

Platinum Supply and Demand

'000 oz	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Supply										
South Africa	3,680	3,900	3,800	4,100	4,450	4,630	5,010	5,115	5,290	5,220
Russia	1,300	540	1,100	1300	980	1050	845	890	890	820
North America	285	270	285	360	390	295	385	365	345	340
Others	135	160	105	100	150	225	250	270	270	280
Total Supply	5,400	4,870	5,290	5,860	5,970	6,200	6,490	6,640	6,795	6,660
Demand by Application										
Autocatalyst: gross	1,800	1,610	1,890	2,520	2,590	3,270	3,490	3,795	4,140	4,235
recovery	-405	-420	-470	-530	-565	-645	-690	-770	-855	-885
Chemical	280	320	295	290	325	320	325	325	380	395
Electrical	300	370	455	385	315	260	300	360	400	435
Glass	220	200	255	290	235	210	290	360	410	355
Investment: small	210	90	40	50	45	30	30	30	25	25
large	105	90	-100	40	35	-15	15	-15	-65	50
Jewellery	2,430	2,880	2,830	2,590	2,820	2,510	2,160	1,965	1,620	1,595
Petroleum	125	115	110	130	130	120	150	170	185	230
Other	305	335	375	465	540	470	470	475	490	490
Total Demand	5,370	5,590	5,680	6,230	6,470	6,530	6,540	6,695	6,730	6,925
Movements in Stocks	30	-720	-390	-370	-500	-330	-50	-55	65	-265
Demand by Region										
Europe	910	995	1,150	1,510	1,650	1,880	2,095	2,325	2,445	2,530
Japan	1,795	1,820	1,410	1,310	1,400	1,300	1,360	45	1,135	1,105
North America	1,325	1,080	1,225	1,295	1,080	1,205	1,090	220	1,065	1,065
Rest of the World	1,340	1,695	1,895	2,115	2,340	2,145	1,995	35	2,085	2,225
Total Demand	5370	5590	5680	6230	6470	6530	6540	2625	6730	6925

Platinum Demand by Application: Regions

'000 oz		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Europe											
Autocatalyst:	gross	545	560	680	1060	1210	1455	1680	1,960	2,095	2,105
	recovery	-30	-30	-40	-70	-90	-115	-145	-170	-185	-215
Chemical		60	80	100	105	115	105	115	100	105	110
Electrical		45	70	80	65	40	35	40	40	35	40
Glass		25	20	20	10	10	10	5	10	10	20
Investment:	small	5	5	0	0	0	0	0	0	0	0
	large	0	0	0	0	0	0	0	0	0	70
Jewellery		160	185	190	170	160	190	195	195	190	205
Petroleum		15	15	15	15	15	15	15	15	15	15
Other		85	90	105	155	190	185	190	175	180	180
Totals		910	995	1150	1510	1650	1880	2,095	2,325	2,445	2,530
Japan											
Autocatalyst:	gross	240	250	290	340	430	500	615	600	605	615
	recovery	-55	-60	-60	-55	-55	-60	-55	-35	-35	-35
Chemical		20	20	20	25	30	40	40	50	50	55
Electrical		55	75	90	80	55	40	50	65	65	70
Glass		80	65	65	85	60	85	90	95	100	60
Investment:	small	25	20	5	5	5	5	0	0	0	0
	large	105	90	-100	40	35	-15	15	-15	-65	-20
Jewellery		1,290	1,320	1,060	750	780	660	560	510	360	305
Petroleum		5	5	5	5	5	5	5	5	10	10
Other		30	35	35	35	55	40	40	45	45	45
Totals		1,795	1,820	1,410	1,310	1,400	1,300	1,360	1,320	1,135	1,105
North America											
Autocatalyst:	gross	775	535	620	795	570	885	800	820	905	900
	recovery	-310	-315	-350	-370	-380	-420	-435	-505	-575	-575
Chemical		80	95	100	100	100	95	90	100	105	100
Electrical		105	120	145	120	100	85	90	95	95	90
Glass		20	25	50	35	30	-30	-10	5	10	25
Investment:	small	175	60	35	45	40	25	25	25	20	20
	large	270	330	380	280	310	310	290	275	240	235
Petroleum		40	40	35	40	45	40	35	35	40	45
Other		170	190	210	250	265	215	205	220	225	225
Totals		1325	1,080	1,225	1,295	1,080	1,205	1,090	1,070	1,065	1,065
Rest of the World											
Autocatalyst:	gross	240	265	300	325	380	430	395	415	535	615
	recovery	-10	-15	-20	-35	-40	-50	-55	-60	-60	-60
Chemical		120	125	75	60	80	80	80	75	120	130
Electrical		95	105	140	120	120	100	120	160	205	235
Glass		95	90	120	160	135	145	205	250	290	250
Investment:	small	5	5	0	0	0	0	5	5	5	5
	large	710	1045	1200	1390	1570	1,350	1,115	985	830	850
Petroleum		65	55	55	70	65	60	95	115	120	160
Other		20	20	25	25	30	30	35	35	40	40
Totals		1340	1695	1895	2,115	2,340	2,145	1,995	1,980	2,085	2,225

Platinum Supply and Demand

Tonnes *	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Supply										
South Africa	114.5	121.3	118.2	127.5	138.4	144.0	155.8	159.1	164.5	162.4
Russia	40.4	16.8	34.2	40.4	30.5	32.7	26.3	27.7	27.7	25.5
North America	8.9	8.4	8.9	11.2	12.1	9.2	12.0	11.4	10.7	10.6
Others	4.2	5.0	3.3	3.1	4.7	7.0	7.8	8.4	8.4	8.7
Total Supply	168.0	151.5	164.5	182.3	185.7	192.8	201.9	206.5	211.3	207.2
Demand by Application										
Autocatalyst: gross	56.0	50.1	58.8	78.4	80.6	101.7	108.6	118.1	128.8	131.7
recovery	-12.6	-13.1	-14.6	-16.5	-17.6	-20.1	-21.5	-23.9	-26.6	-27.5
Chemical	8.7	10.0	9.2	9.0	10.1	10.0	10.1	10.1	11.8	12.3
Electrical	9.3	11.5	14.2	12.0	9.8	8.1	9.3	11.2	12.4	13.5
Glass	6.8	6.2	7.9	9.0	7.3	6.5	9.0	11.2	12.7	11.0
Investment: small	6.5	2.8	1.2	1.6	1.4	0.9	0.9	0.9	0.8	0.8
large	3.3	2.8	-3.1	1.2	1.1	-0.5	0.5	-0.5	-2.0	1.6
Jewellery	75.6	89.6	88.0	80.6	87.7	78.1	67.2	61.1	50.4	49.6
Petroleum	3.9	3.6	3.4	4.0	4.0	3.7	4.7	5.3	5.8	7.2
Other	9.5	10.4	11.7	14.5	16.8	14.6	14.6	14.8	15.2	15.2
Total Demand	167.0	173.9	176.7	193.8	201.2	203.1	203.4	208.1	209.3	215.4
Movements in Stocks	0.9	-22.4	-12.1	-11.5	-15.6	-10.3	-1.6	-1.6	2.0	-8.2
Demand by Region										
Europe	28.3	31.0	35.8	47.0	51.3	58.5	65.2	72.3	76.0	78.6
Japan	55.8	56.6	43.9	40.8	43.5	40.4	42.3	41.1	25.4	34.4
North America	41.2	33.6	38.1	40.3	33.4	37.5	33.9	33.3	33.0	33.1
Rest of the World	41.7	52.7	58.9	65.8	72.9	66.7	62.1	61.6	64.9	69.3
Total Demand	167.0	173.9	176.7	193.9	201.2	203.1	203.4	208.3	199.3	215.4

* Totals may not add due to rounding

Platinum Demand by Application: Regions

Tonnes *		1998	1999	2000	2001	2002	2003	2004	2005	2006	2006
Europe											
Autocatalyst:	gross	16.9	17.4	21.1	33.0	37.6	45.3	52.2	61.0	65.1	65.5
	recovery	-1.0	-0.9	-1.2	-2.2	-2.8	-3.6	-4.5	-5.3	-5.8	-6.7
Chemical		1.9	2.5	3.1	3.3	3.6	3.3	3.6	3.1	3.3	3.4
Electrical		1.4	2.2	2.5	2.0	1.2	1.1	1.2	1.2	1.1	1.2
Glass		0.8	0.6	0.6	0.3	0.3	0.3	0.2	0.3	0.3	0.6
Investment:	small	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	large	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
Jewellery		5.0	5.7	5.9	5.3	5.0	5.9	6.1	6.1	5.9	6.3
Petroleum		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Other		2.6	2.8	3.3	4.8	5.9	5.7	5.9	5.4	5.6	5.6
Totals		28.3	31.0	35.8	47.0	51.3	58.5	65.2	72.3	76.0	78.6
Japan											
Autocatalyst:	gross	7.4	7.8	9.0	10.6	13.4	15.6	19.1	18.7	18.9	19.1
	recovery	-1.7	-1.9	-1.9	-1.7	-1.7	-1.9	-1.7	-1.1	-1.1	-1.1
Chemical		0.6	0.6	0.6	0.8	0.9	1.2	1.2	1.6	1.6	1.7
Electrical		1.7	2.3	2.8	2.5	1.7	1.2	1.6	2.0	2.0	2.2
Glass		2.5	2.0	2.0	2.6	1.9	2.7	2.8	2.9	3.1	1.9
Investment:	small	0.8	0.6	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
	large	3.3	2.8	-3.1	1.2	1.1	-0.5	0.5	-0.5	-2.0	-0.6
Jewellery		40.1	41.1	33.0	23.3	24.3	20.5	17.4	15.9	11.2	9.5
Petroleum		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
Other		0.9	1.1	1.1	1.1	1.7	1.2	1.2	1.4	1.4	1.4
Totals		55.8	56.6	43.9	40.8	43.5	40.4	42.3	41.1	35.4	34.4
North America											
Autocatalyst:	gross	24.1	16.6	19.3	24.7	17.7	27.5	24.8	25.5	28.1	28.0
	recovery	-9.6	-9.8	-10.9	-11.5	-11.8	-13.0	-13.5	-15.7	-17.8	-17.8
Chemical		2.5	3.0	3.1	3.1	3.1	3.0	2.8	3.1	3.1	3.1
Electrical		3.3	3.7	4.5	3.7	3.0	2.6	2.8	3.0	2.9	2.8
Glass		0.6	0.8	1.6	1.1	0.9	-0.9	-0.3	0.2	0.3	0.7
Investment:	small	5.4	1.9	1.1	1.4	1.2	0.8	0.8	0.8	0.6	0.6
Jewellery		8.4	10.3	11.8	8.7	9.6	9.6	9.0	8.5	7.5	7.3
Petroleum		1.2	1.2	1.1	1.3	1.4	1.2	1.1	1.0	1.3	1.4
Other		5.3	5.9	6.5	7.8	8.2	6.7	6.4	6.9	7.0	7.0
Totals		41.2	33.6	38.1	40.3	33.4	37.5	33.9	33.3	33.0	33.1
Rest of the World											
Autocatalyst:	gross	7.4	8.2	9.3	10.1	11.8	13.4	12.3	12.9	16.7	19.1
	recovery	-0.3	-0.5	-0.6	-1.1	-1.2	-1.6	-1.7	-1.8	-1.9	-1.9
Chemical		3.7	3.9	2.3	1.9	2.5	2.5	2.5	2.3	3.8	4.1
Electrical		3.0	3.3	4.4	3.7	3.9	3.1	3.7	5.0	6.4	7.3
Glass		3.0	2.8	3.7	5.0	4.2	4.5	6.4	7.8	9.0	7.8
Investment:	small	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.2
Jewellery		22.1	32.5	37.3	43.2	48.8	42.0	34.7	30.6	25.8	26.5
Petroleum		2.0	1.7	1.7	2.2	2.0	1.9	2.9	3.6	3.7	5.0
Other		0.6	0.6	0.8	0.8	0.9	0.9	1.1	1.1	1.2	1.2
Totals		41.7	52.7	58.9	65.8	72.9	66.7	62.1	61.6	64.9	69.3

* Totals may not add due to rounding