,1	98,2		1,3	-1,8	1,0	
Nov	100,5	92,0	96,0		0,1	-2,2	-2,2	
Dec	94,9	93,5	91,7		-5,6	1,6	-4,5	

Table 4 – Index of the volume of mining production by mineral group and mineral (Base: 2015=100) [1]

Mineral group and mineral	Weight	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22
Gold	18,93	75,8	63,9	55,0	58,7	58,3	49,6
Iron ore	10,22	91,4	105,5	81,2	67,0	91,1	89,5
Chromium ore	3,21	112,5	92,3	103,0	115,3	124,3	101,7
Copper	0,94	31,3	32,2	25,7	26,9	30,3	33,9
Manganese ore	5,55	156,6	142,4	171,0	156,6	143,3	177,2
PGMs	22,68	114,9	105,6	84,0	63,1	97,8	87,4
Nickel	1,23	56,4	51,4	53,7	34,5	50,0	50,4
Other metallic minerals	2,05	116,2	114,1	115,4	101,1	141,7	151,7
Diamonds	3,49	135,6	127,9	128,6	122,6	158,3	113,2
Coal	27,56	91,5	71,6	82,3	88,8	97,4	79,3
Building materials	3,35	103,1	73,3	72,7	92,4	94,9	85,2
Other non-metallic minerals	0,80	102,0	91,1	97,5	100,8	107,6	103,6
Total	**100,00**	**99,6**	**88,3**	**84,2**	**80,0**	**94,7**	**85,0**

[1] All index values in this table are preliminary. Annual averages and annual percentage changes are available on the following link: Annual data

Table 5 – Seasonally adjusted index of the volume of mining production by mineral group and mineral (Base: 2015=100)

Mineral group and mineral	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Month-on-month % change
Gold	71,6	64,3	65,4	63,1	61,3	57,1	-6,9
Iron ore	95,0	92,8	89,1	73,5	91,1	95,2	4,5
Chromium ore	106,9	110,6	123,0	120,7	125,8	101,2	-19,6
Copper [1]	31,3	32,2	25,7	26,9	30,3	33,9	11,9
Manganese ore	158,0	158,4	214,4	174,4	157,8	171,0	8,4
PGMs	105,5	98,2	98,3	89,2	94,6	93,0	-1,7
Nickel [1]	56,4	51,4	53,7	34,5	50,0	50,4	0,8
Other metallic minerals [1]	116,2	114,1	115,4	101,1	141,7	151,7	7,1
Diamonds [1]	135,6	127,9	128,6	122,6	158,3	113,2	-28,5
Coal	89,4	86,1	92,2	97,6	93,2	86,2	-7,5
Building materials	91,6	95,2	94,6	96,5	93,2	92,8	-0,4
Other non-metallic minerals	100,9	102,7	105,2	108,7	100,6	110,7	10,0
Total	**96,0**	**91,7**	**96,8**	**91,2**	**94,1**	**90,1**	**-4,3**

[1] Unadjusted. See notes 4, 5 and 6 on page 11.

Table 6 – Year-on-year percentage change in the volume of mining production by mineral group and mineral

Mineral group and mineral	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22
Gold	-0,7	-15,3	7,2	-9,3	-25,7	-27,8
Iron ore	11,6	-7,7	-13,0	-29,8	-11,9	0,0
Chromium ore	-3,8	-1,9	8,8	6,8	10,0	-17,9
Copper	-13,8	-19,3	-36,2	-14,9	-37,4	-12,6
Manganese ore	-4,2	-14,9	20,4	-2,2	-17,8	-10,4
PGMs	38,1	24,4	1,2	-16,5	-8,3	-22,6
Nickel	-12,8	-13,6	-24,2	-30,9	-17,1	-19,2
Other metallic minerals	-16,6	-15,0	-13,8	-5,2	3,1	23,2
Diamonds	3,4	25,0	14,6	21,5	45,0	-1,1
Coal	-3,8	-5,3	1,0	6,0	-2,4	-14,7
Building materials	-7,5	-14,1	-7,2	5,2	-3,9	-7,7
Other non-metallic minerals	-4,1	-2,4	5,4	4,9	-0,2	6,1
Total	**6,1**	**-1,2**	**1,8**	**-5,8**	**-7,5**	**-14,9**

Table 7 – Contribution of each mineral group and mineral to the year-on-year percentage change in the volume of mining production (percentage points)

Mineral group and mineral	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22
Gold	-0,1	-2,4	0,8	-1,3	-3,7	-3,6
Iron ore	1,0	-1,0	-1,5	-3,4	-1,2	0,0
Chromium ore	-0,2	-0,1	0,3	0,3	0,4	-0,7
Copper	-0,1	-0,1	-0,2	-0,1	-0,2	0,0
Manganese ore	-0,4	-1,5	1,9	-0,2	-1,7	-1,1
PGMs	7,7	5,3	0,3	-3,3	-2,0	-5,8
Nickel	-0,1	-0,1	-0,3	-0,2	-0,1	-0,1
Other metallic minerals	-0,5	-0,5	-0,5	-0,1	0,1	0,6
Diamonds	0,2	1,0	0,7	0,9	1,7	0,0
Coal	-1,1	-1,2	0,3	1,6	-0,6	-3,8
Building materials	-0,3	-0,4	-0,2	0,2	-0,1	-0,2
Other non-metallic minerals	0,0	0,0	0,0	0,0	0,0	0,0
Total	**6,1**	**-1,2**	**1,8**	**-5,8**	**-7,5**	**-14,9**

Table 8 – Mineral sales at current prices (R million)

Month	2016	2017	2018	2019	2020	2021 [1]	2022 [1]
Jan	25 021,7	37 903,7	34 420,4	41 061,7	50 847,3	63 083,5	58 557,0
Feb	30 250,9	33 691,7	34 892,7	38 234,7	44 902,9	56 815,0	61 413,4
Mar	35 051,0	39 473,2	39 778,5	45 618,9	51 188,0	77 751,7	82 981,7
Apr	36 202,7	34 917,1	37 039,5	44 522,3	30 850,9	78 337,6	77 691,2
May	36 489,3	36 288,4	41 684,6	46 448,1	40 231,3	75 763,8	
Jun	43 040,2	40 672,0	45 024,3	48 280,9	41 759,0	81 938,9	
Jul	33 169,6	37 150,3	37 118,1	43 602,8	48 391,9	73 545,0	
Aug	36 902,6	40 890,3	43 022,2	47 035,1	56 255,4	76 877,5	
Sep	47 602,2	44 264,9	43 017,4	49 922,9	63 096,9	64 885,3	
Oct	35 817,0	43 966,4	45 802,3	50 032,2	65 419,2	69 049,0	
Nov	36 800,3	42 104,9	46 680,3	50 217,3	57 546,1	71 552,3	
Dec	41 242,0	42 562,3	50 020,5	47 267,7	57 706,0	64 658,0	
Total	**437 589,5**	**473 885,2**	**498 500,8**	**552 244,6**	**608 194,9**	**854 257,6**	

[1] Preliminary.

Table 9 – Year-on-year percentage change in mineral sales at current prices

Month	2017	2018	2019	2020	2021	2022	*2022 year-to-date*
Jan	51,5	-9,2	19,3	23,8	24,1	-7,2	*-7,2*
Feb	11,4	3,6	9,6	17,4	26,5	8,1	*0,1*
Mar	12,6	0,8	14,7	12,2	51,9	6,7	*2,7*
Apr	-3,6	6,1	20,2	-30,7	153,9	-0,8	*1,7*
May	-0,6	14,9	11,4	-13,4	88,3		
Jun	-5,5	10,7	7,2	-13,5	96,2		
Jul	12,0	-0,1	17,5	11,0	52,0		
Aug	10,8	5,2	9,3	19,6	36,7		
Sep	-7,0	-2,8	16,1	26,4	2,8		
Oct	22,8	4,2	9,2	30,8	5,5		
Nov	14,4	10,9	7,6	14,6	24,3		
Dec	3,2	17,5	-5,5	22,1	12,0		
Total	**8,3**	**5,2**	**10,8**	**10,1**	**40,5**		

Table 10 – Seasonally adjusted total mineral sales at current prices

Month	R million				Month-on-month % change			
	2019	2020	2021	2022	2019	2020	2021	2022
Jan	45 601,0	56 209,5	69 660,7	64 583,4	-5,9	20,0	19,1	-2,7
Feb	43 875,3	52 149,1	66 220,0	71 776,2	-3,8	-7,2	-4,9	11,1
Mar	44 127,4	49 030,1	73 737,9	77 957,4	0,6	-6,0	11,4	8,6
Apr	45 347,1	31 042,7	77 872,2	76 562,7	2,8	-36,7	5,6	-1,8
May	45 989,2	39 798,3	74 893,6		1,4	28,2	-3,8	
Jun	44 864,8	38 934,2	76 560,8		-2,4	-2,2	2,2	
Jul	46 214,1	50 748,5	76 647,7		3,0	30,3	0,1	
Aug	45 746,5	54 549,0	74 401,3		-1,0	7,5	-2,9	
Sep	47 303,9	59 814,1	61 558,9		3,4	9,7	-17,3	
Oct	47 697,4	62 650,3	66 403,7		0,8	4,7	7,9	
Nov	48 835,3	56 035,2	70 045,1		2,4	-10,6	5,5	
Dec	46 854,0	58 510,9	66 375,0		-4,1	4,4	-5,2	

Table 11 – Mineral sales at current prices by mineral group and mineral (R million) [1]

Mineral group and mineral	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22
Gold	10 977,5	6 286,8	6 720,8	3 457,5	8 639,5	6 208,3
Iron ore	6 687,1	7 431,8	7 620,7	8 316,1	8 608,5	9 141,2
Chromium ore	1 770,7	2 062,0	2 224,7	1 740,5	2 867,1	2 841,0
Copper	214,9	196,3	275,0	135,7	241,5	54,8
Manganese ore	2 737,7	3 637,5	3 668,7	3 599,4	3 375,5	3 835,4
PGMs	27 047,8	23 691,0	18 908,5	21 185,5	30 127,5	29 291,1
Nickel	1 044,5	980,4	869,5	587,7	1 475,7	318,7
Other metallic minerals	1 605,3	1 589,7	1 717,5	1 383,5	2 376,3	1 536,8
Coal	15 522,2	14 625,2	13 959,7	16 989,6	21 877,5	20 111,9
Building materials	1 087,2	896,6	838,4	1 037,7	1 061,5	968,0
Other non-metallic minerals	2 857,4	3 260,7	1 753,4	2 980,2	2 331,0	3 384,2
Total	**71 552,3**	**64 658,0**	**58 557,0**	**61 413,4**	**82 981,7**	**77 691,2**

[1] All values in this table are preliminary.

Table 12 – Year-on-year percentage change in mineral sales at current prices by mineral group and mineral

Mineral group and mineral	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22
Gold	59,7	-25,8	-48,4	-45,0	-11,3	-10,6
Iron ore	-15,3	-31,0	-27,1	-15,8	-26,1	-19,9
Chromium ore	3,0	-3,2	39,1	-2,7	58,6	39,4
Copper	43,9	-23,6	66,7	-34,3	-2,0	-80,3
Manganese ore	-21,5	25,0	72,7	8,6	0,4	35,6
PGMs	34,4	34,4	-15,1	5,1	-5,7	-24,2
Nickel	30,9	-10,9	38,8	-50,7	103,0	-38,1
Other metallic minerals	0,6	7,0	9,3	11,9	9,9	12,3
Coal	41,8	41,9	59,1	66,0	83,4	76,8
Building materials	-9,6	-12,6	5,9	18,2	-0,8	4,9
Other non-metallic minerals	3,9	101,8	5,0	82,5	-25,0	68,0
Total	**24,3**	**12,0**	**-7,2**	**8,1**	**6,7**	**-0,8**

Table 13 – Contribution of each mineral group and mineral to the year-on-year percentage change in mineral sales at current prices (percentage points)

Mineral group and mineral	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22
Gold	7,1	-3,8	-10,0	-5,0	-1,4	-0,9
Iron ore	-2,1	-5,8	-4,5	-2,7	-3,9	-2,9
Chromium ore	0,1	-0,1	1,0	-0,1	1,4	1,0
Copper	0,1	-0,1	0,2	-0,1	0,0	-0,3
Manganese ore	-1,3	1,3	2,4	0,5	0,0	1,3
PGMs	12,0	10,5	-5,3	1,8	-2,3	-11,9
Nickel	0,4	-0,2	0,4	-1,1	1,0	-0,3
Other metallic minerals	0,0	0,2	0,2	0,3	0,3	0,2
Coal	7,9	7,5	8,2	11,9	12,8	11,2
Building materials	-0,2	-0,2	0,1	0,3	0,0	0,1
Other non-metallic minerals	0,2	2,9	0,1	2,4	-1,0	1,7
Total	**24,3**	**12,0**	**-7,2**	**8,1**	**6,7**	**-0,8**

Survey information

Introduction

1 Statistics South Africa (Stats SA) publishes monthly mining production indices and mineral sales based on the information furnished by the Department of Mineral Resources and Energy (DMRE). Data in this release are presented by mineral group and mineral.

2 In accordance with international practice, the indices are usually re-based every five years to a new base year. The current base year of the index of the volume of mining production is 2015=100. Both actual and seasonally adjusted figures are presented.

3 The value of mineral sales is calculated, in general, on a free-on-rail/free-on-board basis.

4 In order to improve timeliness, some information for the current month had to be estimated due to late response. These estimates will be revised in future statistical release(s) as soon as more up-to-date information is available.

Purpose of the survey

5 The monthly mining production and sales survey is conducted by the DMRE, covering all mining establishments operating in the South African economy. The results of this survey are used to calculate the 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.

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. Each statistical unit is classified to an industry which reflects the predominant activity of the establishment. Statistics in this publication are presented by mineral group and mineral.

Statistical unit

8 The statistical unit for the collection of information is the mining establishment. An establishment is the smallest economic unit that functions as a separate entity.

Rounding-off of figures

9 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.

Historical data and past publications

10 Historical mining data and past publications are available on the Stats SA website. Click on the following link (Time series data) or (Past publications) to access the data and releases electronically. Annual averages and annual percentage changes are available on the following link: Annual data

Technical notes

Index of the volume of mining production	**1**	The index of the volume of mining production, also known as the production index, is a statistical measure of the change in the volume of production. The production index of a mineral group is the ratio between the volume of production of a mineral group in a given period and the volume of production of the same mineral group in the base period. The current base period is 2015. The production in the base period is set at 100.
Index weighting	**2**	The weight of a mineral group is the ratio of its value added to the total value added of the mining industry. The weight of a mineral group reflects the importance of the mineral group in the total mining industry. The weights change over time due to quality improvements and changes in relative prices. New weights will be calculated annually.
	3	The weights, which are used to aggregate minerals to mineral groups and mineral groups to total mining, are derived from national accounts value added data. The latest weights (implemented in the October 2021 publication) are based on an average of value added data for the years 2016, 2017 and 2018. These weights are applicable from January 2018.
Seasonal adjustment	**4**	Seasonally adjusted estimates are generated each month using the X-12-ARIMA Seasonal Adjustment Program developed by the United States Census Bureau. 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 recognised more clearly. Seasonal adjustment does not aim to remove irregular or non-seasonal influences which may be present in any particular month.
	5	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. The X-12-ARIMA procedure for mining production and sales is described in more detail on the Stats SA website at: Click to download seasonal adjustment for mining production and sales February 2022
Calendar effects	**6**	These are effects due to calendar variations. Such calendar effects include the number of working/trading days in a week, moving holidays such as Easter and the length of month (some months have more days than others).
Trend cycle	**7**	The trend is the long-term pattern or movement of a time series. The X-12-ARIMA Seasonal Adjustment Program is used for smoothing seasonally adjusted estimates to estimate the underlying trend cycle.
Reliability of estimates	**8**	Figures for the latest 2 calendar years are preliminary.
Month-on-month percentage change	**9**	The month-on-month percentage change in a variable for any given month is the change between that month and the previous month, expressed as a percentage of the latter.
Year-on-year percentage change	**10**	The year-on-year percentage change in a variable for any given period is the change between that period and the corresponding period of the previous year, expressed as a percentage of the latter.
Index contribution (percentage points)	**11**	The contribution (percentage points) of a mineral group or mineral to the percentage change in the total mining production for a given period is calculated by multiplying the difference in the index for each mineral group or mineral by the weight of the mineral group or mineral and then dividing by the previous period's total index.

Sales contribution (percentage points) **12** The contribution (percentage points) to the percentage change in total sales for a given period is calculated by multiplying the percentage change of each mineral group or mineral with its percentage contribution to total mineral sales of the previous period, divided by 100.

Glossary

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 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 transport by sea.

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 of all Economic Activities* (SIC), Fifth Edition of January 1993.

PGMs – Platinum group metals Platinum group metals include platinum, iridium, osmiridium, palladium, rhodium, ruthenium and osmium.

Sales Sales are the total value of sales of primary minerals at the first point of saleability by the mining establishment.

Symbols and abbreviations

DMRE	Department of Mineral Resources and Energy
GDP	Gross domestic product
ISIC	International Standard Industrial Classification
PGMs	Platinum group metals
SIC	Standard Industrial Classification of all Economic Activities
SNA	System of National Accounts
Stats SA	Statistics South Africa
*	Revised

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General information

Stats SA publishes approximately 300 different statistical releases each year. It is not economically viable to produce them in more than one of South Africa's eleven official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English only.

Advance release calendar

An advance release calendar is disseminated on www.statssa.gov.za

Stats SA products

A complete set of Stats SA publications is available at the Stats SA Library and the following libraries:

National Library of South Africa, Pretoria Division
National Library of South Africa, Cape Town Division
Natal Society Library, Pietermaritzburg
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Johannesburg Public Library
Eastern Cape Library Services, Qonce
Central Regional Library, Polokwane
Central Reference Library, Mbombela
Central Reference Collection, Kimberley
Central Reference Library, Mmabatho

Stats SA also provides a subscription service.

Electronic services

A large range of data is available via online services. For more detail about our electronic services, contact Stats SA's user information service.

You can visit us on the internet at: www.statssa.gov.za

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