

Platinum Supply and Demand

'000 oz	2000	2001	2002	2003	2004
Supply					
South Africa	3,800	4,100	4,450	4,630	5,010
Russia	1,100	1,300	980	1,050	845
North America	285	360	390	295	385
Zimbabwe	-	-	-	-	-
Others	105	100	150	225	250
Total Supply	5,290	5,860	5,970	6,200	6,490
Demand by Application					
Autocatalyst	1,890	2,520	2,590	3,270	3,490
Chemical	295	290	325	320	325
Electrical	455	385	315	260	300
Glass	255	290	235	210	290
Investment	-60	90	80	15	45
Jewellery*	2,830	2,590	2,820	2,510	2,160
Medical & Biomedical	-	-	-	-	-
Petroleum	110	130	130	120	150
Other	375	465	540	470	470
Total Gross Demand	6,150	6,760	7,035	7,175	7,230
Recycling					
Autocatalyst	-470	-530	-565	-645	-690
Electrical	-	-	-	-	-
Jewellery	-	-	-	-	-
Total Recycling	-470	-530	-565	-645	-690
Total Net Demand	5,680	6,230	6,470	6,530	6,540
Movements in Stocks	-390	-370	-500	-330	-50

* Before 2005 jewellery and electrical demand is net of recycling.

** Before 2005 Medical & Biomedical was included in "Other"

Gross Platinum Demand by Application: Regions

'000 oz	2000	2001	2002	2003	2004
Europe					
Autocatalyst	680	1,060	1,210	1,455	1,680
Chemical	100	105	115	105	115
Electrical	80	65	40	35	40
Glass	20	10	10	10	5
Investment	0	0	0	0	0
Jewellery	190	170	160	190	195
Medical & Biomedical**	0	0	0	0	0
Petroleum	15	15	15	15	15
Other	105	155	190	185	190
Totals	1,190	1,580	1,740	1,995	2,240
Japan					
Autocatalyst	290	340	430	500	615
Chemical	20	25	30	40	40
Electrical	90	80	55	40	50
Glass	65	85	60	85	90
Investment	-95	45	40	-10	15
Jewellery	1,060	750	780	660	560
Medical & Biomedical**	0	0	0	0	0
Petroleum	5	5	5	5	5
Other	35	35	55	40	40
Totals	1,470	1,365	1,455	1,360	1,415
North America					
Autocatalyst	620	795	570	885	800
Chemical	100	100	100	95	90
Electrical	145	120	100	85	90
Glass	50	35	30	-30	-10
Investment	35	45	40	25	25
Jewellery	380	280	310	310	290
Medical & Biomedical**	0	0	0	0	0
Petroleum	35	40	45	40	35
Other	210	250	265	215	205
Totals	1,575	1,665	1,460	1,625	1,525
China					
Autocatalyst	10	15	35	60	75
Chemical	20	10	10	10	10
Electrical	20	15	15	15	20
Glass	35	65	40	30	60
Investment	0	0	0	0	0
Jewellery	1,100	1,300	1,480	1,200	1,010
Medical & Biomedical**	0	0	0	0	0
Petroleum	15	15	5	5	5
Other	5	5	5	5	5
Totals	1,205	1,425	1,590	1,325	1,185
Rest of the World					
Autocatalyst	290	310	345	370	320
Chemical	55	50	70	70	70
Electrical	120	105	105	85	100
Glass	85	95	95	115	145
Investment	0	0	0	0	5
Jewellery	100	90	90	150	105
Medical & Biomedical**	0	0	0	0	0
Petroleum	40	55	60	55	90
Other	20	20	25	25	30
Totals	710	725	790	870	865
Total Gross Demand	6,150	6,760	7,035	7,175	7,230

** Before 2005 Medical & Biomedical was included in "Other"

Platinum Supply and Demand

Tonnes	2000	2001	2002	2003	2004
Supply					
South Africa	118.2	127.5	138.4	144.0	155.8
Russia	34.2	40.4	30.5	32.7	26.3
North America	8.9	11.2	12.1	9.2	12.0
Zimbabwe *	-	-	-	-	-
Others	3.3	3.1	4.7	7.0	7.8
Total Supply	164.5	182.3	185.7	192.8	201.9
Demand by Application					
Autocatalyst	58.8	78.4	80.6	101.7	108.6
Chemical	9.2	9.0	10.1	10.0	10.1
Electrical	14.2	12.0	9.8	8.1	9.3
Glass	7.9	9.0	7.3	6.5	9.0
Investment	-1.9	2.8	2.5	0.5	1.4
Jewellery*	88.0	80.6	87.7	78.1	67.2
Medical & Biomedical**	-	-	-	-	-
Petroleum	3.4	4.0	4.0	3.7	4.7
Other	11.7	14.5	16.8	14.6	14.6
Total Gross Demand	191.3	210.3	218.8	223.2	224.9
Recycling					
Autocatalyst	-14.6	-16.5	-17.6	-20.1	-21.5
Electrical	-	-	-	-	-
Jewellery	-	-	-	-	-
Total Recycling	-14.6	-16.5	-17.6	-20.1	-21.5
Total Net Demand	176.7	193.8	201.2	203.1	203.4
Movements in Stocks	-12.1	-11.5	-15.6	-10.3	-1.6

Totals may not add due to rounding

* Before 2005 "Jewellery" and "Electrical" demand is net of recycling.

** Before 2005 "Medical & Biomedical" was included in "Other"

Gross Platinum Demand by Application: Regions

Tonnes	2000	2001	2002	2003	2004
Europe					
Autocatalyst	21.1	33.0	37.6	45.3	52.2
Chemical	3.1	3.3	3.6	3.3	3.6
Electrical*	2.5	2.0	1.2	1.1	1.2
Glass	0.6	0.3	0.3	0.3	0.2
Investment	0	0	0	0	0
Jewellery*	5.9	5.3	5.0	5.9	6.1
Medical & Biomedical**	-	-	-	-	-
Petroleum	0.5	0.5	0.5	0.5	0.5
Other	3.3	4.8	5.9	5.7	5.9
Totals	35.8	47.0	51.3	58.5	65.2
Japan					
Autocatalyst	9.0	10.6	13.4	15.6	19.1
Chemical	0.6	0.8	0.9	1.2	1.2
Electrical*	2.8	2.5	1.7	1.2	1.6
Glass	2.0	2.6	1.9	2.7	2.8
Investment	-2.9	1.4	1.2	-0.3	0.5
Jewellery*	33.0	23.3	24.3	20.5	17.4
Medical & Biomedical**	-	-	-	-	-
Petroleum	0.2	0.2	0.2	0.2	0.2
Other	1.1	1.1	1.7	1.2	1.2
Totals	43.9	40.8	43.5	40.4	42.3
North America					
Autocatalyst	19.3	24.7	17.7	27.5	24.8
Chemical	3.1	3.1	3.1	3.0	2.8
Electrical*	4.5	3.7	3.0	2.6	2.8
Glass	1.6	1.1	0.9	-0.9	-0.3
Investment	1.1	1.4	1.2	0.8	0.8
Jewellery*	11.8	8.7	9.6	9.6	9.0
Medical & Biomedical**	-	-	-	-	-
Petroleum	1.1	1.3	1.4	1.2	1.1
Other	6.5	7.8	8.2	6.7	6.4
Totals	38.1	40.3	33.4	37.5	33.9
China					
Autocatalyst	0.3	0.5	1.1	1.9	2.3
Chemical	0.6	0.3	0.3	0.3	0.0
Electrical*	0.6	0.5	0.5	0.5	0.3
Glass	1.1	2.0	1.2	0.9	0.6
Investment	0	0	0	0	0
Jewellery*	34.2	40.4	46.0	37.3	31.4
Medical & Biomedical**	-	-	-	-	-
Petroleum	0.5	0.5	0.2	0.2	0.2
Other	0.2	0.2	0.2	0.2	0.2
Totals	37.5	44.4	49.5	41.3	36.9
Rest of the World					
Autocatalyst	9.0	9.6	10.7	11.5	10.0
Chemical	1.7	1.6	2.2	2.2	2.2
Electrical*	3.8	3.2	3.2	2.6	3.1
Glass	2.6	3.0	3.0	3.6	4.5
Investment	0.0	0.0	0.0	0.0	0.2
Jewellery*	3.1	2.8	2.8	4.7	3.3
Medical & Biomedical**	-	-	-	-	-
Petroleum	1.2	1.7	1.8	1.7	2.8
Other	0.6	0.6	0.8	0.7	0.8
Totals	21.4	21.4	23.3	25.4	25.2
Total Gross Demand	191.3	193.2	194.2	196.7	198.1

Totals may not add due to rounding

** Before 2005 "Jewellery" and "Electrical" demand is net of recycling.*

*** Before 2005 "Medical & Biomedical" was included in "Other"*