

Platinum Supply and Demand

	'000 oz	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Supply	South Africa	3,900	3,800	4,100	4,450	4,630	5,010	5,115	5,295	5,070	4,530
	Russia	540	1,100	1,300	980	1,050	845	890	920	915	820
	North America	270	285	360	390	295	385	365	345	325	325
	Others	160	105	100	150	225	250	270	270	290	295
	Total Supply	4,870	5,290	5,860	5,970	6,200	6,490	6,640	6,830	6,600	5,970
Demand by Application	Autocatalyst: gross	1,610	1,890	2,520	2,590	3,270	3,490	3,795	3,905	4,145	3,805
	recovery	-420	-470	-530	-565	-645	-690	-770	-860	-935	-1,005
	Chemical	320	295	290	325	320	325	325	395	420	395
	Electrical	370	455	385	315	260	300	360	360	255	225
	Glass	200	255	290	235	210	290	360	405	470	390
	Investment	180	-60	90	80	15	45	15	-40	170	425
	Jewellery	2,880	2,830	2,590	2,820	2,510	2,160	1,965	1,640	1,455	1,365
	Petroleum	115	110	130	130	120	150	170	180	205	245
	Other	335	375	465	540	470	470	475	490	495	500
Total Demand	5,590	5,680	6,230	6,470	6,530	6,540	6,695	6,475	6,680	6,345	
Movements in Stocks	-720	-390	-370	-500	-330	-50	-55	355	-80	-375	
Demand by region	Europe	995	1,150	1,510	1,650	1,880	2,095	2,325	2,395	2,585	2,410
	Japan	1,820	1,410	1,310	1,400	1,300	1,360	1,320	1,115	920	1,085
	North America	1,080	1,225	1,295	1,080	1,205	1,090	1,070	840	915	545
	China	1,035	1,205	1,425	1,590	1,325	1,185	1,120	1,095	1,240	1,265
	Rest of the World	660	690	690	750	820	810	860	1,030	1,020	1,040
	Total Demand	5,590	5,680	6,230	6,470	6,530	6,540	6,695	6,475	6,680	6,345

Platinum Demand by Application: Regions

	'000 oz	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Europe	Autocatalyst: gross	560	680	1,060	1,210	1,455	1,680	1,960	2,060	2,055	2,020
	recovery	-30	-40	-70	-90	-115	-145	-170	-190	-215	-245
	Chemical	80	100	105	115	105	115	100	100	110	105
	Electrical	70	80	65	40	35	40	40	25	15	15
	Glass	20	20	10	10	10	5	10	10	15	-5
	Investment	5	0	0	0	0	0	0	0	195	105
	Jewellery	185	190	170	160	190	195	195	195	200	195
	Petroleum	15	15	15	15	15	15	15	20	25	35
	Other	90	105	155	190	185	190	175	175	185	185
Totals		995	1,150	1,510	1,650	1,880	2,095	2,325	2,395	2,585	2,410
Japan	Autocatalyst: gross	250	290	340	430	500	615	600	605	610	595
	recovery	-60	-60	-55	-55	-60	-55	-35	-35	-35	-60
	Chemical	20	20	25	30	40	40	50	50	55	55
	Electrical	75	90	80	55	40	50	65	55	35	30
	Glass	65	65	85	60	85	90	95	100	85	80
	Investment	110	-95	45	40	-10	15	-15	-65	-60	275
	Jewellery	1,320	1,060	750	780	660	560	510	360	180	55
	Petroleum	5	5	5	5	5	5	5	5	5	10
	Other	35	35	35	55	40	40	45	40	45	45
Totals		1,820	1,410	1,310	1,400	1,300	1,360	1,320	1,115	920	1,085
North America	Autocatalyst: gross	535	620	795	570	885	800	820	705	850	560
	recovery	-315	-350	-370	-380	-420	-435	-505	-575	-605	-610
	Chemical	95	100	100	100	95	90	100	100	95	95
	Electrical	120	145	120	100	85	90	95	75	55	30
	Glass	25	50	35	30	-30	-10	5	10	25	-5
	Investment	60	35	45	40	25	25	25	20	30	40
	Jewellery	330	380	280	310	310	290	275	245	220	195
	Petroleum	40	35	40	45	40	35	35	35	30	25
	Other	190	210	250	265	215	205	220	225	215	215
Totals		1,080	1,225	1,295	1,080	1,205	1,090	1,070	840	915	545
China	Autocatalyst: gross	5	10	15	35	60	75	120	155	175	185
	recovery	0	0	0	0	0	0	0	0	-10	-15
	Chemical	15	20	10	10	10	10	10	65	70	60
	Electrical	20	20	15	15	15	20	25	45	20	30
	Glass	25	35	65	40	30	60	70	50	180	125
	Investment	5	0	0	0	0	0	5	0	0	0
	Jewellery	950	1,100	1,300	1,480	1,200	1,010	875	760	780	850
	Petroleum	10	15	15	5	5	5	5	10	10	10
	Other	5	5	5	5	5	5	10	10	15	20
Totals		1,035	1,205	1,425	1,590	1,325	1,185	1,120	1,095	1,240	1,265
Rest of the World	Autocatalyst: gross	260	290	310	345	370	320	295	380	455	445
	recovery	-15	-20	-35	-40	-50	-55	-60	-60	-70	-75
	Chemical	110	55	50	70	70	70	65	80	90	80
	Electrical	85	120	105	105	85	100	135	160	130	120
	Glass	65	85	95	95	115	145	180	235	165	195
	Investment						5	0	5	5	5
	Jewellery	95	100	90	90	150	105	110	80	75	70
	Petroleum	45	40	55	60	55	90	110	110	135	165
	Other	15	20	20	25	25	30	25	40	35	35
Totals		660	690	690	750	820	810	860	1,030	1,020	1,040

Platinum Supply and Demand

	Tonnes *	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Supply	South Africa	121.3	118.2	127.5	138.4	144.0	155.8	159.1	164.7	157.7	140.9
	Russia	16.8	34.2	40.4	30.5	32.7	26.3	27.7	28.6	28.5	25.5
	North America	8.4	8.9	11.2	12.1	9.2	12.0	11.4	10.7	10.1	10.1
	Others	5.0	3.3	3.1	4.7	7.0	7.8	8.4	8.4	9.0	9.2
	Total Supply	151.5	164.5	182.3	185.7	192.8	201.9	206.5	212.4	205.3	185.7
Demand by Application	Autocatalyst: gross	50.1	58.8	78.4	80.6	101.7	108.6	118.1	121.5	128.9	118.3
	recovery	-13.1	-14.6	-16.5	-17.6	-20.1	-21.5	-23.9	-26.8	-29.1	-31.3
	Chemical	10.0	9.2	9.0	10.1	10.0	10.1	10.1	12.3	13.1	12.4
	Electrical	11.5	14.2	12.0	9.8	8.1	9.3	11.2	11.2	7.9	6.9
	Glass	6.2	7.9	9.0	7.3	6.5	9.0	11.2	12.6	14.6	12.2
	Investment	5.6	-1.9	2.8	2.5	0.5	1.4	0.5	-1.2	5.3	13.3
	Jewellery	89.6	88.0	80.6	87.7	78.1	67.2	61.1	51.0	45.2	42.5
	Petroleum	3.6	3.4	4.0	4.0	3.7	4.7	5.3	5.6	6.5	7.6
	Other	10.4	11.7	14.5	16.8	14.6	14.6	14.8	15.2	15.4	15.5
Total Demand	173.9	176.7	193.8	201.2	203.1	203.4	208.1	201.4	207.8	197.4	
Demand by region	Movements in Stocks	-22.4	-12.1	-11.5	-15.6	-10.3	-1.6	-1.6	11.0	-3.7	-7.5
	Europe	31.0	35.8	47.0	51.3	58.5	65.2	72.3	74.5	80.4	75.0
	Japan	56.6	43.9	40.8	43.5	40.4	42.3	41.1	34.8	28.6	33.7
	North America	33.6	38.1	40.3	33.4	37.5	33.9	33.3	26.1	28.5	17.0
	China	32.2	37.5	44.4	49.5	41.3	36.9	34.9	34.0	38.6	39.3
	Rest of the World	20.5	21.4	21.4	23.3	25.4	25.2	26.7	32.0	31.7	32.4
	Total Demand	173.9	176.7	193.9	201.1	203.1	203.5	208.3	201.4	207.8	197.4

* Totals may not add due to rounding

Platinum Demand by Application: Regions

	Tonnes *	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Europe	Autocatalyst: gross	17.4	21.1	33.0	37.6	45.3	52.2	61.0	64.1	63.9	62.8
	recovery	-0.9	-1.2	-2.2	-2.8	-3.6	-4.5	-5.3	-5.9	-6.7	-7.6
	Chemical	2.5	3.1	3.3	3.6	3.3	3.6	3.1	3.1	3.4	3.3
	Electrical	2.2	2.5	2.0	1.2	1.1	1.2	1.2	0.8	0.5	0.5
	Glass	0.6	0.6	0.3	0.3	0.3	0.2	0.3	0.3	0.5	-0.2
	Investment	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	3.3
	Jewellery	5.7	5.9	5.3	5.0	5.9	6.1	6.1	6.1	6.2	6.1
	Petroleum	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.8	1.1
	Other	2.8	3.3	4.8	5.9	5.7	5.9	5.4	5.4	5.7	5.7
Totals	31.0	35.8	47.0	51.3	58.5	65.2	72.3	74.5	80.4	75.0	
Japan	Autocatalyst: gross	7.8	9.0	10.6	13.4	15.6	19.1	18.7	18.8	19.0	18.5
	recovery	-1.9	-1.9	-1.7	-1.7	-1.9	-1.7	-1.1	-1.1	-1.1	-1.9
	Chemical	0.6	0.6	0.8	0.9	1.2	1.2	1.6	1.6	1.7	1.7
	Electrical	2.3	2.8	2.5	1.7	1.2	1.6	2.0	1.7	1.1	0.9
	Glass	2.0	2.0	2.6	1.9	2.7	2.8	2.9	3.1	2.6	2.5
	Investment	3.4	-2.9	1.4	1.2	-0.3	0.5	-0.5	-2.0	-1.9	8.6
	Jewellery	41.1	33.0	23.3	24.3	20.5	17.4	15.9	11.2	5.6	1.7
	Petroleum	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
	Other	1.1	1.1	1.1	1.7	1.2	1.2	1.4	1.3	1.4	1.4
Totals	56.6	43.9	40.8	43.5	40.4	42.3	41.1	34.8	28.6	33.7	
North America	Autocatalyst: gross	16.6	19.3	24.7	17.7	27.5	24.8	25.5	22.0	26.4	17.4
	recovery	-9.8	-10.9	-11.5	-11.8	-13.0	-13.5	-15.7	-17.9	-18.8	-19.0
	Chemical	3.0	3.1	3.1	3.1	3.0	2.8	3.1	3.1	3.0	3.0
	Electrical	3.7	4.5	3.7	3.0	2.6	2.8	3.0	2.3	1.7	0.9
	Glass	0.8	1.6	1.1	0.9	-0.9	-0.3	0.2	0.3	0.8	-0.1
	Investment	1.9	1.1	1.4	1.2	0.8	0.8	0.8	0.6	0.9	1.2
	Jewellery	10.3	11.8	8.7	9.6	9.6	9.0	8.5	7.6	6.8	6.1
	Petroleum	1.2	1.1	1.3	1.4	1.2	1.1	1.0	1.1	1.0	0.8
	Other	5.9	6.5	7.8	8.2	6.7	6.4	6.9	7.0	6.7	6.7
Totals	33.6	38.1	40.3	33.4	37.5	33.9	33.3	26.1	28.5	17.0	
China	Autocatalyst: gross	0.2	0.3	0.5	1.1	1.9	2.3	3.7	4.8	5.4	5.8
	recovery	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.5
	Chemical	0.5	0.6	0.3	0.3	0.3	0.3	0.3	2.0	2.2	1.9
	Electrical	0.6	0.6	0.5	0.5	0.5	0.6	0.8	1.4	0.6	0.9
	Glass	0.8	1.1	2.0	1.2	0.9	1.9	2.2	1.6	5.6	3.9
	Investment	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
	Jewellery	29.5	34.2	40.4	46.0	37.3	31.4	27.2	23.6	24.3	26.4
	Petroleum	0.3	0.5	0.5	0.2	0.2	0.2	0.2	0.3	0.3	0.3
	Other	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.6
Totals	32.2	37.5	44.4	49.5	41.3	36.9	34.9	34.0	38.6	39.3	
Rest of the World	Autocatalyst: gross	8.0	9.0	9.6	10.7	11.5	10.0	9.2	11.8	14.2	13.8
	recovery	-0.5	-0.6	-1.1	-1.2	-1.6	-1.7	-1.9	-1.9	-2.2	-2.3
	Chemical	3.4	1.7	1.6	2.2	2.2	2.2	2.0	2.5	2.8	2.5
	Electrical	2.7	3.8	3.2	3.2	2.6	3.1	4.2	5.0	4.0	3.7
	Glass	2.0	2.6	3.0	3.0	3.6	4.5	5.6	7.3	5.1	6.1
	Investment	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.2
	Jewellery	3.0	3.1	2.8	2.8	4.7	3.3	3.4	2.5	2.3	2.2
	Petroleum	1.4	1.2	1.7	1.8	1.7	2.8	3.4	3.4	4.2	5.1
	Other	0.5	0.6	0.6	0.8	0.7	0.8	0.8	1.2	1.1	1.1
Totals	20.5	21.4	21.4	23.3	25.4	25.2	26.7	32.0	31.7	32.4	

* Totals may not add due to rounding

