

10 Foreign Trade

EXPORTS

Ores & Minerals

During the year 2007-08 the value of exports (including re-exports) of ores and minerals at Rs. 95,022 crore accounted for 14% of the total value of all merchandise exported from India. The export value rose from Rs. 79,790 crore in 2005-2006 to 80,931 crore in 2006-07 and further rose to Rs. 95,022 crore in 2007-08. The value of mineral exports showed an increase of 17.41% in 2007-08 as compared to that in the previous year.

Diamond (Total) continued to be the largest constituent item with a share of 60.2% in the total value of mineral exports in 2007-08. Next in order of share were iron ore with the contribution of 24.6%, followed by granite 4.5%, zinc ores & concentrates 1.4%, chromite 1.3%, bauxite 1.2% and alumina 1.1%. The individual share of remaining minerals in the total value of exports of ores and minerals from India, during the year under review, was less than one percent.

There was an increase in the value of exports in case of most of the principal minerals in 2007-08 as compared to that in the previous year. The significant increase was also observed in case of natural gas and coke by more than two times over the previous year. The other minerals which showed a significant growth in 2007-08 as compared to that in the previous year are bauxite 59%, chromite 54%, marble 45%, building and monumental stones NES 34%, iron ore 33%, diamond 19%, bentonite 17%, mica 15% and sandstone 14%. The export value, however, recorded a decline in case of petroleum

(crude) 67%, alumina 46%, lead ores and conc. 34%, zinc ores and conc. 26%, coal (excluding lignite) 11% and slate 10% as compared to that in the previous year.

Ores and Minerals were exported to 187 countries in 2007-08 as against 173 countries in 2006-07 (including country item "unspecified" in both the years). About ninety percent of the total value of exports of ores and minerals was confined to only nine countries. Out of these, exports to only six countries accounted for more than three-fourth of the total value of exports during the year. As in the earlier years, China occupied the top position in 2007-08 and in terms of value accounted for 27.7% of the total mineral exports. Hong Kong was in the second place and contributed 20.4% followed by USA 14.9%, UAE 8.7%, Belgium 8.5%, Israel 4.4%, Japan 2.9%, Thailand 1.7% and UK 1.2%. The individual share of remaining countries was less than one percent.

Countrywise analysis of mineral exports revealed that the increase in value of mineral exports was more than six times for Georgia and three times for Brazil and Nepal. The increase in the value of export in case of other countries was Chinese Taipei/Taiwan 50%, UAE 37.25%, China 32.45%, Switzerland 30.87%, Hong Kong 27.35%, Belgium 18.88% and UK 13.42%. However, value of exports of ores and minerals declined by 40.9% for Iran, 37.9% for Republic of Korea, 37% for Spain, 29.3% for Romania, 27.4% for Japan and 12.9% for Saudi Arabia as compared to the previous year (Tables - 1 to 3).

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Table – 1 : Exports* of Ores and Minerals, 2005-06 to 2007-08

(Value in Rs. '000)

Ores/Minerals	Unit	2005-06		2006-07		2007-08 (p)	
		Qty	Value	Qty	Value	Qty	Value
All Minerals			797899817		809307449		950224884
Abrasives (natural)	tonne	78635	332372	95697	461792	145278	816414
Alabaster	tonne	243	3651	107	519	2	9
Alumina	tonne	1025023	17733045	916531	18701242	688044	10166490
Andalusite	tonne	40	647	21	326	88	1263
Asbestos: Total	tonne	289	4604	525	6262	3942	9035
Asbestos (chrysotile)	tonne	...	...	++	3	23	343
Asbestos (amphibole)	tonne	17	1126	1	6	...	...
Asbestos (others)	tonne	272	3478	524	6253	3919	8692
Ballclay	tonne	4378	15188	10572	36162	12456	40459
Barytes	tonne	555437	1012913	629518	1475606	564800	1327465
Bauxite	tonne	2355277	3046206	5073894	7422155	7120899	11792383
Bentonite	tonne	465416	812362	480189	906621	462502	1061530
Borax: Total	tonne	2864	74427	900	47746	1745	37915
Natural borate	tonne	1747	20732	429	24750	1144	13703
Sodium borate	tonne	709	34834	136	6835	237	8006
Other borates	tonne	408	18861	335	16161	364	16206
Building & monumental stones, NES	tonne	842020	2163868	1055825	3373599	978346	4527245
Calcite	tonne	1132	4227	1366	5746	3222	9842
Chalk	tonne	258	1030	640	3294	614	3328
Chromite: Total	tonne	692673	6312148	1203060	7936861	906575	12230975
Chrome ore others	tonne	87524	1289759	418308	2953702	45360	435975
Chrome ore conc.	tonne	487624	3281140	736237	4767109	860157	11776035
Chrome ore lumps	tonne	117525	1741249	48515	216050	1058	18965
Clay others	tonne	8526	35399	19263	82183	23101	80419
Coal (excluding lignite)	'000 tonnes	1988	2667984	1548	3126709	1627	2770280
Lignite	'000 tonnes	++	1114	1	3852	++	1260
Coke	tonne	156165	784795	80186	339823	101799	1010898
Coal Gas	tonne	15416	598378	4267	115992	7354	187616
Cobalt (Ores & concs.)	tonne	443	17118	....	.....	451	105482
Copper ores & conc.	tonne	....	.....	44645	107149	565	16912
Corundum (natural)	tonne	60	402	291	2071	332	2773
Diamond: Total	X	**	514793835	**	479718676	**	572407881
Diamond (mostly cut)	carats	44387412	514027307	36746077	479301420	43179091	571778597
Diamond (industrial)	carats	302974	77956	268336	53031	355758	102241
Diamond (powder)	'000 carats	28715	688572	13586	364225	20519	527043
Diatomite	tonne	484	2338	490	2852	610	2838
Dolomite	tonne	12758	28883	11892	29719	14674	41139
Earth clay	tonne	1855	11430	1352	8667	2469	16545
Emerald (uncut & cut): Total	X	**	4190884	**	3730559	**	3618344
Emerald (uncut)	tonne	++	9778	4	38198	++	112752
Emerald (cut)	'000 carats	6650	4181106	4719	3692361	4703	3505592

(Contd.)

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Table - 1 (Contd.)

Ores/Minerals	Unit	2005-06		2006-07		2007-08 (p)	
		Qty	Value	Qty	Value	Qty	Value
Felspar (natural)	tonne	469052	907558	557565	1147834	427222	890716
Felspar (uncut & cut):							
Total	X	**	191767	**	48871	**	27788
Felspar (uncut)	tonne	1	3457	++	785	++	219
Felspar (cut)	'000 carats	319	188310	88	48086	64	27569
Fireclay	tonne	2665	12031	3511	12956	8354	18560
Flint	tonne	406	1415	432	1539	1193	3224
Fluorite (Fluorspar)	tonne	2626	9722	1111	7231	467	4642
Fuller's earth	tonne	82351	166034	39592	101807	84015	173576
Garnet (abrasive)	tonne	238519	792654	285440	1321213	261433	1277595
Garnet (cut & uncut): Total	X	**	64588	**	18278	**	1560
Garnet (uncut)	tonne	1	461	++	3754	++	162
Garnet (cut)	'000 carats	80	64127	28	14524	4	1398
Granite: Total	tonne	2841066	34905930	3291823	47248406	3701361	42874852
Granite (crude or roughly trimmed)	tonne	1681197	10397819	2147415	17033727	2563921	14794490
Granite (cut blocks/slabs)	tonne	465796	2957735	294407	2317061	336619	2230540
Granite (polished blocks/tiles)	tonne	496426	14975620	552414	17919800	413816	13325620
Granite (others)	tonne	197647	6574756	297587	9977818	387005	12524202
Graphite (natural)	tonne	2179	50128	1850	50012	1420	44538
Gypsum & plaster	tonne	88037	85182	116027	105938	120582	112769
Iron ore: Total	'000 tonnes	84046	168289431	91425	176562481	68473	233996998
Iron ore conc: non agglomerated	'000 tonnes	1940	3901344	1763	2958058	1917	5301553
Iron ore fines	'000 tonnes	58827	111663049	66183	124238851	48896	167642708
Iron ore lumps	'000 tonnes	19731	39671046	23046	47793601	15302	48044791
Iron ore pellets	'000 tonnes	3548	13052270	433	1571750	2358	13007549
Iron ore pyrites	'000 tonnes	++	1722	++	221	++	397
Kaolin	tonne	65259	270605	70233	339547	59457	299605
Kieselgurh	tonne	14	155	87	185	116	684
Kyanite	tonne	91	735	....	...	2471	17410
Lead ores & concs.	tonne	9838	293063	75410	4426791	1102514	2879336
Limestone	tonne	341070	332850	1271059	601630	879784	603376
Magnesite: Total	tonne	7143	57590	12677	88425	8697	79220
Magnesia (fused)	tonne	3616	28299	3852	26787	2373	21719
Magnesite (not calcined)	tonne	1055	6926	453	2732	904	7059
Magnesite (calcined)	tonne	721	6223	515	5122	222	968
Magnesia: dead-burnt	tonne	8	17	25	101	....	...
Magnesium oxide	tonne	1457	14533	2268	15465	3580	35557
Magnesite (others)	tonne	286	1592	5564	38218	1618	13917
Manganese ore: Total	tonne	237344	463610	157312	451953	208372	833870
Manganese ore (46% or more Mn)	tonne	60997	78739	984	5933	20538	69352
Manganese ore (35% or more but below 46% Mn)	tonne	2369	17336	1579	12270	67950	452810

(Contd.)

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Table - 1 (Contd.)

Ores/Minerals	Unit	2005-06		2006-07		2007-08 (p)	
		Qty	Value	Qty	Value	Qty	Value
Manganese ore (30% or more but below 35% Mn)	tonne	130700	267385	120641	348379	66778	167342
Manganese ore (others)	tonne	43278	100150	34108	85371	53106	144366
Marble: Total	tonne	259064	2494132	290112	2809996	311264	4083745
Marble (dressed)	tonne	198456	1611091	233027	1757662	247140	2877795
Marble (others)	tonne	60608	883041	57085	1052334	64124	1205950
Mica: Total	tonne	80173	1059992	80795	1089880	99888	1253411
Mica (unmanufactured):							
Total	tonne	79804	770111	80368	760097	99389	875533
Mica (blocks)	tonne	1406	62274	1082	57549	1374	58085
Mica (splittings)	tonne	1106	59865	871	46986	1463	68396
Mica (powder)	tonne	56772	465269	62072	503313	73682	550783
Mica (condenser films)	tonne	11	1489	313	2718	230	4881
Mica (waste & scrap)	tonne	20509	181214	16030	149531	22640	193388
Mica (worked): Total	tonne	369	289881	427	329783	499	377878
Mica (condenser films, plates cuts, NES)	tonne	4	5839	3	3159	4	2028
Mica (washers & discs)	tonne	22	18895	31	25840	42	25879
Mica (sheets & strips)	tonne	32	18123	21	13747	25	17895
Micanite & other built-up mica	tonne	25	15235	14	7649	11	8208
Mica (bricks)	tonne	++	79	++	335	++	366
Mica worked (others)	tonne	286	231710	358	279053	417	323502
Molybdenum Ores & Conc.	tonne	6276	46488	4712	53529	33	3048
Nickel ores & conc.	tonne	22	154	...	...	...	...
Niobium or tantalum ores & conc.	tonne	9	5278	19	9184	73	44976
Natural gas	tonne	79948	2571565	15408	531472	49812	1854344
Ochre: Total	tonne	5231	44361	4353	55852	6035	107231
Ochre (earth colours)	tonne	4105	23930	3266	24859	4775	36277
Ochre (persian red)	tonne	...	...	259	14051	456	46743
Ochre (red oxide)	tonne	1114	19782	790	15553	660	15176
Ochre (yellow ochre)	tonne	12	649	38	1389	144	9035
Petroleum (crude)	'000 tonnes	138	1328323	106	3250961	26	1085521
Potassium salts (natural)	tonne	2323	17161	2535	9871	10	783
Precious & semi-precious stones, NES:							
cut & uncut : Total	X	**	7430051	**	8124719	**	7637836
Precious & semi-precious stones (uncut)	tonne	2611	189998	20776	284029	1027	480874
Precious & semi-precious stones (cut)	'000 carats	17103	7240053	18226	7840690	13674	7156962
Precious metals							
ores/conc.: Total	kg	28852091	1015046	10160107	1010789	98400	582778
Gold ores & conc.	kg	28819000	791220	25771	740351	...	...
Precious metals ores & conc. (others)	kg	26631	220777	134336	216439	73800	582589
Silver ores/conc.	kg	6460	3049	10000000	53999	24600	189

(Contd.)

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Table - 1 (Concl'd.)

Ores/Minerals	Unit	2005-06		2006-07		2007-08 (p)	
		Qty	Value	Qty	Value	Qty	Value
Quartz & quartzite (natural)	tonne	152357	538790	185717	614780	160456	638649
Quartz (natural)	tonne	102239	328543	142868	394056	114832	402639
Quartzite (natural)	tonne	50118	210247	42849	220724	45624	236010
Rock phosphate	tonne	921	7342	1181	17053	3182	13504
Salts (other than common salt)	tonne	1512741	1245396	1363821	878262	686078	728436
Sand, excluding metal bearing	tonne	211195	227942	237691	235058	413598	386569
Sandstone	tonne	657755	3759864	1132910	6006621	1217781	6867992
Silica sand	tonne	33556	289310	69579	409954	88701	279705
Sillimanite	tonne	1891	11229	328	3177	1445	9630
Slate: Total	tonne	176684	2107393	195957	2350410	170448	2110100
Slate (worked)	tonne	49059	910627	56279	1029758	27448	629955
Slate (others)	tonne	127625	1196766	139678	1320652	143000	1480145
Steatite/soapstone: Total	tonne	47085	272631	112534	462377	153813	731868
Steatite/soapstone blocks	tonne	3614	23352	5692	24941	5806	28728
Steatite/soapstone lumps	tonne	4939	24285	5571	27831	6278	26486
Steatite/soapstone powder & others	tonne	38532	224994	101271	409605	141729	676654
Sulphur (excluding sublimed, ppt & colloidal)	tonne	5346	124630	136584	1386068	3578	53604
Tin ores & conc.	tonne	...	...	++	4	...	...
Titanium ores & concentrates: Total	tonne	438105	2021708	311489	1745588	255337	1667759
Titanium ores & conc.: Ilmenite	tonne	421860	1679362	300401	1468763	254805	1654667
Titanium ores & conc.: rutile	tonne	15305	330732	10068	254404	521	12726
Titanium ores & conc. (other)	tonne	940	11614	1020	22421	11	366
Tripoli earth	tonne	10	76	...	...	...	...
Tungsten ores & conc.	tonne	2	383	415	11452	133	2805
Vanadium ores & conc.	tonne	10	312	...	...	...	...
Vermiculite	tonne	1353	6760	2351	9777	1005	6935
Witherite	tonne	5	32	...	...	120	1349
Wollastonite	tonne	18466	157856	17760	166933	23643	211450
Zinc ores & conc.	tonne	433648	9056734	3174196	17337315	506774	12879413
Zirconium ores & conc.	tonne	94	5154	33	1933	123	1275
Other minerals, NES	tonne	641879	509428	689412	543154	612109	553109

Source : DGCI & S, Kolkata

* Including re-exports.

** Quantity not given due to partial coverage; value figures, however, have full coverage.

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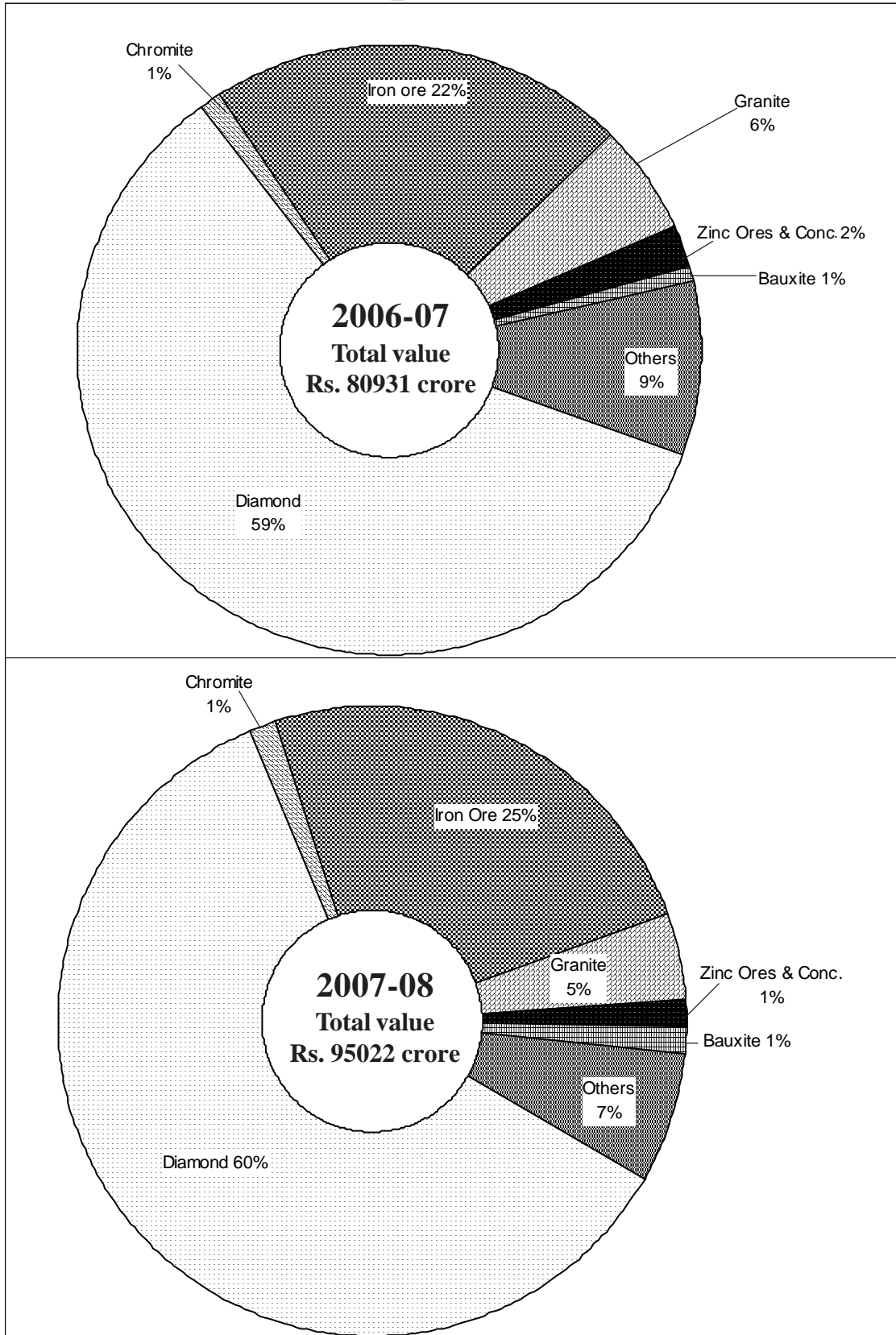
**Table – 2 : Value of Exports* of Ores & Minerals, 2005-06 to 2007-08
(by Principal Ores & Minerals)**

Ores & minerals	2005-06		2006-07		2007-08 (p)		% increase (+) or decrease (-) in 2007-08 over 2006-07
	Value (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	
All Minerals	797899817	100.00	809307449	100.00	950224884	100.00	17.41
Diamond	514793835	64.52	479718676	59.28	572407881	60.24	19.32
Iron ore	168289431	21.09	176562481	21.82	233996998	24.63	32.53
Granite	34905930	4.37	47248406	5.84	42874852	4.51	-9.26
Zinc ores & conc.	9056734	1.14	17337315	2.14	12879413	1.36	-25.71
Chromite	6312148	0.79	7936861	0.98	12230975	1.29	54.10
Bauxite	3046206	0.38	7422155	0.92	11792383	1.24	58.88
Alumina	17733045	2.22	18701242	2.31	10166490	1.07	-45.64
Precious & semi-precious stones (cut & uncut): Total	7430051	0.93	8124719	1.00	7637836	0.80	-5.99
Sandstone	3759864	0.47	6006621	0.74	6867992	0.72	14.34
Building & monumental stones, NES	2163867	0.27	3373599	0.42	4527245	0.48	34.20
Marble	2494132	0.31	2809996	0.35	4083745	0.43	45.33
Emerald (cut & uncut)	4190884	0.53	3730559	0.46	3618344	0.38	-3.01
Lead ores & conc.	293063	0.04	4426791	0.55	2879336	0.30	-34.96
Coal (excluding lignite)	2667984	0.33	3126709	0.39	2770280	0.29	-11.40
Slate	2107393	0.26	2350410	0.29	2110100	0.22	-10.22
Natural gas	2571565	0.32	531472	0.07	1854344	0.20	248.91
Titanium ores & conc.	2021708	0.25	1745588	0.22	1667759	0.18	-4.46
Barytes	1012913	0.13	1475606	0.18	1327465	0.14	-10.04
Garnet (abrasive)	792654	0.10	1321213	0.16	1277595	0.13	-3.30
Mica	1059992	0.13	1089880	0.13	1253411	0.13	15.00
Petroleum (crude)	1328323	0.17	3250961	0.40	1085521	0.11	-66.61
Bentonite	812362	0.10	906621	0.11	1061530	0.11	17.09
Coke	784795	0.10	339823	0.04	1010898	0.11	197.48
Other minerals	8270938	1.04	9769745	1.21	8842491	0.93	-9.49

Source : DGCI & S, Kolkata

* Including re-exports.

Value of Mineral Exports, 2006-07 and 2007-08



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**Table – 3 : Value of Exports* of Ores & Minerals, 2005-06 to 2007-08
(by Principal Countries)**

Country	2005-06		2006-07		2007-08 (p)		% increase (+) or decrease (-) in 2007-08 over 2006-07
	Value (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	
All Countries	797899817	100.00	809307449	100.00	950224884	100.00	17.42
China	175109180	21.95	198351847	24.51	262713335	27.65	32.45
Hong Kong	145824422	18.28	152444303	18.84	194138297	20.43	27.35
USA	135387303	16.97	133691875	16.52	141615814	14.90	5.93
UAE	54325120	6.81	59945152	7.41	82271997	8.66	37.25
Belgium	66414840	8.32	67998050	8.40	80835943	8.51	18.88
Israel	36112236	4.53	39726181	4.91	41792870	4.40	5.20
Japan	38670033	4.85	37314374	4.61	27089536	2.85	-27.40
Thailand	14882777	1.87	15696595	1.94	16118434	1.70	2.69
UK	7151153	0.90	9751547	1.20	11060582	1.16	13.42
Korea, Republic of	11277523	1.41	14148604	1.75	8780021	0.92	-37.94
Italy	5985786	0.75	7156427	0.88	7099150	0.75	-0.80
Singapore	53729405	6.73	7027409	0.87	6547929	0.69	-6.82
Switzerland	5587389	0.70	4705532	0.58	6158361	0.65	30.87
Australia	3826815	0.48	5129232	0.63	5449873	0.57	6.25
Germany	4871674	0.61	5069377	0.63	5358013	0.56	5.69
Chinese Taipei/Taiwan	1733524	0.22	2912279	0.36	4369251	0.46	50.03
Bangladesh	3211184	0.40	4443523	0.55	3908151	0.41	-12.05
Canada	2211122	0.28	3212491	0.40	2998292	0.32	-6.67
Nepal	1286747	0.16	1335553	0.17	2808617	0.30	110.30
Netherlands	2775861	0.35	2708713	0.33	2745267	0.29	1.35
France	2053496	0.26	2300657	0.28	2502040	0.26	8.75
Spain	2195324	0.28	3635174	0.45	2289616	0.24	-37.01
Georgia	426186	0.05	469475	0.06	2018283	0.21	329.90
Malaysia	1435377	0.18	1661981	0.21	1845699	0.19	11.05
Saudi Arabia	1195648	0.15	2075535	0.26	1806718	0.19	-12.95
Romania	780716	0.10	2508184	0.31	1772158	0.19	-29.34
Turkey	1151897	0.14	1551062	0.19	1727530	0.18	11.38
South Africa	1526905	0.19	1625168	0.20	1508904	0.16	-7.15
Brazil	518042	0.06	473103	0.06	1060708	0.11	124.20
Iran	2287473	0.29	1699032	0.21	1004656	0.11	-40.87
Unspecified	1912532	0.24	2160281	0.27	3398983	0.36	57.34
Other countries	12042127	1.51	16378733	2.02	15429856	1.62	-5.79

Source : DGCI & S, Kolkata

** Including re-exports.*

The countrywise details relating to some of the commodities are not available from the source agency. The figures in respect of such commodities have been grouped under country item "unspecified".

Metals & Alloys

The value of exports of metals & alloys at Rs.66,361 crore in the year 2007-08 registered an increase of 5.98% as compared to that of 62,621 crore in the previous year. The contribution of metals & alloys in the total value of India's exports was 10% during the year under review.

Iron & steel with a share of 62.6% continued to hold the top position in the total value of metals exported from India in 2007-08. Copper and alloys (including brass and bronze) came in second place and accounted for 17.7% . Aluminium alloys & scrap and ferro-alloys occupied the third and fourth place with a contribution of 6.8% each. The contribution of pig and cast iron including spiegeleisen was 2.04%, that of zinc and alloys including scrap was 1.9% and precious metals/metals clad with precious metals was 1.1% . The individual share of other remaining metals and alloys was less than one percent.

As compared to the previous year, the value of exports for different important metals has shown a significant rising trend in 2007-08 over previous year. The export value of gold (non-monetary and monetary) total and titanium and alloys (including waste and scrap) increased by more than three times and two times, respectively, while that of ferro-alloys more than doubled during the year under review. The export value of lead and alloys including scrap increased by 80.3%, precious metals/metals clad with precious metals by 56.3%, pig and cast iron including spiegeleisen increased by 43.7%, platinum alloys and related metals by 36.4%, cobalt and scrap including waste and scrap by 21% and selenium by 18.3%. However, the exports value of zinc and alloys including scrap declined by 62.1%, silver by 42.7%, tungsten and alloys including scrap by 35.8% and copper and alloys (including brass and bronze) by 14.7% as compared to that of the previous year.

India exported metals & alloys to 205 countries (including country item `unspecified') in 2007-08 as against 204 countries in the preceding year. Bulk of the metals and alloys were having share more than 1% to total value, exported to 23 countries. These countries together accounted for about 77% of the total value of exports during 2007-08. USA with a share of 12.6% continued to occupy the top position during 2007-08 followed by UAE in second position with a share of 7.7%. Saudi Arabia with a share of 5.5% was in third place followed by Belgium with 4.3%, China 4%, Italy 3.9%, Malaysia and Republic of Korea 3.4% each and Germany, Oman, Singapore and UK 3% each. The individual shares of Netherlands, Thailand, Indonesia, Japan, Iran, Chinese Taipei/Taiwan, Spain, Nigeria, Sri Lanka, Vietnam, Japan and Turkey ranged between 1 and 2% and less than one percent in respect of the remaining countries.

The increase in the value of exports of metals & alloys during 2007-08 over 2006-07 was 85% for Netherlands, 63.9% for Sweden, 57.7% for Oman, 46.1% for Germany, 42% for Pakistan, 41% for Republic of Korea, 39.4% for Thailand, 36.1% for Djibouti, 28.6% for France, 27.3% for Canada and 22.2% for Kenya. The value of exports to Malaysia, Japan, Nigeria, Egypt, Nepal and Iraq rose to more than double. In case of Peru and Romania, it increased by more than six times and three times, respectively, during the year under review. The value of exports of metals & alloys, however, showed a decline for South Africa by 51%, China by 46%, Hong Kong by 44%, Italy by 26%, Belgium by 21%, Chinese Taipei/Taiwan by 16%, Kuwait by 15%, Singapore by 14% and Bangladesh by 6% during 2007-08 compared to the previous year (Tables - 4 to 6).

Exports of selected mineral-based products during 2005-06 to 2007-08 are furnished in Table - 7.

FOREIGN TRADE

Table – 4 : Exports of Metals and Alloys, 2005-06 to 2007-08

(Value in Rs. '000)

Metals and Alloys	Unit	2005-06		2006-07		2007-08 (p)	
		Qty.	Value	Qty.	Value	Qty.	Value
All Metals and Alloys			396574529		626211562		663607947
Aluminium alloys & scrap	tonne	230147	26836774	272540	37238999	359124	45214886
Antimony alloys & scrap	tonne	5	4551	2159	418875	24	6466
Bismuth & scrap	tonne	3	1766	9	5766	16	19350
Boron	tonne	33	4012	89	14499	341	34575
Cadmium waste & scrap	tonne	336	44045	155	30624	174	57029
Cement copper (precipitated)	tonne	1	183	10	1190	18	3784
Chromium & alloys (scrap)	tonne	54	7123	4	2243	37	8453
Cobalt alloys & scrap: Total	tonne	357	476939	476	560860	371	678587
Cobalt & alloys	tonne	357	476939	415	544086	331	666072
Cobalt (scrap)	tonne	...	...	61	16774	40	12515
Copper & alloys (including brass & bronze): Total	tonne	355806	67328851	450212	137613388	415618	117438156
Copper and alloys	tonne	300180	56888343	393695	123165668	374822	106719803
Copper (scrap)	tonne	1568	245682	363	84554	443	130690
Copper alloys (scrap)	tonne	++	39	...	...	++	42
Brass & bronze	tonne	52233	9956356	52361	13605797	39548	10407066
Brass & bronze (scrap)	tonne	1825	238431	3793	757369	805	180555
Ferro-alloys: Total	tonne	423534	11797470	510578	16427788	878718	44849514
Ferro-boron	tonne	...	...	4	64	++	38
Ferro-chrome	tonne	255997	7309109	287761	9939296	482953	24800480
Charge-chrome	tonne	2872	106576	++	14	...	...
Ferro-manganese	tonne	23733	661144	54227	1552885	114461	5921631
Ferro-molybdenum	tonne	342	12920	465	23603	820	39502
Ferro-nickel	tonne	...	...	10	1059	...	...
Ferro-niobium	tonne	12	426	177	9524	316	12745
Ferro-phosphorus	tonne	396	7885	807	16574	1136	24453
Ferro-selenium	tonne	...	...	...	...	2	118
Ferro-silicon	tonne	7859	239124	7943	263951	9377	443320
Ferro-titanium	tonne	159	9195	131	7168	146	7952
Ferro-tungsten	tonne	84	3963	32	1272	8	708
Ferro-vanadium	tonne	101	19087	1972	40666	788	49296
Ferro-zirconium	tonne	++	18	37	624	30	1814
Ferro-silico-chrome	tonne	268	6027	122	4800	64	5561
Ferro-silico-magnesium	tonne	281	8279	2743	98645	2157	107875

(Contd.)

FOREIGN TRADE

Table - 4 (Contd.)

Metals and Alloys	Unit	2005-06		2006-07		2007-08 (p)	
		Qty.	Value	Qty.	Value	Qty.	Value
Ferro-silico-manganese	tonne	119273	2977157	152052	4423577	262591	13325024
Ferro-alloys (others)	tonne	12157	436560	2095	44066	3869	108997
Gold, non-monetary & monetary: Total	kg	427	13237	2747	45450	4128	187615
Gold, non-monetary: Total	kg	427	13237	2747	45450	4128	187615
Gold, non monetary: powder	kg	400	514	21	20899	2	39
Gold, non monetary:							
Other unwrought forms	kg	...	...	11	9462	2	101111
Other semi-manufactured forms	kg	27	12723	2715	15089	4124	86465
Gold-clad metals/ base metals, NES	tonne	++	661	22	2991	62	442
Iron & steel: Total	tonne	6728301	276575518	8421409	381363178	8246268	415266584
Iron & Steel (finished steel including C.R. sheets)	tonne	3276524	127255172	4006026	179647088	4186946	195278361
Iron & steel (semi-finished steel including ingots)	tonne	2291509	67419581	3060269	103540729	2521576	101149361
Iron & steel (steel wire)	tonne	89824	6670929	102569	10628635	107514	12555218
Iron & steel (sponge iron)	tonne	29009	369504	59006	710461	49599	723310
Iron & steel (scrap)	tonne	6610	185038	84874	478344	106758	1099068
Iron & steel: alloy steel (granules)	tonne	659	29522	346	9150	1384	31043
Iron & steel material	tonne	357	11273	...	...	++	17
Iron & steel:							
Alloy steel (powder))	tonne	1160	68189	507	31917	555	29862
Iron & steel (other finished steel, NES)	tonne	1032649	74566310	1107812	86316854	1271936	104400344
Lead and alloys & scrap: Total	tonne	10007	769640	15535	1232327	19806	2222252
Lead & alloys	tonne	9864	764975	15167	1223259	19733	2215620
Lead (scrap)	tonne	143	4665	368	9068	73	6632
Magnesium & scrap	tonne	68	5874	45	8365	119	28567
Manganese & alloys (including waste & scrap)	tonne	35	12391	9	7846	378	57427
Manganese & alloys (unwrought & wrought)	tonne	1	96	++	88	344	44474
Manganese & alloys, NES	tonne	33	12210	9	7758	34	12953
Manganese waste & scrap	tonne	1	85	...	...	...	...
Mercury	tonne	14	4499	12	8241	17	3174
Molybdenum & scrap	tonne	11	44082	13	55920	11	38578

(Contd.)

FOREIGN TRADE

Table - 4 (Concl'd.)

Metals and Alloys	Unit	2005-06		2006-07		2007-08 (p)	
		Qty.	Value	Qty.	Value	Qty.	Value
Nickel and alloys							
(including scrap): Total	tonne	1812	896854	1550	1183176	1670	1097023
Nickel & alloys	tonne	1773	880888	1439	1146241	1548	1026282
Nickel (scrap)	tonne	39	15966	111	36935	122	70741
Other rare metals, NES	tonne	4	2256	5	3698	++	763
Pig & cast iron including spiegeleisen	tonne	415531	5076498	660842	9421777	819926	13541946
Platinum, alloys & related metals: Total	kg	1077	475288	659	638143	1987	870092
Platinum (powder, unwrought & others)	kg	852	451211	597	592227	1174	829635
Other metals of platinum group	kg	225	24077	62	45916	813	40457
Platinum-clad base/ precious metals	kg	8315	15467	170	102832	190	2069
Precious metals/metals clad with precious metals	tonne	109	2101686	461	4691360	430	7330645
Selenium	tonne	49	94674	129	244781	589	289616
Silver	tonne	15	199025	66	814177	23	466489
Silver-clad base metals	kg	430	1572	91	888	351	3196
Silicon	tonne	584	26363	183	7709	567	35499
Tantalum & scrap: Total	tonne	3	6053	2	4793	19	20468
Tantalum alloys unwrought	tonne	1	4978	++	4207	2	13881
Tantalum & scrap	tonne	2	1075	2	586	17	6587
Tellurium	tonne	...	...	...	...	12	127
Tin and alloys							
(including scrap)	tonne	29678	1167109	5493	800063	5544	813385
Tin & alloys	tonne	28008	1004581	4427	690685	4476	686068
Tin & alloys: worked	tonne	1594	155501	893	87820	800	96435
Tin (scrap)	tonne	76	7027	173	21558	268	30882
Titanium & scrap	tonne	87	79353	121	90626	154	313275
Tungsten alloys & scrap	kg	243967	394101	272735	495396	113583	318028
Vanadium & scrap	tonne	10890	104845	1300	1478	6169	506
Zinc and alloys							
(including scrap)	tonne	20508	1999324	189249	32663605	81536	12387574
Zinc & alloys	tonne	20427	1992584	188730	32613492	81274	12322091
Zinc (scrap)	tonne	81	6740	519	50113	262	65483
Zirconium & scrap	tonne	27	6445	24	8510	++	1807

Source : DGCI & S, Kolkata.

FOREIGN TRADE

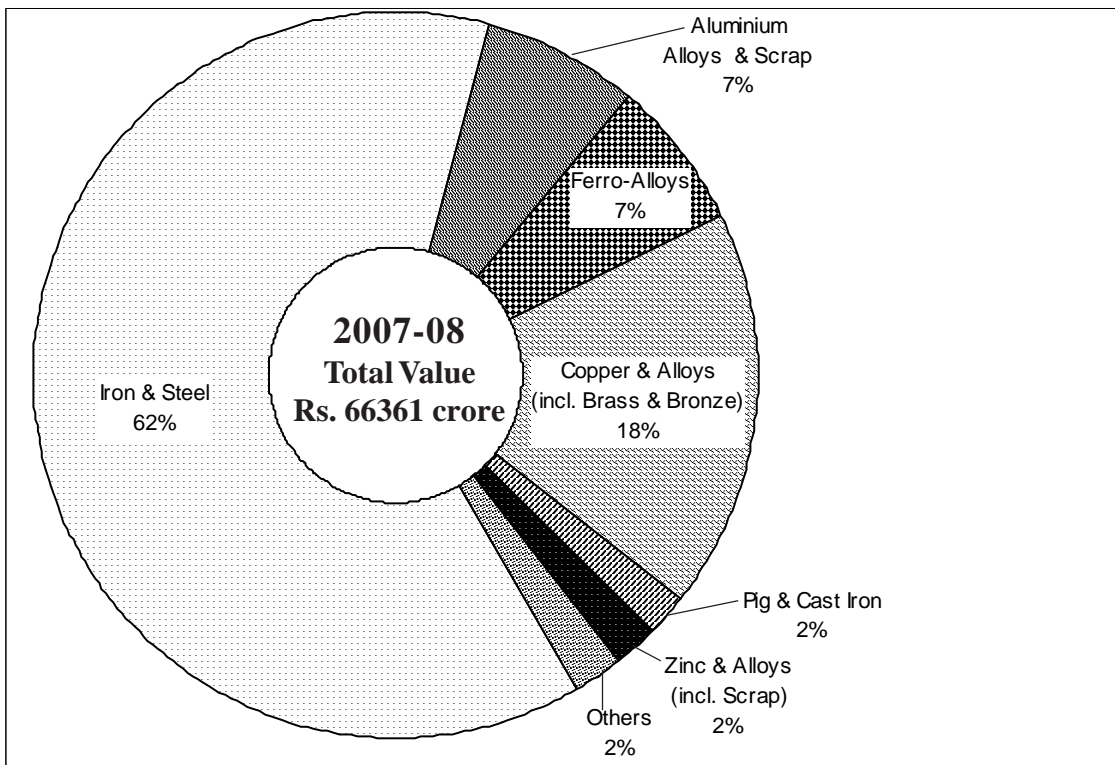
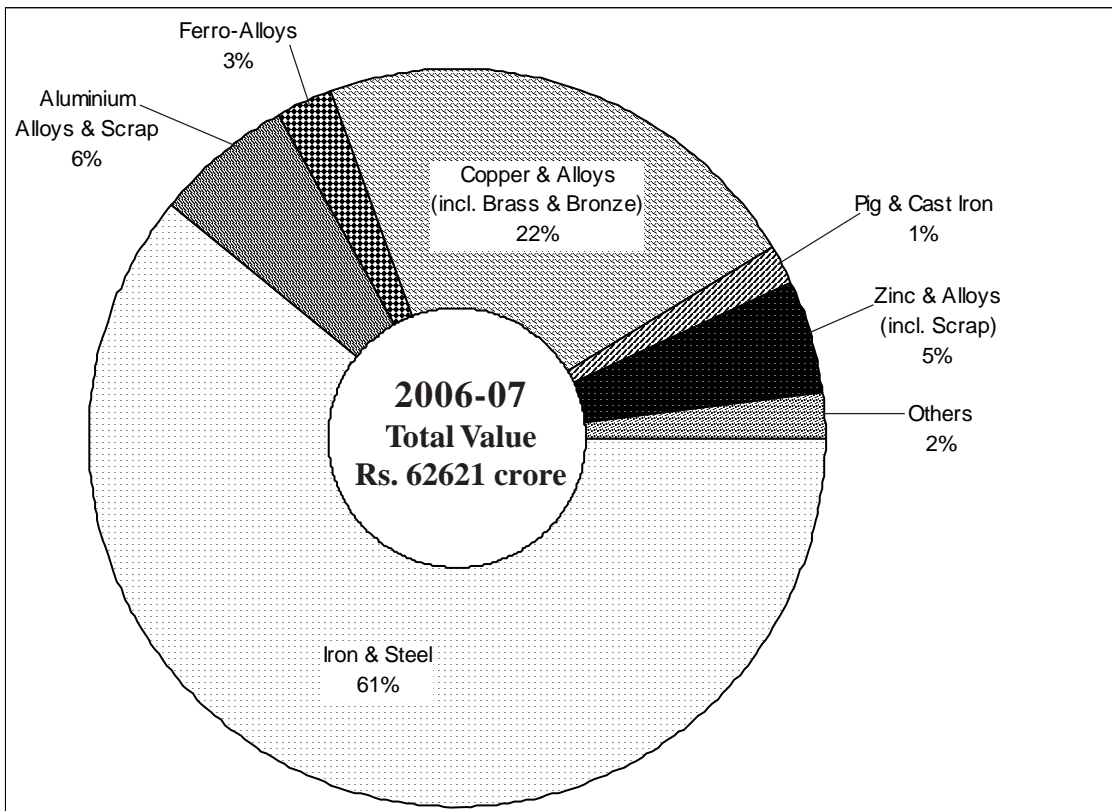
**Table – 5 : Value of Exports of Metals & Alloys, 2005-06 to 2007-08
(by Principal Metals & Alloys)**

Metals & Alloys	2005-06		2006-07		2007-08 (p)		% increase (+) or decrease (-) in 2007-08 over 2006-07
	Value (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	
All Metals & Alloys	396574529	100.00	626211562	100.00	663607947	100.00	5.98
Iron & steel	276575518	69.74	381363178	60.90	415266584	62.58	8.89
Copper & alloys (including brass & bronze)	67328851	16.98	137613388	21.98	117438156	17.70	-14.66
Aluminium & alloys including scrap	26836774	6.77	37238999	5.95	45214886	6.81	21.42
Ferro-alloys	11797470	2.97	16427788	2.62	44849514	6.76	173.01
Pig & cast iron (including spiegeleisen)	5076498	1.28	9421777	1.50	13541946	2.04	43.73
Zinc & alloys including scrap	1999324	0.50	32663605	5.22	12387574	1.87	-62.08
Precious metals/metals clad with precious metals	2101686	0.53	4691360	0.75	7330645	1.10	56.26
Lead & alloys including scrap	769640	0.19	1232327	0.20	2222252	0.33	80.33
Nickel & alloys including scrap	896854	0.23	1183176	0.19	1097023	0.17	-7.28
Platinum alloys & related metals	475288	0.12	638143	0.10	870092	0.13	36.35
Tin & alloys including scrap	1167109	0.29	800063	0.13	813385	0.12	1.67
Cobalt & alloys (including waste and scrap)	476939	0.12	560860	0.09	678587	0.10	20.99
Silver	199025	0.05	814177	0.13	466489	0.07	-42.70
Tungsten & alloys including scrap	394101	0.10	495396	0.08	318028	0.05	-35.80
Titanium & alloys (including waste & scrap)	79353	0.02	90626	0.01	313275	0.05	245.68
Selenium	94674	0.02	244781	0.04	289616	0.04	18.32
Gold (non-monetary & monetary): Total	13237	0.00	45450	0.01	187615	0.03	312.79
Other metals & alloys	292188	0.07	686468	0.11	322280	0.05	-53.05

Source : DGCI & S, Kolkata

FOREIGN TRADE

Value of Exports of Metals & Alloys, 2006-07 and 2007-08



FOREIGN TRADE

**Table – 6 : Value of Exports of Metals & Alloys, 2005-06 to 2007-08
(by Principal Countries)**

Country	2005-06		2006-07		2007-08 (p)		% increase (+) or decrease (-) in 2007-08 over 2006-07
	Value (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	
All Countries	396574529	100.00	626211562	100.00	663607947	100.00	5.98
USA	58780021	14.82	79092860	12.63	83356557	12.56	5.39
UAE	41839557	10.55	49715576	7.94	51101079	7.70	2.79
Saudi Arabia	12822378	3.23	37392813	5.97	36448585	5.49	-2.53
Belgium	11391449	2.87	36056442	5.76	28554391	4.30	-20.81
China	24920782	6.28	49505350	7.91	26599116	4.01	-46.27
Italy	10438529	2.63	34714121	5.54	25640030	3.86	-26.14
Malaysia	6000464	1.51	11087852	1.77	22436631	3.38	102.35
Korea, Republic of	9326919	2.35	15778023	2.52	22243238	3.35	40.98
Germany	10660251	2.69	13887140	2.22	20292682	3.06	46.13
Oman	8586325	2.17	12769464	2.04	20141800	3.04	57.73
Singapore	12237660	3.09	22009805	3.51	18934722	2.85	-13.97
UK	13992737	3.53	18338939	2.93	17971787	2.71	-2.00
Netherlands	4708967	1.19	8908163	1.42	16480019	2.48	85.00
Thailand	8930458	2.25	11423941	1.82	15919992	2.40	39.36
Indonesia	11743796	2.96	14684358	2.34	15739518	2.37	7.19
Japan	3141283	0.79	6723588	1.07	14190648	2.14	111.06
Iran	12748032	3.21	12857537	2.05	13094327	1.97	1.84
Chinese Taipei/Taiwan	7917245	2.00	14427327	2.30	12169277	1.83	-15.65
Spain	5220028	1.32	10098602	1.61	11970383	1.80	18.54
Nigeria	7727041	1.95	5088491	0.81	11021657	1.66	116.60
Sri Lanka	9948066	2.51	9719942	1.55	9518523	1.43	-2.07
Vietnam	4678491	1.18	7025677	1.12	8136621	1.23	15.81
Turkey	2335342	0.59	6114482	0.98	6881977	1.04	12.55
Hong Kong	4743863	1.20	10082293	1.61	5634346	0.85	-44.12
Egypt	1294369	0.33	2445748	0.39	5467109	0.82	123.54
Bangladesh	7359853	1.86	5705213	0.91	5363273	0.81	-5.99
Canada	3776335	0.95	3948574	0.63	5025551	0.76	27.28
France	2948059	0.74	3800802	0.61	4887646	0.74	28.60
Djibouti	4487605	1.13	3547563	0.57	4829105	0.73	36.12
Nepal	1864770	0.47	2043420	0.33	4806908	0.72	135.24
Kenya	2187299	0.55	3908608	0.62	4775492	0.72	22.18
Iraq	1529555	0.39	1945974	0.31	4621990	0.70	137.52
Australia	4394440	1.11	4589826	0.73	4495037	0.68	-2.07
South Africa	5394731	1.36	8392513	1.34	4129389	0.62	-50.80
Sweden	1770430	0.45	2475463	0.40	4057817	0.61	63.92
Peru	288759	0.07	516753	0.08	4028237	0.61	679.53
Ghana	2049687	0.52	3465472	0.55	3935518	0.59	13.56
Kuwait	2692295	0.68	4481542	0.72	3817096	0.58	-14.83
Sudan	3159242	0.80	3275469	0.52	3535954	0.53	7.95
Romania	224642	0.06	728698	0.12	3525215	0.53	383.77
Pakistan	1925779	0.49	2447291	0.39	3476515	0.52	42.06
Other countries	44386995	11.19	70989847	11.34	74352189	11.20	4.74

Source : DGCI & S, Kolkata.

FOREIGN TRADE

Table – 7 : Exports of Selected Mineral-based Products, 2005-06 to 2007-08

(Value in Rs. '000)

Mineral-based product	Unit	2005-06		2006-07		2007-08 (p)	
		Qty.	Value	Qty.	Value	Qty.	Value
All Items		-	491945652	-	831998023	-	1098284342
Aluminium fluoride	tonne	4811	205985	9145	452461	10012	535084
Asbestos cement products	tonne	5550	100955	7982	184758	17432	257883
Bleaching powder	tonne	9879	265978	17971	504939	13496	482309
Boric acid	tonne	561	23656	788	30914	878	35950
Briquettes of coke, semi-coke of coal	tonne	1627	3108	8393	11630	167696	71340
Calcium carbide	tonne	2	215	43	1206	4	382
Caustic soda	tonne	26958	307649	29410	413109	32337	548300
Cement: Total	tonne	5638136	11153221	4816159	11473982	3422078	8220944
Cement (portland grey)	tonne	3581351	7128194	3960772	9417378	2797357	6219820
Cement (portland white)	tonne	165709	504847	143014	442198	147527	781675
Cement (clinkers)	tonne	1510956	2737752	628144	1469353	427632	1091698
Cement (others)	tonne	380120	782428	84229	145053	49562	127751
Cryolite (artificial)	tonne	171	6842	79	3697	401	17934
Graphite (artificial)	tonne	6472	464620	6877	624595	14586	1502772
Graphite bricks & shapes	tonne	117	1988	4	57	62	715
Graphite crucibles	tonne	3059	5152	393	22487	622	23840
Hydrofluoric acid	tonne	1139	56228	542	23973	811	35214
Manganese oxide: Total	tonne	2090	40643	1141	19006	1403	22716
Manganese oxides (other than manganese dioxide)	tonne	1315	28148	521	8415	969	16646
Manganese dioxide	tonne	775	12495	620	10591	434	6070
Non-ferrous ash & residues	tonne	387357	5164770	822678	1149770	264376	1528889
Petroleum products: Total	'000 tonne	21507	467200000	33624	810940000	39327	1076030000
Light distillates	'000 tonne	7565	170320000	12344	325810000	13901	421220000
Naptha	'000 tonne	4996	106740000	8411	214310000	9297	273650000
Other light distillates	'000 tonne	2569	63580000	3933	111500000	4604	147570000
Middle distillates	'000 tonne	11366	261520000	15171	399930000	18931	549180000
Heavy ends	'000 tonne	2576	35360000	6109	85200000	6495	105630000

(Contd.)

FOREIGN TRADE

Table - 7 (Concl'd.)

Minerals-based product	Unit	2005-06		2006-07		2007-08 (p)	
		Qty.	Value	Qty.	Value	Qty.	Value
Other refractory manufactures	tonne	33111	1111632	44639	1276342	58384	1731102
Phosphoric acid	tonne	3240	128081	10234	107692	59358	820332
Phosphorus (elemental)	tonne	409	65489	415	64284	603	60601
Phosphatic fertilizers	tonne	1564	47976	7420	53613	9895	150401
Potash fertilizer	tonne	9986	81944	12844	129881	27436	307544
Potassium nitrate	tonne	143	8604	127	16064	101	7998
Refractory bricks/ fire bricks	tonne	73329	1176356	172877	1444285	118964	2065883
Silicon carbide crucibles	tonne	2148	165332	2698	133199	1905	129802
Slag Dross	tonne	18039	35403	64544	268335	452818	987895
Soda ash	tonne	197226	1554455	136991	1047173	73190	730983
Sodium fluoride	tonne	112	1909	322	5994	244	5843
Sodium nitrate	tonne	67	2178	3	87	206	2926
Sodium nitrite	tonne	1585	25448	1822	35772	1181	24993
Sulphur (sublimed, ppt & Colloidal): Total	tonne	34908	1011116	5119	319521	7206	330859
Sulphur (colloidal)	tonne	241	9224	65	723	1283	6011
Sulphur (precipitated)	tonne	298	3787	111	2463	758	4444
Sulphur (sublimed)	tonne	34369	998105	4943	316335	5165	320404
Titanium dioxide: Total	tonne	32876	1528719	16682	1239198	35722	1612908
Titanium dioxide	tonne	16393	1152598	13311	1072318	12799	971781
Titanium oxides (other than Titanium dioxide)	tonne	16483	376121	3371	166880	22923	641127

Source : DGCI & S, Kolkata.

IMPORTS

Ores & Minerals

The value of imports of ores & minerals in 2007-08 accounted for 35% of the total value of all merchandise imported into India. During 2007-08, the total value of imports of ores and minerals at Rs. 349,507 crore registered a rise of 15% as compared to Rs. 305,028 crore during 2006-07.

Petroleum (crude) continued to be the largest constituent item with a share of 73.7% in the total value of mineral imports in 2007-08. Next in order of importance was diamond (total) with a share of 8.9% followed by coal (excluding-lignite) with the contribution of 5.9%, copper ores & concentrates 4.6%, natural gas 2.7% and coke 1.5%. The combined share of these six minerals was about 97.3% in 2007-08 as against 97.6% in the previous year.

There was an increase in the value of imports of petroleum (crude) by 20.8%, and that of coal (excluding-lignite) 24.3%, natural gas 37.8%, coke 27.4%, marble 24.8%, limestone 61.2%, emerald (cut and uncut) 34.5%, cobalt ores and conc. 55.1%, fluorite (fluorspar) 40.6%, gypsum 51.9%, ball clay 74.8% and building and monumental stones 18.4% during the year 2007-08 as compared to that in the previous year. The import value of sulphur (excluding sublimed, precipitated and colloidal) and bauxite rose to more than double during the year, that of manganese ore increased by more than two times and chromite increased significantly by more than 14 times during the year under review. The value of imports of copper ores and concentrates however, declined by 32.1% and that of alumina by 23.3%, molybdenum ores and concentrates by 18.9%, zinc ores and concentrates by 17.5%, iron ore by 27.1%, granite by 28.9%,

magnesite by 12.1% and precious and semi-precious stones (cut and uncut) by 9.6% during 2007-08 over the previous year.

During 2007-08, minerals were imported from 128 countries as against 126 countries in 2006-07 (both figures inclusive of country item "unspecified"). Approximately 97% of the total value of imports of ores & minerals was confined to 33 countries, out of which 8 countries accounted for about 70% share of the total value of minerals imported in 2007-08. As in the earlier years, Saudi Arabia occupying the top supplier's position in 2007-08 accounted for 17.5% of the total mineral imports in terms of value. Next in order was Iran with 11.5% share followed by UAE 8.8%, Nigeria 8.7%, Iraq 7.9%, Kuwait 7.1%, Australia 4.6% and Belgium 3.5%. The individual share of Malaysia, Qatar, Indonesia, Chile, China, Turkey, Yemen Republic, UK, Libya, Angola, Hong Kong and Egypt varied between 1 and 2% and that of remaining countries was less than one percent.

Countrywise analysis of imports of ores & minerals in 2007-08 revealed that imports value from South Africa increased by 95%, Guinea 85%, UAE 57%, Iran 34%, Jordan 29%, Saudi Arabia 23%, Algeria 18% and Kuwait 11% as compared to the previous year. The value of imports of ores and minerals from unspecified countries in 2007-08 rose to more than double and that of Angola, Oman, Sudan and Turkey by more than three to six times during the year under review. In terms of value, the imports from Libya showed a very high jump; more than 15 times growth in import was registered. Imports value, however, showed a decline of 51% in case of Venezuela, 39.5% for Brazil, 38.8% for Yemen Republic, 31.2% for USA, 20.3% for Israel, 19% for UK, 18.6% for Belgium, 16.9% for Chile and 14.6% for Indonesia (Tables - 8 to 10).

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Table – 8 : Imports of Ores and Minerals, 2005-06 to 2007-08

(Value in Rs. '000)

Ores/Minerals	Unit	2005-06		2006-07		2007-08 (p)	
		Qty	Value	Qty	Value	Qty	Value
All Minerals			2438387795		3050279536		3495065225
Abrasives (natural)	tonne	14220	136296	11426	122929	8032	68526
Alabaster	tonne	669	7712	552	7296	658	9777
Alumina	tonne	189469	4490222	347636	6980836	270441	5355140
Andalusite	tonne	3157	48563	4120	67189	5925	91306
Antimony ores and conc.	tonne	445	46727	478	51084	693	63692
Arsenic sulphide (natural)	tonne	35	1044	28	763	16	488
Asbestos: Total	tonne	236492	4149928	253382	5191128	311705	5899442
Asbestos (chrysotile)	tonne	54369	955943	57853	1180477	41017	808922
Asbestos (others)	tonne	182123	3193985	195529	4010651	270688	5090520
Ballclay	tonne	111051	519412	77014	423548	166340	740262
Barytes	tonne	260	7484	3181	16492	1369	12592
Bauxite	tonne	45240	363042	47138	403707	122911	873447
Bentonite	tonne	1615	64219	4987	105946	8025	135241
Borax: Total	tonne	59839	891692	63067	1017199	78625	1169576
Natural borate	tonne	20811	230519	23479	307278	29091	324289
Sodium borate	tonne	35069	565770	35712	600661	46914	737521
Other borates	tonne	3959	95403	3876	109260	2620	107766
Building & monumental stones, NES	tonne	596819	268709	1953299	577812	2089255	684053
Calcite	tonne	75386	283826	46465	102831	101471	349669
Chalk	tonne	16	628	69	1740	141	2659
Chromite: Total	tonne	5100	62258	4800	67817	121001	1064129
Chrome ore others	tonne	761	11109	2909	41583	47209	497017
Chrome ore conc.	tonne	59	758	63	924	-	-
Chrome ore lumps	tonne	4280	50391	1828	25310	73792	567112
Clay others	tonne	67516	245474	39676	191800	22775	120574
Coal (excluding lignite)	'000 tonnes	38587	149094610	43079	166886113	49792	207389726
Lignite	'000 tonnes	-	-	-	-	++	688
Coke	tonne	2619435	22186035	4686047	40210970	4247936	51231153
Coal gas	tonne	++	215	1	1497	++	323
Cobalt (ores & conc.)	tonne	8313	738872	9473	1250815	9953	1940501
Copper ores & conc.	tonne	1072905	51983852	2707369	238407046	1914178	161774736
Diamond: Total	X	**	396901480	**	331348334	**	312793577
Diamond (industrial)	carats	12244	22502	4503	107670	40912	624745
Diamond (mostly cut)	carats	124743440	396441496	119625535	330808846	114307558	311834220
Diamond (powder)	'000 carats	47795	437482	56848	431818	72601	334612
Diatomite	tonne	938	18236	1645	35273	1521	29696
Dolomite	tonne	2709	47430	52921	141058	7833	120739
Earth clay	tonne	94	1522	318	3447	19	657
Emerald (uncut & cut): Total	X	**	2389883	**	2330172	**	3133444
Emerald (uncut)	tonne	67	1243343	66	1627155	76	2100936
Emerald (cut)	'000 carats	1450	1146540	1203	703017	2637	1032508
Felspar (natural)	tonne	6032	27567	53127	133122	90	792
Felspar (uncut & cut): Total	X	**	8149	**	3878	**	7657
Felspar (uncut)	tonne	++	2164	++	3015	++	3909
Felspar (cut)	'000 carats	9	5985	++	863	1	3748
Fireclay	tonne	1	34	9	1658	1	75
Flint	tonne	481	3647	2541	6554	597	5598
Fluorite (Fluorspar)	tonne	105952	926385	131000	1172943	162110	1649331
Fuller's earth	tonne	2946	46458	2696	48441	-	-
Garnet (abrasive)	tonne	720	11994	94	1193	35	238

(Contd.)

FOREIGN TRADE

Table - 8 (Contd.)

Ores/Minerals	Unit	2005-06		2006-07		2007-08 (p)	
		Qty	Value	Qty	Value	Qty	Value
Garnet (cut & uncut) : Total	X	**	30949	**	52452	**	41253
Garnet (uncut)	tonne	2	4039	21	4852	++	1507
Garnet (cut)	'000 carats	122	26910	203	47600	132	39746
Granite: Total	tonne	19281	330710	41301	843620	37621	599360
Granite (crude or roughly trimmed)	tonne	11271	156059	18494	302412	20383	287386
Granite (cut blocks/slabs)	tonne	1222	26335	2401	34299	3439	47961
Granite (polished blocks/tiles)	tonne	5140	93184	14564	389753	7229	148290
Granite (others)	tonne	1648	55132	5842	117156	6570	115723
Graphite (natural)	tonne	8029	187575	9927	209100	11666	229768
Gypsum & plaster	tonne	75911	127697	421772	527720	582215	802051
Iron ore: Total	'000 tonnes	611	2737452	483	2451762	293	1788435
Iron ore conc.:							
Non-agglomerated	'000 tonnes	++	1295	-	-	++	12
Iron ore lumps	'000 tonnes	323	1240233	161	777406	-	-
Iron ore pellets	'000 tonnes	288	1491548	322	1671489	290	1773419
Iron ore pyrites	'000 tonnes	++	4376	++	2867	3	15004
Kaolin	tonne	40999	382633	29806	393054	43550	460541
Kieselgurh	tonne	1	141	23	1307	103	2643
Kyanite	tonne	435	5122	54	1798	210	3800
Lead ores & concs.	tonne	3970	66207	8032	175833	5685	234234
Limestone	tonne	1604483	2218347	2300498	2677737	3294191	4317614
Magnesite: Total	tonne	83732	1400792	92126	1569109	76287	1378749
Magnesia (fused)	tonne	40001	741684	45972	868141	21432	442191
Magnesite (not calcined)	tonne	10672	211070	877	22951	3157	78836
Magnesite (calcined)	tonne	1386	30454	3024	77884	6666	162798
Magnesite: dead-burnt magnesia	tonne	27403	271940	33473	348887	36520	451400
Magnesium oxide	tonne	1718	91964	2455	98571	2549	111277
Magnesite (others)	tonne	2552	53680	6325	152675	5963	132247
Manganese ore: Total	tonne	13281	181671	284202	1685063	686053	6311862
Manganese ore (46% or more Mn)	tonne	12293	169118	280023	1652688	497385	4315760
Manganese ore (35% or more but below 46% Mn)	tonne	238	1505	2431	11731	181184	1947428
Manganese ore (30% or more but below 35% Mn)	tonne	-	-	-	-	1002	9601
Manganese ore (ferruginous, 10% or more)	tonne	-	-	-	-	704	2686
Manganese ore (others)	tonne	750	11048	1748	20644	5778	36387
Marble: Total	tonne	182106	3409985	212522	4227144	297158	5275339
Marble (dressed)	tonne	123732	2083446	154161	2598850	193022	2811260
Marble (others)	tonne	58374	1326539	58361	1628294	104136	2464079
Mica: Total	tonne	1135	155200	1579	281654	2645	336016
Mica (unmanufactured)	tonne	772	16682	740	18662	860	18767
Mica (blocks)	tonne	80	6729	-	-	++	67
Mica (powder)	tonne	45	2814	50	3768	125	7639
Mica (splittings)	tonne	312	4341	334	10204	10	625
Mica (waste & scrap)	tonne	335	2798	356	4690	725	10436
Mica (worked)	tonne	363	138518	839	262992	1785	317249
Mica (cond. films, plates cuts, NES)	tonne	37	14456	234	45037	78	18651
Mica (washers & discs)	tonne	++	185	++	132	++	74
Mica (sheets & strips)	tonne	1	573	15	2301	267	7964

(Contd.)

FOREIGN TRADE

Table - 8 (Concl.d.)

Ores/Minerals	Unit	2005-06		2006-07		2007-08 (p)	
		Qty	Value	Qty	Value	Qty	Value
Micanite & other							
built-up mica	tonne	61	9565	85	11549	62	7160
Mica worked (others)	tonne	264	113739	505	203973	1378	283400
Molybdenum ores & conc.	tonne	3258	6401752	3968	7825021	2783	6340190
Natural gas	tonne	4776791	32088892	7044454	67157470	8086104	92554485
Niobium/Tantalum							
ores & conc.	tonne	161	34760	27	7302	127	7061
Nickel ores & conc.	tonne	-	-	85	5163	280	53836
Ochre: Total	tonne	1019	61754	1464	54425	1768	68282
Ochre (earth colours)	tonne	21	811	20	1349	6	694
Ochre (persian red)	tonne	++	294	1	406	1	2032
Ochre (red oxide)	tonne	905	51394	1409	45986	1743	61529
Ochre (yellow ochre)	tonne	93	9255	34	6684	18	4027
Petroleum (crude)	'000 tonnes	99334	1724290000	106827	2130878538	115339	2574617041
Precious & semi-precious							
stones, NES: Total		**	4960727	**	4947344	**	4470322
Precious & semi-precious							
stones (uncut)	tonne	1234	4080695	864	4012910	931	3270081
Precious & semi-precious							
stones (cut)	'000 carats	2429	880032	2915	934434	1847	1200241
Precious metal ores & conc.	kg	168	69414	49	6009	...	...
Quartz & quartzite (natural)	tonne	294	7465	433	12887	312	9777
Quartz (natural)	tonne	57	1226	249	5915	246	4328
Quartzite (natural)	tonne	237	6239	184	6972	66	5449
Rock phosphate	tonne	4477862	13911255	5009214	16136352	5017655	18532414
Salts (other than							
common salt)	tonne	17112	25539	27668	46138	28679	50762
Sand, excl. metal bearing	tonne	253937	53585	1802997	258882	1768513	262181
Sandstone	tonne	-	-	8	89	-	-
Silica sand	tonne	3635	50009	6948	141112	12203	232106
Sillimanite	tonne	104	1002	35	1140	37	1129
Slate	tonne	12	1408	19	4221	16	2966
Steatite/soapstone: Total	tonne	803	34586	882	30534	1213	32660
Steatite/soapstone blocks	tonne	4	868	3	60	-	-
Steatite/soapstone lumps	tonne	-	-	-	-	40	203
Steatite/soapstone powder							
& others	tonne	799	33718	879	30474	1173	32457
Sulphur(excluding sublimed,							
ppt & colloidal)	tonne	1390259	6017753	1401893	4944410	1405540	14560588
Tin ores & conc.	tonne	630	134611	1126	282248	702	253846
Titanium ores &							
concentrates: Total	tonne	6822	188977	13589	370939	17356	424265
Titanium ores & conc.:							
Ilmenite	tonne	291	4518	1167	17544	1177	26409
Titanium ores & conc.:							
Rutile	tonne	5815	164712	11707	334220	13432	343994
Titanium ores & conc.							
(other)	tonne	716	19747	715	19175	2747	53862
Tripoli earth	tonne	274	4303	40	842	63	1149
Tungsten ores & conc.	tonne	104	19045	149	1557	20	184
Vanadium ores & conc.	tonne	140	88418	...	...	...	...
Vermiculite	tonne	182	3592	106	6067	34	2123
Witherite	tonne	4	39	180	1695	...	...
Wollastonite	tonne	29	1217	97	1283	153	2363
Zinc ores & conc.	tonne	40187	1330119	52003	3450170	49493	2846124
Zirconium ores & conc.	tonne	28187	1054454	27578	1045096	28592	1029484
Other minerals, NES	tonne	30661	345033	29075	252618	28590	208718

Source : DGCI & S, Kolkata

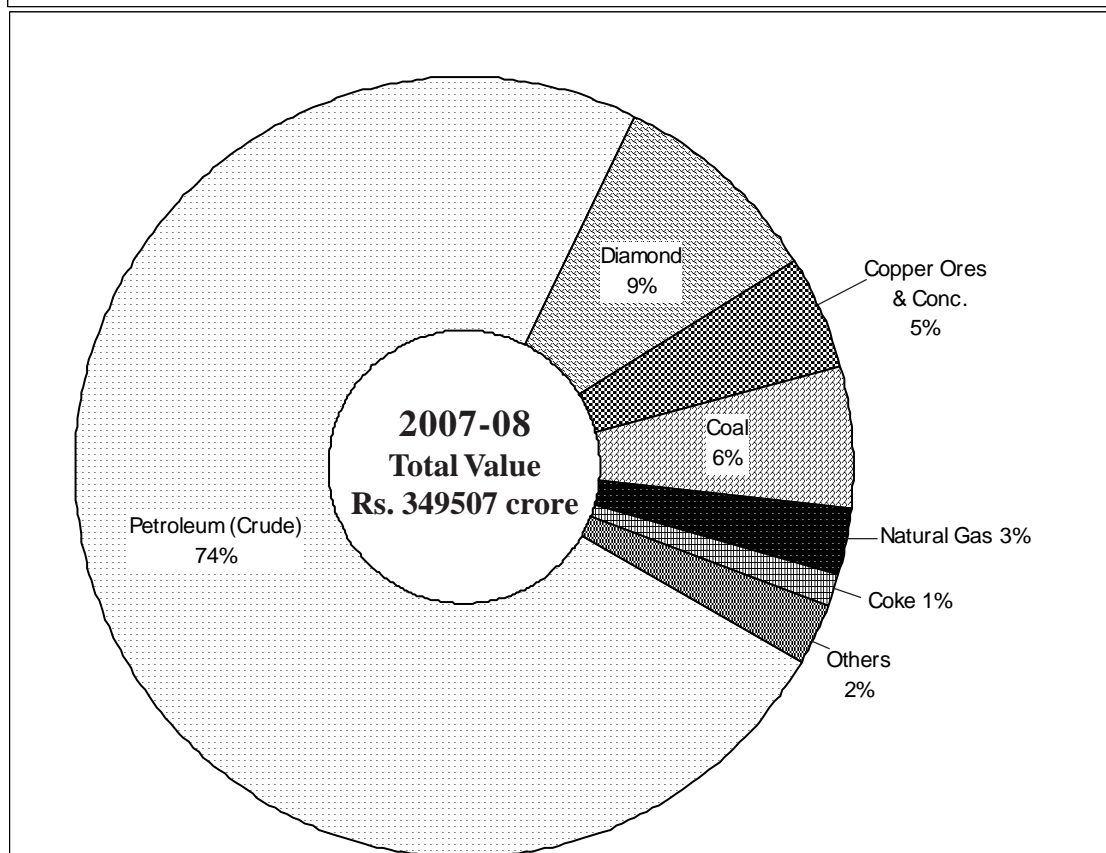
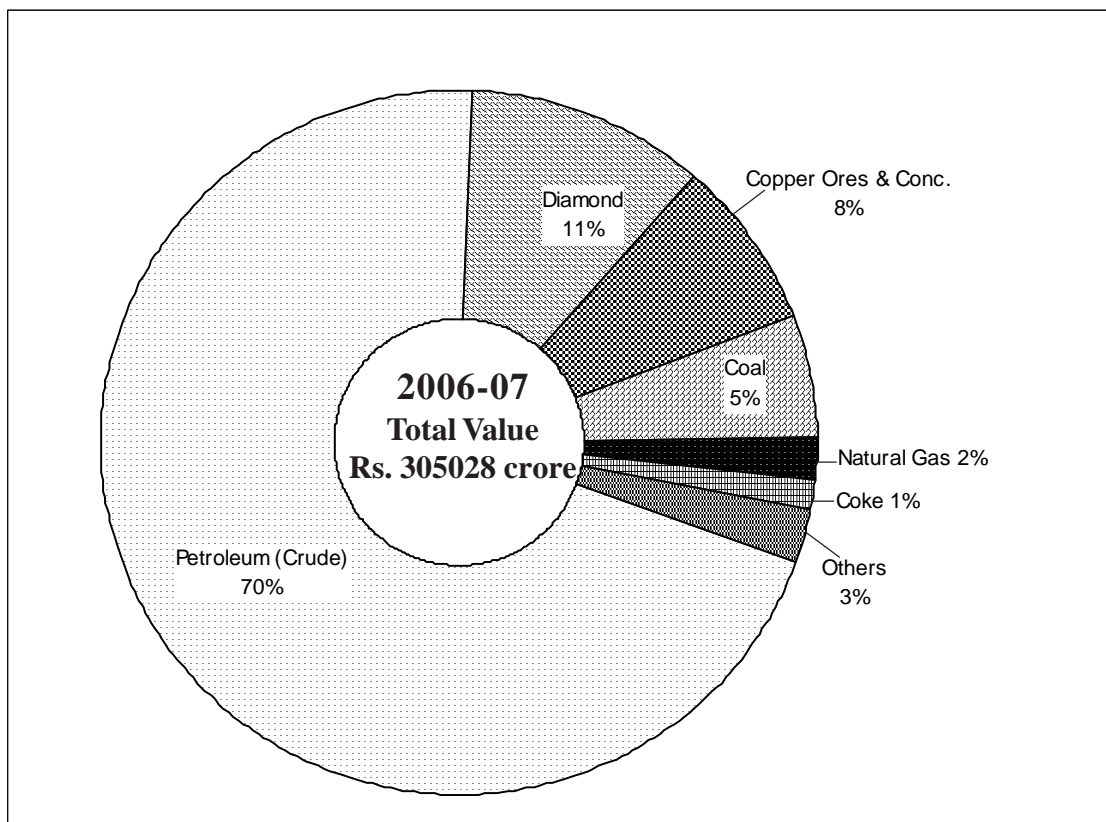
** Quantity not given due to partial coverage; value figures, however, have full coverage.

FOREIGN TRADE

**Table – 9 : Value of Imports of Ores & Minerals, 2005-06 to 2007-08
(by Principal Ores/Minerals)**

Ores & Minerals	2005-06		2006-07		2007-08 (p)		% increase (+) or decrease (-) in 2007-08 over 2006-07
	Value (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	
All Minerals	2438387795	100.00	3050279536	100.00	3495065225	100.00	14.59
Petroleum (crude)	1724290000	70.71	2130878538	69.86	2574617041	73.66	20.82
Diamond	396901481	16.28	331348334	10.86	312793577	8.95	-5.60
Coal (excluding lignite)	149094610	6.11	166886113	5.47	207389726	5.93	24.27
Copper ores & conc.	51983852	2.13	238407046	7.82	161774736	4.63	-32.14
Natural gas	32088891	1.32	67157470	2.20	92554485	2.65	37.82
Coke	22186035	0.91	40210970	1.32	51231153	1.47	27.41
Rock phosphate	13911254	0.57	16136352	0.53	18532414	0.53	14.85
Sulphur (excluding sublimed, precipitated & colloidal)	6017753	0.25	4944410	0.16	14560588	0.42	194.49
Molybdenum ores & conc.	6401752	0.26	7825021	0.26	6340190	0.18	-18.98
Manganese ore	181671	0.01	1685063	0.06	6311862	0.18	274.58
Asbestos	4149928	0.17	5191128	0.17	5899442	0.17	13.64
Alumina	4490222	0.18	6980836	0.23	5355140	0.15	-23.29
Marble	3409985	0.14	4227144	0.14	5275339	0.15	24.80
Precious & semi-precious stones (cut & uncut): Total	4960727	0.20	4947344	0.16	4470322	0.13	-9.64
Limestone	2218347	0.09	2677737	0.09	4317614	0.12	61.24
Emerald (cut & uncut)	2389883	0.10	2330172	0.08	3133444	0.09	34.47
Zinc ores & conc.	1330119	0.05	3450170	0.11	2846124	0.08	-17.51
Cobalt ores & conc.	738872	0.03	1250815	0.04	1940501	0.06	55.14
Iron ore	2737452	0.11	2451762	0.08	1788435	0.05	-27.06
Fluorite (Fluorspar)	926385	0.04	1172943	0.04	1649331	0.05	40.61
Magnesite	1400792	0.06	1569109	0.05	1378749	0.04	-12.13
Borax	891692	0.04	1017199	0.03	1169576	0.03	14.98
Chromite	62258	0.00	67817	0.00	1064129	0.03	1469.12
Zirconium ores & conc.	1054454	0.04	1045096	0.03	1029484	0.03	-1.49
Bauxite	363042	0.01	403707	0.01	873447	0.02	116.36
Gypsum	127697	0.01	527720	0.02	802051	0.02	51.98
Ball clay	519412	0.02	423548	0.01	740262	0.02	74.78
Building & monumental stones, NES	268709	0.01	577812	0.02	684053	0.02	18.39
Granite	330710	0.01	843620	0.03	599360	0.02	-28.95
Kaolin	382633	0.02	393054	0.01	460541	0.01	17.17
Titanium ores & conc.	188977	0.01	370939	0.01	424265	0.01	14.38
Other minerals	2388200	0.10	2880547	0.09	3057844	0.09	6.15

Value of Mineral Imports, 2006-07 and 2007-08



FOREIGN TRADE

**Table – 10 : Value of Imports of Ores & Minerals, 2005-06 to 2007-08
(by Principal Countries)**

Country	2005-06		2006-07		2007-08 (p)		% increase (+) or decrease (-) in 2007-08 over 2006-07
	Value (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	
All Countries	2438387795	100.00	3050279536	100.00	3495065225	100.00	14.59
Saudi Arabia	1439978	0.06	495309645	16.24	611579133	17.50	23.47
Iran	2639716	0.11	300000853	9.84	403199782	11.54	34.40
UAE	79088767	3.24	195217979	6.40	306173541	8.76	56.84
Nigeria	370213	0.02	314826190	10.32	302381441	8.65	-3.95
Iraq	–	0.00	249412673	8.18	274843938	7.86	10.20
Kuwait	799761	0.03	225081061	7.38	249329556	7.13	10.77
Australia	97460245	4.00	143210764	4.70	162045471	4.64	13.15
Belgium	171763412	7.04	150059034	4.92	122218976	3.50	-18.55
Malaysia	324162	0.01	106733217	3.50	93990554	2.69	-11.94
Qatar	29832278	1.22	71403641	2.34	72248595	2.07	1.18
Indonesia	51344010	2.11	83193620	2.73	71078374	2.03	-14.56
Chile	16571961	0.68	83405039	2.73	69305866	1.98	-16.90
China	37528417	1.54	57203719	1.88	57474490	1.64	0.47
Turkey	880102	0.04	7345863	0.24	54990459	1.57	648.59
Yemen Republic	–	0.00	84938930	2.78	51996329	1.49	-38.78
UK	57884663	2.37	59938000	1.97	48537980	1.39	-19.02
Libya	–	0.00	2782279	0.09	46003304	1.32	1553.44
Angola	–	0.00	10927226	0.36	40838995	1.17	273.74
Hong Kong	49816419	2.04	42083181	1.38	37732913	1.08	-10.34
Egypt	1124342	0.05	36413019	1.19	34978600	1.00	-3.94
South Africa	11551565	0.47	17249113	0.57	33619243	0.96	94.90
Mexico	33215	0.00	29644751	0.97	33191301	0.95	11.96
Guinea	–	0.00	14636325	0.48	27137385	0.78	85.41
Oman	1026626	0.04	6773712	0.22	25820311	0.74	281.18
Algeria	411308	0.02	15603547	0.51	18483633	0.53	18.46
Israel	25526875	1.05	22880376	0.75	18235404	0.52	-20.30
USA	22279083	0.91	25522710	0.84	17555784	0.50	-31.22
Sudan	123	0.00	2908500	0.10	16314603	0.47	460.93
Venezuela	3123	0.00	32047211	1.05	15675043	0.45	-51.09
Brazil	4332136	0.18	19197663	0.63	11607631	0.33	-39.54
Russia	3152226	0.13	9926081	0.33	9719713	0.28	-2.08
Jordan	7128495	0.29	7480134	0.25	9667839	0.28	29.25
Unspecified	1724410350	70.72	9320879	0.31	26100251	0.75	180.02
Other countries	34517297	1.42	74210354	2.43	120988787	3.46	63.03

Source : DGCI & S, Kolkata

The countrywise details relating to some of the commodities are not available from the source agency. The figures in respect of such commodities have been grouped under country item "unspecified".

Metals & Alloys

The value of imports of metals & alloys at Rs. 141,947 crore showed an increase of 14.9% in 2007-08 as compared to Rs. 123,461 crore in the previous year. The contribution of metals & alloys in the total value of all merchandise imported into India was 14% in 2007-08.

Gold, non-monetary & monetary (total), with a share of 47% continued to occupy the top position in the total imports value of metals in 2007-08. Iron & steel came in second place and accounted for a share of 33.9%. Aluminium and alloys including scrap and copper and alloys (including brass & bronze) occupied the third and fourth place with the share of 4.3% each. Next in order were silver accounting for 3.3% and nickel and alloys (including scrap) accounting for 2.1 %, ferro-alloys and lead & alloys including scrap accounted for 1.1% each. The individual share of remaining metals was less than one percent of the total value of import of metals & alloys.

The imports value of metals & alloys during the year under review was generally on higher side. The value of imports of gold, non-monetary & monetary (total) increased by 2.9% in 2007-08 as compared to that in the previous year while that of iron & steel rose to 27.4%, aluminium alloys & scrap 15.8%, copper and alloys (including brass & bronze) 21.6%, lead and alloys 46.5%, tin and alloys including scrap 46.4%, pig & cast iron (including spiegeleisen) 74.4%, manganese & alloys (including waste & scrap) 31.5%, molybdenum and scrap 60.9%, cobalt and alloys (including waste and scrap) 40.6%, magnesium 54.6% and bismuth and scrap 73.9%. The value of import of silver increased by more than three times whereas the import value of platinum alloys & related metals the increase was more than double. On the other hand, during 2007-08, the value of imports of zinc and alloys including scrap showed a decline of 47.4%, antimony alloys and

scrap 23.5% and mercury 51.6% as compared to the previous year.

India imported metals & alloys from 183 countries in 2007-08 as against 190 countries in 2006-07 (both figures include "unspecified" country item). Bulk of the metals & alloys was imported from 37 countries (including "unspecified" country item) which accounted for 95.9 % of the total value of metal imports in 2007-08. Switzerland occupied the top position with a share of 23.2% of the total value of metal imports in 2007-08, followed by China in second place with a share of 9.9%. The countries next in the order were UAE 9.2%, Australia 9%, South Africa 6.5%, USA 4.1%, Republic of Korea 3.9%, Germany 3%, UK and Russia 2.8% each and Japan 2.6%. The individual share of Hong Kong, Thailand, France, Italy, Belgium, Saudi Arabia and Malaysia was between 1% and 2% and that of remaining 19 countries was less than one percent.

During the year under review, imports in terms of value, from USA rose by 73.9%, France by 72.3%, Saudi Arabia by 64.3%, Thailand by 61.8%, Spain by 59.8%, Belgium by 56.6%, Romania by 52.4%, Republic of Korea by 50.5%, Chinese Taipei/Taiwan by 40.2%, Germany by 39.4%, China by 38.8%, UAE by 31.7%, Japan by 31.2%, Malaysia by 20.9%, South Africa by 20.7%, Bhutan by 18.3% and UK by 13%. The import value of metals and alloys from Turkey and Nepal rose to more than three times and in case of Finland and Mexico increase was seen more than five to six times in 2007-08 as compared to the previous year.

Decline in the value of import of metals & alloys were, however, observed in 2007-08 in case of Iran by 53.9%, Sweden by 37.3%, Indonesia by 22.3%, Ukraine by 19%, Brazil by 17.3% and unspecified countries by 11.9% as compared to the previous year (Tables - 11 to 13).

Imports of selected mineral-based products during 2005-06 to 2007-08 are furnished in Table - 14.

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Table – 11 : Imports of Metals and Alloys, 2005-06 to 2007-08

(Value in Rs. '000)

Metals & Alloys	Unit	2005-06		2006-07		2007-08 (p)	
		Qty	Value	Qty	Value	Qty	Value
All metals & alloys			921491348		1234608824		1419471936
Aluminium alloys & scrap	tonne	439876	36764986	443483	53113387	534832	61485631
Antimony alloys & scrap	tonne	1898	296607	2107	511906	2144	391539
Bismuth & scrap	tonne	152	43254	186	74684	153	129863
Boron	tonne	11	5762	31	13643	5	2717
Cadmium waste & scrap	tonne	142	16730	121	18443	115	23136
Chromium alloys & scrap	tonne	316	145003	349	174004	498	202283
Cobalt alloys & scrap: total	tonne	660	899870	492	829505	599	1166258
Cobalt & alloys	tonne	660	899846	492	829449	599	1166258
Cobalt (scrap)	tonne	++	24	++	56	-	-
Copper (cement copper precipitated)	tonne	1075	57166	105	7305	150	22220
Copper & alloys (incl. brass & bronze)	tonne	277501	39204170	193130	50108932	227322	60908805
Copper and alloys	tonne	112595	23737879	77647	26449920	107782	35173017
Copper (scrap)	tonne	58931	4607139	31204	6672834	24252	6219185
Copper alloys (scrap)	tonne	++	21	36	6718	19	533
Brass & bronze	tonne	14579	2806733	11539	3563684	19060	5797611
Brass & bronze (scrap)	tonne	91396	8052398	72704	13415776	76209	13718459
Ferro alloys: Total	tonne	98584	6605087	134910	13331975	164104	15716456
Ferro-boron	tonne	462	40853	176	13495	197	14566
Ferro-chrome	tonne	11182	775575	19054	1315321	19303	1627664
Charge-chrome	tonne	-	-	10	696	869	31720
Ferro-cobalt	tonne	13	1685	-	-	-	-
Ferro-manganese	tonne	16102	798155	12037	550471	21750	1467911
Ferro-molybdenum	tonne	324	694002	262	512113	481	1152400
Ferro-nickel	tonne	1246	691686	7753	5533744	8133	4821994
Ferro-niobium	tonne	860	402118	1707	761554	1599	1246737
Ferro-phosphorus	tonne	922	15456	1098	23608	1264	32702
Ferro-silicon	tonne	62035	2179954	86833	3129023	96310	4039459
Ferro-titanium	tonne	335	195764	441	344022	570	225563
Ferro-tungsten	tonne	62	65564	87	98968	67	73119
Ferro-vanadium	tonne	510	479677	523	774588	196	302242
Ferro-silico-chrome	tonne	6	721	114	8308	59	5844
Ferro-silico-magnesium	tonne	1591	73147	1757	79988	4062	204619
Ferro-silico-manganese	tonne	1287	57860	207	5655	513	19132
Ferro-zirconium	tonne	102	8958	63	6790	298	20513
Ferro-alloys (others)	tonne	1545	123912	2788	173631	8433	430271
Gold, non-monetary & monetary: Total	kg	723780	479524290	715817	654398716	698413	673592027
Gold, non-monetary: Total	kg	723780	479524290	715817	654398716	698413	673592027
Gold, non-monetary: powder	kg	29	19393	7	3733	251	287843
Gold, non-monetary: other semi-manufactured forms	kg	403806	268882422	298709	273887116	257065	244594639
Gold, non-monetary, other unwrought forms	kg	319945	210622475	417101	380507867	441097	428709545
Gold-clad metals/base metals, NES	tonne	++	1562	++	2308	++	13324
Iron & steel: Total	tonne	10570814	291538227	9942835	377449711	11699378	480903967
Iron & steel (finished steel including C.R. sheets)	tonne	1279528	79529531	2117966	145757009	2269650	155900225
Iron & steel (semi-finished steel incl. ingots)	tonne	4290072	110154346	4218937	122187600	5337552	168085357
Iron & steel (steel wire)	tonne	45771	3155402	69338	4218130	108802	5845606
Iron & steel (sponge iron)	tonne	31399	327480	160437	2121122	2039	37031
Iron & steel (scrap)	tonne	4803273	70097105	3188060	64335290	3548202	82197925

(Contd.)

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Table - 11 (Concl'd.)

Metals & Alloys	Unit	2005-06		2006-07		2007-08 (p)	
		Qty	Value	Qty	Value	Qty	Value
Iron & steel (alloy steel (granules))	tonne	7727	308670	11511	403456	11133	361749
Iron & steel (alloy steel (powder))	tonne	703	158264	1280	265516	2072	324305
Iron & steel (other finished steel, NES)	tonne	112248	27802165	175217	38156419	419928	68151769
Iron & steel: material	tonne	93	5264	89	5169	....	....
Lead alloys and scrap	tonne	175415	7776546	184021	10718814	154292	15706501
Lead & alloys	tonne	142738	6614699	159848	9680518	137823	14466770
Lead (scrap)	tonne	32677	1161847	24173	1038296	16469	1239731
Magnesium & scrap	tonne	6590	565605	6975	688700	8372	1064742
Manganese & alloys incl.waste & scrap: Total	tonne	10973	801198	14931	1033403	10635	1358990
Manganese & alloys (unwrought & wrought)	tonne	7089	494428	7289	485827	9125	1201512
Manganese & alloys, NES	tonne	3830	302553	7463	536045	1499	157224
Manganese waste & scrap	tonne	54	4217	179	11531	11	254
Mercury	tonne	157	116540	221	138260	121	66962
Molybdenum & scrap	tonne	218	676096	221	752997	385	1211521
Nickel and alloys (incl. scrap)	tonne	18822	13049623	23249	26724927	22785	29832667
Nickel & alloys	tonne	18343	13022700	20987	26182441	20814	29130690
Nickel (scrap)	tonne	479	26923	2262	542486	1971	701977
Other rare metals, NES	tonne	35	28212	23	64731	29	62753
Pig & cast iron incl. spiegeleisen	tonne	24891	881337	28055	1121600	57120	1956276
Platinum, alloys and related metals: Total	kg	5482	1425696	6063	2528583	6468	6247752
Platinum (powder, unwrought & others)	kg	688	965168	881	1368874	1985	4774955
Other metals of platinum group	kg	4794	460528	5182	1159709	4483	1472797
Platinum-clad base/precious metals	kg	11	108	41	7753	18	1478
Precious metals/metals clad with precious metals	tonne	32	31671	3	196410	12	203703
Selenium	tonne	93	370480	238	481428	152	629660
Silicon	tonne	22603	1124285	25733	1401899	25521	1641824
Silver	tonne	2171	22007156	834	9686596	2690	46358875
Silver-clad base metals	kg	1709	9997	459	3117	17	541
Tantalum & scrap: Total	tonne	++	12634	++	15703	2	15497
Tantalum alloys, unwrought	tonne	++	12478	++	15703	2	15497
Tantalum & scrap	tonne	++	156	-	-	-	-
Tellurium	tonne	4	20519	3	13829	6	25915
Tin and alloys (incl. scrap)	tonne	5970	1891897	5590	2546808	6061	3727352
Tin & alloys	tonne	5502	1806221	5355	2472254	5712	3682089
Tin (scrap)	tonne	276	8631	142	40929	120	5002
Tin & alloys: worked	tonne	192	77045	93	33625	229	40261
Titanium & scrap	tonne	501	942211	466	1045056	577	1138852
Tungsten alloys & scrap	kg	350342	663082	325599	674363	292983	652703
Vanadium & scrap	tonne	5237	27878	7799	26211	100	27
Zinc and alloys (incl. scrap)	tonne	265443	13931745	179034	24695652	106214	12996924
Zinc & alloys	tonne	168155	11042195	130564	21229156	73642	9766971
Zinc (scrap)	tonne	97288	2889550	48470	3466496	32572	3229953
Zirconium & scrap	tonne	33	34118	22	7465	9	12195

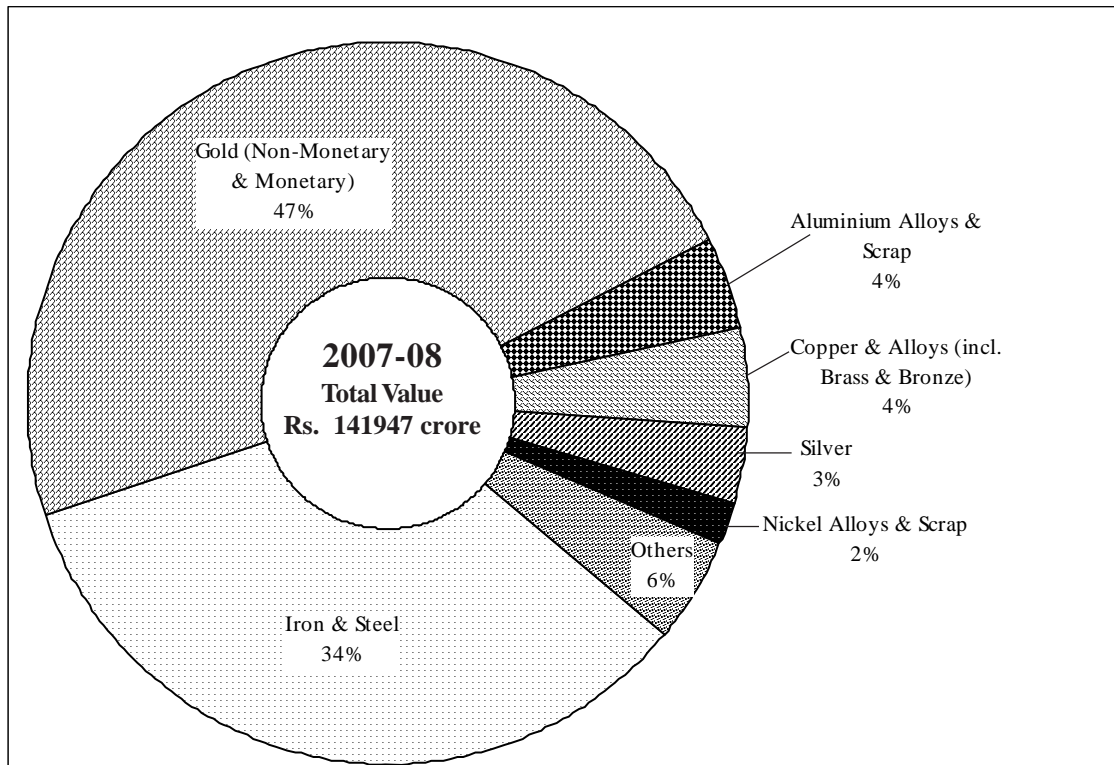
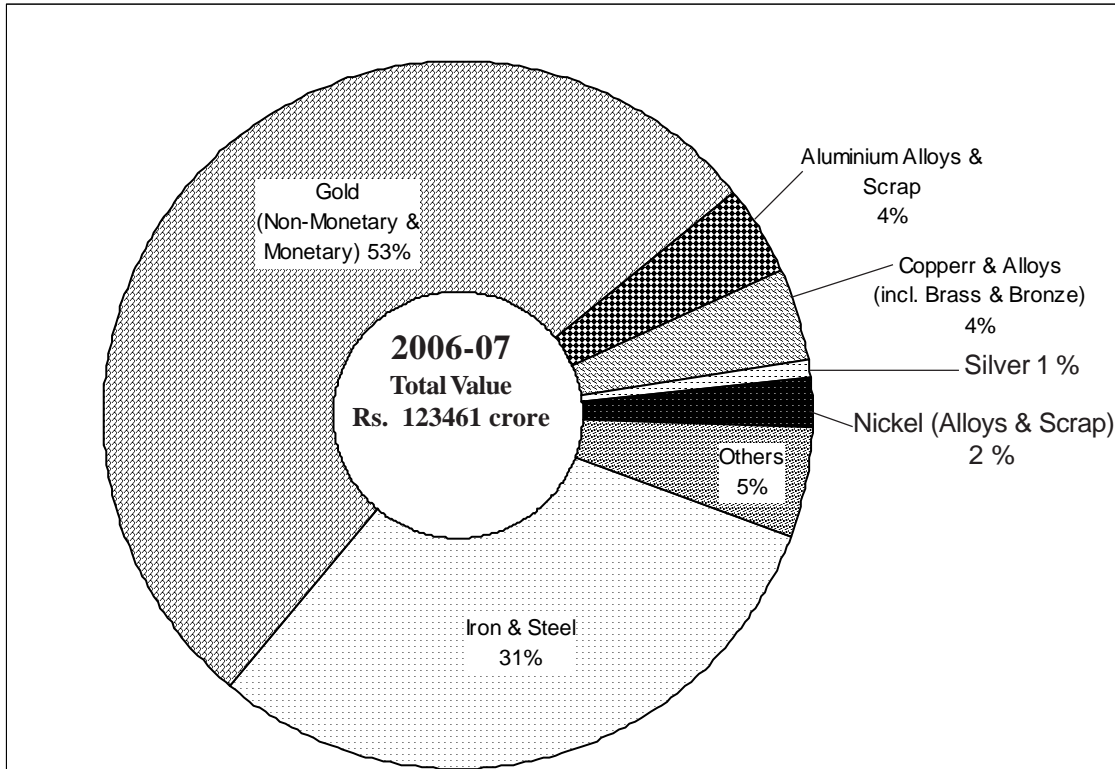
Source : DGCI & S, Kolkata.

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**Table – 12 : Value of Imports of Metals & Alloys, 2005-06 to 2007-08
(by Principal Metals & Alloys)**

Metals & alloys	2005-06		2006-07		2007-08 (p)		% increase (+) or decrease (-) in 2007-08 over 2006-07
	Value (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	
All Metals & Alloys	921491348	100.00	1234608824	100.00	1419471936	100.00	14.98
Gold (non-monetary & monetary): Total	479524291	52.04	654398716	53.00	673592027	47.45	2.93
Iron & steel	291538227	31.64	377449711	30.57	480903967	33.88	27.41
Aluminium & alloys							
incl. scrap	36764986	3.99	53113387	4.30	61485631	4.33	15.76
Copper & alloys (incl. brass & bronze)	39204170	4.25	50108932	4.06	60908805	4.29	21.55
Silver	22007156	2.39	9686596	0.78	46358875	3.27	378.59
Nickel & alloys incl. scrap	13049623	1.42	26724927	2.16	29832669	2.10	11.63
Ferro-alloys	6605087	0.72	13331975	1.08	15716456	1.11	17.89
Lead & alloys incl. scrap	7776546	0.84	10718814	0.87	15706501	1.11	46.53
Zinc & alloys incl. scrap	13931745	1.51	24695652	2.00	12996926	0.92	-47.37
Platinum alloys & related metals	1425696	0.15	2528583	0.20	6247753	0.44	147.09
Tin & alloys incl. scrap	1891897	0.21	2546808	0.21	3727355	0.26	46.35
Pig & cast iron (incl. spiegeleisen)	881337	0.10	1121600	0.09	1956276	0.14	74.42
Silicon	1124285	0.12	1401899	0.11	1641826	0.12	17.11
Manganese & alloys							
(incl. waste & scrap)	801198	0.09	1033403	0.08	1358990	0.10	31.51
Molybdenum & scrap	676096	0.07	752997	0.06	1211521	0.09	60.89
Cobalt & alloys (incl. waste & scrap)	899870	0.10	829505	0.07	1166259	0.08	40.60
Titanium & alloys (incl. waste & scrap)	942211	0.10	1045056	0.08	1138852	0.08	8.98
Magnesium & scrap	565605	0.06	688700	0.06	1064742	0.08	54.60
Tungsten & alloys incl. scrap	663082	0.07	674363	0.05	652703	0.05	-3.21
Selenium	370480	0.04	481428	0.04	629660	0.04	30.79
Antimony alloys & scrap	296607	0.03	511906	0.04	391541	0.03	-23.51
Precious metals/metals clad with precious metals	31671	0.00	196410	0.02	203704	0.01	3.71
Chromium & alloys	145003	0.02	174004	0.01	202283	0.01	16.25
Bismuth & scrap	43254	0.00	74684	0.01	129864	0.01	73.88
Mercury	116540	0.01	138260	0.01	66962	0.00	-51.57
Other metals & alloys	214685	0.02	180508	0.01	179788	0.01	-0.40

Value of Imports of Metals & Alloys, 2006-07 and 2007-08



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**Table – 13 : Value of Imports of Metals & Alloys, 2005-06 to 2007-08
(by Principal Countries)**

Country	2005-06		2006-07		2007-08 (p)		% increase (+) or decrease (-) in 2007-08 over 2006-07
	Value (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	Value in (Rs. '000)	% share in total value	
All countries	921491348	100.00	1234608824	100.00	1419471936	100.00	14.98
Switzerland	238154287	25.84	341313288	27.65	328615170	23.15	-3.72
China	36427209	3.95	101703504	8.24	141172739	9.95	38.81
UAE	71260810	7.73	98989287	8.02	130374062	9.18	31.71
Australia	103089720	11.19	134895121	10.93	128182462	9.03	-4.98
South Africa	81947184	8.89	76488892	6.20	92318301	6.50	20.70
USA	26958097	2.93	33628117	2.72	58489448	4.12	73.93
Korea, Republic of	27379440	2.97	37058372	3.00	55783927	3.93	50.53
Germany	25476115	2.76	30711878	2.49	42816278	3.02	39.41
UK	40474120	4.39	35723871	2.89	40378276	2.84	13.03
Russia	45374207	4.92	35311124	2.86	39062658	2.75	10.62
Japan	19515721	2.12	28455973	2.30	37328069	2.63	31.18
Hong Kong	5554405	0.60	20791274	1.68	19970711	1.41	-3.95
Thailand	7030022	0.76	11528546	0.93	18650607	1.31	61.78
France	10372735	1.13	10492555	0.85	18079436	1.27	72.31
Italy	7729464	0.84	16216003	1.31	16933112	1.19	4.42
Belgium	10232364	1.11	10753618	0.87	16839546	1.19	56.59
Saudi Arabia	4874073	0.53	9565729	0.77	15720669	1.11	64.34
Malaysia	6770395	0.73	12752266	1.03	15425198	1.09	20.96
Ukraine	20390326	2.21	16041053	1.30	12986450	0.91	-19.04
Netherlands	6833097	0.74	11855278	0.96	12534787	0.88	5.73
Romania	9130513	0.99	6943171	0.56	10579327	0.75	52.37
Singapore	7082716	0.77	9807537	0.79	10512125	0.74	7.18
Sweden	5598901	0.61	16557162	1.34	10386051	0.73	-37.27
Chinese Taipei/Taiwan	4027893	0.44	6736891	0.55	9444953	0.67	40.20
Spain	6178106	0.67	4861755	0.39	7766493	0.55	59.75
Mexico	686363	0.07	942277	0.08	7386922	0.52	683.94
Iran	12984705	1.41	15716693	1.27	7232221	0.51	-53.98
Nepal	3099402	0.34	2036985	0.16	7141017	0.50	250.57
Indonesia	3805908	0.41	9165319	0.74	7119931	0.50	-22.32
Canada	4706317	0.51	6676255	0.54	7094764	0.50	6.27
Brazil	3172760	0.34	7751287	0.63	6408908	0.45	-17.32
Finland	821654	0.09	886221	0.07	5367692	0.38	505.68
Bahrain	3577886	0.39	5067996	0.41	5192680	0.37	2.46
Kuwait	3166805	0.34	4330582	0.35	4579975	0.32	5.76
Bhutan	2248061	0.24	3844352	0.31	4549420	0.32	18.34
Turkey	2887096	0.31	1121344	0.09	4054078	0.29	261.54
Unspecified	2990473	0.32	4897074	0.40	4315401	0.30	-11.88
Other countries	49481998	5.37	52990174	4.29	58678072	4.13	10.73

Source : DGCI & S, Kolkata

The countrywise details relating to some of the commodities are not available from the source agency. The figures in respect of such commodities have been grouped under country item "unspecified".

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Table – 14 : Imports of Selected Mineral-based Products, 2005-06 to 2007-08

(Value in Rs. '000)

Mineral-based product	Unit	2005-06		2006-07		2007-08 (p)	
		Qty.	Value	Qty.	Value	Qty.	Value
All Items			357525034		507690518		869753475
Aluminium fluoride	tonnes	5134	181075	8960	391704	13287	612569
Asbestos cement products	tonnes	211	19964	139	22378	230	27625
Bleaching powder	tonnes	7	695	++	13	++	41
Boric acid	tonnes	7208	168151	9085	209111	6645	142708
Briquettes of coke, semi-coke of coal	tonnes			90	227	22	492
Calcium carbide	tonnes	45445	1048862	49024	1135402	56000	1464903
Caustic soda	tonnes	58319	893443	148979	2302690	143568	2176093
Cement: Total	tonnes	20841	138676	211771	654019	621474	2181608
Cement (portland grey)	tonnes	6692	18839	10354	30840	381586	1240441
Cement (portland white)	tonnes	291	4824	995	5159	2678	15265
Cement (clinkers)	tonnes	4537	12064	182030	450130	174015	606887
Cement (others)	tonnes	9321	102949	18392	167890	63195	319015
Cryolite (artificial)	tonnes	18104	334344	14600	289381	9194	169837
Fire bricks/ Refractory bricks	tonnes	145915	4105788	264177	5675419	398342	6768131
Graphite (artificial)	tonnes	7521	606753	17321	1016252	18450	1322611
Graphite bricks & shapes	tonnes	579	82774	333	19074	159	7549
Graphite crucibles	tonnes	709	21712	749	46055	1794	76292
Hydrofluoric acid	tonnes	917	32298	1819	68811	1607	72210
Manganese oxide: Total	tonnes	6775	338158	8978	437168	7039	339579
Manganese oxides (other than manganese dioxide)	tonnes	1139	80539	1570	123087	1230	99293
Manganese dioxide	tonnes	5636	257619	7408	314081	5809	240286
Petroleum products: Total	'000 t	11677	255750000	17660	411600000	22716	764430000
Light distillates	'000 t	6074	145140000	8005	213690000	9462	290100000
Naptha	'000 t	2473	57350000	5306	142770000	5965	184010000
Other distillates	'000 t	3601	87790000	2699	70920000	3497	106090000
Middle distillates	'000 t	1615	39480000	2392	69380000	5424	175070000
Heavy ends	'000 t	3988	71130000	7263	128530000	7830	299260000
Phosphoric acid	tonnes	2775686	49414273	2228835	44048269	2045995	40866828
Phosphorus (elemental)	tonnes	17819	1583887	12316	1069411	16672	1451713

(Contd.)

FOREIGN TRADE

Table - 14 (Concl.d.)

Mineral-based product	Unit	2005-06		2006-07		2007-08 (p)	
		Qty.	Value	Qty.	Value	Qty.	Value
Phosphatic fertilizers	tonnes	720	15252	37	7402	184	5994
Potash fertilizer	tonnes	3711402	36021288	3038537	30880094	3718950	39147074
Potassium nitrate	tonnes	3626	75186	3343	81818	3751	95122
Silicon carbide crucibles	tonnes	702	59118	236	24809	843	33795
Soda ash	tonnes	652756	1187247	260387	2139366	355915	3259382
Sodium fluoride	tonnes	59	12503	57	11008	36	4739
Sodium nitrate	tonnes	4954	66264	4850	66910	6836	99816
Sodium nitrite	tonnes	9003	138241	8370	131347	6987	124775
Sulphur (sublimed, ppt & colloidal): Total	tonnes	1010	63913	1130	60337	1085	61924
Sulphur (colloidal)	tonnes	136	9225	309	6271	115	6965
Sulphur (precipitated)	tonnes	370	23613	307	20784	597	36574
Sulphur (sublimed)	tonnes	504	31075	514	33282	373	18385
Titanium oxide & dioxide : Total	tonnes	15278	1196008	17584	1550819	19425	1599624
Titanium oxide	tonnes	152	15787	418	37307	1121	58965
Titanium dioxide	tonnes	15126	1180221	17166	1513512	18304	1540659
Other refractory manufactures	tonnes	19919	1129351	23247	1518492	59770	1226525
Non-ferrous ash & residues	tonnes	84452	2839810	30740	2230425	36113	1977277
Slag dross	tonnes	—	—	168	2307	467	6639

Source : DGCI & S, Kolkata.