

# Statistical release P2041

# Mining: Production and sales (Preliminary)

December 2006

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**Enquiries** 

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Table A - Selected key figures regarding mining production for December 2006

Annual estimates	December 2006	% change between December 2005 and December 2006	% change between October 2005 to December 2005 and October 2006 to December 2006	% change between January 2005 to December 2005 and January 2006 to December 2006
Index of the physical volume of mining production (2000=100)				
Gold	62,0	-12,4%	-9,3%	-7,7%
Non-gold minerals	138,1	15,1%	9,2%	0,2%
Total	118,6	10,5%	6,2%	-1,1%

adjusted estimates	
Index of the physical volume of mining production (2000=100)	
Gold	
Non-gold minerals	

Shorter term seasonally

December 2006	% change between November 2006 and December 2006	% change between July 2006 to September 2006 and October 2006 to December 2006	% change between January 2005 to December 2005 and January 2006 to December 2006
61,3	0,3%	-1,9%	-7,7%
136,8	-1,2%	6,7%	0,1%
117,4	-0,9%	5,5%	-1,1%

# Key findings regarding mining production as at the end of December 2006

## Mining production for 2006 decreases

Total

Mining production including gold for 2006 reflected a decrease of 1,1% compared with 2005. This is the only annual decrease since 2000.

However, total mining production for the three months ended December 2006, after seasonal adjustment, increased by 5,5% compared with the previous three months. The increase of 5,5% is higher than the decrease of 2,0% reported for the same period in 2005. The increase of 5,5% in the seasonally adjusted total mining production for the three months ended December 2006, compared with the previous three months was due to an increase of 6,7% in the production of non-gold minerals. The major contributor to the seasonal adjusted increase of 6,7% in the total production of non-gold minerals during the three months ended December 2006 compared with the previous three months was mainly due to the increase in the production of the Platinum Group Metals (PGM's) (+3,1 percentage points) (see Table 4).

Furthermore, the actual total mining production for the three months ended December 2006 increased by 6,2% compared with the three months ended December 2005 (see Table A).

Gold production decreased by 12,4% for the period December 2006 compared to December 2005. However, gold production after seasonal adjustment increased by 0,3% for the period December 2006 compared to November 2006.

Figure 1 shows the seasonally adjusted figures and trend series for the index of mining production between January 2002 and December 2006. The trend series has been rising since the beginning of 2002 until November of the same year and started to decline until March 2003 but it had a slight increase until December 2003 and levelled off until October 2004. It started to increase in November 2004 up to April 2005 but declined until January 2006. Since February 2006 the trend has been increasing until now.

Figure 1 - Indices of physical volume of total mining production including gold (Month on month)

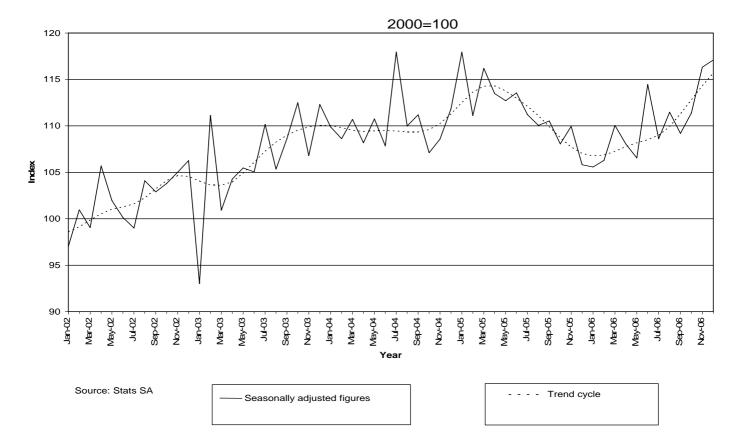


Table B - Selected key figures regarding mineral sales for November 2006

Annual estimates	November 2006 R million	% change between November 2005 and November 2006	% change between September 2005 to November 2005 and September 2006 to November 2006
Mineral sales			
Gold	3 140,4	55,7%	78,5%
Non-gold minerals	15 633,2	49,8%	46,2%
Total	18 773,6	50,8%	51,3%

Shorter term seasonally adjusted estimates	November 2006 R million	% change between October 2006 and November 2006	% change between June 2006 to August 2006 and September 2006 to November 2006
Mineral sales			
Gold	3 387,1	-2,7%	5,3%
Non-gold minerals	16 025,0	6,9%	11,0%
Total	19 412,1	5,1%	9,9%

# Key findings regarding mineral sales as at the end of November 2006

#### Mineral sales increase

The seasonally adjusted value of mineral sales at current prices for the three months ended November 2006 reflected an increase of 9,9% compared with the previous three months. The increase of 9,9% is higher than the increase of 2,0% reported for the same period in 2005. Furthermore, the actual value of mineral sales at current prices for the three months ended November 2006 increased by 51,3% compared with the three months ended November 2005 (see Table B).

Total mineral sales remained above R17 000 million for the sixth consecutive month in November 2006 and increased by 50,8% compared with November 2005 to reach R18 7773,6 million.

The increase of 9,9% in the seasonally adjusted value of mineral sales for the three months ended November 2006 compared with the previous three months can be attributed to an increase of 11,0% (+R4 550,1 million) in the sales of non-gold minerals and 5,3% (+R537,8 million) in the sales of gold (see Table 16).

The major contributors to the increase of 51,3% in the actual value of mineral sales at current prices for the three months ended November 2006 compared with the three months ended November 2005 were PGM's (+25,0 percentage points or +R9 516,5 million), gold (+12,5 percentage points or +R4 738,4 million), nickel (+5,3 percentage points or +R2 033,0 million), coal (+2,5 percentage points or +R969,6 million) and copper (+2,2 percentage points or +R840,7 million) (see Table 8).

Figure 2 shows the seasonally adjusted figures and trend series of total value of mineral sales between January 2002 and November 2006. Since January 2002 the trend series increased until August 2002 where after it decreased until May 2003. The trend levelled off from June 2003 until January 2004 and since February 2004 the trend cycle was still increasing.

Figure 2 - Total value of mineral sales

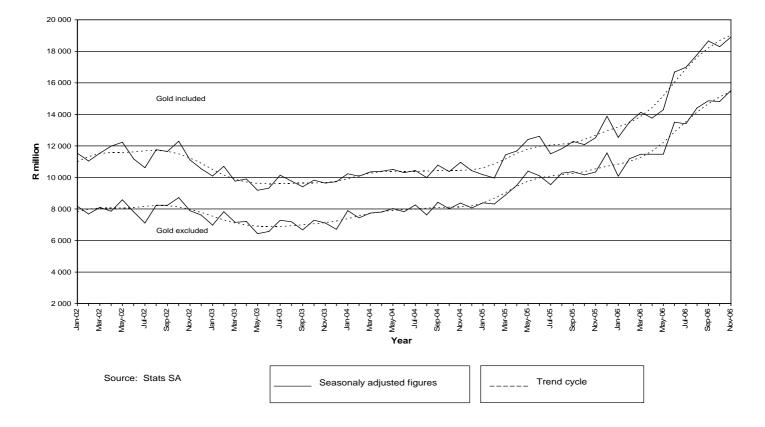
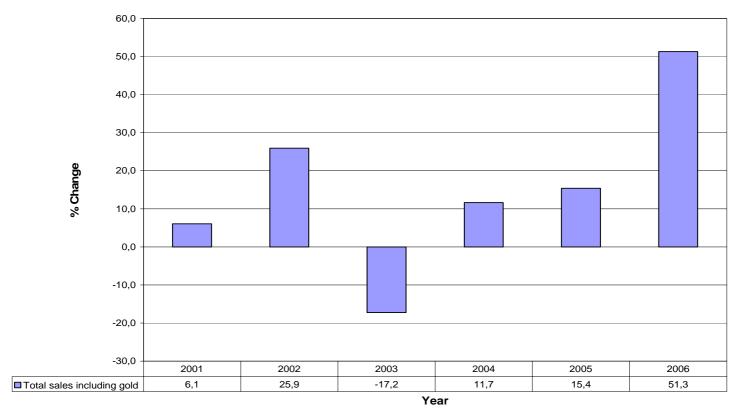


Figure 3 shows the growth in the total value of mineral sales, including gold, for the three months ended November compared with the same period a year ago for the last six years. The three month growth of 51,3% for the three months ended November 2006 compared to the three months ended November 2005 is the highest for the past six years.

Figure 3 - Comparison of the last six years for the total value of mineral sales, including gold, for the three months ended November compared with the three months ended November of the previous year.



PJ Lehohla Statistician-General

Table 1 - Index of the physical volume of mining production including gold (Base 2000=100)

Month	2000	2001	2002	2003	2004	2005	2006
				Actual indice	s		
J	93,8	95,0	89,0	85,1	100,7	107,9	96,8
F	99,3	96,8	94,2	101,7	97,8	98,6	93,6
M	100,0	102,3	99,1	101,8	112,9	119,9	114,3
A	95,0	98,9	102,0	101,0	105,0	110,2	104,8
M	95,7	103,6	102,9	107,1	113,0	115,2	109,0
J	106,8	108,4	104,1	108,6	111,1	116,8	117,7
J	96,9	93,5	99,0	110,7	119,5	113,1	110,6
A	102,1	115,2	107,2	109,1	114,3	114,8	116,4
s	104,9	98,4	108,1	114,6	117,4	116,7	115,2
0	100,0	105,1	106,7	114,5	108,2	108,2	110,9*
N	105,5	102,6	107,5	108,6	110,1	111,4	117,7*
D	100,2	97,2	107,0	113,5	113,3	107,4	1/ 118,6
Year	100,0	101,4	102,2	106,4	110,3	111,7	110,5
				Seasonally adj	usted indice	:s	
J	102,8	104,7	97,3	92,8	109,8	117,9	105,5
F	103,7	102,1	101,0	111,7	108,5	109,9	104,5
M	99,8	102,5	99,2	101,5	111,5	116,8	110,9
A	98,7	102,6	106,0	104,5	108,7	114,0	108,6
M	95,6	103,2	102,0	105,7	110,9	113,1	106,8
J	102,0	103,5	99,8	104,1	106,4	111,6	112,3
J	97,0	93,1	97,9	109,0	117,3	110,7	108,2
A	100,0	112,4	104,0	105,4	110,1	110,0	111,4
s	103,4	96,2	104,9	110,1	112,0	110,9	109,6
0	96,2	101,2	103,4	112,3	106,7	107,9	111,3
N	101,7	99,7	105,5	107,4	109,4	111,1	118,5
D	99,3	95,1	104,8	111,4	111,7	106,0	117,4

Table 2 - Index of the physical volume of mining production excluding gold (Base 2000=100)

Month	2000	2001	2002	2003	2004	2005	2006			
Actual indices										
 Ј	94,4	98,3	89,6	85,7	110,0	121,6	110,1			
F	96,4	98,6	95,8	107,3	104,0	108,7	104,0			
M	97,9	104,4	101,0	106,2	123,6	136,2	130,9			
A	94,1	102,2	105,3	106,3	115,0	127,0	119,1			
M	96,6	108,9	107,0	114,7	124,9	131,3	126,1			
J	107,5	112,5	107,3	116,4	121,1	132,3	135,8			
J	97,6	93,7	102,4	118,8	133,1	129,2	127,6			
A	101,7	124,5	111,2	116,3	125,5	132,2	134,2			
S	105,1	99,7	111,4	122,9	130,0	132,4	131,8			
0	100,6	110,2	111,9	124,2	119,7	122,3	127,7*			
N	107,4	106,8	113,3	116,2	121,3	126,2	136,7*			
D	100,8	97,7	111,2	123,3	127,0	120,0	1/ 138,1			
Year	100,0	104,8	105,6	113,2	121,3	126,6	126,8			
				Seasonally adj	usted indice	3				
 Ј	103,2	108,2	97,8	93,1	119,8	132,6	119,6			
F	101,4	104,8	103,9	119,8	117,5	123,1	117,9			
М	98,5	105,4	101,8	106,3	122,1	132,4	126,6			
A	97,9	106,2	109,6	110,0	119,0	131,3	123,2			
M	95,1	107,2	104,9	112,0	121,4	128,0	122,7			
J	102,3	107,1	102,6	111,3	115,7	126,2	129,3			
J	96,7	92,3	100,3	116,2	129,9	125,8	124,1			
A	100,1	121,8	108,0	112,4	120,8	126,6	128,3			
S	105,1	98,6	108,9	118,7	124,4	126,2	125,6			
0	95,6	105,0	107,7	121,2	117,8	122,1	128,3			
N	103,0	103,4	111,1	115,1	121,0	126,5	138,4			
D İ	101,0	96,0	109,3	121,2	125,3	118,6	136,8			

<sup>1/</sup> Preliminary

<sup>\*</sup> Revised

Table 3 – Indices of physical volume of mining production according to mining divisions, mineral groups and minerals (Base 2000=100)

	      Weights		Actual	indices		Seasonally adjusted   indices		
Minerals	Weights	2006	200	2006		200	)6	2005
		2000	  1/Dec.	Nov. *	Dec.	Dec.	Nov.	Dec.
Total, gold included	100,0	110,5	118,6	117,7	107,4	117,4	118,5	106,0
Total, gold excluded	74,3	126,8	138,1	136,7	120,0	136,8	138,4	118,6
  Gold	25,7	63,2	62,0	62,8	70,8	61,3	61,1	69,7
Iron ore	3,1	121,9	122,8	130,0	116,8	123,0	132,3	117,0
Chrome	1,1	108,6	118,8	126,8	79,6	127,9	122,6	85,8
Copper	1,6	80,7	86,4	87,2	73,6	85,6	88,8	72,4
Manganese ore	1,3	143,0	145,2	152,8	140,0	138,3	156,3	133,7
PGM's	27,6	148,2	174,4	168,8	148,0	159,7	179,2	134,5
Nickel	2,0	113,7	115,6	118,0	104,8	112,7	113,8	102,5
Other metallic minerals	2,9	92,3	86,8	84,4	88,4	88,0	86,3	88,9
  Diamonds	8,3	142,5	174,4	133,6	118,0	183,3	128,6	124,2
Coal	20,0	109,2	103,2	118,4	100,0	112,4	113,6	109,5
Building materials	2,6	131,6	129,2	142,4	96,8	154,6	132,5	115,9
Other non-metallic minerals	3,8	84,4	72,8	77,2	102,4	69,5	76,7	98,3

<sup>1/</sup> Preliminary

Table 4 - Contribution of the mining divisions to the total mining production (Base 2000=100)

Mining division	Percentage contribution to the total mining production using the weights according to the value of production in the base year	Average seasonally adjusted production index for October 2006 to December 2006	Quarterly percentage change October 2006 to December 2006 compared with the preceding three months	Contribution (percentage points) to the percentage change in the total mining production 1/
Gold	25,7	61,5	-1,9	-0,5
Non-gold minerals				
Iron ore	3,1	122,9	-3,5	-0,1
Chromium	1,1	123,2	10,5	0,1
Copper	1,6	85,5	-2,6	0,0
Manganese ore	1,3	150,3	2,8	0,0
PGM's	27,6	163,5	11,1	3,1
Nickel	2,0	116,7	5,1	0,1
Other metallic minerals	2,9	88,8	-3,4	-0,1
Diamonds	8,3	149,9	8,9	0,7
Coal	20,0	113,0	4,5	0,9
Building materials	2,6	142,5	6,1	0,2
Other non-metallic				
minerals	3,8	72,2	-13,4	-0,5
Total non-gold minerals	74,3	134,5	6,7	5,0
Total minerals	100	115,7	5,5	5,5

<sup>1/</sup> The contribution is calculated by multiplying the quarterly percentage change of each mining division with its corresponding weight in the base year, divided by 100.

<sup>\*</sup> Revised

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

Month	2000	2001	2002	:	2003	2	2004	:	2005	:	2006
				Actual	l value	:S					
 Ј	   6 244,1	9 241	,5 11 387,0	9	868,8	9	820,5	9	587,4	11	750,3
F	7 115,7	9 711	,7 10 634,4	10	236,5	9	576,1	9	383,8	12	668,8
M	8 958,5	8 134	,9 11 639,2	9	829,3	10	396,0	11	477,1	14	161,8
A	7 521,3	8 554	,2 11 194,9	9	294,1	9	789,3	11	034,0	13	023,0
M	8 222,7	9 675	,9 12 145,3	9	104,1	10	373,3	12	239,8	14	031,7
J	8 222,5	10 640	,7 11 637,2	9	745,9	10	856,0	13	360,1	17	811,6
J	7 640,3	10 146	,3 10 779,9	10	403,7	10	844,2	12	001,8	17	686,3
A	8 223,4	9 586	,4 11 633,5	9	612,0	9	841,7	11	687,6	17	495,4*
S	8 568,9	8 711	,5 12 115,1	. 10	008,1	11	693,2	13	524,1	20	699,4*
0	8 317,6	9 999	,6 12 514,2	9	989,4	10	466,3	12	074,8	18	091,9*
N	9 828,5	9 627	,7 11 059,4	. 9	535,8	10	815,6	12	452,1	1/ 18	773,6
D	9 474,9	11 327	,7 10 764,4	. 9	899,2	10	585,6	13	991,6		
Year	98 338,4	115 358	,1 137 504,5	117	526,9	125	057,8	142	814,2		
				Seasona	ally ad	ljusted	values				
J	   6 162,2	9 147	,5 11 389,2	9	875,3	9	965,6	10	023,6	12	146,6
F	7 185,6	9 840	,6 10 850,3	10	489,7	9	930,5	9	880,9	13	411,6
M	9 450,8	8 126	,7 11 684,3	9	939,9	10	504,5	11	490,3	14	239,3
A	7 761,7	8 958	,5 11 877,6	9	824,6	10	358,2	11	642,1	13	854,9
M	8 269,7	9 711	,3 12 132,6	9	115,5	10	469,5	12	330,7	14	298,3
J	7 937,3	10 309	,4 11 165,1	. 9	309,2	10	345,8	12	656,0	16	736,2
J	7 505,7	10 299			544,6		920,7	11	865,5		050,2
A	8 269,6	9 606			738,1		930,9	11	804,9	17	798,8
S	8 552,8	8 576	,		487,9		860,2		397,4		796,7
0	8 356,3	9 894			876,6		358,1		067,0		464,3
N	9 977,8	9 786			770,2		006,9		595,4	19	412,1
D	9 046,9	10 866	,7 10 371,2	9	627,2	10	282,1	13	547,3		

Table 6 - Total value of mineral sales excluding gold (R million)

Month	2000	2001	2002	2003	2004	2005*	2006
				Actual values	3		
J	4 476,9	7 181,9	8 002,3	6 744,1	7 480,6	7 809,6	9 311,1
F	4 963,8	7 720,8	7 368,2	7 452,6	7 039,8	7 813,9	10 457,5
M	6 688,4	5 912,0	8 110,9	7 140,7	7 710,4	8 840,3	11 385,0
A	5 790,2	6 748,0	7 481,9	6 815,2	7 366,5	8 963,2	10 830,6
M	6 166,9	7 139,7	8 619,3	6 477,2	8 029,3	10 372,9	11 430,0
J	5 908,5	8 245,9	8 035,5	6 759,5	8 107,4	10 562,0	14 219,0
J	5 700,6	7 779,6	7 344,7	7 613,1	8 699,0	10 082,3	14 185,6
A	5 892,6	6 942,5	8 065,2	7 052,7	7 546,9	10 210,5	14 308,6*
S	6 479,6	6 219,3	8 562,1	7 092,3	9 114,1	11 390,1	16 446,1*
0	6 047,1	6 971,4	8 711,8	7 345,5	8 089,0	10 186,0	14 707,1*
N	7 529,4	6 953,1	7 981,8	7 154,9	8 406,4	10 435,0	1/ 15 633,2
D	7 422,4	8 532,3	7 834,8	6 825,9	8 138,7	11 547,2	
Year	73 066,4	86 346,5	96 118,5	84 473,7	95 728,1	118 213,0	
				Seasonally ad:	justed values		
J	4 406,4	7 104,1	8 023,4	6 760,9	7 627,7	8 240,3	9 683,7
F	4 936,1	7 787,7	7 489,3	7 614,1	7 286,0	8 232,4	11 084,0
M	7 239,1	5 966,2	8 253,4	7 329,4	7 900,3	8 949,2	11 579,3
A	5 845,5	6 933,6	7 747,2	7 122,8	7 776,2	9 465,0	11 567,4
M	6 122,0	7 076,0	8 479,4	6 369,8	7 985,6	10 322,9	11 478,3
J	5 667,8	8 025,5	7 805,7	6 568,8	7 863,2	10 160,1	13 557,8
J	5 605,0	7 917,8	7 236,5	7 686,8	8 734,2	9 909,9	13 475,6
A	6 012,9	7 037,6	8 211,8	7 158,8	7 558,9	10 251,7	14 426,9
S	6 498,1	6 151,2	8 434,3	6 750,7	8 499,7	10 482,0	15 001,1
0	6 269,5	7 083,1	8 705,2	7 337,2	8 004,5	10 150,2	14 984,3
N	7 610,0	7 020,1	8 106,7	7 246,2	8 426,0	10 422,6	16 025,0
D	6 972,1	8 040,2	7 434,7	6 601,6	7 922,9	11 224,0	

<sup>1/</sup> Preliminary \* Revised

Table 7 - Total value of mineral sales according to mining divisions, mineral groups and minerals (R million)

	Actual value				Seasonally adjusted value									
Minerals	2005		 	200	6	   	2	005		200	16	 	20	005
	20	J 5	1/ 1	Nov.	0	ct. *	N	ov.	No	ov.	0	ct.	No	ov.
Total, gold included	!	814,2		773,6					!					595,4
Total, gold excluded	118	213,0	15	633,2	14	707,1	10	435,0	16	025,0	14	984,3	10	422,6
Gold	24	601,2	3	140,4	3	384,8	2	017,1	3	387,1	. 3	480,0	2	172,8
Iron ore	7	519,6	1	159,3		762,6		761,6	1	119,5	,	803,4		734,0
Chrome	1	898,3		208,2		210,8		163,6		197,9	)	195,9		155,2
Copper	2	583,3		594,0		506,9		260,5		568,5	)	483,6		247,2
Manganese ore	2	200,8		122,8		256,5		220,7		122,1	-	269,8		221,7
PGM's		448,8		658,3		765,2		186,7	7	243,7	6	334,4	3	444,7
Nickel	3	923,1		940,2		945,2		198,5	1	143,9	1	023,6		235,6
Other metallic minerals	4	009,9		487,1		610,0		414,0		419,9	)	473,4		362,9
  Coal	35	609,5	3	639,0	3	434,3	3	339,3	3	522,7	3	388,1	3	262,5
Building materials	4	316,6		488,1		490,1		411,9	İ	453,1		463,3		382,0
- Granite or norite	ĺ	410,1		35,2		35,8		36,7		28,9	)	40,2		29,6
- Lime and limestone	1	313,0		140,1		137,0		120,1		136,0	)	133,2		116,4
- Other building materials	2	593,4		312,9		317,3		255,1		288,2	2	289,9		236,0
Other non-metallic minerals	17	705,1	1	336,2	1	725,5	1	478,2	1	233,7	1	548,8	1	376,8

<sup>1/</sup> Preliminary

Table 8 - Contribution of the mining divisions to the total value of mineral sales

Mining division	Percentage contribution to total mineral sales during September 2005 to November 2005	Percentage change between September 2005 to November 2005 and September 2006 to November 2006	Contribution (percentage points) to the percentage change in the total value of mineral sales	Difference in sales of mining divisions between September 2005 to November 2005 and September 2006 to November 2006
				R million
Gold	15,9	78,5	12,5	4 738,4
Non-gold minerals				
Iron ore	5,7	27,9	1,6	611,0
Chromium	1,3	23,0	0,3	113,9
Copper	1,9	114,9	2,2	840,7
Manganese ore	1,3	12,5	0,2	63,0
PGM's	27,3	91,7	25,0	9 516,5
Nickel	2,3	234,7	5,3	2 033,0
Other metallic				
minerals	3,1	41,7	1,3	493,7
Coal	25,2	10,1	2,5	969,6
Building materials	3,1	24,6	0,8	290,0
Other non-metallic	46.5			, <b></b>
minerals	12,9	-3,2	-0,4	-155,9
Total non-gold minerals	84,1	46,2	38,8	14 775,3
Total minerals	100,0	51,3	51,3	19 513,9

<sup>1/</sup> The contribution to the percentage change in sales is calculated by multiplying the quarterly percentage change of each mineral with the percentage contribution to total mineral sales during September 2005 to November 2005, divided by 100.

<sup>\*</sup> Revised

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Table 9 - Percentage change in indices of mining production between the current month and the corresponding month of the previous year

	Actual estimates December 2005	Actual estimates December 2006	% change between December 2005 and December 2006	Difference between December 2005 and December 2006
Gold	70,8	62,0	-12,4%	-8,8
Non-gold minerals	120,0	138,1	15,1%	18,1
Total	107,4	118,6	10,5%	11,2

Table 10 - Percentage change in indices of mining production between the current quarter and the corresponding quarter of the previous year

	Actual estimates October 2005 to December 2005	Actual estimates October 2006 to December 2006	% change between October 2005 to December 2005 and October 2006 to December 2006	Difference between October 2005 to December 2005 and October 2006 to December 2006
Gold	206,4	187,2	-9,3%	-19,2
Non-gold minerals	368,5	402,5	9,2%	34,0
Total	327,0	347,2	6,2%	20,2

Table 11 - Percentage change in the seasonally adjusted indices of mining production between the current month and the previous month

	Actual estimates November 2006	Actual estimates December 2006	% change between November 2006 and December 2006	Difference between November 2006 and December 2006
Gold	61,1	61,3	0,3%	0,2
Non-gold minerals	138,4	136,8	-1,2%	-1,6
Total	118,5	117,4	-0,9%	-1,1

Table 12 - Percentage change in seasonally adjusted indices of mining production between the current quarter and the previous quarter

	Actual estimates July 2006 to September 2006	Actual estimates October 2006 to December 2006	% change between July 2006 to September 2006 and October 2006 to December 2006	Difference between July 2006 to September 2006 and October 2006 to December 2006
Gold	188,0	184,5	-1,9%	-3,5
Non-gold minerals	378,0	403,5	6,7%	25,5
Total	329,2	347,2	5,5%	18,0

Table 13 - Percentage change in actual value of mineral sales between the current month and the corresponding month of the previous year

	Actual estimates November 2005 R million	Actual estimates November 2006 R million	% change between November 2005 and November 2006	Difference between November 2005 and November 2006
Gold	2 017,1	3 140,4	55,7%	1 123,3
Non-gold minerals	10 435,0	15 633,2	49,8%	5 198,2
Total	12 452,1	18 773,6	50,8%	6 321,5

Table 14 - Percentage change in actual value of mineral sales between the current quarter and the corresponding quarter of the previous year

	Actual estimates September 2005 to November 2005 R million	Actual estimates September 2006 to November 2006 R million	% change between September 2005 to November 2005 and September 2006 to November 2006	Difference between September 2005 to November 2005 and September 2006 to November 2006
Gold	6 040,0	10 778,4	78,5%	4 738,4
Non-gold minerals	32 011,1	46 786,4	46,2%	14 775,3
Total	38 051,0	57 564,9	51,3%	19 513,9

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Table 15 - Percentage change in seasonally adjusted value of mineral sales between the current month and the previous month

	Actual seasonal adjusted estimates October 2006 R million	Actual seasonal adjusted estimates November 2006 R million	% change between October 2006 and November 2006	Difference between October 2006 and November 2006
Gold	3 480,0	3 387,1	-2,7%	-92,9
Non-gold minerals	14 984,3	16 025,0	6,9%	1 040,7
Total	18 464,3	19 412,1	5,1%	947,8

Table 16 - Percentage change in seasonally adjusted value of mineral sales between the current quarter and the previous quarter

	Actual seasonal adjusted estimates June 2006 to August 2006 R million	Actual seasonal adjusted estimates September 2006 to November 2006	% change between June 2006 to August 2006 and September 2006 to November 2006	Difference between June 2006 to August 2006 and September 2006 to November 2006
		R million		
Gold	10 124,9	10 662,7	5,3%	537,8
Non-gold minerals	41 460,3	46 010,4	11,0%	4 550,1
Total	51 585,2	56 673,1	9,9%	5 087,9

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# **Explanatory notes**

#### Introduction

- 1 Statistics South Africa (Stats SA) publishes monthly information regarding the mining industry on the basis of mining production figures and mineral sales furnished by the Minerals Bureau, Department of Minerals and Energy. 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 mineral groups on a monthly basis.
- In accordance with international practice, the indices have to be re-based every five years to a new base year. The base year of the index of the physical volume of mining production is currently 2000=100. Both actual and seasonally adjusted figures are presented.
- 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.
- 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 as 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.

#### 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 (see paragraph 7).

## Weighting

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 2000 supplied by the Minerals Bureau, Department of Minerals and Energy.

# Seasonal adjustment

10 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. Statistics South Africa 15 P2041

# Reliability of estimates

11 Estimates are subject to sampling and non-sampling errors. Figures for the latest month are preliminary.

#### Historical data

More comprehensive detail on the method of calculation and historical data in respect of the production indices according to mining mineral groups for the period February 1990 to November 2002 is available in statistical release P2041.1, entitled *Mining statistics: Indices of the physical volume of mining production, Base: 2000=100, February 1990 to November 2002*, published on 11 February 2003 on the Stats SA website: www.statssa.gov.za

#### Related publications

- 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 not included in standard publications. 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**

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**

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 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 2000. 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.

PGM's - Platinum Group Metals

Platinum Group Metals include platinum; iridium; osmiridium; palladium; rhodium; ruthenium and osmium.

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 mineral group is the ratio of the sales of a mineral group to the total

sales of the mining industry in the base year. 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 changes and changes in relative prices. New weights need to

be calculated from time to time.

## **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.

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#### Advanced release calendar

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

#### Stats SA products

A complete set of Stats SA publications is available in the Stats SA Library, and in the following public libraries:

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Stats SA also provides a subscription service.

# **Electronic services**

Large ranges of data are available via on-line services, diskette, CD and computer printouts. For more details about our electronic data services, contact (012) 310 8600/8390/8351/4892/8496/8095.

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