

Impala Operations (Ex- mine) key statistics

		Dec 2009	Dec 2008
Mining Sales	(Rm)	6 361	9 741
Platinum		4 001	5 945
Palladium		579	625
Rhodium		1 125	2 517
Nickel		301	206
Other		355	448
Mining cost of sales		(4 410)	(3 634)
On-mine operations		(3 617)	(2 229)
Processing operations		(721)	(682)
Refining operations		(253)	(141)
Amortisation		(359)	(340)
Increase/(decrease) in metal inventories		540	(242)
Mining gross profit		1 951	6 107
Other operating expenses		(201)	(102)
Royalty expense		(147)	(283)
Mining profit from operations		1 603	5 722
Profit / (loss) from metal purchased transactions		68	(28)
Sale of metals purchased		4 324	6 062
Cost of metals purchased		(4 256)	(6 090)
Profit from operations in Implats group		1 671	5 694
Gross margin ex- mine	(%)	30.7	62.7
Sales volumes ex mine			
Platinum	(000 oz)	409.1	517.5
Palladium		255.2	240.7
Rhodium		82.6	50.5
Nickel	(000 t)	2.5	1.7
Sales volumes metals purchased - IRS			
Platinum	(000 oz)	282.8	264.0
Palladium		196.6	174.6
Rhodium		35.9	37.2
Nickel	(000 t)	2.1	1.8
Prices achieved ex mine (average)			
Platinum	(\$/oz)	1 279	1 367
Palladium	(\$/oz)	297	313
Rhodium		1 801	6 225
Nickel	(\$/t)	15 577	18 352
Exchange rate achieved ex mine	(R/\$)	7.65	8.27
Production ex mine			
Tonnes milled	(000 t)	6 816	8 134
% UG2 milled	(%)	59.7	53.9
Development metres	(metres)	51 311	46 940
Headgrade (5PGE+Au)	(g/t)	4.59	4.54
Platinum refined	(000 oz)	432.4	515.5
Palladium refined		195.8	205.7
Rhodium refined		59.1	64.8
Nickel refined	(000 t)	2.5	3.6
PGM refined production	(000 oz)	799.5	931.2
Total cost	(Rm)	4 792	3 154
	(\$m)	628	357
Share-based payments	(Rm)	574	(1 010)
per tonne milled	(R/t)	703	388
	(\$/t)	80	44
per PGM ounce refined	(R/oz)	5 994	3 387
	(\$/oz)	679	384
per platinum ounce refined	(R/oz)	11 082	6 118
	(\$/oz)	1 255	693
net of revenue received for other metals	(R/oz)	5 624	(1 245)
	(\$/oz)	730	(150)
per platinum ounce refined (excluding share based payments)	(R/oz)	9 755	8 078
	(\$/oz)	1 267	972
Capital expenditure	(Rm)	1 648	2 704
	(\$m)	238	390
Labour including capital	(no)	45 074	43 551
Own employees		31 053	30 279
Contractors		14 021	13 272
Centares per panel man per month	(m ² /man)	34	37

Marula key statistics

		Dec 2009	Dec 2008
Sales	(Rm)	565	116
Platinum		329	207
Palladium		87	43
Rhodium		121	(152)
Nickel		11	7
Other		17	11
Cost of sales		(557)	(422)
On-mine operations		(436)	(304)
Processing operations		(67)	(68)
Treatment charges		(1)	(2)
Amortisation		(53)	(48)
Gross profit/(loss)		8	(306)
Intercompany adjustment *		37	519
Adjusted gross profit		45	213
Royalty expense		(11)	(15)
Profit from operations in Implats group		34	198
Gross margin**	(%)	1.4	(263.8)
Adjusted gross margin*		7.5	33.5
Sales volumes in concentrate			
Platinum	(000 oz)	37.9	36.4
Palladium		39.0	37.3
Rhodium		8.0	7.6
Nickel	(t)	113	111
Prices achieved in concentrate ** (average)			
Platinum	(\$/oz)	1 225	672
Palladium		313	135
Rhodium		2 050	(1 636)
Nickel	(\$/t)	13 500	8 051
Exchange rate achieved **	(R/\$)	7.55	6.11
Production			
Tonnes milled	(000 t)	816	781
Headgrade (5PGE+Au)	(g/t)	4.38	4.22
Platinum in concentrate	(000 oz)	37.9	36.4
Palladium in concentrate		39.0	37.3
Rhodium in concentrate		8.0	7.6
Nickel in concentrate	(t)	113	111
PGM in concentrate	(000 oz)	99.4	95.4
Total cost	(Rm)	503	372
	(\$m)	66	42
Share-based payments	(Rm)	36	(59)
per tonne milled	(R/t)	616	476
	(\$/t)	81	54
per PGM ounce in concentrate	(R/oz)	5 060	3 899
	(\$/oz)	663	442
per platinum ounce in concentrate	(R/oz)	13 272	10 220
	(\$/oz)	1 739	1 157
net of revenue received for other metals	(R/oz)	7 045	12 720
	(\$/oz)	915	1 531
per platinum ounce in concentrate (excluding share based payments)	(R/oz)	12 322	11 841
	(\$/oz)	1 600	1 425
Capital expenditure	(Rm)	103	326
	(\$m)	13	37
Labour including capital	(no)	3 521	3 431
Own employees		2 681	2 585
Contractors		840	846
Centares per panel man per month	(m ² /man)	32	28

* The adjustment relates to sales by Marula to the Implats group which were still in the pipeline at period end.

** Gross margin, prices and exchange rate achieved for Dec 08 were a result of pipeline ounces as at 30 June 2008 that were revalued in that period at much lower prices.

Zimplats key statistics

		Dec 2009	Dec 2008
Sales	(Rm)	1 312	369
Platinum		772	273
Palladium		162	44
Rhodium		117	(61)
Nickel		148	57
Other		113	56
Cost of sales		(695)	(581)
On-mine operations		(386)	(415)
Processing operations		(162)	(111)
Amortisation		(84)	(161)
(Decrease)/increase in metal inventories		(63)	106
Gross profit/(loss)		617	(212)
Intercompany adjustment *		(289)	406
Adjusted gross profit		328	194
Other operating expenses		(80)	(33)
Royalty expense		(26)	(6)
Profit from operations in Implats group		222	155
Gross margin**	(%)	47.0	(57.5)
Adjusted gross margin*		32.1	25.0
Sales volumes in matte			
Platinum	(000 oz)	80.5	47.2
Palladium		64.8	37.4
Rhodium		7.2	4.0
Nickel	(t)	1 388	797
Prices achieved in matte ** (average)			
Platinum	(\$/oz)	1 257	655
Palladium		327	134
Rhodium		2 143	(1 721)
Nickel	(\$/t)	13 976	8 107
Exchange rate achieved**	(R/\$)	7.63	8.83
Production			
Tonnes milled	(000 t)	1 968	1 081
Headgrade (5PGE+Au)	(g/t)	3.53	3.45
Platinum in matte	(000 oz)	81.6	46.9
Palladium in matte		68.2	36.7
Rhodium in matte		7.6	3.8
Nickel in matte	(t)	1 447	781
PGM in matte	(000 oz)	177.0	97.2
Total cost	(Rm)	628	559
	(\$/t)	82	63
per tonne milled	(R/t)	319	517
	(\$/t)	42	59
per PGM ounce in matte	(R/oz)	3 548	5 751
	(\$/oz)	465	651
per platinum ounce in matte	(R/oz)	7 696	11 919
	(\$/oz)	1 009	1 350
net of revenue received for other metals	(R/oz)	1 078	9 872
	(\$/oz)	140	1 188
Capital expenditure	(Rm)	391	640
	(\$m)	51.2	72.5
Labour including capital	(no)	4 522	5 245
Own employees		2 353	2 116
Contractors		2 169	3 129
Centares per panel man per month	(m ² /man)	43	28

* The adjustment relates to sales by Zimplats to the Implats group which were still in the pipeline at period end.

** Gross margin, prices and exchange rate achieved for Dec 08 were a result of pipeline ounces as at 30 June 2008 that were revalued in that period at much lower prices.

Mimosa key statistics

		Dec 2009	Dec 2008
Sales	(Rm)	918	526
Platinum		500	268
Palladium		84	42
Rhodium		45	37
Nickel		184	105
Other		105	74
Cost of sales		(513)	(403)
On-mine operations		(313)	(241)
Processing operations		(90)	(92)
Treatment charges		(58)	(55)
Amortisation		(39)	(38)
(Decrease)/increase in metal inventories		(13)	23
Gross profit		405	123
Other operating expenses		(28)	(38)
Royalty expense		(21)	(27)
Profit from operations		356	58
50% of gross profit attributable to Implats group		201	59
Intercompany adjustment *		(32)	174
Adjusted gross profit		169	233
Other costs including royalties		(25)	(32)
Profit from operations in Implats group		144	201
Gross margin**	(%)	44.1	23.4
Adjusted gross margin*		39.9	53.9
Sales volumes in concentrate			
Platinum	(000 oz)	49.1	40.8
Palladium		37.8	31.0
Rhodium		3.9	3.4
Nickel	(t)	1 407	1 159
Prices achieved in concentrate** (average)			
Platinum	(\$/oz)	1 333	746
Palladium		292	154
Rhodium		1 497	1 244
Nickel	(\$/t)	17 134	10 278
Exchange rate achieved**	(R/\$)	7.63	8.83
Production			
Tonnes milled	(000 t)	1 153	1 014
Headgrade (5PGE+Au)	(g/t)	3.86	3.89
Platinum in concentrate	(000 oz)	51.1	44.0
Palladium in concentrate		38.8	33.5
Rhodium in concentrate		4.1	3.5
Nickel in concentrate	(t)	1 400	1 217
PGM in concentrate	(000 oz)	106.3	91.4
Total cost	(Rm)	431	371
	(\$/t)	57	42
per tonne milled	(R/t)	374	366
	(\$/t)	49	41
per PGM ounce in concentrate	(R/oz)	4 055	4 059
	(\$/oz)	532	460
per platinum ounce in concentrate	(R/oz)	8 434	8 432
	(\$/oz)	1 106	955
net of revenue received for other metals	(R/oz)	254	2 568
	(\$/oz)	33	291
Capital expenditure	(Rm)	74	201
	(\$m)	9.7	22.8
Labour including capital	(no)	1 813	1 899
Own employees		1 605	1 637
Contractors		208	262
Centares per panel man per month	(m ² /man)	49	52

* The adjustment relates to sales by Mimosa to the Implats group which were still in the pipeline at period end.

** Gross margin, prices and exchange rate achieved for Dec 08 were a result of pipeline ounces as at 30 June 2008 that were revalued in that period at much lower prices.

Two Rivers key statistics

		Dec 2009	Dec 2008
Sales	(Rm)	984	301
Platinum		655	354
Palladium		97	43
Rhodium		186	(122)
Nickel		27	20
Other		19	6
Cost of sales		(751)	(677)
On-mine operations		(481)	(457)
Processing operations		(100)	(91)
Treatment charges		(7)	(6)
Amortisation		(129)	(142)
(Decrease)/increase in inventory		(34)	19
Gross profit / (loss)		233	(376)
Profit from operations		233	(376)
Gross margin**	(%)	23.7	(124.9)
Profit for the year	(Rm)	125	(324)
45% Attributable to Implats		56	(146)
Intercompany adjustment *		(41)	210
Share of profit in Implats Group		15	64
Sales volumes in concentrate			
Platinum	(000 oz)	72.3	58.3
Palladium		41.3	33.3
Rhodium		11.9	9.4
Nickel	(t)	229.4	179.5
Prices achieved in concentrate (average)			
Platinum	(\$/oz)	1 191	685
Palladium		310	143
Rhodium		2 056	(1 436)
Nickel	(\$/t)	15 682	13 642
Exchange rate achieved	(R/US\$)	7.60	8.74
Production			
Tonnes milled ex-mine	(000 t)	1 477	1 316
Headgrade (5PGE+Au)	(g/t)	4.05	4.22
Platinum in concentrate	(000 oz)	72.3	58.3
Palladium in concentrate		41.3	33.3
Rhodium in concentrate		11.9	9.4
Nickel in concentrate	(t)	229	180
PGM in concentrate	(000 oz)	150.7	121.7
Total cost	(Rm)	581	548
	(\$/t)	76	62
per tonne milled	(R/t)	393	416
	(\$/t)	52	47
per PGM ounce in concentrate	(R/oz)	3 855	4 504
	(\$/oz)	505	510
per platinum ounce in concentrate	(R/oz)	8 035	9 399
	(\$/oz)	1 053	1 064
net of revenue received for other metals	(R/oz)	3 485	10 308
	(\$/oz)	457	1 167
Capital expenditure	(Rm)	55	138
	(\$m)	7	16
Labour including capital	(No)	2 503	2 376
Own Employees		774	790
Contractors		1 729	1 586

* The adjustment relates to sales from Two Rivers to the Implats group which at yearend was still in the pipeline.

** Gross margin, prices and exchange rate achieved for Dec 08 were a result of pipeline ounces as at 30 June 2008 that were revalued in that period at much lower prices.

Note: These results have been equity accounted

IRS key statistics

		Dec 2009	Dec 2008
Sales	(Rm)	4 481	6 220
Platinum		2 779	3 177
Palladium		440	462
Rhodium		453	1 715
Nickel		399	441
Other		410	425
Cost of sales		(3 954)	(5 513)
Metals purchased		(4 784)	(2 347)
Processing operations		(95)	(70)
Refining operations		(150)	(111)
Increase/(decrease) in metal inventories		1 075	(2 985)
Gross profit		527	707
Other operating expenses		(15)	(13)
Profit from operations		512	694
Gross margin	(%)	11.8	11.4
Sales	(Rm)	4 481	6 220
Direct sales to customers		168	260
Sales to Impala		4 131	5 819
Toll income - external		152	111
Toll income - intercompany		30	30
Total Sales volumes			
Platinum	(000 oz)	285.2	266.7
Palladium		199.8	177.0
Rhodium		37.0	38.3
Nickel	(000 t)	3.0	3.2
Prices achieved (average)			
Platinum	(\$/oz)	1 276	1 413
Palladium		289	309
Rhodium		1 607	5 459
Nickel	(\$/t)	17 273	16 377
Exchange rate achieved	(R/\$)	7.64	8.39
Refined production			
Platinum	(000 oz)	462.5	362.8
Palladium		385.8	268.4
Rhodium		66.4	63.4
Nickel	(000 t)	5.0	3.7
PGM refined production	(000 oz)	1 002.0	786.1
Metal returned			
Platinum	(000 oz)	125.6	93.2
Palladium		126.1	85.4
Rhodium		26.3	16.7
Nickel	(t)	864	1 069