

Platinum Supply and Demand

'000 oz	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Supply										
South Africa	3,700	3,680	3,900	3,800	4,100	4,450	4,630	5,010	5,115	5,290
Russia	900	1,300	540	1,100	1300	980	1050	845	890	880
North America	240	285	270	285	360	390	295	385	365	345
Others	120	135	160	105	100	150	225	250	270	270
Total Supply	4,960	5,400	4,870	5,290	5,860	5,970	6,200	6,490	6,640	6,785
Demand by Application										
Autocatalyst: gross	1,830	1,800	1,610	1,890	2,520	2,590	3,270	3,490	3,795	4,195
recovery	-370	-405	-420	-470	-530	-565	-645	-690	-770	-855
Chemical	235	280	320	295	290	325	320	325	325	360
Electrical	305	300	370	455	385	315	260	300	360	425
Glass	265	220	200	255	290	235	210	290	360	390
Investment: small	180	210	90	40	50	45	30	30	30	25
large	60	105	90	-100	40	35	-15	15	-15	-65
Jewellery	2,160	2,430	2,880	2,830	2,590	2,820	2,510	2,160	1,965	1,605
Petroleum	170	125	115	110	130	130	120	150	170	205
Other	295	305	335	375	465	540	470	470	475	490
Total Demand	5,130	5,370	5,590	5,680	6,230	6,470	6,530	6,540	6,695	6,775
Movements in Stocks	-170	30	-720	-390	-370	-500	-330	-50	-55	10
Demand by Region										
Europe	875	910	995	1,150	1,510	1,650	1,880	2,095	2,325	2,495
Japan	1,885	1,795	1,820	1,410	1,310	1,400	1,300	1,360	1,320	1,130
North America	1,250	1,325	1,080	1,225	1,295	1,080	1,205	1,090	1,070	1,070
Rest of the World	1,120	1,340	1,695	1,895	2,115	2,340	2,145	1,995	1,980	2,080
Total Demand	5130	5370	5590	5680	6230	6470	6530	6540	6695	6775

Platinum Demand by Application: Regions

'000 oz		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Europe											
Autocatalyst:	gross	510	545	560	680	1060	1210	1455	1680	1,960	2,160
	recovery	-25	-30	-30	-40	-70	-90	-115	-145	-170	-185
Chemical		70	60	80	100	105	115	105	115	100	100
Electrical		45	45	70	80	65	40	35	40	40	43
Glass		20	25	20	20	10	10	10	5	10	10
Investment:	small	5	5	5	0	0	0	0	0	0	0
Jewellery		150	160	185	190	170	160	190	195	195	175
Petroleum		15	15	15	15	15	15	15	15	15	15
Other		85	85	90	105	155	190	185	190	175	175
Totals		875	910	995	1150	1510	1650	1880	2,095	2,325	2,495
Japan											
Autocatalyst:	gross	255	240	250	290	340	430	500	615	600	595
	recovery	-50	-55	-60	-60	-55	-55	-60	-55	-35	-35
Chemical		20	20	20	20	25	30	40	40	50	50
Electrical		65	55	75	90	80	55	40	50	65	75
Glass		85	80	65	65	85	60	85	90	95	100
Investment:	small	25	25	20	5	5	5	5	0	0	0
	large	60	105	90	-100	40	35	-15	15	-15	-65
Jewellery		1,390	1,290	1,320	1,060	750	780	660	560	510	360
Petroleum		5	5	5	5	5	5	5	5	5	5
Other		30	30	35	35	35	55	40	40	45	45
Totals		1,885	1,795	1,820	1,410	1,310	1,400	1,300	1,360	1,320	1,130
North America											
Autocatalyst:	gross	800	775	535	620	795	570	885	800	820	905
	recovery	-290	-310	-315	-350	-370	-380	-420	-435	-505	-575
Chemical		80	80	95	100	100	100	95	90	100	105
Electrical		100	105	120	145	120	100	85	90	95	100
Glass		45	20	25	50	35	30	-30	-10	5	10
Investment:	small	145	175	60	35	45	40	25	25	25	20
Jewellery		160	270	330	380	280	310	310	290	275	240
Petroleum		50	40	40	35	40	45	40	35	35	40
Other		160	170	190	210	250	265	215	205	220	225
Totals		1250	1325	1,080	1,225	1,295	1,080	1,205	1,090	1,070	1,070
Rest of the World											
Autocatalyst:	gross	265	240	265	300	325	380	430	395	415	535
	recovery	-5	-10	-15	-20	-35	-40	-50	-55	-60	-60
Chemical		65	120	125	75	60	80	80	80	75	105
Electrical		95	95	105	140	120	120	100	120	160	205
Glass		115	95	90	120	160	135	145	205	250	270
Investment:	small	5	5	5	0	0	0	0	5	5	5
Jewellery		460	710	1045	1200	1390	1570	1,350	1,115	985	830
Petroleum		100	65	55	55	70	65	60	95	115	145
Other		20	20	20	25	25	30	30	35	35	45
Totals		1120	1340	1695	1895	2,115	2,340	2,145	1,995	1,980	2,080

Platinum Supply and Demand

Tonnes *	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Supply										
South Africa	115.1	114.5	121.3	118.2	127.5	138.4	144.0	155.8	159.1	164.5
Russia	28.0	40.4	16.8	34.2	40.4	30.5	32.7	26.3	27.7	27.4
North America	7.5	8.9	8.4	8.9	11.2	12.1	9.2	12.0	11.4	10.8
Others	3.7	4.2	5.0	3.3	3.1	4.7	7.0	7.8	8.4	8.3
Total Supply	154.3	168.0	151.5	164.5	182.3	185.7	192.8	201.9	206.5	211.0
Demand by Application										
Autocatalyst: gross	56.9	56.0	50.1	58.8	78.4	80.6	101.7	108.6	118.1	130.5
recovery	-11.5	-12.6	-13.1	-14.6	-16.5	-17.6	-20.1	-21.5	-23.9	-26.7
Chemical	7.3	8.7	10.0	9.2	9.0	10.1	10.0	10.1	10.1	11.3
Electrical	9.5	9.3	11.5	14.2	12.0	9.8	8.1	9.3	11.2	13.3
Glass	8.2	6.8	6.2	7.9	9.0	7.3	6.5	9.0	11.2	12.1
Investment: small	5.6	6.5	2.8	1.2	1.6	1.4	0.9	0.9	0.9	0.8
large	1.9	3.3	2.8	-3.1	1.2	1.1	-0.5	0.5	-0.5	-2.0
Jewellery	67.2	75.6	89.6	88.0	80.6	87.7	78.1	67.2	61.1	50.0
Petroleum	5.3	3.9	3.6	3.4	4.0	4.0	3.7	4.7	5.3	6.4
Other	9.2	9.5	10.4	11.7	14.5	16.8	14.6	14.6	14.8	15.1
Total Demand	159.6	167.0	173.9	176.7	193.8	201.2	203.1	203.4	208.1	210.7
Movements in Stocks	-5.3	0.9	-22.4	-12.1	-11.5	-15.6	-10.3	-1.6	-1.8	0.3
Demand by Region										
Europe	27.2	28.3	31.0	35.8	47.0	51.3	58.5	65.2	72.3	77.6
Japan	58.6	55.8	56.6	43.9	40.8	43.5	40.4	42.3	41.1	35.3
North America	38.9	41.2	33.6	38.1	40.3	33.4	37.5	33.9	33.3	33.2
Rest of the World	34.8	41.7	52.7	58.9	65.8	72.9	66.7	62.1	61.6	64.6
Total Demand	159.5	167.0	173.9	176.7	193.9	201.2	203.1	203.4	208.3	210.7

* Totals may not add due to rounding



Platinum Demand by Application: Regions

Tonnes *		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Europe											
Autocatalyst:	gross	15.8	16.9	17.4	21.1	33.0	37.6	45.3	52.2	61.0	67.2
	recovery	-0.8	-1.0	-0.9	-1.2	-2.2	-2.8	-3.6	-4.5	-5.3	-5.8
Chemical		2.2	1.9	2.5	3.1	3.3	3.6	3.3	3.6	3.1	3.1
Electrical		1.4	1.4	2.2	2.5	2.0	1.2	1.1	1.2	1.2	1.4
Glass		0.6	0.8	0.6	0.6	0.3	0.3	0.3	0.2	0.3	0.3
Investment:	small	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jewellery		4.7	5.0	5.7	5.9	5.3	5.0	5.9	6.1	6.1	5.5
Petroleum		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Other		2.6	2.6	2.8	3.3	4.8	5.9	5.7	5.9	5.4	5.4
Totals		27.2	28.3	31.0	35.8	47.0	51.3	58.5	65.2	72.3	77.6
Japan											
Autocatalyst:	gross	7.9	7.4	7.8	9.0	10.6	13.4	15.6	19.1	18.7	18.5
	recovery	-1.6	-1.7	-1.9	-1.9	-1.7	-1.7	-1.9	-1.7	-1.1	-1.1
Chemical		0.6	0.6	0.6	0.6	0.8	0.9	1.2	1.2	1.6	1.7
Electrical		2.0	1.7	2.3	2.8	2.5	1.7	1.2	1.6	2.0	2.3
Glass		2.6	2.5	2.0	2.0	2.6	1.9	2.7	2.8	2.9	3.1
Investment:	small	0.8	0.8	0.6	0.2	0.2	0.2	0.2	0.0	0.0	0.0
	large	1.9	3.3	2.8	-3.1	1.2	1.1	-0.5	0.5	-0.5	-2.0
Jewellery		43.3	40.1	41.1	33.0	23.3	24.3	20.5	17.4	15.9	11.2
Petroleum		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Other		0.9	0.9	1.1	1.1	1.1	1.7	1.2	1.2	1.4	1.4
Totals		58.6	55.8	56.6	43.9	40.8	43.5	40.4	42.3	41.1	35.3
North America											
Autocatalyst:	gross	24.9	24.1	16.6	19.3	24.7	17.7	27.5	24.8	25.5	28.2
	recovery	-9.0	-9.6	-9.8	-10.9	-11.5	-11.8	-13.0	-13.5	-15.7	-17.9
Chemical		2.5	2.5	3.0	3.1	3.1	3.1	3.0	2.8	3.1	3.2
Electrical		3.1	3.3	3.7	4.5	3.7	3.0	2.6	2.8	3.0	3.1
Glass		1.4	0.6	0.8	1.6	1.1	0.9	-0.9	-0.3	0.2	0.3
Investment:	small	4.5	5.4	1.9	1.1	1.4	1.2	0.8	0.8	0.8	0.6
Jewellery		5.0	8.4	10.3	11.8	8.7	9.6	9.6	9.0	8.5	7.5
Petroleum		1.5	1.2	1.2	1.1	1.3	1.4	1.2	1.1	1.0	1.2
Other		5.0	5.3	5.9	6.5	7.8	8.2	6.7	6.4	6.9	7.0
Totals		38.9	41.2	33.6	38.1	40.3	33.4	37.5	33.9	33.3	33.2
Rest of the World											
Autocatalyst:	gross	8.2	7.4	8.2	9.3	10.1	11.8	13.4	12.3	12.9	16.6
	recovery	-0.2	-0.3	-0.5	-0.6	-1.1	-1.2	-1.6	-1.7	-1.8	-1.9
Chemical		2.0	3.7	3.9	2.3	1.9	2.5	2.5	2.5	2.3	3.3
Electrical		3.0	3.0	3.3	4.4	3.7	3.9	3.1	3.7	5.0	6.4
Glass		3.6	3.0	2.8	3.7	5.0	4.2	4.5	6.4	7.8	8.4
Investment:	small	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.2
Jewellery		14.3	22.1	32.5	37.3	43.2	48.8	42.0	34.7	30.6	25.8
Petroleum		3.1	2.0	1.7	1.7	2.2	2.0	1.9	2.9	3.6	4.5
Other		0.6	0.6	0.6	0.8	0.8	0.9	0.9	1.1	1.1	1.3
Totals		34.8	41.7	52.7	58.9	65.8	72.9	66.7	62.1	61.6	64.6

* Totals may not add due to rounding