

FOREIGN TRADE



Indian Minerals Yearbook 2015

(Part- I : GENERAL REVIEWS)

54th Edition

FOREIGN TRADE

(FINAL RELEASE)

**GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES**

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10 Foreign Trade

EXPORTS

Ores & Minerals

During the year 2014-15, the value of exports (including re-exports) of ores and minerals at ₹ 1,78,077 crore accounted for 9.4 % of the total value of all merchandise exported from India. The export value decreased to ₹ 1,78,077 crore in 2014-15 after two successive increase seen in 2012-13 and 2013-14 at ₹ 1,60,101 crore and ₹ 1,94,784 crore, respectively. The value of mineral exports was down by 8.58% in 2014-15 as compared to that in the previous year.

Diamond continued to be the largest constituent item with a share of 83.17% in the total value of mineral exports in 2014-15. Next in order was Granite with a share of 5.52% followed by Alumina 1.85% and Iron ore 1.8 percent. 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.

The growth in value of exports of the minerals in 2014-15 showed a mixed trend as compared to that in the previous year. The value of exports of lead ores & concentrate and natural gas during 2014-15 has increased manifold and that of abrasive (natural) and bauxite by more than doubled in comparison to value of exports last year.

The value of exports of other minerals which showed significant growth are earth clay 72.5%, diatomite 49.15%, gypsum 44.91%, limestone 36.1%, borax 31.75%, quartz and quartzite 31.59%, alumina 29.7%, felspar (natural) 28.72%, ochre 27.18%, clay (others) 26.05%, dolomite 24.98%, building and monumental stones 23.97%, ball clay 22.3% and felspar (cut & uncut) 16.71%. The minerals which are in the negative territory in tonnes of value of exports during 2014-15 are: chromite 80.99%, iron ore 66.12%, manganese ore

65.46%, tungsten ores & conc. 53.79%, barytes 47.98%, coal (excl. lignite) 34.41%, titanium ores & conc. 31.05%, coke 26.24%, emerald (cut & uncut) 26.08%, zirconium ores & conc. 24.76%, precious & semi-precious stones (cut & uncut) 23.42%, niobium or tantalum ores & conc. 23.14%, graphite (natural) 22.95%, garnet (cut and uncut) 21.13% and kaolin 10.61 percent.

Ores and minerals were exported to 205 countries in 2014-15 as against 195 countries in 2013-14 (including country item "unspecified" in both the years). Ninety percent of the total value of exports of ores and minerals was confined to only nine countries. Out of these, exports to only four countries accounted for 75% of the total value of exports during the year.

During the year 2014-15, Hong Kong occupies the top position in terms of value of exports accounting for 32.48% of the total mineral exports. USA, which contributed 23.7% occupied second place followed by UAE 9.82%, Belgium 9.25%, China 5.07%, Israel 4.09%, Thailand 2.34%, Japan 1.84% and UK 1.1 percent. The individual share of remaining countries was less than 1 percent.

Country-wise analysis of value of mineral exports reveals that exports of minerals to Maldives increased significantly as compared to previous year. The value of exports of minerals increased in respect of Iran 74.28%, Qatar 66.35%, Sri Lanka 62.9%, Korea, Rep of 37.68%, Nepal 30.79%, Turkey 28.69%, Jordan 26.76%, Poland 25.67%, Vietnam 25.5%, France 24.3%, Algeria 23.8% and Ireland 21.16 percent as compared to previous year. However, value of exports of ores & minerals declined by 69.15% for Oman, 49.08% for Malaysia, 40.31% for UAE, 39.65% for Libya, 37.51% for Bahrain, 36.7% for China, 28.73% for Netherlands, 23.21% for Bangladesh, 22.58% for Switzerland, 21.43% for Canada, 20.69% for Indonesia, 20.26% for Russia and 19.79% for Japan as compared to previous year (Tables - 1 to 3).

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Table – 1: Exports of Ores and Minerals (including Re-exports), 2012-13 to 2014-15

(Value in ₹'000)

Mineral	Unit	2012-13		2013-14		2014-15 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Minerals		**	1601012597	**	1947835200	**	1780766348
Abrasives (natural)	tonne	41323	434150	16023	242884	31901	516071
Alabaster	tonne	-	-	-	-	21	140
Alumina	tonne	927800	18834156	1294651	25423465	1561612	32974205
Andalusite	tonne	-	-	5	244	4	127
Antimony ores & conc.	tonne	-	-	++	8	-	-
Asbestos: Total	tonne	78	727	96	487	393	12026
Asbestos chrysotile	tonne	-	-	22	221	248	11511
Asbestos (others)	tonne	78	727	74	266	145	515
Ballclay	tonne	29497	131329	35694	158847	57557	194269
Barytes	tonne	1740203	11920378	1067755	8699416	651571	4525674
Bauxite	tonne	4197804	6752047	3492546	6736456	6808588	14050662
Bentonite	tonne	1114907	3160993	1225568	3860451	1300083	3999734
Borax: Total	tonne	2489	122747	1623	125007	2655	164699
Natural borate	tonne	814	13032	310	6076	102	1026
Sodium borate	tonne	1165	59913	805	41232	2114	95148
Other borates	tonne	510	49802	508	77699	439	68525
Building &							
Monumental Stones NES	tonne	1540625	5806657	1686357	6268602	2519515	7771235
Calcite	tonne	2169	18839	23222	187542	30768	192309
Chalk	tonne	675	4198	418	3860	490	2978
Chromite: Total	tonne	196435	3107577	195125	3468440	25361	659259
Chrome ore Others	tonne	173104	2655538	159767	2841305	16364	328552
Chrome ore Conc.	tonne	23331	452038	35281	624930	8997	330707
Chrome ore Lumps	tonne	++	1	77	2205
Clay (others)	tonne	22019	179317	19604	172389	25515	217300
Coal (excluding lignite)	000' tonne	2511	8987175	2188	10843195	1220	7112051
Coal: lignite	000' tonne	37	322476	1	55575	1	13882
Coke	tonne	1137549	5649295	150636	1478657	98043	1090634
Coal gas	tonne	83	814	9	891	32	7820
Cobalt ores & conc.	tonne	12	7661	253	47733	++	4
Copper ores & conc.	tonne	30	3355	38912	3349917	1	10
Corundum (natural)	tonne	++	32	-	-	-	-
Diamond: Total		**	1266553169	**	1581348137	**	1481024677
Diamond (mostly cut)	carat	65560577	1265681368	83850627	1580049655	70928812	1480560658
Diamond (industrial)	carat	1701730	116974	2121451	126895	4351127	168693
Diamond powder	000 carat	9556	754827	13532	1171587	18736	295326
Diatomite	tonne	40608	335483	58265	521672	87845	778088
Dolomite	tonne	29007	133290	32511	125328	44620	156629
Earth clay	tonne	13949	57455	7115	35053	8915	60466
Emerald (cut & uncut): Total		**	26787394	**	21570148	**	15945392
Emerald (uncut)	tonne	3	281699	2	242508	3	731854
Emerald (cut)	000 carat	13680	26505695	93300	21327640	125929	15213538
Felspar (natural)	tonne	401422	1890429	437144	2234475	589820	2876166
Felspar (cut & uncut): Total		**	42423	**	22694	**	26488
Felspar (uncut)	tonne	++	1823	++	241	++	841
Felspar (cut)	000 carat	448	40600	1102	22453	2560	25647
Fireclay	tonne	36148	58678	2100	16879	2503	16318
Flint	tonne	717	2883	2524	18156	484	3991
Fluorspar	tonne	1195	22216	876	16549	561	20763
Garnet (abrasive)	tonne	505281	5108666	480774	6060269	448559	5673827
Garnet (cut & uncut): Total		**	49812	**	39395	**	31070
Garnet (uncut)	tonne	1	7193	3	2722	++	2870
Garnet (cut)	000 carat	701	42619	1373	36673	901	28200

(Contd.)

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Table - 1 (Contd.)

Mineral	Unit	2012-13		2013-14 (R)		2014-15 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Granite: Total	tonne	6061302	79415582	6802309	98685772	6563271	98322398
Granite (crude or roughly trimmed)	tonne	4191897	29290552	4622452	34705710	4508446	33917164
Granite (cut blocks/slabs)	tonne	512455	3526575	587137	4843967	407990	3659898
Granite (polished blocks/tiles)	tonne	250177	7760390	223790	6455623	196656	5226205
Granite (others)	tonne	1106773	38838065	1368930	52680472	1450179	55519131
Graphite (natural)	tonne	2304	155353	820	112370	2668	86578
Gypsum & plaster	tonne	44142	102191	48924	109055	65645	158036
Iron Ore: Total	000' tonne	18122	89852116	16302	94811058	7491	32119579
Iron Ore Conc:							
non agglomerated	000' tonne	40	249059	163	323083	70	312791
Iron ore fines	000' tonne	16563	81863595	13261	71549670	5999	22803834
Iron ore lumps	000' tonne	1519	7732861	1162	7618830	662	2559524
Iron ore pellets	000' tonne	++	202	1713	15316357	760	6434851
Iron ore pyrites	000' tonne	++	6399	3	3118	++	8579
Kaolin	tonne	191953	736848	276165	1053487	258330	941752
Kieselgurh	tonne	1	61	196	2984	137	2494
Kyanite	tonne	53	784	52	1174	39	505
Lead ores & conc.	tonne	14	336	7	201	509	22298
Limestone	tonne	2991810	2699327	2779074	3432311	3812679	4671420
Magnesite: Total	tonne	9503	148751	6118	127502	6612	120898
Magnesia (fused)	tonne	293	8331	389	15297	565	22180
Magnesia (not calcined)	tonne	1516	21120	172	6437	123	5340
Magnesia (calcined)	tonne	-	-	9	455	1	48
Magnesia: dead-burnt	tonne	288	5627	8	407	114	2923
Magnesium oxide	tonne	3124	60579	2083	46279	1251	32690
Magnesite (others)	tonne	4282	53094	3457	58627	4558	57717
Manganese Ore: Total	tonne	72242	269610	66030	189342	11026	65399
Manganese ore (46% or more Mn)	tonne	23	718	20	1102	-	-
Manganese ore (30% or more but below 35% Mn)	tonne	5380	25996	-	-	-	-
Manganese ore (ferruginous, 10% or more but ...)	tonne	-	-	10	31	-	-
Manganese ore (others)	tonne	66839	242896	66000	188209	11026	65399
Marble: Total	tonne	371222	5434999	337937	5703435	325705	5990599
Marble (dresssed)	tonne	261833	3215581	231149	2916976	209954	2809935
Marble (others)	tonne	109389	2219418	106788	2786459	115751	3180664
Mica: Total	tonne	127610	3460060	127882	3759755	140960	4258585
Mica (unmanufactured): Total	tonne	126792	2759729	127233	3058559	140310	3416003
Mica (blocks)	tonne	2559	198721	2055	181694	2178	200401
Mica (splittings)	tonne	1559	112393	4269	192636	10730	340648
Mica (powder)	tonne	91204	1699852	80946	1781538	90312	2023889
Mica (condenser films)	tonne	2	10084	97	22446	1	3494
Mica (waste & scrap)	tonne	31468	738679	39866	880245	37089	847571
Mica (worked): Total	tonne	818	700331	649	701196	650	842582
Mica (cond. films, plates, cuts NES)	tonne	8	13997	1	9777	1	12193
Mica (washers & discs)	tonne	90	174460	65	118451	81	153514
Mica (sheets & strips)	tonne	40	60813	72	84532	58	75599
Micanite & other built-up mica	tonne	15	9998	5	6660	15	6072
Mica (bricks)	tonne	-	-	-	-	-	-
Mica worked (others)	tonne	665	441063	506	481776	495	595204
Molybdenum ores & conc.	tonne	107	1026	351	324538	24	17801
Niobium or tantalum ores & conc.	tonne	32	24676	25	31537	24	24238
Natural gas	tonne	27736	1617704	4922	282766	138168	4901801
Nickel ores & conc.	tonne	86	1478	32	541	41	1452

(Contd.)

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Table - 1 (Concl'd.)

Mineral	Unit	2012-13		2013-14 (R)		2014-15 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Ochre: Total	tonne	8378	104308	3550	72785	4034	92570
Ochre (earth colours)	tonne	6338	54787	1618	26594	1761	24363
Ochre (persian red)	tonne	-	-	++	13	++	62
Ochre (red oxide)	tonne	1388	34815	1401	34079	1901	56730
Ochre (yellow ochre)	tonne	652	14706	531	12099	372	11415
Petroleum (crude)	000' tonne	-	-	-	-	-	-
Precious & semi-precious stones NES: Total		*	11554162	*	16965361	*	12991334
Precious & semi-precious stone uncut	tonne	1330	2167589	2335	2873111	1285	1770365
Precious & semi-precious stone cut	000 carat	106325	9386573	377994	14092250	962978	11220969
Precious metal ores & concs: Total	kg	78190	802698	36361	181906	10000	24
Precious metal ores & conc.	kg	68190	802295	36361	181906	10000	24
Silver ores & conc.	kg	10000	403	-	-	-	-
Quartz & quartzite: Total	tonne	233274	1608025	308409	2233315	410483	2938718
Quartz (natural)	tonne	184657	1116532	238930	1394538	337231	2090204
Quartzite (natural)	tonne	48617	491493	69479	838777	73252	848514
Rock phosphate: Total	tonne	21309	24477	948	7005	437	2916
Salt (other than common salt)	tonne	4597507	5282193	4956931	6562929	4776491	6390687
Sand (excluding metal bearing)	tonne	7342	455905	5444	369627	10751	342836
Sand stone	tonne	443010	5157627	540874	7579286	627008	8523123
Silica sand	tonne	4689	43188	4497	33142	1216	9802
Sillimanite	tonne	11151	133322	28152	148779	17304	141262
Slate: Total	tonne	108028	1463313	86090	1688206	100447	1867164
Slate (worked)	tonne	21031	405127	16106	541699	23922	659827
Slate (others)	tonne	86997	1058186	69984	1146507	76525	1207337
Steatite: Total	tonne	117568	1215354	149343	2028614	158405	2156562
Steatite blocks	tonne	3278	38772	2585	22406	1056	19327
Steatite lumps	tonne	4269	49848	9351	104043	7926	96594
Steatite powder & others	tonne	110021	1126734	137407	1902165	149423	2040641
Sulphur (excluding sublimed, precipitated & colloidal)	tonne	369960	3367801	577695	3949918	397399	3714082
Tin ores & conc.	tonne	-	-	8	1125
Titanium ores & conc.: Total	tonne	800730	14571902	687923	10412481	779598	7179648
Titanium ores & conc. (ilmenite)	tonne	791735	14158888	686264	8731824	775192	6956324
Titanium ores & conc. (rutile)	tonne	2322	253625	1619	1678038	4332	217945
Titanium ores & conc. (others)	tonne	6673	159389	40	2619	74	5379
Tripoli earth	tonne	1	334	-	-	-	-
Tungsten ores & conc.	tonne	93	9198	323	64205	175	29666
Vanadium ores & conc.	tonne	178	18159	2	7386	-	-
Vermiculite	tonne	648	5502	737	8706	1044	9906
Witherite	tonne	49	727	6	79	10	526
Wollastonite	tonne	18765	281471	19033	310240	17864	288087
Zinc ores & conc.	tonne	75870	2957887	45660	1620063	41	744
Zirconium ores & conc.	tonne	31600	962127	18036	648740	12230	488129
Other minerals	tonne	204046	586194	855864	1180653	1768058	1773765

Source: DGCI&S, Kolkata.

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

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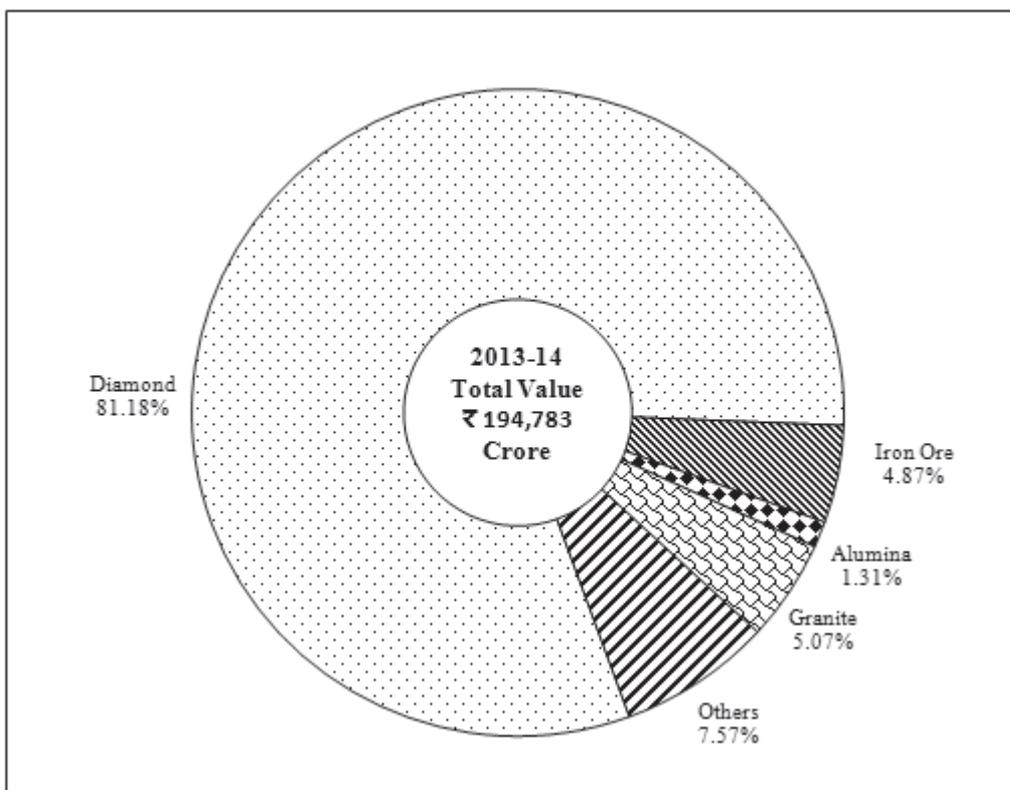
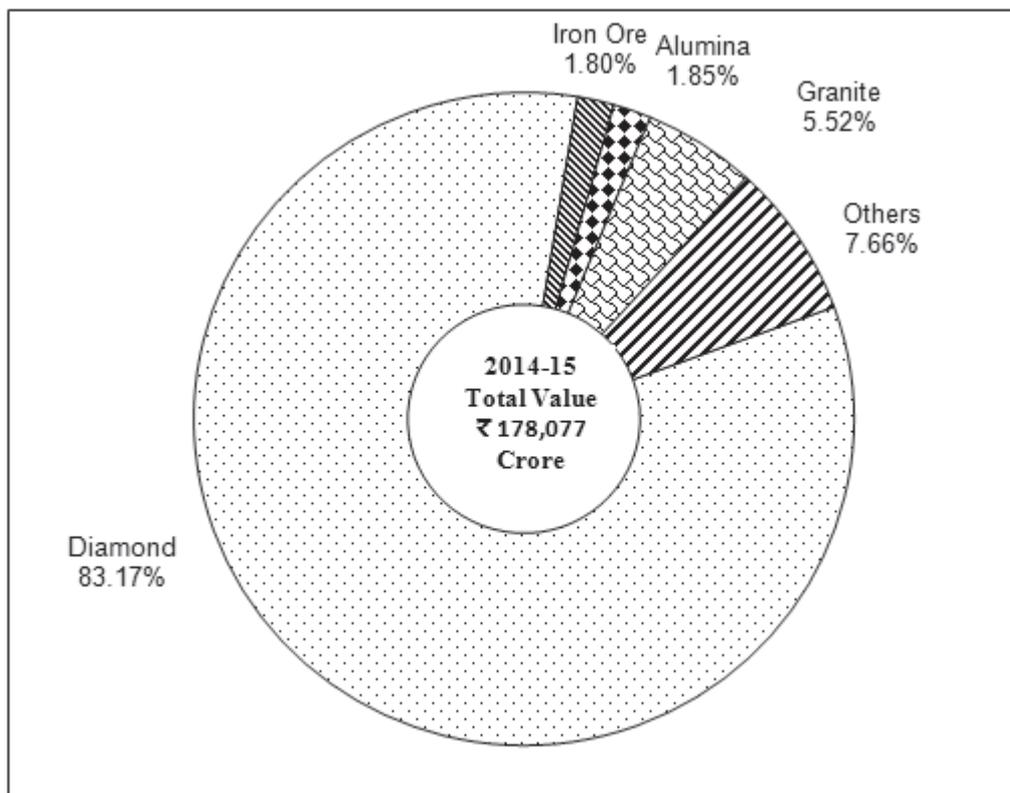
**Table – 2 : Value of Exports of Ores & Minerals (including Re-exports), 2012-13 to 2014-15
(By Principal Ores & Minerals)**

Ores & Minerals	2012-13		2013-14		2014-15 (P)		% increase (+) or decrease (-) in 2014-15 over 2013-14
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Minerals	1601012597	100	1947835200	100	1780766348	100	-8.58
Diamond	1266553169	79.11	1581348136	81.18	1481024676	83.17	-6.34
Granite	79415581	4.96	98685772	5.07	98322398	5.52	-0.37
Alumina	18834156	1.18	25423465	1.31	32974205	1.85	29.7
Iron ore	89852116	5.61	94811058	4.87	32119579	1.8	-66.12
Emerald (cut & uncut)	26787394	1.67	21570148	1.11	15945392	0.9	-26.08
Bauxite	6752047	0.42	6736457	0.35	14050662	0.79	108.58
Precious & semi-precious stones (cut & uncut)	11554162	0.72	16965362	0.87	12991334	0.73	-23.42
Sandstone	5157627	0.32	7579286	0.39	8523123	0.48	12.45
Building and monumental stones NES	5806657	0.36	6268602	0.32	7771235	0.44	23.97
Titanium ores & conc.	14571902	0.91	10412481	0.53	7179648	0.4	-31.05
Coal (excluding lignite)	8987175	0.56	10843197	0.56	7112051	0.4	-34.41
Salt (other than common salt)	5282193	0.33	6562929	0.34	6390687	0.36	-2.62
Marble	5434999	0.34	5703435	0.29	5990599	0.34	5.03
Garnet (abrasive)	5108666	0.32	6060269	0.31	5673827	0.32	-6.38
Natural gas	1617704	0.1	282766	0.01	4901801	0.28	1633.52
Limestone	2699327	0.17	3432311	0.18	4671420	0.26	36.1
Barytes	11920378	0.74	8699416	0.45	4525674	0.25	-47.98
Mica	3460061	0.22	3759755	0.19	4258586	0.24	13.27
Bentonite	3160993	0.2	3860451	0.2	3999734	0.22	3.61
Sulphur (excluding sublimed precipitated & colloidal)	3367801	0.21	3949918	0.2	3714082	0.21	-5.97
Quartz and quartzite	1608025	0.1	2233315	0.11	2938718	0.17	31.59
Felspar (natural)	1890429	0.12	2234475	0.11	2876166	0.16	28.72
Steatite	1215353	0.08	2028614	0.1	2156562	0.12	6.31
Slate	1463313	0.09	1688207	0.09	1867164	0.1	10.6
Coke	5649295	0.35	1478657	0.08	1090634	0.06	-26.24
Kaolin	736848	0.05	1053487	0.05	941752	0.05	-10.61
Diatomite	335483	0.02	521672	0.03	778088	0.04	49.15
Chromite	3107576	0.19	3468440	0.18	659259	0.04	-80.99
Abrasive (natural)	434150	0.03	242884	0.01	516071	0.03	112.48
Zirconium ores & conc.	962127	0.06	648740	0.03	488129	0.03	-24.76
Sand (excluding metal bearing)	455905	0.03	369627	0.02	342836	0.02	-7.25
Wollastonite	281471	0.02	310240	0.02	288087	0.02	-7.14
Clay (others)	179317	0.01	172389	0.01	217300	0.01	26.05
Ballclay	131329	0.01	158847	0.01	194269	0.01	22.3
Calcite	18839	0	187542	0.01	192309	0.01	2.54
Borax	122748	0.01	125007	0.01	164699	0.01	31.75
Gypsum	102191	0.01	109055	0.01	158036	0.01	44.91
Dolomite	133290	0.01	125328	0.01	156629	0.01	24.98
Sillimanite	133322	0.01	148779	0.01	141262	0.01	-5.05
Magnesite	148751	0.01	127502	0.01	120897	0.01	-5.18
Ochre	104308	0.01	72784	0	92569	0.01	27.18
Graphite (natural)	155353	0.01	112370	0.01	86578	0	-22.95
Manganese ore	269611	0.02	189342	0.01	65399	0	-65.46
Earth clay	57455	0	35053	0	60466	0	72.5
Garnet (cut and uncut)	49813	0	39396	0	31070	0	-21.13
Tungsten ores & conc.	9198	0	64205	0	29666	0	-53.79
Felspar (cut & uncut)	42422	0	22694	0	26487	0	16.71
Niobium or tantalum ores & conc.	24676	0	31537	0	24238	0	-23.14
Lead ores & conc.	336	0	201	0	22298	0	10993.53
Other minerals	4865555	0.3	6879597	0.34	1897997	0.11	-72.41

Source: DGCI&S, Kolkata.

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Value of Mineral Exports, 2013-14 and 2014-15



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**Table – 3 : Value of Exports of Ores & Minerals (including re-exports), 2012-13 to 2014-15
(By Principal Countries)**

Country	2012-13		2013-14		2014-15 (P)		% increase (+) or decrease (-) in 2013-14 over 2012-13
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Countries	1601012597	100	1947835200	100	1780766348	100	-8.58
Hong Kong	461100681	28.8	578699949	29.71	578323112	32.48	-0.07
USA	300628770	18.78	395931155	20.33	421953291	23.7	6.57
UAE	261685867	16.35	292953569	15.04	174860736	9.82	-40.31
Belgium	126477802	7.9	162821785	8.36	164659511	9.25	1.13
China	134662811	8.41	142767017	7.33	90369445	5.07	-36.7
Israel	63295619	3.95	80114321	4.11	72853788	4.09	-9.06
Thailand	34754785	2.17	46287302	2.38	41698901	2.34	-9.91
Japan	34050994	2.13	40770747	2.09	32703860	1.84	-19.79
UK	18196664	1.14	16526322	0.85	19545834	1.1	18.27
Switzerland	9389781	0.59	17757686	0.91	13747639	0.77	-22.58
Singapore	17459269	1.09	15565794	0.8	12493635	0.7	-19.74
Australia	9564073	0.6	11560891	0.59	11549837	0.65	-0.1
Korea, Rep. of	5470439	0.34	7968705	0.41	10971167	0.62	37.68
Italy	6577257	0.41	9046204	0.46	10218857	0.57	12.96
Bangladesh	10203649	0.64	12221756	0.63	9384582	0.53	-23.21
Germany	7146071	0.45	8577036	0.44	8965736	0.5	4.53
Iran	6128190	0.38	5122945	0.26	8928364	0.5	74.28
Turkey	4389748	0.27	4900696	0.25	6306565	0.35	28.69
Nepal	5390262	0.34	4641619	0.24	6070919	0.34	30.79
Saudi Arabia	5591718	0.35	6210392	0.32	5338917	0.3	-14.03
Canada	4143809	0.26	6676418	0.34	5245861	0.29	-21.43
France	4441813	0.28	4189269	0.22	5207396	0.29	24.3
South Africa	4000997	0.25	5564098	0.29	4487334	0.25	-19.35
Egypt	2075210	0.13	4247724	0.22	4128356	0.23	-2.81
Chinese Taipei/Taiwan	3509520	0.22	4086200	0.21	3915203	0.22	-4.18
Malaysia	8361094	0.52	7123968	0.37	3627687	0.2	-49.08
Netherlands	5668774	0.35	4529289	0.23	3227920	0.18	-28.73
Vietnam	1407441	0.09	2545337	0.13	3194376	0.18	25.5
Poland	1849177	0.12	2422330	0.12	3044089	0.17	25.67
Indonesia	2015982	0.13	3209544	0.16	2545530	0.14	-20.69
Qatar	1959430	0.12	1464644	0.08	2436453	0.14	66.35
Kuwait	1106058	0.07	1833165	0.09	1853371	0.1	1.1
Sri Lanka	437189	0.03	1118722	0.06	1822441	0.1	62.9
Libya	1314614	0.08	2887441	0.15	1742689	0.1	-39.65
Lebanon	1427211	0.09	1934762	0.1	1727192	0.1	-10.73
Bahrain	8059632	0.5	2453128	0.13	1533016	0.09	-37.51
Spain	1133120	0.07	1367475	0.07	1478908	0.08	8.15
Oman	1253005	0.08	4364982	0.22	1346531	0.08	-69.15
Russia	1377070	0.09	1508368	0.08	1202725	0.07	-20.26
Bhutan	1153287	0.07	1251771	0.06	1188104	0.07	-5.09
New Zealand	1019631	0.06	1081995	0.06	1073822	0.06	-0.76
Algeria	577142	0.04	783668	0.04	970188	0.05	23.8
Ireland	622932	0.04	764533	0.04	926297	0.05	21.16
Pakistan	1041134	0.07	1062739	0.05	917876	0.05	-13.63
Maldives	687650	0.04	182366	0.01	913934	0.05	401.15
Nigeria	872690	0.05	893653	0.05	771309	0.04	-13.69
Iraq	654741	0.04	677588	0.03	614824	0.03	-9.26
Mexico	594186	0.04	719153	0.04	611452	0.03	-14.98
Jordan	270539	0.02	478039	0.02	605969	0.03	26.76
Other countries	15813069	0.96	15966940	0.82	17460799	1.01	9.36

Source: DGCI&S, Kolkata.

Metals & Alloys:

The value of exports of metals & alloys at ₹ 1,67,120 crore in the year 2014-15 registered an increase of 9.12% as compared to that of ₹ 1,53,156 crore in the previous year. The contribution of metals & alloys in the total value of India's exports was 8.81% during the year under review.

Iron & steel, with a share of 52.01%, continued to hold the top position in the total value of metals exported from India in 2014-15. Copper & alloys (including brass & bronze) accounted for 12.31 percent. Aluminium and alloys including scrap and gold (non-monetary & monetary) contributed 10.4% and 10.3%, respectively. The contribution of ferro alloys was 5.97%, nickel and alloys including scrap was 3.3%, zinc and alloys including scrap was 2.25% and precious metals/metals clad with precious metals 1.5 percent. 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 showed a mixed trend in 2014-15 over previous year. The export value of silver clad base metals increased manifold and that of cobalt & alloys (including waste and scrap) and nickel and alloys including scrap by more than two to three times. The other metals & alloys that showed significant growth are: tantalum & scrap 90.74%, aluminium and alloys including scrap 49.48%, zinc and alloys including scrap 41.55%, precious metals/metals clad with precious metals 32.55%, titanium & alloys (including waste & scrap) 20.72%, copper & alloys (including brass & bronze) 20.19%, molybdenum & scrap 17.02% and antimony alloys & scrap 13.76 percent. However, the export values of metals & alloys that recorded negative growth during 2014-15 as compared to previous year are: silver 69.3%, tin and alloys including scrap 52.77%, pig & cast iron (including speigeliessen) 42.83%, tungsten and alloys including scrap 30.51%, selenium

20.55% and lead and alloys including scrap 11.48 percent.

India exported metals & alloys to 202 countries (including country item unspecified) in 2014-15 as against 208 countries in the preceding year. Bulk of the metals and alloys having share more than 1% to total value was exported to 26 countries. These countries together accounted for 78.32% of the total value of exports during 2014-15.

UAE occupies the top position with a share of 19.22% of Indian exports during 2014-15 followed by USA 10.45%, China 8.28%, Korea, Rep. of 3.96%, Saudi Arabia 3.52%, Iran 2.98%, Italy 2.91%, Germany 2.59%, Mexico 2.57 and Nepal, Singapore and Malaysia 2.44 percent each. The individual shares of UK, Belgium, Chinese Taipei/Taiwan, Thailand, Netherlands, Bangladesh, Turkey, Japan, Canada, Indonesia and Spain were between 1 and 2 % and in respect of remaining countries it was less than 1 percent.

The value of exports of metals & alloys for Bulgaria increased five fold during the period (for Peru, the export value increased more than three times, while in the case of Iran it doubled). The other countries that recorded significant increase in value of exports of metals & alloys are: Malaysia 92.66%, Tanzania 87.29%, Saudi Arabia 45.72%, Mexico 42.1%, Colombia 40.05%, Singapore 37.5%, Nepal 36.23%, USA 28.02%, Canada 27.22%, Turkey 27.11%, Qatar 26.67%, Portugal 18.82%, Poland 16.05%, Spain 14.48%, Italy 13.12%, Iraq 12.43%, Korea, Rep. of 11.29% and Egypt 10.36 percent. The value of exports of metals & alloys, however, showed a decline for Vietnam 58.48%, Kenya 42.33%, Myanmar 29.95%, Nigeria 26.12%, Thailand 21.17%, Russia 20.19%, Benin 16.83%, Ghana 15.67%, Belgium 14.9%, UK 14.89%, Chinese Taipei/Taiwan 14.74%, Oman 14.26%, South Africa 13% and Japan 10.66% during the year under review.

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Table – 4 : Exports of Metals and Alloys, 2012-13 to 2014-15

(Value in ₹'000)

Metals/Alloys	Unit	2012-13		2013-14		2014-15 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Metals & alloys		**	1406138832	**	1531563802	**	1671198494
Aluminium alloys & scrap	tonne	566662	87154851	707217	116253038	1033006	173770732
Antimony alloys & scrap	tonne	2123	1311070	1864	1063470	2371	1209763
Bismuth & scrap	tonne	5	5460	++	703	++	2331
Boron	tonne	-	-	++	53	++	119
Cadmium waste & scrap	tonne	15	3211	68	4553	74	4545
Cement copper precipitated	tonne	++	18	++	32	++	41
Chromium & alloys (scrap)	tonne	20	21917	73	77559	94	72047
Cobalt alloys & scrap: Total	tonne	67	80649	111	32028	109	124799
Cobalt & alloys	tonne	58	73025	19	12500	102	119533
Cobalt (scrap)	tonne	9	7624	92	19528	7	5266
Copper & alloys							
(Including brass & bronze): Total	tonne	331478	157325127	333082	171115615	459468	205662295
Copper & alloys	tonne	291458	137256264	291593	144944444	417132	175342728
Copper (scrap)	tonne	4992	1791011	4274	1477744	4037	1485483
Copper alloys & scrap	tonne	31	41164	98	68493	52	32428
Brass & bronze	tonne	34085	18014084	36064	24295946	37019	28445803
Brass & Bronze (scrap)	tonne	912	222604	1053	328988	1228	355853
Ferro alloys: Total	tonne	1676644	101504136	1727542	105054411	1623899	99837096
Ferro-boron	tonne	2	721	4	1314	28	7412
Ferro-chrome	tonne	511224	32645517	563098	38158023	426245	27051294
Ferro-columbium	tonne	4	6180	9	20217	6	7001
Ferro charge-chrome	tonne	66	7286	59	8177	10	2036
Ferro-manganese	tonne	157895	8860445	156931	8986479	203163	12592464
Ferro-molybdenum	tonne	734	444999	268	245246	120	69420
Ferro-nickel	tonne	1715	1800674	++	6	-	-
Ferro-niobium	tonne	1	1737	6	10889	11	20047
Ferro-phosphorus	tonne	18	1202	34	3518	38	7640
Ferro-selenium	tonne	++	50	216	16323	2	116
Ferro-silicon	tonne	18824	1459548	36901	3039446	57084	4749615
Ferro-titanium	tonne	116	21763	33	6265	245	68738
Ferro-tungsten	tonne	157	28124	70	263041	12	10141
Ferro-vanadium	tonne	488	458454	83	108974	176	213865
Ferro-zirconium	tonne	2	541	3	819	1	590
Ferro silico-chrome	tonne	363	20551	-	-	3	384
Ferro-silico-magnesium	tonne	9114	947969	13348	1554668	14933	1668030
Ferro silico-manganese	tonne	969993	54166178	930729	51710078	918847	53051405
Ferro-alloys (others)	tonne	5928	632197	25750	920928	2975	316896
Ferro-cobalt	tonne	-	-	-	-	++	2
Gold (non-monetary							
& monetary): Total	kg	85349	241164115	70721	183513035	69894	172166206
Gold, monetary	kg	-	-	-	-	-	-
Gold, non-monetary: Total	kg	85349	241164115	70721	183513035	69893	172166206
Powder	kg	2	427	-	-	-	-
Other unwrought forms	kg	85334	241140973	70335	182596195	69888	172164101
Other semi-manufactured forms	kg	13	22715	386	916840	5	2105
Gold-clad metals/base metals NES	tonne	++	878	-	-	++	2
Iron & steel: Total	tonne	10377748	723047018	11959782	833731286	11982434	869190611
Iron & steel (finished steel							
including Cr Sheet)	tonne	4756319	299617400	5123998	322641749	5187591	327824002
Iron & steel (semi-finished steel							
including ingots)	tonne	3448184	150846587	4677636	203432087	4332437	197265352
Iron & steel (steel wire)	tonne	115175	17682899	127627	18235819	116167	18752335
Iron & steel (sponge iron)	tonne	116916	2796923	166616	4138487	207883	4780981
Iron & steel (scrap)	tonne	4226	438100	6960	540925	4759	531836
Iron & steel: alloy steel							
(granules)	tonne	3975	96583	456	40456	1257	73375
Iron & steel: alloy steel (powder)	tonne	37	6120	13	603	78	7509
Iron & steel (other finished steel,							
NES)	tonne	1837420	241606755	1763329	275039552	2043665	308103906
Iron & steel (material)	tonne	76579	6315055	83464	6977821	74318	5703233

(Contd.)

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Table - 4 (Concl'd.)

Metals/Alloys	Unit	2012-13		2013-14		2014-15 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Iron & steel (stainless steel)	tonne	18917	3640596	9683	2683787	14279	6148082
Lead & alloys & scrap: Total	tonne	47155	6339031	80865	11994067	76289	10617034
Lead & alloys	tonne	47116	6335381	80739	11974740	76173	10599712
Lead (scrap)	tonne	39	3650	126	19327	116	17322
Magnesium & scrap	tonne	234	25839	280	65276	66	30471
Manganese & alloys							
(including waste & scrap): Total	tonne	138	88492	199	100365	134	111364
Manganese & alloys							
(unwrought & wrought)	tonne	118	77147	156	91716	114	107093
Manganese & alloys NES	tonne	20	11345	43	8649	20	4271
Mercury	tonne	44	62034	83	270391	8	37675
Molybdenum & scrap	tonne	10	110819	77	161373	55	188842
Nickel & alloys including scrap: Total	tonne	21615	22779944	26459	26246009	46771	55174050
Nickel & alloys	tonne	21338	22663235	26119	26112280	46462	55040521
Nickel (scrap)	tonne	277	116709	340	133729	309	133529
Other rare metals NES	tonne	4	4405	2	17098	++	4203
Pig & cast iron (including speigeliessen)	tonne	433884	10218710	1113219	26350078	650353	15064847
Platinum alloys & related metals: Total	kg	1780	209126	1357	985444	78	83710
Platinum (powder, unwrought & others)	kg	1755	193397	1348	985027	77	82704
Other metals of platinum group	kg	25	15729	9	417	1	1006
Platinum-clad base/precious metal	kg	397	556	152	524	11	625
Precious metals/metals clad with precious metals	tonne	794	24478920	531	18900402	581	25052694
Selenium	tonne	192	879234	143	440707	124	350157
Silver	tonne	38	1928248	31	1127885	5	346251
Silver clad base metals	kg	563	4616	2	42	22375	264220
Silicon	tonne	93	10506	84	17642	260	34175
Tantalum & scrap: Total	tonne	7	78116	3	49216	5	93874
Tantalum alloys unwrought	tonne	5	52735	1	35412	4	71405
Tantalum & scrap	tonne	2	25381	2	13804	1	22469
Tellurium	tonne	31	3478	24	6979	++	93
Tin & alloys including scrap: Total	tonne	1504	329765	4102	5022785	2217	2372272
Tin & alloys	tonne	193	179346	3348	4920014	1658	2297858
Tin & alloys: worked	tonne	1271	146624	751	100840	557	73257
Tin (scrap)	tonne	40	3795	3	1931	2	1157
Titanium & alloys							
(including waste & scrap)	tonne	195	268751	118	163435	174	197302
Tungsten alloys & scrap	kg	408664	1951349	745397	2265367	475385	1574148
Zinc & alloys including scrap: Total	tonne	198676	24748100	194976	26530058	246395	37553145
Zinc & alloys	tonne	198599	24741201	194689	26473141	246265	37526431
Zinc (scrap)	tonne	77	6899	287	56917	130	26714
Zirconium & scrap	tonne	1	343	3	2876	8	6755

Source: DGCI&S, Kolkata.

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

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**Table – 5 : Value of Exports of Metals & Alloys, 2012-13 to 2014-15
(By Principal Metals & Alloys)**

Metal/Alloys	2012-13		2013-14		2014-15 (P)		% increase (+) or decrease (-) in 2014-15 over 2013-14
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Metal & alloys	1406138832	100	1531563802	100	1671198494	100	9.12
Iron & steel	723047018	51.42	833731287	54.44	869190610	52.01	4.25
Copper & alloys							
(including brass & bronze)	157325126	11.19	171115616	11.17	205662294	12.31	20.19
Aluminium & alloys							
including scrap	87154850	6.2	116253038	7.59	173770733	10.4	49.48
Gold (non-monetary & monetary): Total	241164115	17.15	183513035	11.98	172166206	10.3	-6.18
Ferro alloys	101504136	7.22	105054411	6.86	99837097	5.97	-4.97
Nickel & alloys including scrap	22779945	1.62	26246009	1.71	55174051	3.3	110.22
Zinc & alloys including scrap	24748099	1.76	26530057	1.73	37553144	2.25	41.55
Precious metals/metals clad							
With precious metals	24478920	1.74	18900402	1.23	25052694	1.5	32.55
Pig & cast iron							
(including speigeliessen)	10218710	0.73	26350078	1.72	15064847	0.9	-42.83
Lead & alloys including scrap	6339030	0.45	11994066	0.78	10617034	0.64	-11.48
Tin & alloys including scrap	329763	0.02	5022784	0.33	2372271	0.14	-52.77
Tungsten & alloys including scrap	1951350	0.14	2265367	0.15	1574148	0.09	-30.51
Antimony alloys & scrap	1311070	0.09	1063470	0.07	1209762	0.07	13.76
Selenium	879234	0.06	440707	0.03	350157	0.02	-20.55
Silver	1928248	0.14	1127885	0.07	346251	0.02	-69.3
Silver clad base metals	4616	0	42	0	264220	0.02	628995.24
Titanium & alloys							
(including waste & scrap)	268751	0.02	163436	0.01	197301	0.01	20.72
Molybdenum & scrap	110819	0.01	161374	0.01	188842	0.01	17.02
Cobalt & alloys							
(including waste & scrap)	80649	0.01	32029	0	124799	0.01	289.64
Manganese & alloys							
(including waste & scrap)	88492	0.01	100365	0.01	111364	0.01	10.96
Tantalum & scrap	78117	0.01	49216	0	93874	0.01	90.74
Other metals and alloys	347774	0.01	1449128	0.11	276795	0.01	-80.90

Source: DGCI&S, Kolkata.

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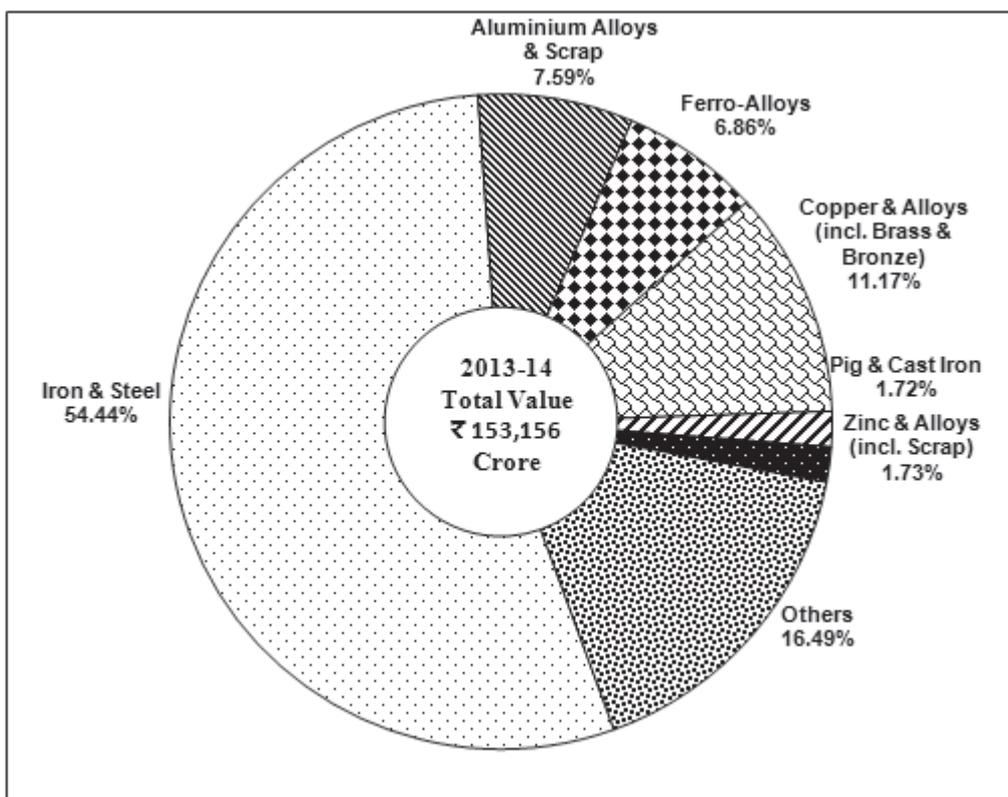
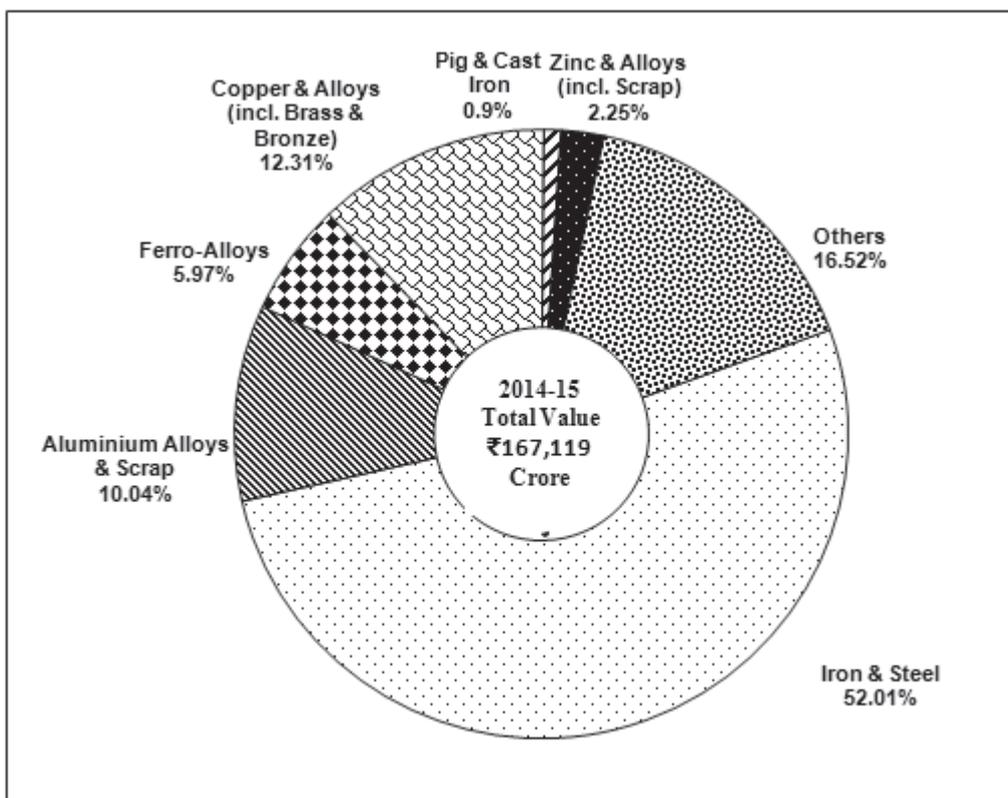
**Table – 6 : Value of Exports of Metals & Alloys, 2012-13 to 2014-15
(By Principal Countries)**

Country	2012-13		2013-14		2014-15 (P)		% increase (+) or decrease (-) in 2014-15 over 2013-14
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Countries	1406138832	100	1531563802	100	1671198494	100	9.12
UAE	342420817	24.35	304006934	19.85	321267877	19.22	5.68
USA	134954219	9.6	136367053	8.9	174580731	10.45	28.02
China	130951526	9.31	151062745	9.86	138355047	8.28	-8.41
Korea, Rep. of	50953515	3.62	59522786	3.89	66245836	3.96	11.29
Saudi Arabia	36344209	2.58	40382719	2.64	58846286	3.52	45.72
Iran	8828832	0.63	21291334	1.39	49731118	2.98	133.57
Italy	36227023	2.58	43046586	2.81	48692462	2.91	13.12
Germany	41112990	2.92	40374910	2.64	43292337	2.59	7.23
Mexico	13340812	0.95	30183073	1.97	42891101	2.57	42.1
Singapore	25291618	1.8	29717466	1.94	40860063	2.44	37.5
Malaysia	29270987	2.08	21150747	1.38	40749998	2.44	92.66
Nepal	24674772	1.75	29878045	1.95	40701991	2.44	36.23
UK	22501402	1.6	36176067	2.36	30790636	1.84	-14.89
Belgium	35685567	2.54	28164302	1.84	23966919	1.43	-14.9
Chinese Taipei/Taiwan	16712748	1.19	26773600	1.75	22827080	1.37	-14.74
Thailand	26949304	1.92	28758901	1.88	22669233	1.36	-21.17
Netherlands	17674708	1.26	24200832	1.58	22440722	1.34	-7.27
Turkey	16042936	1.14	16477433	1.08	20943896	1.25	27.11
Bangladesh	16300199	1.16	20351470	1.33	20903766	1.25	2.71
Japan	17298107	1.23	23029988	1.5	20574464	1.23	-10.66
Canada	15318020	1.09	16159348	1.06	20558142	1.23	27.22
Indonesia	19233013	1.37	17231889	1.13	18781198	1.12	8.99
Spain	14416504	1.03	16066517	1.05	18393335	1.1	14.48
Sri Lanka	12188623	0.87	15050935	0.98	15470890	0.93	2.79
Peru	5410926	0.38	3672594	0.24	14102893	0.84	284
Brazil	9886285	0.7	13817689	0.9	13508680	0.81	-2.24
Tanzania	4962799	0.35	6916711	0.45	12954210	0.78	87.29
Vietnam	13249536	0.94	28599445	1.87	11875705	0.71	-58.48
Nigeria	14512457	1.03	15790711	1.03	11666791	0.7	-26.12
France	9457694	0.67	12112165	0.79	11254842	0.67	-7.08
Australia	13804852	0.98	10548409	0.69	10991843	0.66	4.2
South Africa	13474637	0.96	11683639	0.76	10165143	0.61	-13
Kenya	14754382	1.05	17552239	1.15	10121902	0.61	-42.33
Colombia	3833799	0.27	7178268	0.47	10053477	0.6	40.05
Ethiopia	8770719	0.62	9808670	0.64	9838831	0.59	0.31
Iraq	18252849	1.3	8155994	0.53	9169585	0.55	12.43
Bulgaria	2590038	0.18	1765530	0.12	8987315	0.54	409.04
Egypt	7175218	0.51	7797876	0.51	8605465	0.51	10.36
Oman	10973583	0.78	9936982	0.65	8520358	0.51	-14.26
Poland	3836952	0.27	6943123	0.45	8057602	0.48	16.05
Qatar	5267760	0.37	6257554	0.41	7926717	0.47	26.67
Russia	8325942	0.59	9539426	0.62	7613673	0.46	-20.19
Sweden	4998304	0.36	7059053	0.46	7002843	0.42	-0.8
Ghana	5852940	0.42	7338385	0.48	6188180	0.37	-15.67
Myanmar	3545092	0.25	6953629	0.45	4871364	0.29	-29.95
Portugal	1704909	0.12	4025971	0.26	4783646	0.29	18.82
Kuwait	5987857	0.43	4653339	0.3	4715508	0.28	1.34
Ecuador	3495888	0.25	4351391	0.28	4021940	0.24	-7.57
Benin	3692879	0.26	4794281	0.31	3987345	0.24	-16.83
Czech Republic	2636170	0.19	3682877	0.24	3942366	0.24	7.05
Other countries	100991914	7.2	125202171	8.18	121735142	7.28	-2.77

Source: DGCI&S, Kolkata.

FOREIGN TRADE

Value of Metal & Alloy Exports, 2013-14 and 2014-15



FOREIGN TRADE

Table – 7 : Export of Selected Mineral-based Products, 2012-13 to 2014-15

(Value in ₹'000)

Mineral-based-products	Unit	2012-13		2013-14		2014-15(P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Item		**	3250409046	**	3739548082	**	2938251912
Aluminium fluoride	tonne	3756	240993	3658	257125	2831	197961
Asbestos cement products	tonne	59015	1045836	77129	1245602	161018	2428929
Asbestos fibre products	tonne	32849	3905027	31664	4306102	31471	4139396
Bleaching powder	tonne	11141	555441	12469	469971	16976	667839
Boric acid	tonne	1465	71485	785	63000	1282	91951
Briquets of coke, semi-coke of coal	tonne	3441	14227	1426	7774	2317	17065
Calcium carbide	tonne	1758	85334	269	14776	412	22973
Caustic soda	tonne	59109	2016575	76060	2256827	42199	1197330
Cement: Total	tonne	2917598	9686093	5140758	15990899	6287576	18468569
Cement (portland grey)	tonne	1889827	6317603	1987115	6824005	1553244	5151055
Cement (portland white)	tonne	86306	567061	80732	640733	71246	536679
Cement (clinkers)	tonne	783254	2091095	2425903	6219787	3973987	10373003
Cement (others)	tonne	158211	710334	647008	2306374	689099	2407832
Cryolite (artificial)	tonne	15	1307	93	8124	45	4029
Graphite (artificial)	tonne	23666	2354355	17415	1453521	16852	1620297
Graphite bricks & shapes	tonne	37	1626	100	1011	304	3833
Graphite crucibles	tonne	2290	4644	85	4745	103	3855
Hydrofluoric acid	tonne	1191	77725	1415	101553	2291	162607
Manganese oxide: Total	tonne	10889	444917	15763	692934	16449	642152
Manganese oxides (other than Mn dioxide)	tonne	8785	390231	14124	629367	13188	537072
Manganese dioxide	tonne	2104	54686	1639	63567	3261	105080
Non-ferrous ash & residues	tonne	97564	231698	146739	369766	152990	460549
Petroleum Products*: Total	000 ¹ tonne	63407	3200890000	67864	3682770000	63926	2885620000
Light distillates	000 ¹ tonne	25504	1401730000	23796	1406250000	23310	1150450000
Naphtha	000 ¹ tonne	8647	435330000	8322	460590000	7008	316190000
Other light distillates	000 ¹ tonne	16857	966400000	15474	945660000	16302	834260000
Middle distillates	000 ¹ tonne	27160	1409590000	32259	1816170000	31100	1406710000
Heavy ends	000 ¹ tonne	10743	389570000	11809	460350000	9516	328460000
Other refractory manufactured	tonne	381760	4026981	68398	4734289	110353	5237698
Phosphoric acid	tonne	74348	1718637	56711	1105268	4014	110979
Phosphorus (elemental)	tonne	482	272020	434	371637	360	129957
Phosphatic fertilizers	tonne	456	18468	1269	40951	2081	24053
Potash fertilizer	tonne	13972	442706	19753	649845	39052	1122425
Potassium nitrate	tonne	1061	74452	1144	92206	1133	169325
Refractory bricks/fire bricks	tonne	330660	6330676	213394	6212776	234488	7377431
Silicon carbide crucibles	tonne	4024	561122	3240	595567	3478	674749
Slag dross	tonne	1289898	7969044	1452304	8925121	557644	2976616
Soda ash	tonne	82143	1276607	84252	1250574	27720	516632
Sodium nitrate	tonne	57	2687	102	4005	75	3355
Sodium nitrite	tonne	5562	224695	7996	321503	9808	386363
Sulphur (sublimed, precipitated & colloidal): Total	tonne	11155	1344068	14516	1782638	12770	1486491
Sulphur (colloidal)	tonne	79	4353	90	4711	39	1047
Sulphur (precipitated)	tonne	104	2868	92	1872	155	3645
Sulphur (sublimed)	tonne	10972	1336847	14334	1776055	12576	1481799
Titanium dioxide & oxide: Total	tonne	38011	4519600	38206	3447972	37924	2286503
Titanium dioxide	tonne	3470	527827	9054	1285335	5157	710758
Titanium oxides (other than above)	tonne	34541	3991773	29152	2162637	32767	1575745

Source: DGCI&S, Kolkata.

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

* Ministry of Petroleum & Natural Gas Basic Statistics.

IMPORTS

Ores and Minerals

The value of imports of ores & minerals in 2014-15 accounted for 39.15% of the total value of all merchandise imported into India. During 2014-15, the total value of imports of ores and minerals at ₹ 10,71,689 crore showed a decrease of 11.86% as compared to ₹12,15,827 crore during 2013-14.

Petroleum (crude) continued to be the largest constituent item with a share of 66.19% in the total value of mineral imports in 2014-15. Next in order of importance was diamond with a share of 11.68 % followed by coal (excluding lignite) with the contribution of 9.75%, natural gas 5.26 % and copper ores & concentrates 2.66 percent. The combined share of these five minerals was 95.54% in 2014-15 as against 97.2% in the previous year.

The increase in value of imports of ores & minerals for precious metal ores & concentrates and iron ore was manifold during 2014-15 as compared to previous year. For nickel ores & conc., the import value increased by more than three times and it more than doubled for emerald (cut & uncut) and bauxite. The other minerals which registered increase in value of imports are sulphur (excluding sublimed precipitated & colloidal) 58.56%, molybdenum ores & conc. 55.55%, magnesite 50.11%, asbestos and building and monumental stones 29.09% each, gypsum 28.48%, borax 25.98%, fluorspar 23%, manganese ore 22.48%, kaolin 17.02%, precious & semi-precious stones (cut & uncut) 16.7% and coal (excluding lignite) 13.19 percent. However, the value of imports has declined by 49.75% for titanium ores & conc., 35.61% for coke, 22.86% for alumina, 18.43% for petroleum (crude), 15.8% for dolomite, 14.22% for copper ores & conc., 11.7% for zirconium ores & conc., 7.36% for chromite, 7.19% for diamond and 5.86% for

granite during the year under review as compared to the previous year.

During 2014-15, minerals were imported from 152 countries (figures are inclusive of country item “unspecified”). About 97.35% of the total value of imports of ores & minerals was confined to 40 countries. Out of these 40 countries, only 19 countries accounted for about 87.87% of the total value of minerals imported during the year under review. Saudi Arabia occupies the top position in 2014-15 and in value terms accounted for 12.86% of the total value of mineral imports. Next in the order was UAE 8.8%, Iraq 8.06%, Nigeria 7.7%, Venezuela 6.75%, Kuwait 6.54%, Qatar 5.72%, Belgium 5.11%, Indonesia 4.55%, Australia 4.1%, Iran 4.01% and Angola 2.58% . The individual share of South Africa, Brazil, Hong Kong, Chile, Mexico, Malaysia and Colombia varied between 2 and 1 percent, and that of remaining countries was less than one percent.

Imports of ores & minerals in 2014-15 revealed that imports value from Netherlands and Ecuador increased by manifold and from Turkey by more than three times while imports from Cameroon, Botswana and Equatorial Guinea doubled. The other countries which recorded increase in value of imports of ores and minerals during current year are: South Africa 56.28%, Algeria 42.81%, Malaysia 38.86%, Brazil 31.13%, Sudan 25.99%, Chile 23.09%, Canada 22.32%, Jordan 18.61%, Russia 16.79% and Brunei 12.17 percent. Imports value, however, showed a decline of 62.91% for Colombia, 43.55% for Oman, 37.38% for Yemen Republic, 30.06% for Egypt, 26.97% for Saudi Arabia, 23.89% for Angola, 23.22% for Kuwait, 21.96% for Iraq, 16.77% for Iran, 16.48% for China, 14.33% for Qatar, 14.21% for Venezuela, 13.7% for Hong Kong, 9.61% for Israel , 9.37% for Mexico and 7.76 % for UAE.

FOREIGN TRADE

Table – 8 : Imports of Ores and Minerals, 2012-13 to 2014-15

(Value in ₹'000)

Mineral	Unit	2012-13		2013-14		2014-15(P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Minerals		**	11008001478	**	12158267979	**	10716891382
Abrasives (natural)	tonne	5850	79649	4312	56954	5775	80934
Alabaster	tonne	798	16809	877	23975	912	24831
Alumina	tonne	1113927	24589496	1169523	27542194	790305	21244790
Andalusite	tonne	13767	262633	8738	187621	9350	201731
Antimony ores & conc.	tonne	4916	1361490	3464	888707	4711	1004076
Arsenic sulphide (natural)	tonne	40	2621	8	576	31	2041
Asbestos: Total	tonne	460445	19004033	285870	13298986	396493	17168105
Asbestos (chrysotile)	tonne	458567	18935163	283719	13224308	396258	17159659
Asbestos (others)	tonne	1309	51115	2151	74678	235	8446
Asbestos (amphibole)	tonne	569	17755	-	-	-	-
Ball clay	tonne	156527	1044148	130804	915231	125384	957636
Barytes	tonne	6174	112461	5687	144378	7484	146614
Bauxite	tonne	66742	1494744	421612	3662474	1800690	8560886
Bentonite	tonne	3245	130584	6071	201663	11002	316055
Borax: Total	tonne	95046	2980032	112775	3551233	146301	4474017
Natural borate	tonne	26656	638221	44856	1057753	67430	1590619
Sodium borate	tonne	63880	2017621	63425	2204918	75332	2586805
Other borates	tonne	4510	324190	4494	288562	3539	296593
Building & monumental stones NES	tonne	1211434	1257775	958905	1147451	766721	1481235
Calcite	tonne	145966	652237	75863	427442	66450	369703
Chalk	tonne	6003	36136	17172	108515	6714	47715
Chromite: Total	tonne	216736	2503421	261336	3099722	242685	2871479
Chrome ore others	tonne	43146	637854	28606	393387	36135	517956
Chrome ore conc.	tonne	2603	62768	3564	88305	11331	196110
Chrome ore lumps	tonne	170987	1802799	229166	2618030	195219	2157413
Clay (others)	tonne	14638	194203	17016	256640	14347	231877
Coal (excluding lignite)	000 tonnes	145790	868505454	166861	923353960	217785	1045125605
Coal: lignite	000 tonnes	++	5407	++	5629	++	11131
Coke	tonne	3077258	56872490	4167206	67948149	3290324	43751479
Coal gas	tonne	6	616	++	306	++	1290
Cobalt (ores & conc.)	tonne	443	548799	16	17358	272	366480
Copper ores & conc.	tonne	2296421	309704411	2048240	332267404	1702247	285028249
Corundum (natural)	tonne	++	27	2	96	-	-
Diamond: Total		**	1176986143	**	1349155094	**	1252140913
Diamond (industrial)	carat	53045	81581	3135870	6755910	520983	298568
Diamond (mostly cut)	carat	135729330	1175678084	146612350	1341171052	150487349	1250347957
Diamond powder	000 carat	181551	1226478	168540	1228132	351378	1494388
Diatomite	tonne	3600	109400	6006	186713	2122	87085
Dolomite	tonne	1859996	2529066	2511602	3736522	2014760	3146097
Earth clay	tonne	196	10056	586	16862	4617	2979
Emerald (cut & uncut):							
Total		**	37464291	**	22328772	**	63062394
Emerald (uncut)	tonne	128	10094363	85	5117924	32	6432925
Emerald (cut)	000 carat	9752	27369928	8714	17210848	65144	56629469
Felspar (natural)	tonne	59956	252204	42448	212990	66749	242645
Felspar (cut & uncut):							
Total		**	3590	**	12453	**	9639
Felspar (uncut)	tonne	8	3590	2	12422	25	7288
Felspar (cut)	000 carat	-	-	++	31	77	2351
Fireclay	tonne	1610	22423	146	4473	4	137
Flint	tonne	28	1086	-	-	141	2257
Fluorspar	tonne	98043	2241949	117254	2412179	155673	2967071
Garnet (abrasive)	tonne	1115	19800	626	10542	647	10297

(Contd.)

FOREIGN TRADE

Table - 8 (Contd.)

Mineral	Unit	2012-13		2013-14		2014-15(P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Garnet (cut & uncut): Total		**	117864	**	46894	**	68743
Garnet (uncut)	tonne	44	110756	58	45309	33	59753
Garnet (cut)	000 carat	5	7108	2	1585	210	8990
Granite: Total	tonne	64739	1860578	71378	2402008	65265	2261146
Granite (crude or roughly trimmed)	tonne	33233	873669	40563	1299814	44233	1289495
Granite (cut blocks/slabs)	tonne	2312	49713	7849	200368	6290	210530
Granite (polished blocks/tiles)	tonne	4313	148805	4060	130545	5017	130523
Granite (others)	tonne	24881	788391	18906	771281	9725	630598
Graphite (natural)	tonne	19485	1193505	22916	1235588	28549	1335288
Gypsum & plaster	tonne	3218900	5009977	3231930	5252011	4421048	6747745
Iron Ore: Total	000 tonnes	3056	25778633	369	3423552	12093	65947416
Iron Ore Conc.:							
Non Agglomerated	000 tonnes	692	5581892	11	79147	4939	24964706
Iron ore fines	000 tonnes	-	-	-	-	4837	25280627
Iron ore lumps	000 tonnes	889	6165682	59	551355	1657	10498236
Iron ore pellets	000 tonnes	1474	14002063	297	2748216	656	5151575
Iron ore pyrites	000 tonnes	1	28996	2	44834	4	52272
Kaolin	tonne	87867	1095336	80204	1420872	93322	1662634
Kieselgurh	tonne	1	55	20	717	20	804
Kyanite	tonne	622	20765	394	13711	508	17006
Lead ores & conc.	tonne	56049	7590645	33405	3880931	39441	3846804
Limestone	tonne	11139331	16672231	13214179	21580366	13834373	21961663
Magnesite: Total	tonne	79080	2770015	66001	2216905	102077	3327761
Magnesia (fused)	tonne	7488	301832	6429	263317	5993	245797
Magnesite (not calcined)	tonne	4340	28059	6630	55130	9286	48413
Magnesite (calcined)	tonne	18726	760019	7097	199334	12347	458054
Magnesite: dead-burnt magnesia	tonne	25501	706983	18182	619105	42316	1423690
Magnesium oxide	tonne	8030	387000	12901	474313	18687	616177
Magnesite (other)	tonne	14995	586122	14762	605706	13448	535630
Manganese ore: Total	tonne	2326729	25622446	2179334	28306272	3172858	34669120
Manganese ore (46% or more Mn)	tonne	813713	10396960	677467	10380640	892093	11730476
Manganese ore (35% or more but below 46% Mn)	tonne	1319657	13700888	1396939	16778809	2090849	21380159
Manganese ore (30% or more but below 35% Mn)	tonne	45851	307326	20726	169297	170570	1426501
Manganese ore (ferruginous, 10% or more but below 30%)	tonne	40102	252952	12284	97710	19345	129611
Manganese ore (others)	tonne	107406	964320	71918	879816	1	2373
Marble: Total	tonne	757793	20313010	757948	22107203	779330	23848492
Marble (dresssed)	tonne	618414	12695212	626229	14418612	641493	14868734
Marble (others)	tonne	139379	7617798	131719	7688591	137832	8979758
Mica: Total	tonne	2285	557140	2049	563468	2240	703135
Mica (unmanufactured)	tonne	874	24786	883	36515	967	38596
Mica (blocks)	tonne	105	1081	60	3378	3	520
Mica (powder)	tonne	325	11947	209	17024	298	23158
Mica (splittings)	tonne	146	4719	316	8953	597	13218
Mica (waste & scrap)	tonne	298	7039	298	7160	69	1700
Mica (worked)	tonne	1411	532354	1166	526953	1273	664539
Mica (cond. films, plates, cuts NES)	tonne	10	9697	14	14620	3	3273
Mica (washers & discs)	tonne	12	4201	17	12756	17	11968
Mica (sheets & strips)	tonne	261	18429	239	16770	369	34820
Micanite & other							
Built-up mica	tonne	2	309	-	-	-	-
Mica (bricks)	tonne	-	-	-	-	++	58
Mica worked (others)	tonne	1126	499718	896	482807	884	614420

(Contd.)

FOREIGN TRADE

Table - 8 (Concl'd.)

Mineral	Unit	2012-13		2013-14		2014-15(P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Molybdenum ores & conc.	tonne	6863	7522354	5572	5558080	8093	8645534
Natural gas	tonne	13135869	411417374	13020689	516992878	13289155	563400559
Niobium or tantalum ores & conc.	tonne	93	182526	61	163720	115	179733
Nickel ores & Conc.	tonne	865	808473	1343	1207103	4185	3842487
Ochre: Total	tonne	1223	61759	282	30443	176	25953
Ochre: earth colours	tonne	17	437	32	2343	37	1823
Ochre: persian red	tonne	74	14490	++	272	++	96
Ochre: red oxide	tonne	1121	42718	232	22096	121	18823
Ochre: yellow ochre	tonne	11	4114	18	5732	18	5211
Petroleum (crude)	000 tonnes	185534	7856017148	189176	8696574352	187911	7093749532
Precious & semi-precious stones (cut & uncut): Total		**	8276623	**	12574990	**	14675050
Precious & semi precious stones (uncut)	tonne	1782	5333618	2722	8225057	1440	11430258
Precious & semi precious stones cut	000 carat	4490	2943005	6862	4349933	119716	3244792
Precious metal ores & conc.	kg	840	240260	179	106977	101601	22252599
Quartz & quartzite (natural): Total	tonne	1652	26982	377	10924	215	10404
Quartz (natural)	tonne	730	11815	337	8297	31	2011
Quartzite (natural)	tonne	922	15167	40	2627	184	8393
Rock phosphate	tonne	8160950	73098249	7160798	55177899	8258191	61803761
Salt (other than common salt)	tonne	40274	98849	35591	120999	41300	114191
Sand (excluding metal bearing)	tonne	12785	42747	15688	61432	58237	98399
Sandstone	tonne	42	643	-	-	++	18
Silica sand	tonne	54380	579833	97526	938842	76529	556336
Sillimanite	tonne	74	7401	110	14307	116	10754
Slate	tonne	213	23025	850	23951	472	16814
Steatite: Total	tonne	2906	121394	2935	129217	3693	130505
Steatite blocks	tonne	140	699	-	-	-	-
Steatite lumps	tonne	195	2367	69	1020	908	7135
Steatite powder & others	tonne	2571	118328	2866	128197	2785	123370
Sulphur (excluding sublimed, precipitated & colloidal)	tonne	1547267	17358957	1289979	11002926	1626419	17446236
Tin ores & conc.	tonne	21	14088	1	380	-	-
Titanium ores & conc.: Total	tonne	77819	2842107	91775	1933433	51991	971521
Titanium ores & conc. (ilmenite)	tonne	65876	1403236	79276	1091737	40894	408590
Titanium ores & conc. (rutile)	tonne	9826	1254835	10078	682300	8736	447124
Titanium ores & conc. (others)	tonne	2117	184036	2421	159396	2361	115807
Tripoli earth	tonne	22	1002	19	740	-	-
Tungsten ores & conc.	tonne	107	28762	17	28235	191	61582
Vanadium ores & others	tonne	1	708	61	8674	19	1378
Vermiculite	tonne	170	8263	176	8396	391	11486
Witherite	tonne	50	1364	344	7122	184	5268
Wollastonite	tonne	1288	24233	1305	30479	1948	32549
Zinc ores & conc.	tonne	111912	4997266	33113	1562269	35696	1693837
Zirconium ores & conc.	tonne	34652	3932536	50945	3772861	47656	3331466
Other minerals	tonne	58972	664668	52993	592588	74554	2286200

Source: DGCI&S, Kolkata.

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

++ *Negligible.*

FOREIGN TRADE

**Table – 9 : Value of Imports of Ores & Minerals, 2012-13 to 2014-15
(By Principal Ores/Minerals)**

Ores/Minerals	2012-13		2013-14		2014-15(P)		% increase (+) or decrease (-) in 2013-14 over 2012-13
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Minerals	11008001478	100	12158267979	100	10716891382	100	-11.86
Petroleum (crude)	7856017148	71.37	8696574352	71.53	7093749532	66.19	-18.43
Diamond	1176986143	10.69	1349155094	11.1	1252140913	11.68	-7.19
Coal (excluding lignite)	868505453	7.89	923353960	7.59	1045125605	9.75	13.19
Natural gas	411417374	3.74	516992878	4.25	563400559	5.26	8.98
Copper ores & conc.	309704411	2.81	332267404	2.73	285028249	2.66	-14.22
Iron ore	25778632	0.23	3423553	0.03	65947415	0.62	1826.29
Emerald (cut & uncut)	37464291	0.34	22328771	0.18	63062394	0.59	182.43
Rock phosphate	73098249	0.66	55177899	0.45	61803761	0.58	12.01
Coke	56872490	0.52	67948149	0.56	43751479	0.41	-35.61
Manganese ore	25622446	0.23	28306273	0.23	34669120	0.32	22.48
Marble	20313010	0.18	22107202	0.18	23848492	0.22	7.88
Precious metal ores & concentrates	240260	0	106977	0	22252600	0.21	20701.29
Limestone	16672231	0.15	21580366	0.18	21961663	0.2	1.77
Alumina	24589496	0.22	27542194	0.23	21244790	0.2	-22.86
Sulphur (excluding sublimed, precipitated & colloidal)	17358957	0.16	11002926	0.09	17446236	0.16	58.56
Asbestos	19004033	0.17	13298987	0.11	17168105	0.16	29.09
Precious & semi-precious stones (cut & uncut): Total	8276624	0.08	12574989	0.1	14675049	0.14	16.7
Molybdenum ores & conc.	7522354	0.07	5558080	0.05	8645534	0.08	55.55
Bauxite	1494744	0.01	3662474	0.03	8560885	0.08	133.75
Gypsum	5009977	0.05	5252011	0.04	6747745	0.06	28.48
Borax	2980032	0.03	3551234	0.03	4474017	0.04	25.98
Lead ores & conc.	7590645	0.07	3880931	0.03	3846804	0.04	-0.88
Nickel ores & conc.	808473	0.01	1207103	0.01	3842487	0.04	218.32
Zirconium ores & conc.	3932536	0.04	3772861	0.03	3331466	0.03	-11.7
Magnesite	2770014	0.03	2216905	0.02	3327760	0.03	50.11
Dolomite	2529066	0.02	3736522	0.03	3146097	0.03	-15.8
Fluorspar	2241949	0.02	2412179	0.02	2967071	0.03	23
Chromite	2503421	0.02	3099722	0.03	2871479	0.03	-7.36
Other minerals NES	664668	0.01	592588	0	2286201	0.02	285.8
Granite	1860578	0.02	2402007	0.02	2261146	0.02	-5.86
Zinc ores & conc.	4997266	0.05	1562269	0.01	1693837	0.02	8.42
Kaolin	1095336	0.01	1420872	0.01	1662634	0.02	17.02
Building & monumental stones NES	1257775	0.01	1147451	0.01	1481235	0.01	29.09
Graphite (natural)	1193505	0.01	1235588	0.01	1335288	0.01	8.07
Antimony ores & conc.	1361490	0.01	888707	0.01	1004076	0.01	12.98
Titanium ores & conc.	2842107	0.03	1933434	0.02	971522	0.01	-49.75
Other minerals	5424294	0.05	4993067	0.04	5158136	0.04813	3.305964

*Source: DGCI&S, Kolkata.
NES: Not elsewhere specified.*

FOREIGN TRADE

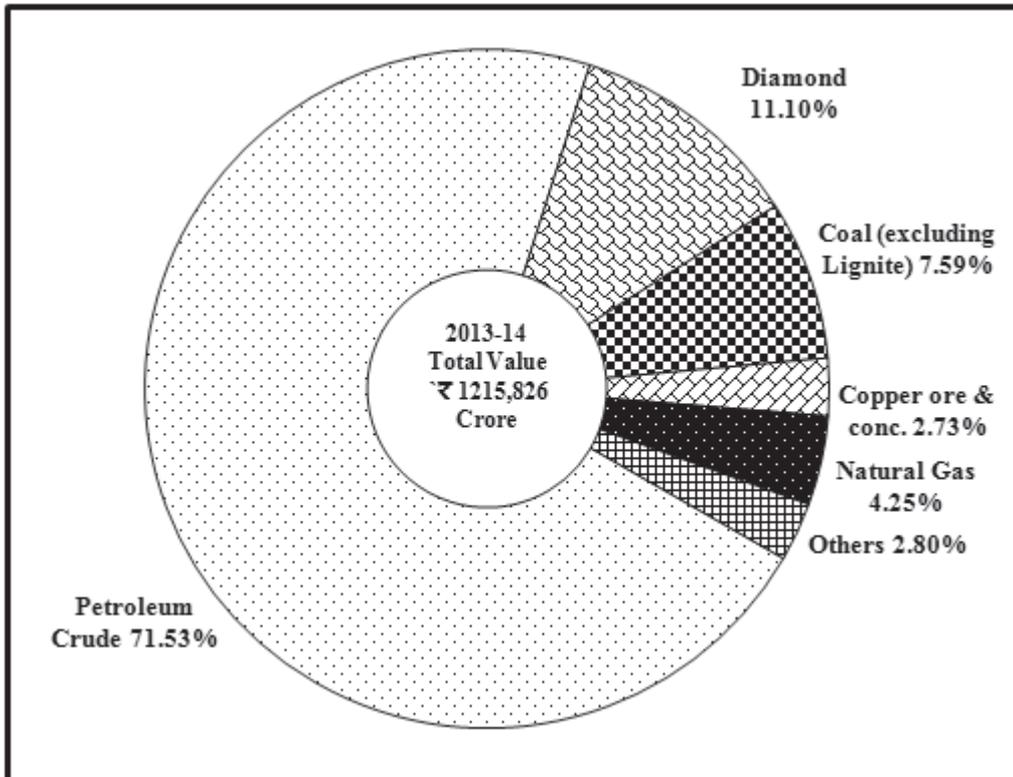
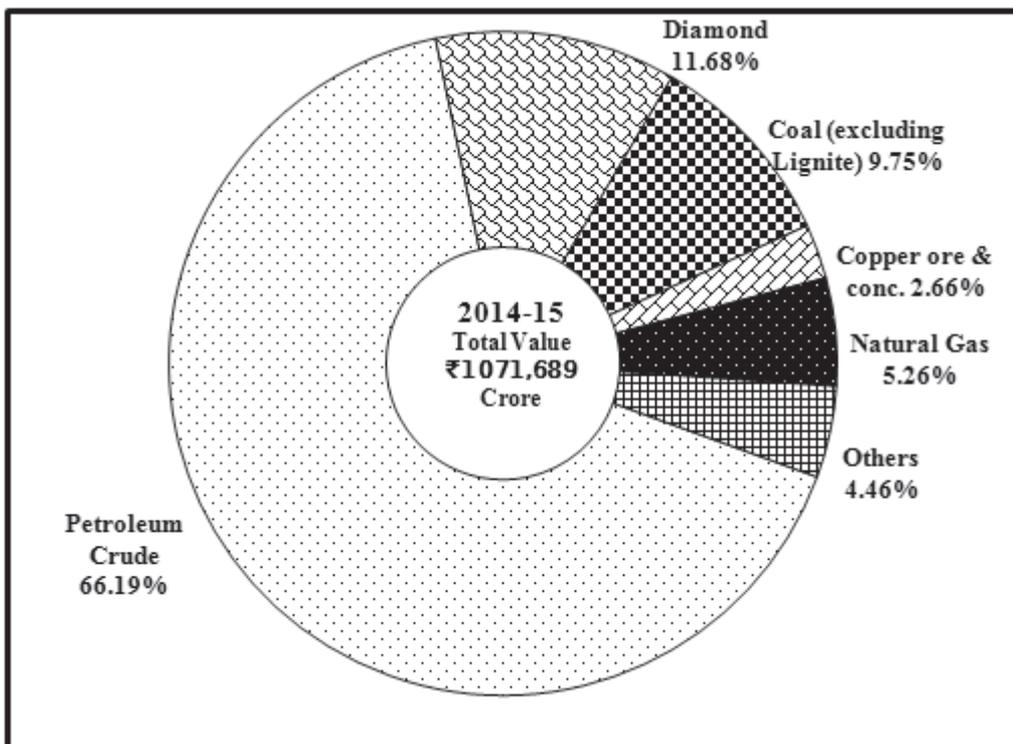
**Table – 10 : Value of Imports of Ores & Minerals, 2012-13 to 2014-15
(By Principal Countries)**

Country	2012-13		2013-14		2014-15(P)		% increase (+) or decrease (-) in 2013-14 over 2012-13
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Countries	11008001478	100	12158267979	100	10716891382	100	-11.86
Saudi Arabia	1546053830	14.04	1887625576	15.53	1378579708	12.86	-26.97
UAE	1020331191	9.27	1022473213	8.41	943141737	8.8	-7.76
Iraq	1040307885	9.45	1106233380	9.1	863280129	8.06	-21.96
Nigeria	647228994	5.88	849683825	6.99	825407852	7.7	-2.86
Venezuela	767456656	6.97	843629200	6.94	723744190	6.75	-14.21
Kuwait	787544663	7.15	913267789	7.51	701194509	6.54	-23.22
Qatar	677797738	6.16	715308979	5.88	612836240	5.72	-14.33
Belgium	449687578	4.09	538013839	4.43	547991797	5.11	1.85
Indonesia	361573598	3.28	457213229	3.76	487273073	4.55	6.57
Australia	442724581	4.02	445681987	3.67	439002716	4.1	-1.5
Iran	525460679	4.77	516279385	4.25	429716806	4.01	-16.77
Angola	385726812	3.5	363174935	2.99	276429975	2.58	-23.89
South Africa	137888457	1.25	135856649	1.12	212310392	1.98	56.28
Brazil	170467127	1.55	145507147	1.2	190806578	1.78	31.13
Hong Kong	208743952	1.9	220604633	1.81	190373820	1.78	-13.7
Chile	145531941	1.32	134207812	1.1	165200071	1.54	23.09
Mexico	179909036	1.63	181728723	1.49	164708274	1.54	-9.37
Malaysia	99207329	0.9	112744077	0.93	156551512	1.46	38.86
Colombia	122059146	1.11	293067113	2.41	108711921	1.01	-62.91
Egypt	125424478	1.14	131288961	1.08	91817283	0.86	-30.06
Russia	66792868	0.61	68146030	0.56	79588422	0.74	16.79
USA	113730715	1.03	76843837	0.63	72680164	0.68	-5.42
Israel	66918665	0.61	75164786	0.62	67941469	0.63	-9.61
Botswana	2978894	0.03	23099814	0.19	61154273	0.57	164.74
Ecuador	43839249	0.4	12186471	0.1	57849929	0.54	374.71
Canada	31807135	0.29	45519968	0.37	55681262	0.52	22.32
Oman	27839264	0.25	90733571	0.75	51220591	0.48	-43.55
Brunei	43791839	0.4	45450939	0.37	50981294	0.48	12.17
Gabon	43297700	0.39	49542847	0.41	47346752	0.44	-4.43
Turkey	68485909	0.62	14551430	0.12	46352592	0.43	218.54
Guinea	28345904	0.26	18510640	0.15	45573279	0.43	146.2
Cameroon	21946858	0.2	14457921	0.12	42953833	0.4	197.1
China	16038202	0.15	49811737	0.41	41604466	0.39	-16.48
Kazakhstan	4436295	0.04	37107459	0.31	36571597	0.34	-1.44
Sudan	3879930	0.04	23074498	0.19	29072558	0.27	25.99
Yemen Republic	48634390	0.44	46006986	0.38	28810584	0.27	-37.38
Algeria	29044117	0.26	19533060	0.16	27894840	0.26	42.81
Jordan	33060864	0.3	21036868	0.17	24952337	0.23	18.61
Netherlands	1536565	0.01	3360528	0.03	23541138	0.22	600.52
Unspecified	10315484	0.09	21226345	0.17	32366157	0.3	52.48
Other countries	460154960	2.98	389311792	2.12	283675262	1.24	-48.59

Source: DGCI&S, Kolkata.

FOREIGN TRADE

Value of Mineral Imports, 2013-14 and 2014-15



FOREIGN TRADE

Metals & Alloys:

The value of imports of metals & alloys at ₹ 4,01,259 crore showed an increase of 24.86% in 2014-15 as compared to ₹ 3,21,356 crore in the previous year. The contribution of metals & alloys in the total value of all merchandise imported to India was about 14.66 percent in 2014-15.

Gold, non-monetary & monetary (total) with a share of 52.5% continued to occupy the top position in the total import value of metals & alloys in 2014-15 followed by iron & steel with a share of 23.44%, silver 6.9%, aluminium and alloys including scrap 5.7%, copper & alloys (including brass & bronze) 4.9%, nickel and alloys including scrap 2.12 % and ferro alloys 1.19 percent. The individual share of remaining metals was less than one percent of the total value of metals & alloys of imports.

The values of imports of metals and alloys which showed significant growth are: zinc and alloys including scrap 96.48%, other rare metals 71.72%, cadmium (including waste & scrap) 60.38%, nickel and alloys including scrap 56.21%, iron & steel 30.29%, ferro alloys 27.81%, cobalt & alloys (including waste & scrap) 27.32%, gold (non-monetary & monetary) 26.72%, manganese & alloys (including waste & scrap) 26.68%, aluminium and alloys including scrap 22.79%, lead and alloys including scrap 22.75%, silicon 21.5%, chromium & alloys 17.96%, and pig & cast iron (including speigeliessen) 14.18 percent in 2014-15 as compared to that in the previous year. On the other hand, during 2014-15, the values of imports of metals and alloys that have declined are: mercury 60.08%, antimony alloys and scrap 27.63%, selenium 19.55%, tin and alloys including scrap 16.57% and tungsten and

alloys including scrap 13.1% as compared to the previous year.

India imported metals & alloys from 182 countries in 2014-15 as against 187 countries in 2013-14 (both figures include “unspecified” country item). Bulk of the metals & alloys was imported from 40 countries. These countries accounted for 96.35 % of the total value of metal imports in 2014-15. Switzerland occupied the top position with a contribution of 30.92% of the total value of metal imports followed by China with a share of 10.07 percent. The countries next in the order were UAE 9.33%, USA 5.68%, Korea, Rep. of 4.42%, South Africa 3.77%, UK 3.25%, Australia 3.21%, Japan 3.17 percent. The individual share of Germany, Russia, Malaysia, Ghana and Singapore was between 3% and 1% and that of remaining countries was less than one percent.

During the year under review, imports in terms of value, from Dominic Rep, Guinea and Ghana increased manifold and in the case of Vietnam, Colombia and Brazil more than three times and for Singapore, Turkey and Indonesia increased by more than two times. The other countries which recorded positive growth in imports are: Tanzania 90.63%, USA 71.36%, China 65.96%, Netherlands 49.21%, Australia 46.93%, Poland 42.55%, Chile 41.93%, Sweden 38.95%, Thailand 38.88%, France 36.16%, Bahrain 35.2%, Spain 31.23%, Canada 30.75%, Malaysia 30.24%, Saudi Arabia 29.61%, Korea, Rep. of 25.64, Switzerland 23.59% and Congo P. Rep. 22.79 percent. Decline in the value of import of metals & alloys was however observed in 2014-15 in case of Oman 46.07%, Austria 22.05%, UK 20.01%, South Africa 19.54%, Finland 10.58%, UAE 9.44%, Kuwait 7.9% and Hong Kong 6.34 percent as compared to previous year.

FOREIGN TRADE

Table – 11: Imports of Metals and Alloys, 2012-13 to 2014-15

(Value in ₹'000)

Metals/Alloys	Unit	2012-13		2013-14		2014-15 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Metals & Alloys		*	4465659420	*	3213559922	*	4012586073
Aluminium alloys & scrap	tonne	1325562	174463260	1348372	186322210	1595296	228778062
Antimony alloys & scrap	tonne	769	555508	1307	806794	1025	583886
Bismuth & scrap	tonne	155	194490	180	224031	174	267473
Boron	tonne	++	765	++	3801	1	2863
Cadmium & scrap	tonne	690	75108	1531	211726	2862	339575
Chromium alloys & scrap	tonne	674	486843	853	543400	1003	640994
Cobalt alloys & scrap: Total	tonne	677	1407209	758	1608803	865	2048322
Cobalt & alloys	tonne	677	1407209	758	1608803	857	2042414
Cobalt & scrap	tonne	-	-	-	-	8	5908
Copper (cement copper precipitated)	tonne	20	12245	++	1	5	3089
Copper & alloys (including brass & bronze):							
Total	tonne	408141	159334900	411649	176031866	490179	196576602
Copper & alloys	tonne	184596	86426530	245712	116114787	298966	133578287
Copper (scrap)	tonne	56511	23743328	56205	24219936	53848	21283695
Copper alloys & scrap	tonne	-	-	-	-	++	218
Brass & bronze	tonne	19283	8575031	22203	10457778	24359	10868131
Brass & bronze (scrap)	tonne	147751	40590011	87529	25239365	113006	30846271
Ferro Alloys: Total	tonne	279509	35802706	258843	37308904	336575	47686136
Ferro-boron	tonne	779	154825	788	161095	822	177769
Ferro-chrome	tonne	33726	3982920	30541	4194629	70834	7295272
Ferro charge-chrome	tonne	19440	1073849	25928	1721379	22678	1405744
Ferro-manganese	tonne	41942	2805528	49824	3374005	78362	5506866
Ferro-molybdenum	tonne	656	870906	624	901691	952	1571945
Ferro-nickel	tonne	31801	12198988	24778	12274740	20840	15042595
Ferro-niobium	tonne	1379	2650527	1422	3424086	1570	3751259
Ferro-phosphorus	tonne	1739	46328	1583	43609	2244	64133
Ferro-silicon	tonne	134833	9419073	112345	9269348	127988	10422863
Ferro-titanium	tonne	1632	594182	1990	640377	2352	778277
Ferro-tungsten	tonne	16	35707	8	17710	55	120791
Ferro-vanadium	tonne	576	744080	322	480357	653	923629
Ferro silico-chrome	tonne	20	1630	-	-	25	1273
Ferro-silico-magnesium	tonne	906	101364	146	15948	440	42614
Ferro silico-manganese	tonne	2612	140282	2692	144754	3630	144223
Ferro-zirconium	tonne	215	34646	340	55207	532	86979
Ferro-alloys (others)	tonne	7237	945413	5512	589969	2598	349904
Ferro-cobalt	tonne	++	2458	-	-	-	-
Gold (non-monetary & monetary): Total	kg	1013703	2921528195	661715	1662426200	915473	2106580447
Gold, monetary	kg	1	7	-	-	-	-
Gold, non-monetary: Total	kg	1013702	2921528188	661715	1662426200	915473	2106580447
Gold, non-monetary, Powder	kg	26	65309	3	5386	2	18
Gold, non-monetary: other semi-manufactured forms	kg	98310	280338693	53288	118579225	12097	24134381
Gold, non-monetary, other unwrought forms	kg	915366	2641124186	608424	1543841589	903374	2082446048
Gold-clad metals/base metales NES	tonne	++	1915	1	411236	++	3959
Iron & steel: Total	tonne	19300675	920848863	12257822	721849461	17433700	940528408
Iron & steel (finished steel including Cr sheet)	tonne	3634316	262406713	3035485	241891701	4884396	334160792
Iron & steel (semi-finished steel including ingots)	tonne	5227821	211315791	2917886	126954514	5404829	210107344
Iron & steel (steel wire)	tonne	192924	14961445	150982	13231089	192704	15295354
Iron & steel (sponge iron)	tonne	1084524	22910852	578317	12654741	143129	3331349
Iron & steel (scrap)	tonne	8197924	243564965	4779786	164549339	5935948	203477830
Iron & steel: Alloy Steel (Granules)	tonne	16185	873541	17931	1052000	15573	852396

(Contd.)

FOREIGN TRADE

Table - 11 (Concl'd.)

Metals/Alloys	Unit	2012-13		2013-14		2014-15 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Iron & steel: alloy steel (powder)	tonne	1877	437692	1963	515692	2505	587519
Iron & steel (other finished steel, NES)	tonne	543999	137195031	425133	132080721	519472	147093119
Iron & steel (material)	tonne	342981	18137104	293052	19134967	281334	16148361
Iron & steel (stainless steel)	tonne	58124	9045729	57287	9784697	53810	9474344
Lead & alloys & scrap: Total	tonne	238633	27781629	238450	31338681	295474	38467363
Lead & alloys	tonne	187141	22592427	179617	24735385	234743	31599899
Lead (scrap)	tonne	51492	5189202	58833	6603296	60731	6867464
Magnesium & scrap	tonne	14506	2606589	15753	2793578	19271	3167018
Manganese & alloys (including waste & scrap): Total	tonne	20076	2803314	24114	3341014	30932	4232257
Manganese & alloys: (wrought & unwrought)	tonne	18742	2611911	21910	3029058	29860	4088323
Manganese & alloys NES	tonne	1334	191403	2204	311956	1072	143934
Mercury	tonne	163	728392	149	855952	99	341691
Molybdenum & scrap	tonne	487	1285590	339	1119658	373	1268948
Nickel & alloys including scrap: Total	tonne	54325	55154972	56322	54463252	76200	85078105
Nickel & alloys	tonne	53657	54864806	53532	53075136	73646	83811134
Nickel (scrap)	tonne	668	290166	2790	1388116	2554	1266971
Other rare metals NES	tonne	144	247700	106	316440	231	543397
Pig & cast iron including spiegeliesen	tonne	53930	3129091	68502	4021121	68887	4591408
Platinum alloys & related metals: Total	kg	6186	12030962	6493	14017329	7818	15247930
Platinum (powder, unwrought & others)	kg	3241	8859935	3500	10088028	3900	9251188
Other metals of platinum group	kg	2945	3171027	2993	3929301	3918	5996743
Platinum-clad base/precious metal	kg	4	1416	27	3424	27	22865
Precious metals/metals clad with precious metals	tonne	64	278034	++	99006	++	960
Selenium	tonne	232	1424362	264	1078360	263	867524
Silicon	tonne	36882	4536760	37411	4682391	42296	5689328
Silver	tonne	2021	107973660	6512	269736492	7708	276863750
Silver clad base metals	kg	639	8230	5486	80226	2774	28253
Tantalum & scrap: Total	tonne	3	31799	3	38257	3	55041
Tantalum alloys unwrought	tonne	3	30722	3	32639	3	54628
Tantalum & scrap	tonne	++	1077	++	5618	++	413
Tellurium	tonne	2	25349	2	27583	6	42663
Tin & alloys (including scrap)	tonne	7804	9254270	11240	14965679	9423	12485758
Tin & alloys	tonne	7638	9142180	10752	14824038	9197	12383457
Tin (scrap)	tonne	++	2	1	498	++	79
Tin & alloys: worked	tonne	166	112088	487	141143	226	102222
Titanium alloys & scrap	tonne	1273	2381849	1536	3161133	2008	3360378
Tungsten alloys & scrap	kg	436356	1608465	530108	2150364	438233	1868711
Zinc and alloys (including scrap)	tonne	163884	17623504	148906	17453019	250182	34291939
Zinc & alloys	tonne	102660	12125730	79406	10621853	166519	24899842
Zinc (scrap)	tonne	61224	5497774	69500	6831166	83663	9392097
Zirconium & scrap	tonne	11	31476	21	68530	9	30970

Source: DGCI&S, Kolkata.

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

CR: Cold Rolled.

FOREIGN TRADE

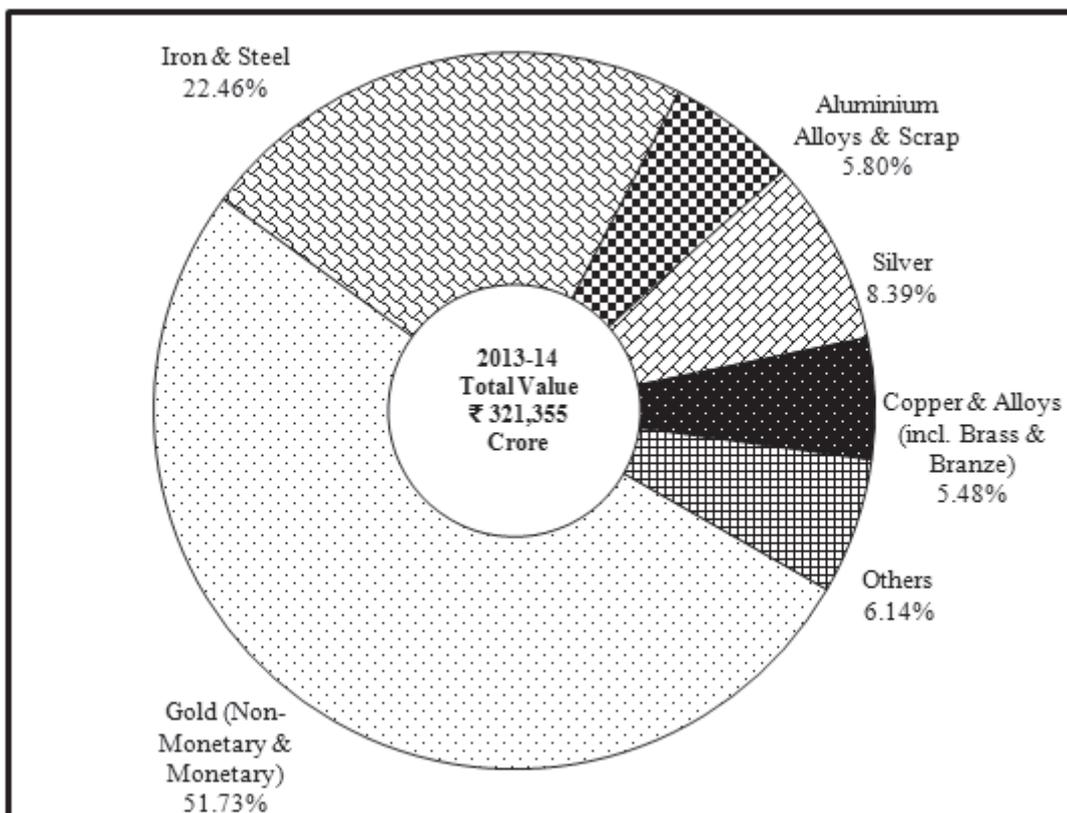
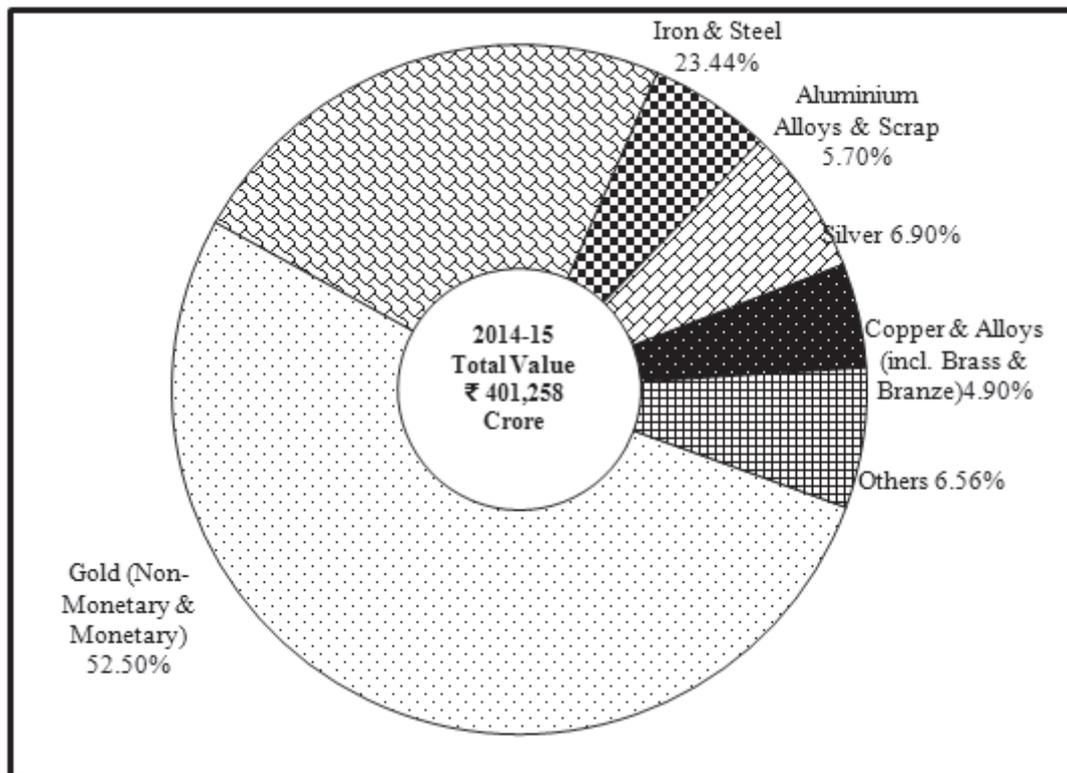
**Table – 12 : Value of Imports of Metals & Alloys, 2012-13 to 2014-15
(By Principal Metals & Alloys)**

Metal/Alloy	2012-13		2013-14 (R)		2014-15 (P)		% increase (+) or decrease (-) in 2014-15 over 2013-14
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Metals & Alloys	4465659420	100	3213559922	100	4012586073	100	24.86
Gold (non-monetary & Monetary):Total	2921528196	65.42	1662426200	51.73	2106580447	52.5	26.72
Iron & Steel	920848863	20.62	721849460	22.46	940528408	23.44	30.29
Silver	107973660	2.42	269736491	8.39	276863750	6.9	2.64
Aluminium & alloys including scrap	174463260	3.91	186322211	5.8	228778062	5.7	22.79
Copper & alloys (including brass & bronze)	159334899	3.57	176031866	5.48	196576602	4.9	11.67
Nickel and alloys including scrap	55154973	1.24	54463250	1.69	85078105	2.12	56.21
Ferro alloys	35802706	0.8	37308906	1.16	47686136	1.19	27.81
Lead & alloys including scrap	27781629	0.62	31338681	0.98	38467363	0.96	22.75
Zinc & alloys including scrap	17623504	0.39	17453020	0.54	34291939	0.85	96.48
Platinum alloys & related metals	12030962	0.27	14017329	0.44	15247930	0.38	8.78
Tin & alloys including scrap	9254271	0.21	14965678	0.47	12485758	0.31	-16.57
Silicon	4536760	0.1	4682391	0.15	5689328	0.14	21.5
Pig & cast iron (including speigeliessen)	3129091	0.07	4021121	0.13	4591408	0.11	14.18
Manganese & alloys (including waste & scrap)	2803315	0.06	3341014	0.1	4232257	0.11	26.68
Titanium & alloys (including waste & scrap)	2381849	0.05	3161133	0.1	3360378	0.08	6.3
Magnesium & scrap	2606590	0.06	2793578	0.09	3167018	0.08	13.37
Cobalt & alloys (including waste and scrap)	1407209	0.03	1608803	0.05	2048322	0.05	27.32
Tungsten & alloys including scrap	1608465	0.04	2150363	0.07	1868711	0.05	-13.1
Molybdenum & scrap	1285590	0.03	1119658	0.03	1268948	0.03	13.33
Selenium	1424362	0.03	1078360	0.03	867524	0.02	-19.55
Chromium & alloys	486843	0.01	543401	0.02	640994	0.02	17.96
Antimony alloys & scrap	555508	0.01	806794	0.03	583886	0.01	-27.63
Other rare metals Nes	247700	0.01	316440	0.01	543397	0.01	71.72
Mercury	728392	0.02	855952	0.03	341691	0.01	-60.08
Cadmium (including waste & scrap)	75108	0	211727	0.01	339575	0.01	60.38
Other metals and alloys	585715	0.01	956095	0.01	458136	0.02	-52.08

Source: DGCI&S, Kolkata.

FOREIGN TRADE

Value of Metal & Alloy Imports, 2013-14 and 2014-15



FOREIGN TRADE

**Table – 13 : Value of Imports of Metals & Alloys, 2012-13 to 2014-15
(By Principal Countries)**

Country	2012-13		2013-14		2014-15 (P)		% increase (+) or decrease (-) in 2014-15 over 2013-14
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Countries	4465659420	100	3213559922	100	4012586073	100	24.86
Switzerland	1605757927	35.96	1003862651	31.24	1240708483	30.92	23.59
China	218764379	4.9	243566778	7.58	404219275	10.07	65.96
UAE	646469656	14.48	413503807	12.87	374474669	9.33	-9.44
USA	258499500	5.79	132927113	4.14	227788873	5.68	71.36
Korea, Rep. of	141857998	3.18	144311617	4.49	181306065	4.52	25.64
South Africa	320459935	7.18	187927972	5.85	151197773	3.77	-19.54
UK	109395709	2.45	162833288	5.07	130244473	3.25	-20.01
Australia	199937169	4.48	87740276	2.73	128915103	3.21	46.93
Japan	123526336	2.77	110290510	3.43	127005270	3.17	15.16
Germany	84585208	1.89	72308830	2.25	85399293	2.13	18.1
Russia	77467025	1.73	70330015	2.19	78238199	1.95	11.24
Malaysia	37820530	0.85	56811001	1.77	73989570	1.84	30.24
Ghana	2987744	0.07	11147416	0.35	66582595	1.66	497.29
Singapore	41196283	0.92	17618523	0.55	47734324	1.19	170.93
Tanzania	18166849	0.41	20045439	0.62	38212216	0.95	90.63
Saudi Arabia	26527364	0.59	28160144	0.88	36497505	0.91	29.61
Brazil	18311935	0.41	11205994	0.35	35593907	0.89	217.63
Thailand	23998350	0.54	24792514	0.77	34431379	0.86	38.88
Chinese Taipei/Taiwan	26560084	0.59	27694882	0.86	32365362	0.81	16.86
Hong Kong	57048419	1.28	28125296	0.88	26343246	0.66	-6.34
Italy	22675953	0.51	23533284	0.73	25720147	0.64	9.29
Canada	13446950	0.3	19016576	0.59	24864321	0.62	30.75
France	24508761	0.55	18146093	0.56	24706933	0.62	36.16
Netherlands	23225707	0.52	16280415	0.51	24292624	0.61	49.21
Belgium	22436440	0.5	19597891	0.61	22787766	0.57	16.28
Indonesia	14539642	0.33	8462840	0.26	20031551	0.5	136.7
Guinea	995078	0.02	2714202	0.08	19874509	0.5	632.24
Colombia	5062800	0.11	5670970	0.18	19560803	0.49	244.93
Vietnam	4618539	0.1	5472841	0.17	18954677	0.47	246.34
Dominican Rep.	259415	0.01	284124	0.01	17041592	0.42	5897.94
Sweden	15221741	0.34	12219716	0.38	16978809	0.42	38.95
Turkey	19022877	0.43	6304923	0.2	15444256	0.38	144.96
Zambia	15994825	0.36	12378481	0.39	14275850	0.36	15.33
Peru	11253537	0.25	12647469	0.39	13532522	0.34	7
Ukraine	14660105	0.33	11940959	0.37	13135061	0.33	10
Spain	10861031	0.24	9034408	0.28	11855573	0.3	31.23
Oman	26755872	0.6	21689948	0.67	11698037	0.29	-46.07
Bahrain	9989195	0.22	8499199	0.26	11491172	0.29	35.2
Poland	8572063	0.19	6143314	0.19	8757237	0.22	42.55
Norway	6747604	0.15	8396574	0.26	8372868	0.21	-0.28
Nepal	7342788	0.16	6773415	0.21	8142655	0.2	20.21
Kuwait	9728673	0.22	8270992	0.26	7617501	0.19	-7.9
Chile	2858990	0.06	5191593	0.16	7368543	0.18	41.93
Burkina Faso	1319	0			6735775	0.17	
Qatar	5629166	0.13	5425897	0.17	6448894	0.16	18.85
Bhutan	6832470	0.15	6097828	0.19	6229050	0.16	2.15
Austria	3889008	0.09	7300540	0.23	5690426	0.14	-22.05
Finland	16748465	0.38	5955112	0.19	5325107	0.13	-10.58
Congo, P. Rep.	1508761	0.03	4197895	0.13	5154569	0.13	22.79
Greece	3674207	0.08	4210459	0.13	5111652	0.13	21.4
Other countries	97259038	2.17	76497898	2.37	84138013	2.06	9.99

Source: DGCI&S, Kolkata.

FOREIGN TRADE

Table – 14 : Imports of Selected Mineral-based Products 2012-13 to 2014-15

(Value in ₹'000)

Mineral-based-product	Unit	2012-13		2013-14		2014-15 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Item		**	887840343	**	964023100	**	976681651
Aluminium fluoride	tonne	26244	1908647	24542	1738311	30120	2025904
Asbestos cement products	tonne	12649	323631	4612	145165	24216	491702
Asbestos fibre products	tonne	4374	2308135	4758	2578326	5792	2665795
Bleaching powder	tonne	11	185	++	602	0	55
Boric acid	tonne	12841	650543	12525	648740	17305	859435
Briquets of coke, semi-coke of coal	tonne	25	717	76	2690	25	1055
Calcium carbide	tonne	57864	2473443	64239	2674256	78331	3152508
Caustic soda	tonne	302384	7557673	304651	7303778	407982	9358397
Cement: Total	tonne	1282172	5151973	778321	3628004	1087655	4895595
Cement (portland grey)	tonne	552732	2127047	542311	1929393	863902	3058554
Cement (portland white)	tonne	16192	118261	16598	134744	13187	111018
Cement (clinkers)	tonne	556867	1784036	80164	328848	48552	289399
Cement (others)	tonne	156381	1122629	139248	1235019	162014	1436624
Cryolite (artificial)	tonne	12877	312027	24068	501163	37061	816746
Graphite (artificial)	tonne	27218	2844472	18317	1886075	29350	2807319
Graphite bricks & shapes	tonne	109	20974	19	1934	126	43268
Fire bricks/Refractory bricks	tonne	384234	15855045	272306	15304944	286989	18671318
Graphite crucibles	tonne	3554	172963	6431	260107	1339	74886
Hydrofluoric acid	tonne	1283	107424	1372	105724	2156	157766
Manganese oxide: Total	tonne	7792	738609	8007	816474	12501	927036
Manganese oxides (other than Mn dioxide)	tonne	1022	145636	1451	202046	4654	275496
Manganese dioxide.	tonne	6770	592973	6556	614428	7847	651540
Petroleum products*: Total	000`t	15744	683630000	16717	746060000	20423	727780000
Light distillates	000`t	8145	423780000	7868	449730000	9548	430550000
Naphtha	000`t	1735	97910000	1026	60670000	858	41020000
Other distillates	000`t	6410	325870000	6842	389060000	8690	389530000
Middle distillates	000`t	626	32190000	84	5030000	149	8510000
Heavy ends	000`t	6973	227660000	8765	291300000	10726	288720000
Phosphoric acid	tonne	1831652	83632414	1751467	74648325	1798213	83022295
Phosphorus (elemental)	tonne	20295	3755351	23464	4959884	24858	4798763
Phosphatic fertilizers	tonne	50	4764	23	2195	110	6369
Potash fertilizer	tonne	2122718	57194141	3394833	81826455	4620668	92745062
Potassium nitrate	tonne	113	33606	96	17545	181	21516
Silicon carbide crucibles	tonne	476	29799	181	17985	231	21467
Soda ash	tonne	692863	9696467	569420	7981691	725517	11261604
Sodium nitrate	tonne	2084	55278	4324	114688	1015	24774
Sodium nitrite	tonne	22161	619328	16548	479861	13139	390967
Sulphur (sublimed, precipitated & colloidal): Total	tonne	4738	399917	5550	612338	3071	433481
Sulphur (colloidal)	tonne	1635	35208	38	5302	68	11826
Sulphur (precipitated)	tonne	2850	338262	2763	358999	2664	376122
Sulphur (sublimed)	tonne	253	26447	2749	248037	339	45533
Titanium oxide & dioxide: Total	tonne	18802	3300512	17445	2999969	19178	3029044
Titanium oxide	tonne	978	121732	570	80321	1604	204765
Titanium dioxide	tonne	17824	3178780	16875	2919648	20611	2880868
Other refractory manufactured	tonne	24593	2280557	22627	2789268	17862	2782829
Non-ferrous ash & residues	tonne	49474	2753262	61546	3909842	51510	3169134
Slag dross	tonne	5403	28486	1536	6760	17646	147522

Source: DGCI&S, Kolkata.

*: Ministry of Petroleum & Natural Gas Basic Statistics.

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