

FOREIGN TRADE



Indian Minerals Yearbook 2020

(Part- I : GENERAL REVIEWS)

59th Edition

FOREIGN TRADE

(ADVANCE RELEASE)

GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES

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10 Foreign Trade

EXPORTS

Ores & Minerals

During the year 2019-20, the value of exports (including re-exports) of ores and minerals at ₹1,89,683 crore accounted for about 8.54% of the total value of all merchandise exported from India. The value of exports of ores & minerals which increased from ₹ 1,99,469 crore in 2017-18 to ₹ 2,19,168 crore in 2018-19 decline to ₹1,89,683 crore in 2019-20. The value of mineral exports showed a decrease of 13.45% in 2019-20 as compared to that of the previous year.

Diamond (total) continued to be the largest constituent item with a share of 73.83% in the total value of mineral exports in 2019-20. Next in the order of share were iron ore with the contribution of 9.81% followed by granite 5.39% , alumina 1.63 % and copper ore & concentrate 1.08%. 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 per cent.

The value of exports of ores & Minerals (including re-exports) showed a mixed trend for most of the minerals in 2019-20 as compared to that of the previous year. A significant increase was also noticed in some cases. The exports value of minerals which have shown significant growth are Iron ore 100.91%, Building & Monumental stones 45.22%, Copper ore & conc. 22.99% and Abrasive (Natural) 13.63%. On the other hand, the exports value recorded

significant decline in the cases of Bauxite 53.33%, Natural Gas 42.08%, Coal (Excl. lignite) 37.58%, Chromite 35.12%, Alumina 34.23%, Garnet (Abrasive) 29.67%, Emerald (Cut & Uncut) 24.49%, Titanium ore & conc. 23.92%, sandstone 23.11% and Mica 20.82% as compared to that in the previous year.

Ores and minerals were exported to various countries in 2019-20. About 88 per cent of the total value of exports of ores and minerals was confined to only nine countries. During 2019-20, USA occupied the top position in terms of value accounting for 27.87% of the total value of mineral exports, Hong Kong was in the second place and contributed 24.79% followed by China 11.57%, Belgium 7.97%, UAE 6.02%, Israel 3.42%, Thailand 2.4%, Japan 2.34% and UK 1.21% . The individual share of remaining countries was less than one per cent.

Countrywise analysis of value of mineral exports revealed that exports of minerals witnessed significant positive growth as compared to the previous year for Malaysia 64.28%, Oman 52.19%, Turkey 52.11%, China 44.83%, Russia 39.59%, Libya 28.96%, Spain 26.47% and Taiwan 17.27%.

However, value of export of ores & minerals declined significantly in respect of Netherlands 62.55%, Egypt 61.63%, Iran 58.15%, Lebanon 42.52%, Switzerland 38.27%, Qatar 36.12%, Hong Kong 30.95%, Bahrain 29.55%, South Africa 28.97% and Singapore 20.23% when compared to that of the previous year (Tables -1 to 3).

Table-1 : Exports of Ores and Minerals (including re-exports), 2017-18 to 2019-20

(Value in ₹ '000)

Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Minerals		**	1994690164	**	2191682101	**	1896831610
Abrasives (natural)	tonne	49819	427971	80436	1380078	92243	1568202
Alabaster	tonne	4	41	12	130	27	256
Alumina	tonne	1361385	32961497	1389106	46982494	1330038	30900412
Andalusite	tonne	6	327	100	2660	19	1240
Antimony ores & conc.	tonne	4	290	++	7	-	-

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Table-1 (contd)

(Value in ₹ '000)

Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Arsenic sulphide (natural)	tonne	25	280	25	212	++	69
Asbestos: Total	tonne	132	943	1112	33913	1001	31011
Asbestos (chrysotile)	tonne	1	95	1090	33647	997	30994
Asbestos (others)	tonne	131	848	22	267	5	17
Ball clay	tonne	157738	357087	213999	497941	153660	398712
Barytes	tonne	1652975	9308877	2114609	11781176	2221696	12896670
Bauxite	tonne	1529308	2705041	1509737	3045300	524228	1421269
Bentonite	tonne	1599606	4825165	1693048	5846668	1647489	5674967
Borax: Total	tonne	3136	261796	2360	238104	2983	359857
Natural borate	tonne	16	561	105	1887	214	6804
Sodium borate	tonne	2085	98830	1243	61645	775	54233
Other borates	tonne	1036	162406	1012	174572	1994	298820
Building and monumental stones NES	tonne	8073677	10402294	9137318	10806108	12612485	15692857
Calcite	tonne	38639	289091	39248	303446	36433	273948
Chalk	tonne	682	4296	1201	7736	1318	8022
Chromite: Total	tonne	81835	1743015	39273	1337693	33898	867910
Chrome ore (others)	tonne	48466	953758	2788	116528	3433	132477
Chrome ore conc.	tonne	33367	789176	34985	1167942	30465	735434
Chrome ore lumps	tonne	2	82	1500	53223	-	-
Clay (others)	tonne	37616	367335	44194	428744	50367	476744
Coal (excl. lignite)	'000 tonne	1504	8783040	1306	9500068	1047	5929548
Coal lignite	tonne	2	263660	2	254653	3	319839
Coke	tonne	90400	1624504	101863	2205465	111507	2383341
Coal gas	'000 tonne	37	1122	++	100	-	-
Cobalt ores & conc.	tonne	++	4	1	4496	2	9478
Copper ores & conc.	tonne	61005	3805458	181642	16627621	212659	20450948
Corundum (Natural)	tonne	-	-	101	2149	-	-
Diamond: Total		**	1620221010	**	1758167200	**	1400336078
Diamond (mostly cut)	carat	**	1619309698	**	1757329009	**	1399742301
Diamond (industrial)	carat	9739888	613848	7730667	545528	7410678	387187
Diamond (powder)	'000 carat	11125	297465	10556	292662	8651	206591
Diatomite	tonne	52236	456665	27893	273001	4303	72841
Dolomite	tonne	73428	377099	78011	308054	91430	349687
Earth clay	tonne	5829	63590	3651	38826	2654	18038
Emerald (cut & uncut): Total		**	17756467	**	23026249	**	17387874
Emerald (uncut)	tonne	16	602531	3	495684	34	60041
Emerald (cut)	'000 carat	43007	17153937	31790	22530565	21960	17327834

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Table-1 (contd)

(Value in ₹ '000)

Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Felspar (natural)	tonne	544667	2708372	655915	3310607	640709	3225697
Felspar (cut & uncut): Total		**	303031	**	338515	**	203185
Felspar (uncut)	tonne	47	18646	216	42111	76	20002
Felspar (cut)	'000 carat	71701	284385	29959	296404	25488	183183
Fire clay	tonne	4116	30575	4665	40928	5173	41898
Flint	tonne	824	7684	790	10393	1195	8011
Fluorite/Fluorspar	tonne	470	15315	534	23413	1369	51565
Garnet (abrasive)	tonne	157223	2346626	104343	1783920	74697	1254542
Garnet (cut and uncut): Total		**	416710	**	494842	**	366806
Garnet (uncut)	tonne	143	34842	116	21808	136	33735
Garnet (cut)	'000 carat	28087	381868	14428	473034	42178	333072
Granite : Total	tonne	6524819	92485120	6811734	102014067	6678118	102248518.1
Granite (crude or roughly trimmed)	tonne	4037405	29073804	4040006	30037432	4015873	30475235
Granite (cut blocks/slabs)	tonne	738999	7776705	794157	9079570	698623	8397610
Granite (polished blocks/tiles)	tonne	186622	4445118	213466	4844864	190022	4577915
Granite (others)	tonne	1561793	51189493	1764105	58052201	1773601	58797758
Graphite (natural)	tonne	910	77567	405	22958	609	32629
Gypsum	tonne	161246	593843	175274	684495	151727	578924
Iron ore: Total	'000 tonnes	24203	94901382	16150	92626091	36624	186092708
Iron ore conc:Non-agglomerated	'000 tonnes	276	924664	49	167775	153	559743
Iron ore: fines	'000 tonnes	13100	32582235	5905	16112897	22373	83422737
Iron ore: lumps	'000 tonnes	1516	4402466	831	3138921	1479	8779975
Iron ore pellets	'000 tonnes	9311	56966622	9364	73177865	12618	93305203
Iron ore pyrites	'000 tonnes	1	25395	1	28634	1	25051
Kaolin	tonne	214469	1010907	446363	1709971	431537	1929475
Kieselguhr	tonne	124	2577	62	1341	114	2399
Kyanite	tonne	166	3404	284	4873	143	2626
Lead ores & conc.	tonne	++	52	37	2007	3	202
Limestone	tonne	2812257	4102279	3883757	4947501	3760405	4656559
Magnesite : Total	tonne	9576	188593	6273	204287	5459	147075
Magnesia (fused)	tonne	369	16739	31	1798	56	2692
Magnesite (not calcined)	tonne	149	4274	357	7843	76	1633
Magnesite (calcined)	tonne	185	5824	62	1671	36	1111
Magnesite:dead-burnt magnesia	tonne	63	1129	508	13946	685	10666
Magnesium oxide	tonne	1875	78646	3197	139427	2153	103448
Magnesite (other)	tonne	6936	81982	2118	39602	2453	27524

(Contd.)

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Table-1 (contd)

(Value in ₹ '000)

Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Manganese ore : Total	tonne	44167	508784	55845	138120	58198	254643
Manganese ore (46% or more Mn)	tonne	++	29	2	55	5	300
Manganese ore (35% or more but below 46% Mn)	tonne	24800	331750	-	-	8987	137409
Manganese ore (Ferruginous 10% or more but below 35%)	tonne	-	-	++	2	-	-
Manganese ore (others)	tonne	19367	177006	55843	138063	49206	116934
Marble : Total	tonne	355892	7669792	385247	8757384	310619	9010920
Marble (dressed)	tonne	223204	2894141	236745	3240385	182983	2969829
Marble (others)	tonne	132688	4775651	148502	5516999	127636	6041091
Mica: Total	tonne	155111	6193284	152514	6200097	116874	4909146
Mica (unmanufactured): Total	tonne	153986	5254332	151448	4981244	115663	3719913
Mica (blocks)	tonne	1492	256156	2159	365067	2756	359573
Mica (splittings)	tonne	15403	476490	20798	513856	20039	474631
Mica (powder)	tonne	95503	3555628	98000	3258395	73529	2295745
Mica (condenser films)	tonne	++	2103	++	776	120	6098
Mica (waste & scrap)	tonne	41588	963957	30490	843150	19219	583867
Mica (worked): Total	tonne	1124	938952	1066	1218853	1211	1189233
Mica (Bricks)	tonne	-	-	-	-	++	227
Mica (cond. films, plates, cuts NES)	tonne	43	18563	10	26300	61	11325
Mica (washers & discs)	tonne	6	20415	7	25492	9	19564
Mica (sheets & strips)	tonne	43	106740	10	80197	19	98170
Micanite & other built-up mica	tonne	6	4658	12	6050	48	6399
Mica worked (others)	tonne	1026	788577	1027	1080814	1075	1053548
Molybdenum ores & conc.	tonne	7	1923	6	81	3	3023
Niobium or tantalum ores & conc.	tonne	++	213	++	790	361	943
Natural gas	tonne	179552	6315314	73574	3802681	52408	2202387
Nickel ores & conc.	tonne	++	19	50	1618	++	++
Ochre: Total	tonne	4519	69096	3496	65048	2939	72042
Ochre: (earth colours)	tonne	3163	25266	2559	30468	1968	23592
Ochre (persian red)	tonne	25	1071	-	-	++	1
Ochre (red oxide)	tonne	970	30597	696	25187	708	97111
Ochre: (yellow ochre)	tonne	361	12162	240	9393	263	11338
Precious & semi-precious stones (cut & uncut): Total		**	12656409	**	14493864	**	12083061
Precious & semi-precious stones (uncut)	tonne	1772	1074507	3178	1261708	2198	822700

(Contd.)

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Table-1 (concl'd)

(Value in ₹ '000)

Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Precious & semi-precious stones (cut)	'000 carat	2107933	11581902	1823862	13232156	2617926	11260361
Precious metal ores & concentrates	kg	116000	792	50001	484	-	-
Quartz and quartzite: Total	tonne	556435	4305601	793395	5702080	944043	6087299
Quartz (natural)	tonne	436299	2916703	672767	4035109	768687	4685367
Quartzite (natural)	tonne	120136	1388898	120629	1666972	175356	1401932
Rock phosphorite	tonne	395	599	1652	46795	257	2013
Salt (other than common salt)	tonne	9969604	9402718	12755391	14627309	11681713	13681151
Sand (excl. metal bearing)	tonne	32444	419869	3394	24454	1895	32609
Sandstone	tonne	933455	12329002	1032374	13570943	795760	10434174
Silica sand	tonne	2748	22159	3152	27794	2392	14932
Sillimanite	tonne	16193	171833	9986	111874	1026	14963
Slate : Total	tonne	86297	1954270	80536	2180256	61145	1983355
Slate (worked)	tonne	9108	663063	16078	942251	10753	922887
Slate (others)	tonne	77190	1291207	64458	1238006	50392	1060468
Talc/steatite/soapstone : Total	tonne	244760	3580879	259522	3764812	250651	3583310
Steatite blocks	tonne	2224	31680	903	9510	180	4392
Steatite lumps	tonne	49356	701897	66129	951474	71310	978178
Steatite powder & others	tonne	193180	2847302	192490	2803829	179162	2600740
Sulphur (excl. sublimed precipitated & colloidal)	tonne	573856	4254427	479651	4332476	802175	3872833
Tin ores & conc.	tonne	++	3	++	54	++	1
Titanium ores & conc.: Total	tonne	355475	6010132	359974	6566846	246203	4995764
Titanium ores & conc. (ilmenite)	tonne	353384	5889529	358027	6438829	246179	4992946
Titanium ores & conc. (rutile)	tonne	2038	118114	1847	120257	16	2001
Titanium ores & conc. (others)	tonne	52	2489	100	7759	8	817
Tungsten ores & conc.	tonne	30	29880	34	43180	-	-
Vanadium ores & conc.	tonne	-	-	10	2320	10	10801
Vermiculite	tonne	453	5093	583	7250	634	7903
Witherite	tonne	8	319	++	87	++	156
Wollastonite	tonne	12479	224918	13786	279115	14583	298589
Zinc ores & conc.	tonne	1206	31460	2079	71170	317	15827
Zirconium ores & conc.	tonne	308	31131	89	4470	1	78
Other minerals NES	tonne	1670511	2298247	3817139	5538148	3643830	4587045

Source: DGCI & S, Kolkata

** *Quantity not additive*

++ *Negligible (less than 0.5)*

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**Table – 2: Value of Exports of Ores & Minerals (including re-exports), 2017-18 to 2019-20
(By Principal Ores & Minerals)**

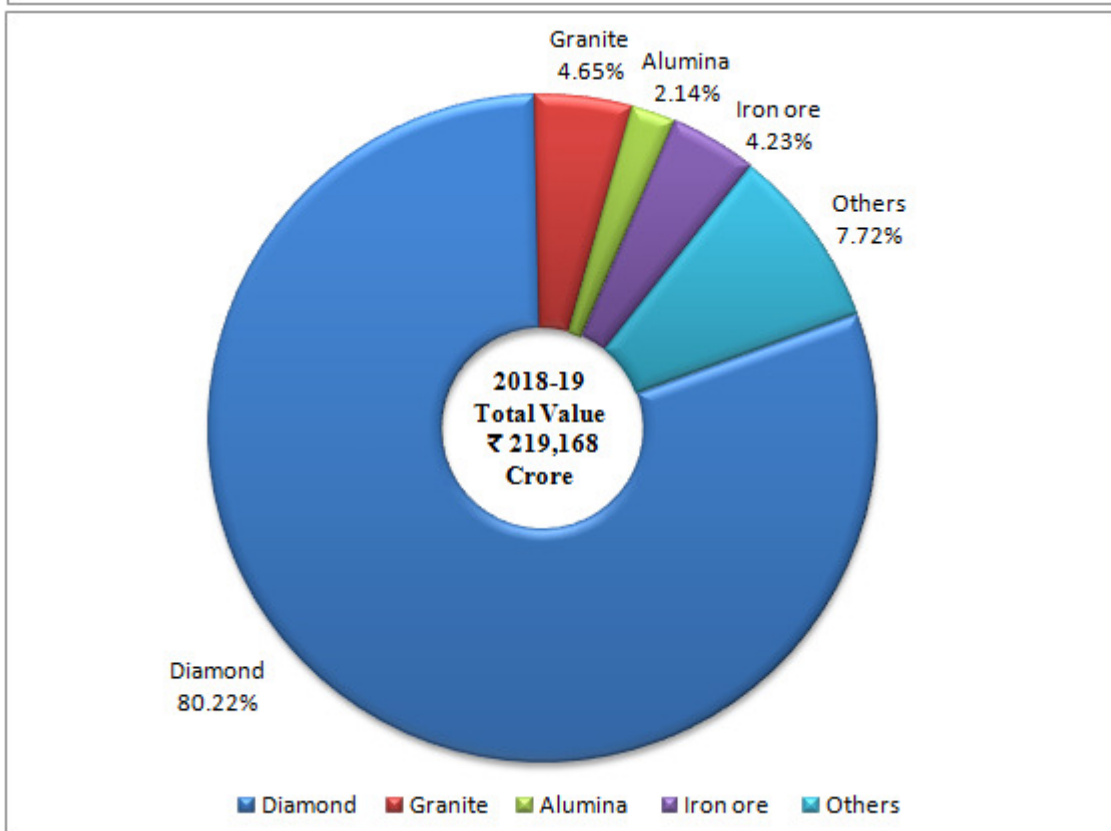
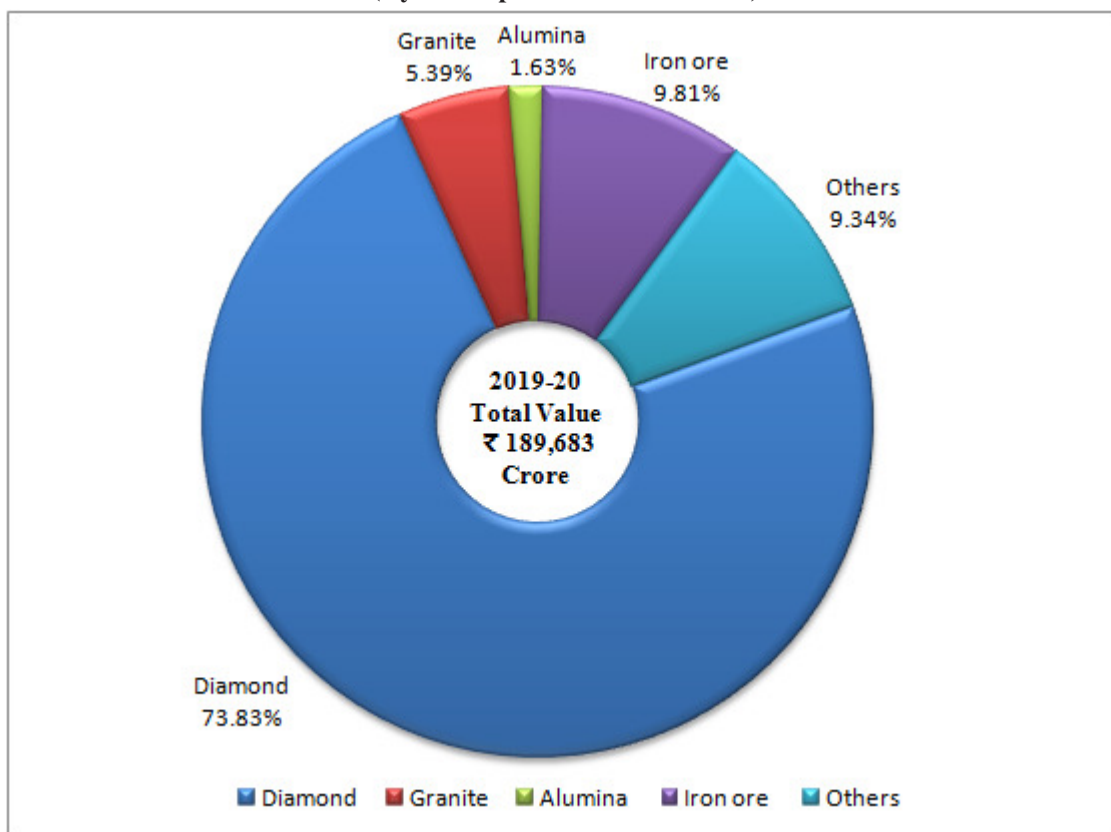
Ores & Minerals	2017-18		2018-19		2019-20 (P)		% increase (+) or decrease (-) in 2019-20 over 2018-19
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Minerals	1994690164	100.00	2191682101	100.00	1896831610	100.00	-13.45
Diamond	1620221010	81.23	1758167200	80.22	1400336078	73.83	-20.35
Iron ore	94901382	4.76	92626091	4.23	186092708	9.81	100.91
Granite	92485120	4.64	102014067	4.65	102248518	5.39	0.23
Alumina	32961497	1.65	46982494	2.14	30900412	1.63	-34.23
Copper ores & conc.	3805458	0.19	16627621	0.76	20450948	1.08	22.99
Emerald (cut & uncut)	17756467	0.89	23026249	1.05	17387874	0.92	-24.49
Precious & semi-precious stones (cut & uncut): Total	12656409	0.63	14493864	0.66	12083061	0.64	-16.63
Sandstone	12329002	0.62	13570943	0.62	10434174	0.55	-23.11
Building and monumental stones NES	10402294	0.52	10806108	0.49	15692857	0.83	45.22
Barytes	9308877	0.47	11781176	0.54	12896670	0.68	9.47
Salt (other than common salt)	9402718	0.47	14627309	0.67	13681151	0.72	-6.47
Coal (excl. lignite)	8783040	0.44	9500068	0.43	5929548	0.31	-37.58
Marble	7669792	0.38	8757384	0.40	9010920	0.48	2.90
Mica	6193284	0.31	6200097	0.28	4909146	0.26	-20.82
Titanium ores & conc.	6010132	0.30	6566846	0.30	4995764	0.26	-23.92
Bentonite	4825165	0.24	5846668	0.27	5674967	0.30	-2.94
Quartz and quartzite	4305601	0.22	5702080	0.26	6087299	0.32	6.76
Sulphur (excl. sublimed precipitated & colloidal)	4254427	0.21	4332476	0.20	3872833	0.20	-10.61
Limestone	4102279	0.21	4947501	0.23	4656559	0.25	-5.88
Talc/soapstone/steatite	3580879	0.18	3764812	0.17	3583310	0.19	-4.82
Natural gas	6315314	0.32	3802681	0.17	2202387	0.12	-42.08
Bauxite	2705041	0.14	3045300	0.14	1421269	0.07	-53.33
Felspar (natural)	2708372	0.14	3310607	0.15	3225697	0.17	-2.56
Garnet (abrasive)	2346626	0.12	1783920	0.08	1254542	0.07	-29.67
Slate	1954270	0.10	2180256	0.10	1983355	0.10	-9.03
Chromite	1743015	0.09	1337693	0.06	867910	0.05	-35.12
Kaolin	1010907	0.05	1709971	0.08	1929475	0.10	12.84
Abrasive (natural)	427971	0.02	1380078	0.06	1568202	0.08	13.63
Coke	1624504	0.08	2205465	0.10	2383341	0.13	8.07
Gypsum	593843	0.03	684495	0.03	578924	0.03	-15.42
Other minerals	7305468	0.37	9900582	0.45	8491710	0.45	-14.23

Source: DGCI&S, Kolkata

Note: Total may not tally due to rounding off

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Value of Exports of Ores & Minerals 2018-19 and 2019-20
(By Principal Ores & Minerals)



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**Table - 3 : Value of Exports of Ores & Minerals (including re-exports), 2017-18 to 2019-20
(By Principal Countries)**

Ores & Minerals	2017-18		2018-19		2019-20 (P)		% increase (+) or decrease (-) in 2019-20 over 2018-19
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Countries	1994690164	100	2191682101	100	1896831610	100	-13.45
USA	517265039	25.93	616559576	28.13	528711994	27.87	-14.25
Hong Kong	657554919	32.97	680993518	31.07	470206977	24.79	-30.95
China	140971699	7.07	151497876	6.91	219411023	11.57	44.83
Belgium	152632305	7.65	169764411	7.75	151255524	7.97	-10.90
UAE	149319193	7.49	135516445	6.18	114164806	6.02	-15.76
Israel	66862352	3.35	70675336	3.22	64807166	3.42	-8.30
Thailand	42888640	2.15	43675030	1.99	45600088	2.40	4.41
Japan	34242765	1.72	40002025	1.83	44424850	2.34	11.06
UK	21569592	1.08	25176931	1.15	22863010	1.21	-9.19
Bangladesh	12459852	0.62	14999855	0.68	17208194	0.91	14.72
Korea, Rep. of	13645739	0.68	17037011	0.78	16181302	0.85	-5.02
Singapore	19440387	0.97	19159083	0.87	15283658	0.81	-20.23
Malaysia	4648700	0.23	8682521	0.40	14263479	0.75	64.28
Vietnam	8828929	0.44	13045407	0.60	13629494	0.72	4.48
Nepal	12987860	0.65	13384220	0.61	11736656	0.62	-12.31
Australia	11595904	0.58	11993013	0.55	10290892	0.54	-14.19
Turkey	6928820	0.35	6420713	0.29	9766262	0.51	52.11
Switzerland	13579251	0.68	14786962	0.67	9128475	0.48	-38.27
Saudi Arabia	7266707	0.36	9086589	0.41	8755009	0.46	-3.65
Botswana	3419571	0.17	8585684	0.39	8709481	0.46	1.44
Germany	9634573	0.48	9275459	0.42	8388472	0.44	-9.56
Italy	8222908	0.41	9133025	0.42	8155825	0.43	-10.70
France	6574261	0.33	8453953	0.39	7464099	0.39	-11.71
Taiwan	4798779	0.24	5338102	0.24	6259956	0.33	17.27
Oman	3949710	0.20	3983979	0.18	6063247	0.32	52.19
Canada	6243582	0.31	6006388	0.27	5942189	0.31	-1.07
Egypt	6350646	0.32	12386738	0.57	4753155	0.25	-61.63
Indonesia	3577777	0.18	5186370	0.24	4663874	0.25	-10.07
Poland	2812682	0.14	3701165	0.17	3323491	0.18	-10.20
South Africa	3696899	0.19	4598989	0.21	3266617	0.17	-28.97
Qatar	2804575	0.14	4786193	0.22	3057266	0.16	-36.12
Spain	2151171	0.11	2105150	0.10	2662435	0.14	26.47
Netherlands	2085771	0.10	6003587	0.27	2248225	0.12	-62.55
Bhutan	2436662	0.12	1892788	0.09	2140555	0.11	13.09
Kuwait	1692932	0.08	2114538	0.10	2055961	0.11	-2.77
Libya	291560	0.01	1346449	0.06	1736428	0.09	28.96
Brazil	260228	0.01	1570934	0.07	1581689	0.08	0.68
Sri Lanka	1011525	0.05	1775669	0.08	1537177	0.08	-13.43
Russia	1004990	0.05	1091197	0.05	1523224	0.08	39.59
Algeria	936472	0.05	1540116	0.07	1434303	0.08	-6.87
Iran	5193946	0.26	2978257	0.14	1246321	0.07	-58.15
Lebanon	1813321	0.09	1806779	0.08	1038512	0.05	-42.52
Ireland	1137555	0.06	1143450	0.05	1034945	0.05	-9.49
New Zealand	1287379	0.06	1079021	0.05	1004006	0.05	-6.95
Bahrain	327879	0.02	1344195	0.06	947014	0.05	-29.55
Other countries	16284156	0.82	19997403	0.91	16904284	0.89	-15.47

Source: DGCI&S, Kolkata

FOREIGN TRADE

Metals & Alloys

The value of exports of metals & alloys at ₹ 1,66,099 crore in the year 2019-20 registered a decrease of 4.70% as compared to that of ₹ 1,74,287 crore in the previous year. The contribution of metals & alloys in the total value of India's exports was only 7.48% during the year under review.

Iron & steel with a share of 61.41% continued to hold the top position in the value of metals/alloys exported from India in 2019-20. Aluminium and alloys including scrap is in the second place and accounted for 21.74% value. Ferroalloys and copper & alloys (including brass & bronze) occupied the third & fourth place with a contribution of 7.11% and 3.64%, respectively. The contributions of zinc & alloys including scrap and lead & alloys including scrap were 2.43% and 1.59%, respectively. The individual share of other remaining metals and alloys was less than one per cent.

As compared to previous year, the value of exports for different important metals had shown a mixed trend in 2019-20. The export value of Gold (Non monetary & monetary) increased by 298.43%, Nickel & Alloys incl. scrap 40.52%, Other metals & Alloys 11.44%, Pig & Cast Iron (Incl. speigeliessen) 6.81% and Tin & Alloys incl. scrap 3.15%. However the export values of precious metal (38.34%), Tungsten & Alloys incl. scrap (30.62%), Antimony Alloys & Scrap (25.38%), Platinum Alloys & related metals (23.47%), Ferro- alloys (21.07%) and Silver (16.9%) showed significant negative growth during 2019-20 as compared to that of the previous year.

India exported metals & alloys to various countries in 2019-20. Bulk of the metals and alloys

having share more than 1% to total value were exported to 24 countries. These countries together accounted for 95.88% of the total value of exports during 2019-20. USA with a share of 11.04% occupied top position in 2019-20 followed by Malaysia (6.84%), Republic of Korea (6.31%), UAE (5.99%), Nepal (5.33%), Vietnam (5.27%), Italy (4.50%), China (4.49%), Bangladesh (2.80%), Germany (2.62%), Belgium (2.49%), Taiwan (2.19%), UK (2.07%), Thailand (2.02%), Canada (1.84%), Saudi Arabia (1.74%), Spain (1.72%), Japan (1.71%), Netherlands (1.70%), Indonesia (1.46%), Sri Lanka & Brazil (1.23% each), Mexico (1.22%) and Oman (1.19%). The individual share is less than one per cent in respect of the remaining countries.

The countries that have recorded significant increase in value of exports of metals & alloys during the year 2019-20 are Peru more than 3 fold of 200.47%, Vietnam 103.99%, China 46.69%, Oman 40.04%, Bhutan 37.58%, Russia 37.49%, Canada 30.42%, Malaysia 30.12% and Israel 19.35%.

On the other hand, decline in the value of exports of metals & alloys was observed among Turkey (69%), Mexico (42.95%), Spain (34.8%), Kuwait (34.75%), Qatar (34.54%), Colombia (30.22%), Philippines (26.81%), Netherlands (26.27%), Kenya (26.13%), Belgium (24.25%), Singapore (23.38%) and Italy (20.24%) during the year under review (Tables - 4 to 6).

Exports of selected mineral-based products during 2017-18 to 2019-20 are furnished in Table - 7. Value of exports of selected Mineral- based products at ₹ 2,60,158 crore in the year 2019-20 registered a decrease of 5.29% as compared to that of ₹ 2,74,689 crore in the previous year.

Table-4 : Exports of Metals and Alloys 2017-18 to 2019-20

		(Value in ₹ '000)					
		2017-18		2018-19		2019-20 (P)	
Metals & Alloys	Unit	Quantity	Value	Quantity	Value	Quantity	Value
All Metals & Alloys		**	1903344692	**	1742867962	**	1660987574
Aluminium and Alloys Incl. Scrap	tonne	2011780	307876721	2337860	398756254	2371140	361046711
Antimony Alloys and Scrap	tonne	1896	970687	2282	1242874	2218	927375
Bismuth & Scrap	tonne	4	4558	++	923	++	1054
Boron	tonne	-	26	++	1971	++	92

(Contd)

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Table-4 (contd)

		(Value in ₹ '000)					
Metals & Alloys	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Cadmium (incl. waste & scrap)	tonne	201	20077	145	20128	268	35679
Cement (copper precipitated)	tonne	161	7083	42	1916	1	367
Chromium & Alloys	tonne	54	36325	47	60583	159	112565
Cobalt & Alloys	tonne	222	222960	96	425188	107	220378
(incl. waste and scrap): Total							
Cobalt & Alloys	tonne	117	165542	83	411873	89	199964
Cobalt & Scrap	tonne	106	57418	14	13315	18	20414
Copper & Alloys	tonne	511485	220350121	134608	70029622	141010	60527115
(incl. brass & bronze): Total							
Brass & Bronze	tonne	34238	27442014	28654	20698053	50698	21447992
Brass & Bronze (scrap)	tonne	2047	517817	1598	481299	1065	312012
Copper & Alloys	tonne	471928	191305364	99279	46846435	81509	35989500
Copper (scrap)	tonne	3273	1084926	5077	2003835	7738	2777610
Ferroalloys : Total	tonne	1955751	143284847	1942134	149622740	1715936	118100715
Ferroboron	tonne	102	14677	47	9921	51	11143
Ferrochrome	tonne	791862	60038253	860183	66563284	732432	48794987
Ferrochargechrome	tonne	1	136	++	64	-	-
Ferrocobalt	tonne	++	243	++	398	++	75
Ferrocolumbium	tonne	5	9965	1	1089	1	2901
Ferromanganese	tonne	307107	24302483	271433	22752482	262268	19796177
Ferromolybdenum	tonne	505	440840	330	444660	132	146529
Ferronickel	tonne	++	2	++	55	++	197
Ferroniobium	tonne	3	4679	46	99697	27	52730
Ferrophosphorous	tonne	162	16559	149	17076	80	10878
Ferroselenium	tonne	++	1333	++	917	++	1365
Ferrosilicon	tonne	20650	1815141	25752	2580250	18757	1601612
Ferrotitanium	tonne	564	110740	1199	284737	3227	678896
Ferrotungsten	tonne	7	5845	2	6443	1	1223
Ferrovandium	tonne	214	410525	474	1832964	532	883571
Ferrozirconium	tonne	++	24	3	1546	5	2914
Ferro-silico-chrome	tonne	-	-	++	31	3	638
Ferro-silico-magnesium	tonne	10078	951909	8610	951637	7155	770987
Ferro silico-manganese	tonne	818012	54608448	766932	53296562	682847	44374535
Ferro-alloys (others)	tonne	6479	553043	6973	778927	8418	969356

(contd)

FOREIGN TRADE

Table-4 (contd)

		(Value in ₹ '000)					
Metals & Alloys	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Gold (non-monetary & monetary):Total	kg	36927	96685965	507	1441337	1730	5742697
Gold-monetary	kg	-	-	++	9	-	-
Gold-non-monetary	kg	36927	96685965	507	1441328	1730	5742697
Gold,non-Monetary, Other Unwrought Forms	kg	36927	96685958	505	1436329	1575	5300968
Gold-Non-Monetary, Powder	kg	-	-	++	35	-	-
Gold-Non-Monetary: Other Semi-manufactured forms	kg	++	6	2	4964	155	441729
Gold-clad Metals/Base Metals Nes	tonne	++	148	++	1084	++	19
Iron & Steel : Total		**	997377251	**	1022758509	**	1019955643
Iron & Steel (finished steel inc. Cr sheet)		5940761	340298284	4523368	326116006	4631379	309262157
Iron & Steel (semi-finished steel incl. stl ingo)	tonne	8115641	317011255	5979824	293653659	7957579	320684612
Iron & Steel (steel wire)	tonne	174735	21901011	152597	25449317	159615	23911257
Iron & Steel (sponge iron)	tonne	588622	11054668	686152	15725353	898476	17286760
Iron & Steel (scrap)	tonne	6813	567051	8490	648537	11880	688323
Iron & Steel: Alloy Steel (granules)	tonne	183	18118	312	21811	486	29001
Iron & Steel: Alloy Steel (powder)	tonne	19	3711	128	36775	67	9067
Iron & Steel (other finished steel, nes)		**	296503963	**	351532808	**	339926303
Iron & Steel Material	tonne	149171	7180898	88157	5217266	84899	4478669
Iron & Steel (stainless steel)	tonne	9691	2838292	12146	4356976	8181	3679492
Lead and Alloys Incl. Scrap: Total	tonne	159544	25572183	176846	28199782	174948	26422504
Lead & Alloys	tonne	159531	25570820	176783	28192397	174945	26421816
Lead & Scrap	tonne	13	1363	62	7385	3	688
Magnesium & Scrap	tonne	163	28376	996	116662	2376	294363
Manganese & Alloys (Incl. waste & scrap): Total	tonne	305	207272	456	312178	418	343898
Manganese Waste & Scrap	tonne	30	5620	41	11325	24	5916
Manganese & Alloys: (wrought & unwrought)	tonne	269	199909	414	300771	136	119132
Manganese & Alloys Nes	tonne	6	1742	++	82	258	218851
Mercury	tonne	16	52540	36	237150	59	312412
Molybdenum & Scrap Incl. Scrap: Total	tonne	294	180112	517	281068	85	122337

(contd)

FOREIGN TRADE

Table-4 (concl'd)

		(Value in ₹ '000)					
Metals & Alloys	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Nickel And Alloys Incl. scrap: Total	tonne	2806	2730933	3764	4648661	16909	6532316
Nickel & Alloys	tonne	2270	2481828	2480	3935406	15654	5830632
Nickel Scrap	tonne	536	249105	1284	713255	1255	701684
Other Rare Metals Nes	tonne	3	806	++	616	++	20065
Pig & Cast Iron (Incl. Spiegeliesen)	tonne	557635	12533399	346760	10053240	440440	10737677
Platinum Alloys & Related Metals: Total	kg	741	1261759	937	2197414	604	1681683
Platinum (powder, unwrought & others)	kg	568	988409.299	395	739050	259	524195
Other Metals of Platinum Group	kg	173	273349.991	542	1458364	345	1157488
Platinum-clad Base metal/ Precious Metal	kg	12	682	++	254	-	-
Precious Metals / Metals Clad With Precious Metals	tonne	1187	28490393	3355	7297957	1054	4499703
Selenium	tonne	174	374190	28	58603	19	46421
Silicon	tonne	77	35078	204	29968	175	19031
Silver	tonne	29	659078	35	818438	33	680125
Silver clad Base Metals	kg	1307	3869	1354	4637	3898	12268
Tantalum & Scrap: Total	tonne	3	58834	7	83897	4	40266
Tantalum Alloys Unwrought	tonne	2	44468	6	81960	4	37812
Tantalum & Scrap	tonne	2	14366	++	1937	++	2454
Tellurium	tonne	--	--	++	419	++	122
Tin & Alloys Incl. Scrap: Total	tonne	996	762618	859	718270	944	740867
Tin & Alloys	tonne	569	712543	539	688879	680	694817
Tin & Alloys : Worked	tonne	424	47468	318	28781	264	46040
Tin (scrap)	tonne	4	2607	2	610	++	9
Titanium & Alloys (incl. waste & scrap)	tonne	273	371053	319	272937	492	546043
Tungsten Alloys & Scrap	kg	592940	1471426	466667	1254346	313499	870319
Zinc and Alloys Incl. Scrap: Total	tonne	286978	61679965	195900	41899908	212715	40372947
Zinc & Alloys	tonne	286763	61654613	195780	41882289	212605	40361625
Zinc (scrap)	tonne	216	25352	119	17620	110	11322
Zirconium & Scrap	tonne	8	33359	4	18427	1	21799

Source: DGCI, Kolkata

++: Negligible

**: Quantity not additive

Total may not tally due to rounding off

FOREIGN TRADE

**Table-5 : Value of Exports of Metals and Alloys, 2017-18 to 2019-20
(By Principal Metals & Alloys)**

Metals & Alloys	2017-18		2018-19		2019-20 (P)		% increase (+) or decrease (-) in 2019-20 over 2018-19
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Metals & Alloys	1903344692	100.00	1742867962	100.00	1660987574	100.00	-4.70
Iron & Steel	997377250.5	52.40	1022758509	58.68	1019955643	61.41	-0.27
Aluminium and Alloys Incl. Scrap	307876721	16.18	398756254	22.88	361046711	21.74	-9.46
Ferroalloys	143284847	7.53	149622740	8.58	118100715	7.11	-21.07
Copper & Alloys (Incl. Brass & Bronze)	220350121	11.58	70029622	4.02	60527115	3.64	-13.57
Zinc and Alloys Incl. Scrap	61679965	3.24	41899908	2.40	40372947	2.43	-3.64
Lead and Alloys Incl. Scrap	25572183	1.34	28199782	1.62	26422504	1.59	-6.30
Pig & Cast Iron (incl. speigeliessen)	12533399	0.66	10053240	0.58	10737677	0.65	6.81
Nickel and Alloys Incl. Scrap	2730933	0.14	4648661	0.27	6532316	0.39	40.52
Gold (non-monetary & monetary):Total	96685965	5.08	1441337	0.08	5742697	0.35	298.43
Precious Metals / Metals Clad With Precious Metals	28490393	1.50	7297957	0.42	4499703	0.27	-38.34
Platinum Alloys & Related Metals	1261759	0.07	2197414	0.13	1681683	0.10	-23.47
Antimony Alloys and Scrap	970687	0.05	1242874	0.07	927375	0.06	-25.38
Tungsten and Alloys Incl. Scrap	1471426	0.08	1254346	0.07	870319	0.05	-30.62
Tin and Alloys Incl. Scrap	762618	0.04	718270	0.04	740867	0.04	3.15
Silver	659078	0.03	818438	0.05	680125	0.04	-16.90
Other Metals and Alloys	1637345	0.09	1928609	0.11	2149178	0.13	11.44

Source: DGCI & S, Kolkata

Note: Total may not tally due to rounding off

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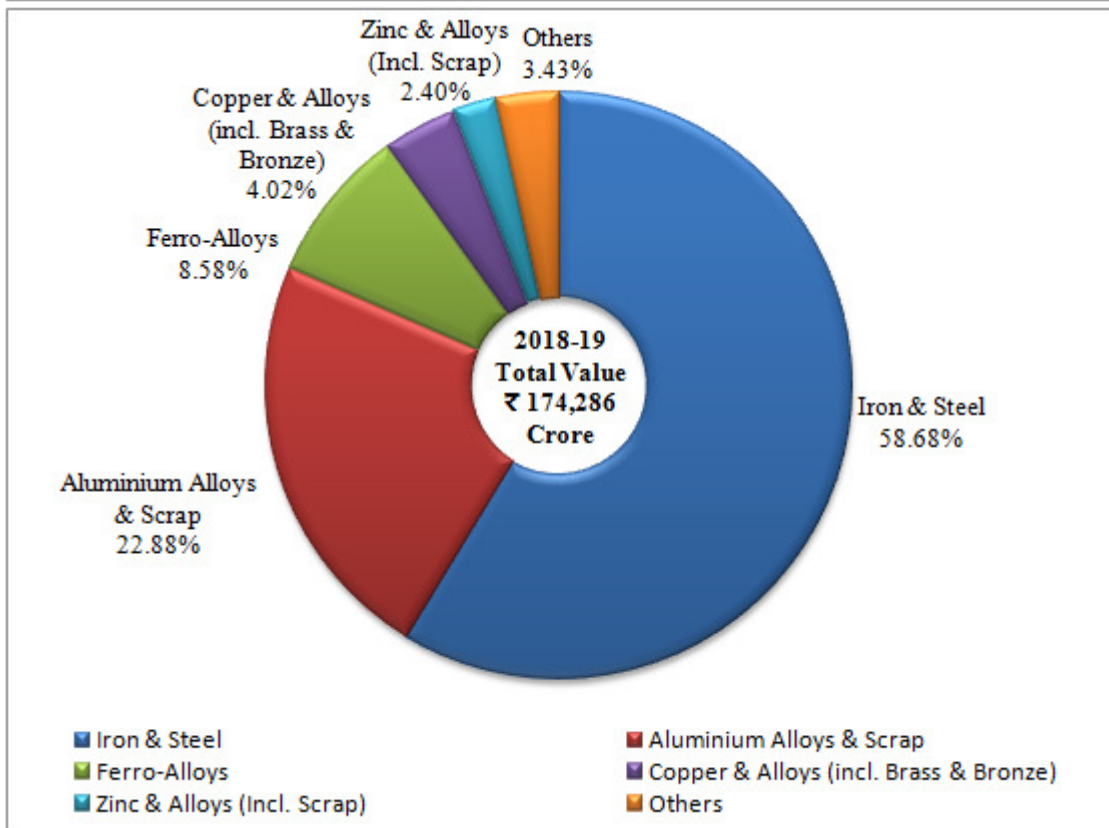
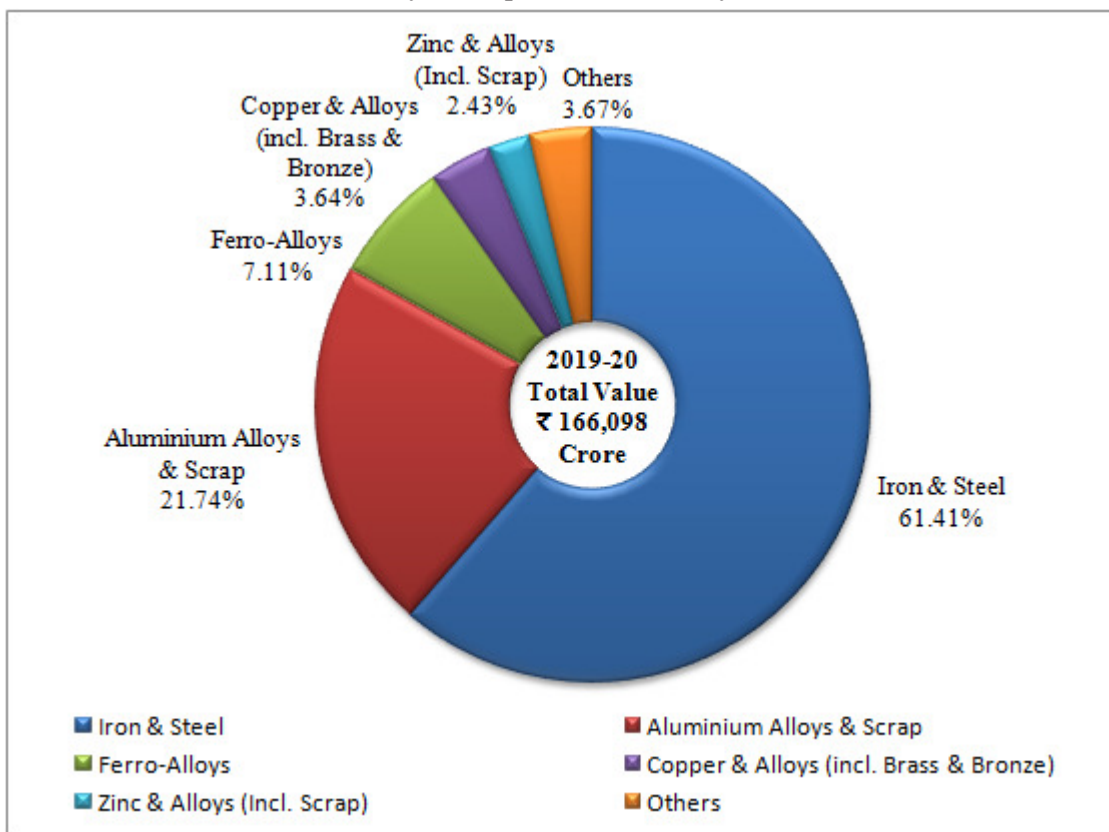
**Table-6 : Value of Exports of Metals and Alloys, 2017-18 to 2019-20
(By Principal Countries)**

Country	2017-18		2018-19		2019-20 (P)		% increase (+) or decrease (-) in 2019-20 over 2018-19
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Countries	1903344692	100.00	1742867962	100.00	1660987574	100.00	-4.70
USA	190984655	10.03	204501008	11.73	183309797	11.04	-10.36
Malaysia	99138736	5.21	87285934	5.01	113572301	6.84	30.12
Korea, Rep of	104020875	5.47	95671259	5.49	104730745	6.31	9.47
UAE	223951741	11.77	98180493	5.63	99533229	5.99	1.38
Nepal	71023752	3.73	98029669	5.62	88483200	5.33	-9.74
Vietnam	42761139	2.25	42944578	2.46	87603975	5.27	103.99
Italy	91455962	4.81	93754975	5.38	74776640	4.50	-20.24
China	145525447	7.65	50858251	2.92	74601591	4.49	46.69
Bangladesh	41498403	2.18	45970835	2.64	46545565	2.80	1.25
Germany	39288081	2.06	47721837	2.74	43590630	2.62	-8.66
Belgium	61867635	3.25	54687315	3.14	41428329	2.49	-24.25
Taiwan	41104736	2.16	40101090	2.30	36440577	2.19	-9.13
UK	33565891	1.76	40610536	2.33	34404603	2.07	-15.28
Thailand	29213234	1.53	36161139	2.07	33538505	2.02	-7.25
Canada	18843083	0.99	23383604	1.34	30498059	1.84	30.42
Saudi Arabia	32299655	1.70	28495683	1.63	28852422	1.74	1.25
Spain	43196756	2.27	43789126	2.51	28551678	1.72	-34.80
Japan	30593742	1.61	35124224	2.02	28381279	1.71	-19.20
Netherlands	28139901	1.48	38288313	2.20	28229921	1.70	-26.27
Indonesia	45880594	2.41	28580346	1.64	24313403	1.46	-14.93
Sri Lanka	24231470	1.27	19607781	1.13	20424548	1.23	4.17
Brazil	15582721	0.82	20841844	1.20	20356430	1.23	-2.33
Mexico	23671810	1.24	35475993	2.04	20240211	1.22	-42.95
Oman	21357580	1.12	14163966	0.81	19834530	1.19	40.04
Singapore	26450966	1.39	20434577	1.17	15657017	0.94	-23.38
France	11802426	0.62	14346035	0.82	15438450	0.93	7.61
Turkey	34023787	1.79	48998670	2.81	15187748	0.91	-69.00
Poland	15411503	0.81	16085139	0.92	14585428	0.88	-9.32
Australia	12043623	0.63	13932807	0.80	14102350	0.85	1.22
Qatar	22994549	1.21	19983081	1.15	13081293	0.79	-34.54
Nigeria	11203375	0.59	13252633	0.76	12649001	0.76	-4.55
Russia	6416970	0.34	8054203	0.46	11073965	0.67	37.49
Egypt	7687060	0.40	11673599	0.67	10833416	0.65	-7.20
Ethiopia	8753627	0.46	8734437	0.50	9280314	0.56	6.25
South Africa	8993365	0.47	10621778	0.61	9251853	0.56	-12.90
Philippines	15456072	0.81	11883459	0.68	8697509	0.52	-26.81
Bhutan	4075287	0.21	5382426	0.31	7405377	0.45	37.58
Kenya	9406902	0.49	9620505	0.55	7106430	0.43	-26.13
Kuwait	8068413	0.42	10723914	0.62	6997180	0.42	-34.75
Peru	4058876	0.21	2245557	0.13	6747130	0.41	200.47
Israel	4533778	0.24	5360106	0.31	6397414	0.39	19.35
Colombia	12244012	0.64	8886552	0.51	6201449	0.37	-30.22
Bahrain	7526612	0.40	6406224	0.37	6023068	0.36	-5.98
Hong Kong	8065810	0.42	5323810	0.31	5977395	0.36	12.28
Portugal	7545754	0.40	5049109	0.29	5936074	0.36	17.57
Other countries	157384329	8.27	161639540	9.27	140115544	8.44	-13.32

Source: DGCI & S, Kolkata

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Value of Exports of Metals and Alloys, 2018-19 and 2019-20
(By Principal Metals & Alloys)



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Table- 7 : Exports of Selected Mineral-based Products, 2017-18 to 2019-20

(Value in ₹ '000)

Mineral-based Product	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Item		**	2320733817	**	2746887459	**	2601579578
Aluminium Fluoride	tonne	206	20352	442	36259	1362	120975
Asbestos Cement Products	tonne	62379	976622	67352	970413	91100	1447617
Asbestos Fibre Products	tonne	35812	4636847	41677	5252141	43310	5071608
Bleaching Powder	tonne	16349	340458	21327	592188	23949	677278
Boric Acid	tonne	1377	100729	1321	107106	1525	121969
Briquets of Coke, Semi-coke of Coal	tonne	18029	115737	80	606	210	1723
Calcium Carbide	tonne	439	25029	325	20384	371	24368
Caustic Soda	tonne	159645	6683530	172165	7166279	187494	5453188
Cement : Total	tonne	6664210	23048577	5824303	20293766	2840284	9539872
Cement (others)	tonne	272284	941739	209898	763214	129763	480668
Cement (portland grey)	tonne	2276162	7380587	2014673	6837613	1892278	6173135
Cement (portland white)	tonne	23639	200857	29181	215183	18166	176656
Cement Clinker	tonne	4092125	14525393	3570550	12477756	800077	2709413
Cryolite and Chiolite	tonne	70	5439	71	9002	53	4296
Graphite (artificial)	tonne	23693	2135615	31594	3745543	24747	3555900
Graphite Bricks & Shapes	tonne	292	7745	597	5707	95	5142
Graphite Crucibles	tonne	113	5496	56	6888	20	2253
Hydrofluoric Acid	tonne	3170	231832	2198	211815	2475	237995
Manganese Oxide: Total	tonne	20771	1016498	18035	928690	28486	1382052
Manganese Dioxide	tonne	2545	123550	2529	118447	11413	549640
Manganese Oxides (other than Mn Dioxide)	tonne	18226	892948	15506	810243	17073	832412
Petroleum Products: Total*	'000 tonne	66833	2253880000	61096	2676970000	NA	2540180000
Non-Ferrous Ash & Residues	tonne	116204	514769	168330	618621	417954	1739633
Non-Ferrous Ash & Residues	tonne	115747	513646	167198	613243	415378	1707210
Non-Ferrous Base Metals Scrap	tonne	457	1124	1132	5378	2577	32422
Other Refractory Manufactures	tonne	60169	6038706	56851	5484465	37658	5065198
Phosphoric Fertilizers	tonne	8762	68885	6947	94622	173	13729
Phosphoric Acid	tonne	572	35081	360	30931	2633	196836
Phosphorus (elemental)	tonne	455	171596	610	224682	650	256684
Potash Fertilizer	tonne	41325	1105979	41327	1223814	29569	1014821
Potassium Nitrate	tonne	920	165184	805	154987	985	168081
Refractory Bricks	tonne	200295	10443350	253457	13895203	226260	14825817
Silicon Carbide Crucibles	tonne	3549	595149	3128	671354	3023	690398
Slag (dross etc. from iron & steel exc. granules)	tonne	279098	1032991	148859	507380	131880	702418
Soda Ash	tonne	110087	1937729	62457	1520233	137749	2713656
Sodium Nitrate	tonne	7	548	8	1220	149	7891
Sodium Nitrite	tonne	12442	552135	15181	759379	14465	661147
Sulphur (sublimed precipitated & colloidal): Total	tonne	17697	1896114	18080	2128393	16813	1917965
Sulphur (colloidal)	tonne	8	520	3	210	++	24
Sulphur Precipitated	tonne	52	663	1	92	1	155
Sulphur Sublimed	tonne	17637	1894931	18077	2128091	16811	1917786
Titanium Oxide & Dioxide: Total	tonne	38676	2945095	37089	3255387	38512	3779067
Titanium Dioxide	tonne	9560	1537658	7345	1274279	6235	1065354
Titanium Oxide (Other than Titanium Dioxide)	tonne	29115	1407437	29744	1981107	32277	2713713

Source: 1) DGCI & S, Kolkata

* Ministry of Petroleum & Natural Gas Basic Statistics

** : Quantity not additive

FOREIGN TRADE

IMPORTS

Ores and Minerals

The value of imports of ores & minerals in 2019-20 accounted for 34.26% of the total value of all merchandise imported into India. During 2019-20, the total value of imports of ores and minerals at ₹ 11,51,530 crore registered a decrease of 11.37% as compared to ₹ 12,99,186 crore in the year 2018-19.

Petroleum (crude) continued to be the largest constituent item with a share of 63.23% in the total value of minerals imported in 2019-20. Next in order of importance was coal (excl lignite) with a share of 13.26% followed by diamond with a share of 12.92% and natural gas with 5.95%. The combined share of these four minerals was 95.36% in 2019-20 as against 93.99% in the previous year.

The value of imports of some ores & minerals has marginally increased as in the case of Limestone 2.09% and Asbestos 1.46% during the year 2019-20 as compared to that in the previous year. However, the value of imports in some cases significantly declined as in iron ore (84.09%), alumina (51.6%), coke (49.43%), sulphur (excl. sublimed, precipitated & colloidal) (45.86%), emerald (cut & uncut) (33.31%), copper ore & conc. (28.64%), molybdenum ore & conc. (27.91%) and bauxite (19.05%) during the year under review over the previous year.

During 2019-20, ores and minerals were imported from various countries. Bulk of ores & minerals

having share more than 1% to total value were imported from 19 countries. These 19 countries, accounted for about 91.12% of the total value of ores & minerals imported in 2019-20. Iraq occupied the top position in 2019-20 in terms of imports value and accounted for 14.01% of the total mineral imports. Next in the order was Saudi Arabia with 12.56% share followed by UAE 10.79%, USA 7.01%, Nigeria 6.18%, Australia 5.03%, Indonesia 4.22%, Venezuela 3.71%, Qatar 3.60%, Belgium 3.15%, Kuwait 2.98%, South Africa 2.48%, Angola 2.24%, Russia 2.11%, Mexico 2.05%, Hong Kong 2.04%, Kazakhstan 1.33%, Malaysia 1.11% and Algeria 1.03%. The individual share of remaining countries was less than one per cent.

Countrywise analysis of value of imports of ores and minerals in 2019-20 revealed that imports value from Kazakhstan reported increase of more than four times (312.54%); Cameroon by two times (104.23%). The other countries which recorded significant increase in the value of imports of ores and minerals during the year were People's Republic of the Congo 63.76%, Equatorial Guinea 54.39%, Russia 33.19%, Algeria 26.91% and Egypt 23.39%. However, imports value showed a decline in respect of the category of Iran (91.59%), China (62.66%), Brazil (37.79%), Mozambique (31.48%), Malaysia (31.31%), Other Countries (26.93%), Israel (26.68%), Australia (25%), Botsawana (22.49%), Belgium (21.7%) and Mexico (21.21%). (Tables - 8 to 10).

Table - 8 : Imports of Ores & Minerals for the year 2017-18 to 2019-20

(Value in ₹ '000)

Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Minerals		** 10285285803		** 12991864212		** 11515303020	
Abrasives (Natural)	tonne	5386	68022	4942	74317	4235	59874
Alabaster	tonne	1145	28996	1378	39474	1040	32801
Alumina	tonne	2224194	60483412	2856522	102946451	1844483	49829389
Andalusite	tonne	14375	318253	14263	355231	17617	425962
Antimony Ores and Concs.	tonne	5257	1093067	7496	1609648	7655	1265983
Arsenic Sulphide (natural)	tonne	20	1155	7	557	7	995
Asbestos: Total	tonne	357182	11603678	364105	12253120	361164	12432335
Asbestos (chrysotile)	tonne	357182	11603543	363902	12246919	360839	12422166
Asbestos (others)	tonne	-	135	203	6202	324	10169

(contd)

FOREIGN TRADE

Table-8 (contd)

		(Value in ₹ '000)					
Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Ballclay	tonne	197848	1514694	175253	1579468	126795	1115238
Barytes	tonne	10982	237166	11497	266738	15438	427966
Bauxite	tonne	1461494	7727097	2254595	13364138	2246682	10817757
Bentonite	tonne	48963	657248	57232	868080	72619	882272
Borax: Total	tonne	160135	4753977	181628	5886239	176421	5644323
Natural Borate	tonne	73386	1713685	85217	2206203	84699	2157325
Sodium Borate	tonne	76415	2486188	86687	3101908	81530	2776163
Other Borates	tonne	10334	554103	9723	578128	10192	710835
Building & Monumental Stones Nes	tonne	103829	418409	201755	850407	47976	523955
Calcite	tonne	74153	353344	71712	346402	63457	302799
Chalk	tonne	6989	36764	255	6142	105	4131
Chromite: Total	tonne	160505	2981861	162663	3154446	124693	2065046
Chrome Ore Others	tonne	37252	607802	31291	630138	42984	739986
Chrome Ore Conc.	tonne	6803	173381	2970	104952	891	24896
Chrome Ore Lumps	tonne	116449	2200678	128402	2419355	80819	1300165
Clay (Others)	tonne	24338	302247	17482	319967	20966	317309
Coal (Ex lignite)	'000 tonnes	208254	1384845575	235355	1709323907	248546	1527478150
Coal:lignite	'000 tonnes	2	29	-	-	-	-
Coal Gas	tonne	++	1335	1	8171	1	5170
Cobalt Ores & Conc.	tonne	-	-	1	4476	2	9253
Coke	tonne	4589015	91542188	4933340	120756971	2912775	61067395
Copper Ores & Conc.	tonne	1488164	278344776	823938	121462018	821555	86675247
Corundum (natural)	tonne	1	29	-	-	-	-
Diamond: Total		**	1902035828	**	1779709899	**	1487354321
Diamond (industrial)	Carat	1147013	910896	5120796	3864007	10427197	6024785
Diamond (mostly cut)	Carat	**	1899129686	**	1773772347	**	1479515995
Diamond Powder	'000 Carat	703178	1995245	763772	2073544	816432	1813541
Diatomite	tonne	2426	88318	3648	139463	4950	152228
Dolomite	tonne	5360753	5636086	5869536	6743267	5539814	6555288
Earth Clay	tonne	43	1845	19	4255	2	343
Emerald (cut & uncut)		**	77934747	**	36592286	**	24403507
Emerald (uncut)	tonne	62	39699940	46	14833394	138	13871900
Emerald (cut)	'000 Carat	50612	38234807	51012	21758892	90368	10531607
Felspar (natural)	tonne	16753	147950	9490	100612	8200	101217
Felspar (cut & uncut)		**	48136	**	96750	**	83631
Felspar (uncut)	tonne	22	19955	2	75191	14	67871
Felspar (cut)	'000 Carat	4378	28181	3611	21559	2142	15760

(contd.)

FOREIGN TRADE

Table-8 (contd)

		(Value in ₹ '000)					
Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Fireclay	tonne	1765	110852	1294	88523	1896	100242
Flint	tonne	4431	56232	6887	76018	6279	62363
Fluorspar	tonne	221817	3958978	265445	7281830	239589	7225936
Garnet(abrasive)	tonne	2256	21243	422	6410	391	6188
Garnet(cut and uncut)		**	335898	**	169836	**	184468
Garnet (uncut)	tonne	12	277803	27	124213	58	129066
Garnet (cut)	'000 ct	3702	58095	6144	45623	4970	55402
Granite : Total	tonne	60339	1760529	61962	1940630	56172	1846957
Granite(crude or roughly trimmed)	tonne	39142	983349	41225	1085461	38757	1011671
Granite (cut blocks/slabs)	tonne	14389	342116	14444	353099	11265	270576
Granite (polished blocks/tiles)	tonne	1149	45197	758	36139	673	24389
Granite (others)	tonne	5659	389867	5536	465930	5477	540321
Graphite (natural)	tonne	39864	1487947	47053	2328880	41405	1863219
Gypsum & Plaster	tonne	5740956	8254197	6186250	9473422	5460744	8415197
Iron Ore: Total	'000 tonnes	8707	42293970	12808	59136712	1246	9409772
Iron Ore Conc:Non-agglomerated	'000 tonnes	2210	12707090	533	3533499	421	3063618
Iron Ore Fines	'000 tonnes	3798	11958940	8436	28976777	223	1291301
Iron Ore Lumps	'000 tonnes	2123	12138902	3196	19735798	543	4530383
Iron Ore pelletes	'000 tonnes	571	5434369	640	6832112	54	438140
Iron Ore Pyrites	'000 tonnes	5	54669	4	58526	6	86330
Kaolin	tonne	192539	2787447	229734	3581703	231666	3933899
Kieselgurh	tonne	1	99	42	3995	66	9246
Kyanite	tonne	620	17807	997	27590	1112	33476
Lead Ores & Concs.	tonne	2220	149370	1499	85467	3283	166726
Limestone	tonne	20827698	29016416	24397170	36665169	25639511	37429912
Magnesite : Total	tonne	229628	5268655	464367	11120844	365054	9468162
Magnesia (fused)	tonne	16320	1049128	21130	1630685	16325	823312
Magnesite (not calcined)	tonne	63048	219645	115540	390976	63874	185152
Magnesite (calcined)	tonne	35059	930629	36157	1542203	50568	1645694
Magnesite:Dead-Burnt Magnesia	tonne	65155	1458690	144069	4911911	160466	5018484
Magnesium Oxide	tonne	22263	805410	48881	1436254	55765	1208334
Magnesite (other)	tonne	27783	805153	98589	1208817	18056	587186
Manganese Ore: Total	tonne	3627741	50633963	2784473	48484512	4316572	41282102
Manganese Ore (46% or more Mn)	tonne	327431	5971223	219962	5275365	191765	3997776
Manganese Ore (35% or more but below 46% Mn)	tonne	2095807	30130889	1641885	29972598	1871739	26995931

(Contd)

FOREIGN TRADE

Table-8 (contd)

		(Value in ₹ '000)					
Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Manganese Ore (30% or more but below 35% Mn)	tonne	494927	4658513	395736	4809679	432072	4049808
Manganese Ore (Ferruginous,10 % or more but below 30% Mn)	tonne	50684	420397	98443	881293	47639	394579
Manganese Ore (others)	tonne	658891	9452940	428446	7545577	1773356	5844007
Marble : Total	tonne	1164246	22696788	997198	20190592	951361	17923701
Marble (dressed)	tonne	1033530	16371890	916568	14896708	900859	14764331
Marble (others)	tonne	130717	6324898	80630	5293884	50502	3159370
Mica: Total	tonne	4313	1079664	3692	1172725	3649	1280927
Mica (unmanufactured)	tonne	1891	108125	1955	133079	1625	135690
Mica (blocks)	tonne	123	6106	117	6825	218	11184
Mica (powder)	tonne	553	51104	872	70520	536	63928
Mica (splittings)	tonne	681	35875	504	35978	460	43168
Mica (waste & scrap)	tonne	534	15040	463	19756	411	17409
Mica (worked)	tonne	2422	971539	1737	1039646	2025	1145237
Mica (cond. films, plates, cuts Nes)	tonne	459	33910	12	15522	33	33471
Mica (washers & discs)	tonne	1	515	++	343	++	2
Mica (sheets & strips)	tonne	176	26926	269	44739	158	32760
Mica Worked (others)	tonne	1786	910189	1455	979043	1834	1079005
Molybdenum Ores & Conc.	tonne	9169	8149458	11028	13606784	7901	9809779
Natural Gas	tonne	20176813	523664503	21544662	738878610	24416607	684667281
Nickel Ores & Concs.	tonne	--	--	++	169	++	204
Niobium or Tantalum ores and concs.	tonne	185	228699	155	264454	16	21764
Ochre: Total	tonne	56	14580	40	11794	189	35754
Ochre: Earth Colours	tonne	7	3131	7	2856	153	14870
Ochre:Yellow Ochre	tonne	5	2700	2	1581	7	6286
Ochre: Persian Red	tonne	1	448	++	50	++	147
Ochre: Red Oxide	tonne	44	8301	30	7308	28	14451
Petroleum (crude)	'000 tonnes	218107	5630977107	226453	7981583187	220870	7281122511
Precious & Semi-precious Stones (Cut & uncut):Total		**	46165232	**	48292004	**	41191158
Precious & Semi precious Stones (uncut)	tonne	1749	39214946	2499	24610114	2442	6169057
Precious & Semi-precious Stones Cut	'000 crt	288011	6950286	726885	23681890	623821	35022101
Precious Metal Ores & Concentrates	Kg	15298	3363976.3	201	159.816	273	735.888

(Contd)

FOREIGN TRADE

Table-8 (concl'd)

		(Value in ₹ '000)					
Ores & Minerals	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Quartz & Quartzite: Total	tonne	976	22057	1663	54630	1156	40684
Quartz (natural)	tonne	612	8192	223	6568	718	9960
Quartzite (natural)	tonne	364	13865	1440	48062	438	30724
Rock Phosphate/Phosphorite	tonne	7702634	45457007	7519156	56379205	7654868	54205952
Salt (other than common salt)	tonne	67555	291752	78712	472880	65261	466170
Sand, Excl. Metal Bearing	tonne	361957	530106	390327	843983	198864	502133
Sandstone	tonne	203	4162	48	973	28	693
Silica Sand	tonne	130185	475197	60898	400143	21392	218842
Sillimanite	tonne	18	1027	98	2403	609	10780
Slate	tonne	139	9623	225	6869	111	3816
Steatite : Total	tonne	4548	249142	7028	324573	5811	325940
Steatite Blocks	tonne	1	13	201	2618	170	1744
Steatite Lumps	tonne	190	1596	1254	7027	724	2205
Steatite Powder & Others	tonne	4357	247533	5574	314928	4918	321991
Sulphur (excl. sublimed.ppt. & colloidal)	tonne	1206433	10628788	1346777	15219696	1235103	8239655
Tin Ores & Concs.	tonne	57	56980	6	1259	++	206
Titanium Ores & Conc.: Total	tonne	163690	3297464	97307	3013233	138044	3965291
Titanium Ores and Conc.(ileminite)	tonne	135224	1923741	70275	1250833	109771	1963148
Titanium Ores and Conc. (rutile)	tonne	21049	1132192	20825	1500944	20590	1689191
Titanium Ores And Conc. (others)	tonne	7417	241531	6207	261456	7683	312951
Tripoli Earth	tonne	0	8	8	238	19	1115
Tungsten Ores & Concs.	tonne	350	23609	461	64519	447	69235
Vanadium Ores & Others	tonne	491	89745	2658	451826	7005	349104
Vermiculite (raw)	tonne	321	7415	610	16154	416	11024
Witherite	tonne	-	-	++	95	7	263
Wollastonite	tonne	11461	156398	26484	331612	22618	294799
Zinc Ores & Concs.	tonne	-	-	1422	38776	101	2667
Zirconium Ores & Conc.	tonne	83780	6202747	76078	8084379	56168	6073419
Other Minerals Nes	tonne	536328	2082737	683347	2821851	641541	2995670

Source: DGCI & S, Kolkata

++: Negligible

**: Quantity not additive

Note: Total may not tally due to rounding off

FOREIGN TRADE

**Table -9 : Value of Imports of Ores & Minerals(including Re-import), 2017-18 to 2019-20
(By Principal Minerals)**

Ores & Minerals	2017-18		2018-19		2019-20 (P)		% increase (+) or decrease (-) in 2019-20 over 2018-19
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Minerals	10285285803	100.00	12991864212	100.00	11515303020	100.00	-11.37
Petroleum (crude)	5630977107	54.75	7981583187	61.44	7281122511	63.23	-8.78
Coal (ex lignite)	1384845575	13.46	1709323907	13.16	1527478150	13.26	-10.64
Diamond	1902035828	18.49	1779709899	13.70	1487354321	12.92	-16.43
Natural Gas	523664503	5.09	738878610	5.69	684667281	5.95	-7.34
Copper Ores & Conc.	278344776	2.71	121462018	0.93	86675247	0.75	-28.64
Coke	91542188	0.89	120756971	0.93	61067395	0.53	-49.43
Rock Phosphate	45457007	0.44	56379205	0.43	54205952	0.47	-3.85
Alumina	60483412	0.59	102946451	0.79	49829389	0.43	-51.60
Manganese Ore	50633963	0.49	48484512	0.37	41282102	0.36	-14.86
Precious & Semi-precious Stones (cut & uncut):Total	46165232	0.45	48292004	0.37	41191158	0.36	-14.70
Limestone	29016416	0.28	36665169	0.28	37429912	0.33	2.09
Emerald (cut & uncut)	77934747	0.76	36592286	0.28	24403507	0.21	-33.31
Marble	22696788	0.22	20190592	0.16	17923701	0.16	-11.23
Asbestos	11603678	0.11	12253120	0.09	12432335	0.11	1.46
Bauxite	7727097	0.08	13364138	0.10	10817757	0.09	-19.05
Molybdenum Ores & Conc.	8149458	0.08	13606784	0.10	9809779	0.09	-27.91
Magnesite	5268655	0.05	11120844	0.09	9468162	0.08	-14.86
Iron Ore	42293970	0.41	59136712	0.46	9409772	0.08	-84.09
Gypsum	8254197	0.08	9473422	0.07	8415197	0.07	-11.17
Sulphur (exc. sublimed precipitated & colloidal)	10628788	0.10	15219696	0.12	8239655	0.07	-45.86
Fluorspar	3958978	0.04	7281830	0.06	7225936	0.06	-0.77
Dolomite	5636086	0.05	6743267	0.05	6555288	0.06	-2.79
Other Minerals	37967356	0.37	42399591	0.33	38298513	0.33	-9.67

Source: DGCI&S, Kolkata

FOREIGN TRADE

**Table- 10 : Value of Imports of Ores & Minerals(including Re-import), 2017-18 to 2019-20
(By Principal Countries)**

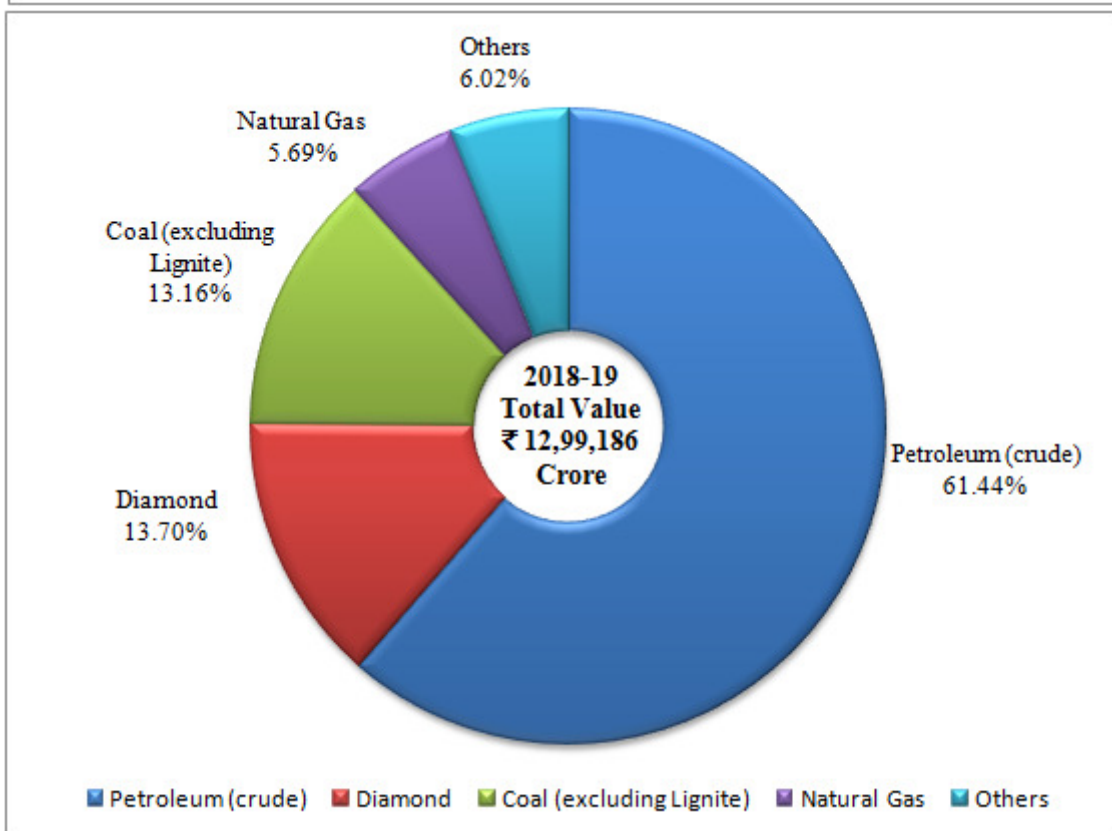
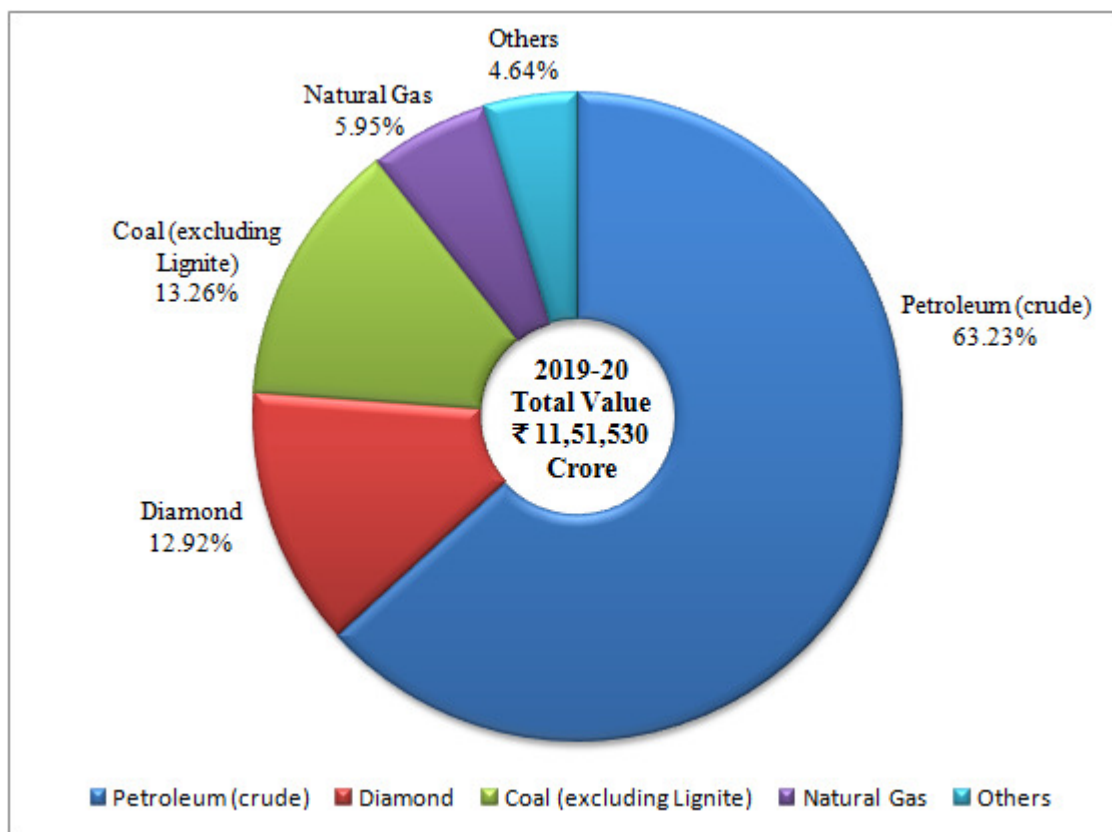
Country	2017-18		2018-19		2019-20 (P)		% increase (+) or decrease (-) in 2019-20 over 2018-19
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Countries	10285285803	100.00	12991864212	100.00	11515303020	100.00	-11.37
Iraq	1129911533	10.99	1558441338	12.00	1613786345	14.01	3.55
Saudi Arabia	992088648	9.65	1503843214	11.58	1446490895	12.56	-3.81
UAE	731980903	7.12	1149114932	8.84	1242431153	10.79	8.12
USA	188288593	1.83	822173565	6.33	806756879	7.01	-1.88
Nigeria	599849451	5.83	744982826	5.73	711621878	6.18	-4.48
Australia	692505492	6.73	772386316	5.95	579300066	5.03	-25.00
Indonesia	449386580	4.37	546544895	4.21	485969388	4.22	-11.08
Venezuela	377510453	3.67	507311112	3.90	427605020	3.71	-15.71
Qatar	350050953	3.40	465533601	3.58	414677870	3.60	-10.92
Belgium	264008666	2.57	463567546	3.57	362970553	3.15	-21.70
Kuwait	340921925	3.31	380661265	2.93	342816907	2.98	-9.94
South Africa	275523388	2.68	264851177	2.04	285908141	2.48	7.95
Angola	278148618	2.70	279398905	2.15	257426728	2.24	-7.86
Russia	348708258	3.39	182165011	1.40	242618164	2.11	33.19
Mexico	180728161	1.76	299027481	2.30	235589576	2.05	-21.21
Hong Kong	273809176	2.66	286504030	2.21	234382029	2.04	-18.19
Kazakhstan	46874500	0.46	37017910	0.28	152715241	1.33	312.54
Malaysia	98870939	0.96	186249654	1.43	127928666	1.11	-31.31
Algeria	62896825	0.61	93014543	0.72	118040692	1.03	26.91
Canada	136647930	1.33	101946332	0.78	108498293	0.94	6.43
Oman	180166787	1.75	110253275	0.85	102239807	0.89	-7.27
Egypt	64237774	0.62	77403890	0.60	95506536	0.83	23.39
Brazil	145501459	1.41	136281786	1.05	84781545	0.74	-37.79
Iran	582948443	5.67	846013371	6.51	71171344	0.62	-91.59
Turkey	28575680	0.28	83538065	0.64	68803214	0.60	-17.64
Equitl Guinea	48501736	0.47	43959177	0.34	67957387	0.59	54.59
Singapore	18012362	0.18	75807154	0.58	67570527	0.59	-10.87
Chile	116665347	1.13	61098271	0.47	59936478	0.52	-1.90
Botswana	105556669	1.03	68085363	0.52	52770671	0.46	-22.49
Israel	66053226	0.64	62716248	0.48	45985748	0.40	-26.68
Cameroon	9936964	0.10	21875052	0.17	44675269	0.39	104.23
Mozambique	51675009	0.50	61661952	0.47	42250357	0.37	-31.48
Brunei	27983827	0.27	41031826	0.32	41534342	0.36	1.22
Congo P. Rep.	6406016	0.06	24307909	0.19	39805442	0.35	63.76
China	60642477	0.59	83538503	0.64	31195013	0.27	-62.66
Other countries	953711037	9.27	549556716	4.23	401584855	3.49	-26.93

Source: DGCI&S, Kolkata

Note: Total may not tally due to rounding off

FOREIGN TRADE

Value of Imports of Ores & Minerals, 2018-19 and 2019-20
(By Principal Minerals)



Metals & Alloys

The value of imports of metals & alloys at ₹ 4,16,727 crore showed a decrease of 12.79% in 2019-20 as compared to ₹ 4,77,843 crore in the previous year. The share of metals & alloys in the total value of all merchandise imported to India was about 12.39 % in 2019-20.

Gold non-monetary & monetary (total) with a share of 47.81% continued to occupy the top position in the total value of imports of metals and alloys in 2019-20. Iron & steel is placed in the second position and accounted for share of 24.33%, copper & alloys including brass & bronze occupied the third place with a share of 8.67% and aluminium & alloys including scrap occupied the fourth place with a share of 7.46% . Next in the order were silver with 4.6% followed by ferro-alloys, Nickel and Alloys incl. scrap, Lead and alloys incl. scrap, zinc & alloys including scrap, with 1.52%, 1.33%, 1.2% and 1.11% respectively. The individual share of remaining metals was less than one per cent of the total value of metals & alloys.

The value of imports of the metals & alloys that showed significant growth included Platinum Alloys & Related metals with 40.77% in 2019-20 as compared to that in the previous year. On the other hand, during 2019-20, the value of imports of metals and alloys that showed a declining trend as compared to the previous year was mainly in the case of pig & cast iron (incl. speigeliessen) (30.08%), silicon (29.07%), other metals & Alloys (27.52%), silver (26.83%) and manganese & alloys (incl. waste & scrap) (19.39%).

India imported metals & alloys from various countries in 2019-20. Bulk of the metals and alloys having share of more than 1% of the total value were imported from 22 countries which accounted for 86.05% of the total value of metals & alloys imported in 2019-20. Switzerland occupied the top

position with a share of 24.95% of the total value of metal imports in 2019-20 followed by UAE in second place with a share of 7.45%. The countries next in order were China in third place with a share of 7.16%, followed by Republic of Korea 4th place with 5.86% and USA was at the 5th place with shares of 5.63%. The other countries with share more than 2% include UK (3.98%), South Africa (3.23%), Malaysia (2.47%), Peru (2.44%), Hong Kong (2.39%) and Ghana (2.22%). The contribution with share less than 2% but more than 1% include Indonesia (1.97%), Singapore (1.51%), Germany (1.5%), Bolivia (1.44%), Vietnam & Thailand (1.43% each), Australia (1.25%), Zambia (1.24%), Saudi Arabia (1.18%) and Tanzania (1.06%). The remaining countries are those with a share less than one per cent.

During the year under review, imports in terms of value from Argentina increased by manifold (3542.91%) and for many other countries imports value rose up more than 100%, for instance, Poland 147.38% and Mexico 140.55%. The other countries which recorded significant positive growth in imports include Zambia 73.01%, Indonesia 42.13% and Saudi Arabia 40.21% as compared to previous year. On the other hand, the value of imports of metals & alloys showed a declining trend in the case of many countries, prominent among them were Ghana 56.55%, Burkina Faso 37.87%, Qatar 37.01%, Dominican Republic 36.26%, Peru 34.25%, Taiwan 32.12%, Australia 31.13%, Russia 29.92%, Bahrain 28.51%, Hong Kong 27.95%, Brazil 26.3%, Singapore 25.29%, Turkey 23.36%, UK 23.05%, Other countries 21.52% and Netherlands 19.74%. Imports of selected mineral-based products during 2017-18 to 2019-20 are furnished in Table-14. Value of imports of selected mineral-based products at ₹ 1,54,150 crore in the year 2019-20 registered an increase of 5.68% as compared to that of ₹ 1,45,864 crore in the previous year.

FOREIGN TRADE

Table-11: Imports of Metals and Alloys 2017-18 to 2019-20

(Value in ₹ '000)

Metals & Alloys	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Metals & Alloys		**	4118255871	**	4778433032	**	4167271173
Aluminium & Alloys Incl. Scrap	tonne	1957744	291546613	2317668	381662640	2152466	310945514
Antimony Alloys & Scrap	tonne	1343	737085	1177	673155	1465	660698
Bismuth & Scrap	tonne	271	205697	260	192644	193	107725
Boron	tonne	1	7700	++	3315	++	2192
Cadmium & Scrap	tonne	6521	800457	8898	1742740	9639	1787948
Chromium Alloys & Scrap	tonne	1087	622047	1268	1031626	1514	923958
Cobalt Alloys & Scrap: Total	tonne	874	3423423	834	4763696	1296	4216989
Cobalt & Alloys	tonne	874	3423423	831	4760386	1296	4216989
Cobalt & Scrap	tonne	-	-	3	3310	-	-
Copper & Alloys (incl. brass & bronze): Total	tonne	710254	290730497	839517	368963430	896887	361304795
Brass & Bronze	tonne	31110	14320499	29961	16093222	23564	12369096
Brass & Bronze (scrap)	tonne	128594	34908094	132415	41057176	144125	39170228
Copper & Alloys	tonne	504714	224760485	597928	287265270	616550	280500298
Copper (scrap)	tonne	45836	16741419	79213	24547763	112713	29265173
Copper Alloys & Scrap	tonne	-	-	-	-	-	-
Copper (cement copper precipitated)	tonne	-	-	-	5	++	763
Ferro alloys : Total	tonne	544266	66167630	508009	75734229	483129	63432055
Ferroboration	tonne	1223	165544	1025	181136	1166	190258
Ferrosilicon	tonne	38792	5772152	30817	5594084	29999	3893862
Ferro alloys: charge-chrome	tonne	15468	997215	22081	1446124	5654	328099
Ferromanganese	tonne	123910	9085575	123110	9695114	95708	6607464
Ferromolybdenum	tonne	1754	1607055	2372	3109991	2531	3120809
Ferronickel	tonne	155319	24901797	88321	24319793	113151	25036566
Ferroniobium	tonne	2816	5165316	3176	6022085	2777	5483411
Ferrophosphorous	tonne	3899	92568	3589	102217	2577	71362
Ferrosilicon	tonne	190553	15700333	221510	20909220	215181	16171708
Ferrotitanium	tonne	1963	509722	1378	408958	1158	299794
Ferrotungsten	tonne	3	4746	27	65196	5	9250
Ferrovandium	tonne	717	1489371	714	2881355	596	1143394
Ferrozirconium	tonne	461	57211	297	39969	342	41178
Ferro-silico-chrome	tonne	-	-	29	5221	37	14448
Ferro-silico-magnesium	tonne	1177	110154	2271	243874	3127	294704
Ferro-silico-manganese	tonne	2913	179335	3135	204719	6172	344397
Ferro alloys (Others)	tonne	3299	329538	4157	505175	2948	379605
Ferrocobalt	tonne	-	-	-	-	++	1746
Gold (non-monetary & Monetary):Total	Kg	955336	2170720688	982697	2295364963	719905	1992494951
Gold-non monetary: Total	Kg	955336	2170720688	982697	2295364963	719905	1992494951
Gold,non-monetary, Powder	Kg	1	2262	6	17098	++	471
Gold, non-monetary:Other	Kg	2184	5324599	2756	7387109	1981	6047060
Semi-manufactured forms							
Gold, non-monetary, Other Unwrought Forms	Kg	953151	2165393827	979935	2287960756	717924	1986447420
Gold-Clad Metal/Base Metals Nes	tonne	-	340	-	-	-	270
Iron & Steel : Total		**	868869800	**	1147881239	**	1013874243
Iron & Steel (finished steel Inc. Cr sheet)	tonne	4164483	298309409	4246628	377203641	4024327	358688025
Iron & Steel (semi-finished steel incl. stl ingo)	tonne	3781927	153318563	4130620	205456000	3008461	146062141
Iron & Steel (steel wire)	tonne	230482	19567609	267802	25937468	185204	17301074
Iron & Steel (sponge iron)	tonne	79328	1329360	49064	1000243	65243	1263296
Iron & Steel (scrap)	tonne	5427661	165879000	6883783	256694753	6776686	241791677
Iron & Steel: alloy Steel (granules)	tonne	21116	987972	23478	1268099	20530	1083768

(Contd)

FOREIGN TRADE

(Table-11 conclud)

(Value in ₹ '000)

Metals & Alloys	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
Iron & Steel: alloy Steel (powder)	tonne	3026	464229	4663	840713	3660	579710
Iron & Steel (other finished & Scrap): Total	tonne	**	192386612	**	226803143	**	202486027
Iron & Steel material	tonne	583091	25375958	639656	37058226	527398	31485894
Iron & Steel (stainless steel)	tonne	79480	11251087	97280	15618954	71956	13132631
Lead and alloys & scrap: Total	tonne	351641	52503761	360247	54754913	348743	49923442
Lead & alloys	tonne	253349	40639654	252583	40998157	256132	37990315
Lead (scrap)	tonne	98293	11864107	107664	13756756	92611	11933126
Magnesium & scrap	tonne	25002	3828672	27889	5141750	24681	4508648
Manganese & Alloys (incl waste & scrap): Total	tonne	55820	6878791	45868	7676645	45197	6188385
Manganese & Alloys:(wrought & unwrought)	tonne	55767	6871294	45839	7674482	44581	5882184
Manganese & Alloys Nes	tonne	53	7498	1	993	598	303085
Manganese Waste & Scrap	tonne	-	-	28	1169	17	3116
Mercury	tonne	147	324534	157	704063	129	472838
Molybdenum & Scrap	tonne	393	1197142	493	1698724	430	1545908
Nickel & Alloys Incl. Scrap: Total	tonne	62256	40778026	47229	51678358	48428	55491372
Nickel & Alloys	tonne	58519	39217138	45133	50672255	45299	53854195
Nickel (scrap)	tonne	3737	1560888	2095	1006103	3129	1637176
Other Rare Metals Nes	tonne	413	966031	300	1469541	151	464965
Pig & Cast Iron Incl. Spiegeliesen	tonne	64222	4325787	73260	5175321	47748	3618538
Platinum Alloys & Related Metals	kg	12090	22710829	8876	18334591	9299	25809819
Platinum (Powder, Unwrought & Others)	kg	6803	13342862	4859	9548458	4705	10157861
Other Metals of Platinum Group	kg	5287	9367967	4017	8786133	4594	15651957
Platinum-clad base / Precious Metal	kg	25	5375	5	14391	6	14483
Precious Metals / Metals Clad With Precious Metals	tonne	1	517719	214	900854	114	482326
Selenium	tonne	254	585921	375	936736	575	708677
Silicon	tonne	83115	7080883	64287	8653014	55224	6137457
Silver	tonne	5879	207248885	7474	261886338	5422	191617871
Silver-clad base Metal	kg	216	2740	7503	112776	574	5565
Tantalum & Scrap: Total	tonne	5	104057	4	139944	2	83354
Tantalum Alloys Unwrought	tonne	5	104002	4	139366	2	83354
Tantalum & Scrap	tonne	++	55	++	578	-	-
Tellurium	tonne	3	13734	5	31337	3	23333
Tin & Alloys (Incl. scrap): Total	tonne	12202	15775528	11262	15780750	11747	15254406
Tin Alloys	tonne	11987	15647701	10907	15550619	11225	14998806
Tin & Alloys Worked	tonne	214	127648	354	229740	522	255515
Tin (Scrap)	tonne	++	179	1	390	++	86
Titanium & Alloys (incl. waste & scrap)	tonne	4395	4466985	7657	7031699	8348	7448532
Tungsten and Alloys (incl. scrap)	kg	465223	1718857	399205	1726276	385732	1467498
Zinc and Alloys (incl. scrap)	tonne	272775	53324303	278089	56463016	249506	46153995
Zinc & Alloys	tonne	19602	40230229	184255	40200060	173999	34384919
Zinc (scrap)	tonne	81173	13094074	93834	16262956	75507	11769076
Zirconium & Scrap	tonne	20	65331	61	108309	41	97661

Source: DGCI & S, Kolkata

** Quantity not additive

FOREIGN TRADE

**Table-12: Value of Imports of Metals and Alloys, 2017-18 to 2019-20
(By Principal Metals & Alloys)**

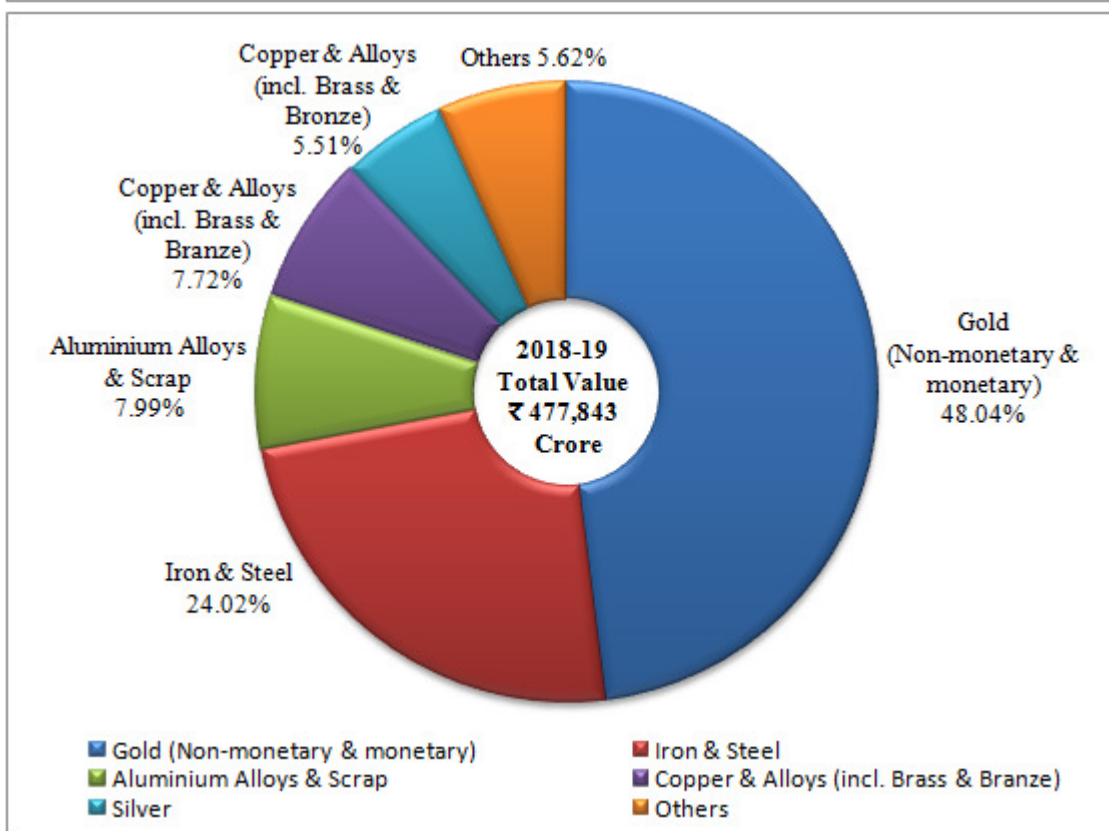
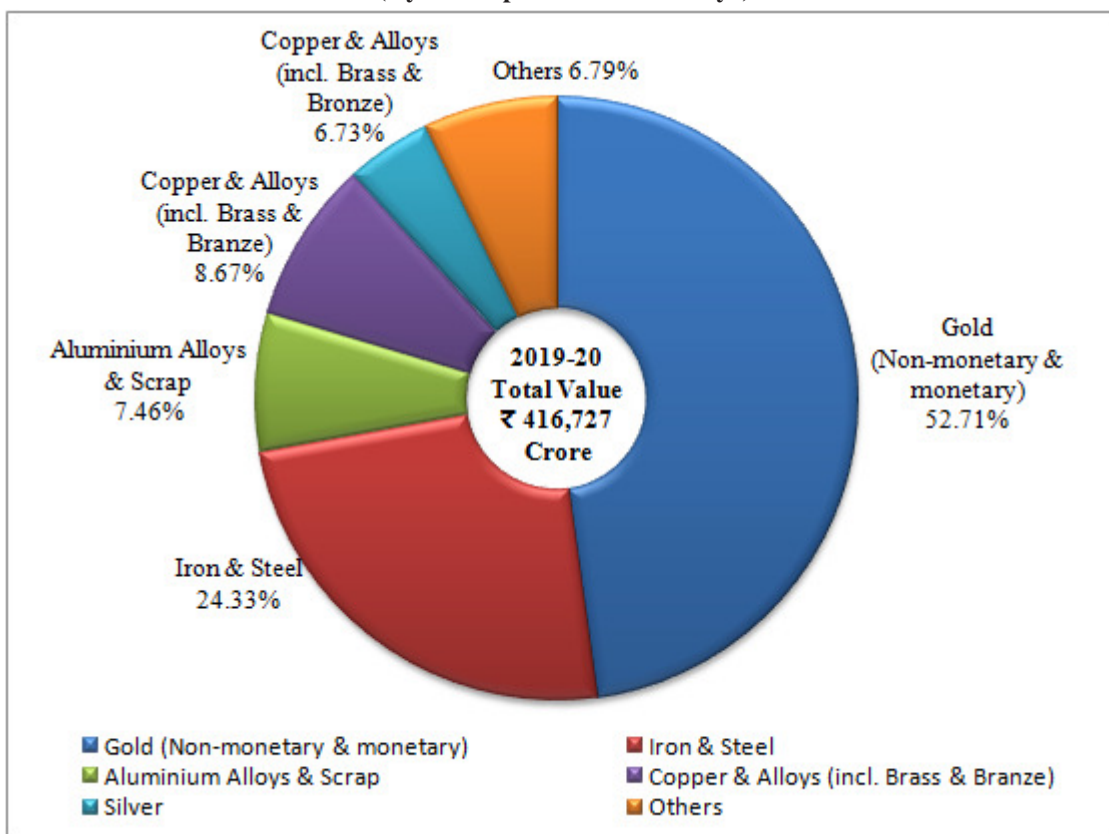
Metals & Alloys	2017-18		2018-19		2019-20 (P)		% increase (+) or decrease (-) in 2019-20 over 2018-19
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Metals & Alloys	4118255871	100.00	4778433032	100.00	4167271173	100.00	-12.79
Gold (non-monetary & monetary):Total	2170720688	52.71	2295364963	48.04	1992494951	47.81	-13.19
Iron & Steel	868869800	21.10	1147881239	24.02	1013874243	24.33	-11.67
Copper & Alloys (incl. brass & bronze)	290730497	7.06	368963430	7.72	361304795	8.67	-2.08
Aluminium And Alloys Incl. Scrap	291546613	7.08	381662640	7.99	310945514	7.46	-18.53
Silver	207248885	5.03	261886338	5.48	191617871	4.60	-26.83
Ferroalloys	66167630	1.61	75734229	1.58	63432055	1.52	-16.24
Nickel and Alloys Incl. Scrap	40778026	0.99	51678358	1.08	55491372	1.33	7.38
Lead and Alloys Incl. Scrap	52503761	1.27	54754913	1.15	49923442	1.20	-8.82
Zinc and Alloys Incl. Scrap	53324303	1.29	56463016	1.18	46153995	1.11	-18.26
Platinum Alloys & Related Metals	22710829	0.55	18334591	0.38	25809819	0.62	40.77
Tin and Alloys Incl. Scrap	15775528	0.38	15780750	0.33	15254406	0.37	-3.34
Titanium & Alloys (incl. waste & scrap)	4466985	0.11	7031699	0.15	7448532	0.18	5.93
Manganese & Alloys (incl. waste & scrap)	6878791	0.17	7676645	0.16	6188385	0.15	-19.39
Silicon	7080883	0.17	8653014	0.18	6137457	0.15	-29.07
Magnesium & Scrap	3828672	0.09	5141750	0.11	4508648	0.11	-12.31
Cobalt & Alloys (incl. waste and scrap)	3423423	0.08	4763696	0.10	4216989	0.10	-11.48
Pig & Cast Iron (incl. speigeliessen)	4325787	0.11	5175321	0.11	3618538	0.09	-30.08
Cadmium (incl. waste & scrap)	800457	0.02	1742740	0.04	1787948	0.04	2.59
Other Metals & Alloys	7074311	0.17	9743698	0.20	7062215	0.17	-27.52

Source: DGCI&S, Kolkata.

Note: Total may not tally due to rounding off

FOREIGN TRADE

Value of Imports of Metals and Alloys, 2018-19 and 2019-20
(By Principal Metals & Alloys)



FOREIGN TRADE

**Table-13: Value of Imports of Metals and Alloys, 2017-18 to 2019-20
(By Principal Countries)**

Country	2017-18		2018-19		2019-20 (P)		% increase (+) or decrease (-) in 2019-20 over 2018-19
	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	Value (₹'000)	% share in total value	
All Countries	4118255871	100.00	4778433032	100.00	4167271173	100.00	-12.79
Switzerland	1114508186	27.06	1090727134	22.83	1039728486	24.95	-4.68
UAE	336952006	8.18	342508390	7.17	310559142	7.45	-9.33
China	307808170	7.47	366989177	7.68	298228265	7.16	-18.74
Korea, Rep of.	226904244	5.51	279781283	5.86	244310291	5.86	-12.68
USA	214799810	5.22	288016627	6.03	234443282	5.63	-18.60
Japan	116373178	2.83	166052256	3.48	177505751	4.26	6.90
UK	101111507	2.46	215555186	4.51	165877333	3.98	-23.05
South Africa	113302141	2.75	128046778	2.68	134464816	3.23	5.01
Malaysia	93012040	2.26	115338848	2.41	102730917	2.47	-10.93
Peru	115155145	2.80	154326612	3.23	101475205	2.44	-34.25
Hong Kong	142925738	3.47	138065293	2.89	99480101	2.39	-27.95
Ghana	156949049	3.81	213179651	4.46	92620018	2.22	-56.55
Indonesia	57134086	1.39	57631635	1.21	81912367	1.97	42.13
Singapore	32257202	0.78	84318118	1.76	62990591	1.51	-25.29
Germany	64011816	1.55	74836629	1.57	62665929	1.50	-16.26
Bolivia	42793251	1.04	59668343	1.25	59810122	1.44	0.24
Vietnam	61310779	1.49	70683743	1.48	59711984	1.43	-15.52
Thailand	42039242	1.02	69552077	1.46	59629962	1.43	-14.27
Australia	79241938	1.92	75820396	1.59	52218417	1.25	-31.13
Zambia	57817173	1.40	29876802	0.63	51689929	1.24	73.01
Saudi Arabia	32911112	0.80	34973755	0.73	49037682	1.18	40.21
Tanzania	39058739	0.95	50476249	1.06	44347946	1.06	-12.14
Netherlands	25217673	0.61	47653367	1.00	38247054	0.92	-19.74
Burkina Faso	34642357	0.84	56342242	1.18	35007113	0.84	-37.87
Brazil	33801962	0.82	47147056	0.99	34749039	0.83	-26.30
Italy	22542003	0.55	31991085	0.67	33425419	0.80	4.48
Belgium	14929181	0.36	29391731	0.62	30976136	0.74	5.39
Colombia	21286568	0.52	27590656	0.58	30839216	0.74	11.77
Russia	48331622	1.17	40707029	0.85	28529354	0.68	-29.92
Dominican Republic	40828915	0.99	39177621	0.82	24973190	0.60	-36.26
France	21343603	0.52	20372206	0.43	19939367	0.48	-2.12
Taiwan	23317705	0.57	28076439	0.59	19057272	0.46	-32.12
Canada	14638840	0.36	16741185	0.35	18375714	0.44	9.76
Guinea	27077060	0.66	21179473	0.44	17919212	0.43	-15.39
Argentina	242165	0.01	429647	0.01	15651644	0.38	3542.91
Sweden	11523937	0.28	16144245	0.34	14422669	0.35	-10.66
Mexico	4498556	0.11	5782994	0.12	13911136	0.33	140.55
Poland	5264822	0.13	5293410	0.11	13094705	0.31	147.38
Bhutan	8368637	0.20	11068697	0.23	11487854	0.28	3.79
Spain	10025657	0.24	9735261	0.20	10644560	0.26	9.34
Norway	9046915	0.22	8793979	0.18	9349400	0.22	6.32
Kuwait	7455573	0.18	10578161	0.22	9173989	0.22	-13.27
Qatar	11864084	0.29	13979084	0.29	8805052	0.21	-37.01
Turkey	10359063	0.25	10886249	0.23	8342993	0.20	-23.36
Bahrain	12176455	0.30	11597367	0.24	8291277	0.20	-28.51
Other countries	151095964	3.67	161348867	3.38	126619271	3.04	-21.52

Source: DGCI & S, Kolkata

Note: Total may not tally due to rounding off

FOREIGN TRADE

Table- 14 : Table-14: Imports of Selected Mineral-based products, 2017-18 to 2019-20

(Value in ₹ '000)

Mineral-based Product	Unit	2017-18		2018-19		2019-20 (P)	
		Quantity	Value	Quantity	Value	Quantity	Value
All Item		**	1157374420	**	1458643230	**	1541499119
Aluminium Fluoride	tonne	49758	2907545	62374	5607484	40362	3791020
Asbestos Cement Products	tonne	29031	535897	29358	592294	25009	570692
Asbestos Fibre Products	tonne	4477	2994153	4425	3605942	3580	2740751
Bleaching Powder	tonne	1	362	29	4574	17	2779
Boric Acid	tonne	7413	304861	6535	284859	4826	210516
Briquets of Coke, Semi-coke of Coal	tonne	1	237	1	1440	-	2236
Calcium Carbide	tonne	55651	2394099	45321	2155385	31218	1450666
Caustic Soda	tonne	421298	15338168	208267	7992697	309345	8798198
Cement : Total	tonne	2618049.3	10412284	2261590.3	9834409	2214478.6	9003783
Cement (others)	tonne	305907	2024154	226890	1812970	230949	1922701
Cement (portland grey)	tonne	1390672	5529313	1195645	4882590	372431	1757397
Cement (portland white)	tonne	72149	321795	62643	500255	148099	1115330
Cement Clinker	tonne	849321	2537022	776413	2638595	1462999	4208355
Cryolite And Chiolite	tonne	8293	240861	1898	117503	2763	129330
Graphite (artificial)	tonne	67222	6250256	68288	6739304	47512	4870672
Graphite Bricks & Shapes	tonne	811	86383	9	10434	9408	16171
Graphite Crucibles	tonne	25	4023	79	10195	1	2573
Hydrofluoric Acid	tonne	248	30825	391	42198	969	89459
Manganese Oxide: Total	tonne	14663	1073811	23977	1445933	18239	1325709
Manganese Dioxide	tonne	7761	771226	9164	892943	10607	963138
Manganese Oxides (other than Mn Dioxide)	tonne	6902	302585	14813	552990	7632	362571
Petroleum Products: Total*	'000 tonne	35461	883740000	33348	1136650000	NA	1257420000
Non-Ferrous Ash & Residues	tonne	74355	3673001	63485	3951391	24949	2566896
Other Refractory Manufactures	tonne	164609	3449268	19065	4846565	24682	4682880
Phosphoric Fertilizers	tonne	123	20477	2559	99988	16	2324
Phosphoric Acid	tonne	2961668	111954690	2773556	147391854	2501092	119766817
Phosphorus (elemental)	tonne	30640	5407470	40080	7954161	33751	6552642
Potash Fertilizer	tonne	5114248	78745036	4576732	86989503	4040269	83239621
Potassium Nitrate	tonne	108	9520	92	11722	208	34447
Refractory Bricks	tonne	187359	12163026	191664	12911024	409154	14567881
Silicon Carbide Crucibles	tonne	125	21681	48	8627	63	20743
Slag (dross etc. from iron & steel exc. granu)	tonne	171471	1026483	136421	1131820	64675	527863
Soda Ash	tonne	772622	11175651	840591	14490003	847704	15251458
Sodium Nitrate	tonne	211	7604	350	17377	677	22798
Sodium Nitrite	tonne	21163	829329	18572	812045	16616	631340
Sulphur (sublimed ppt. & collodial): Total	tonne	467	56993	161	25154	753	42667
Sulphur (colloidal)	tonne	83	11122	61	10959	53	8730
Sulphur Precipitated	tonne	47	6791	27	3908	529	9532
Sulphur Sublimed	tonne	337	39080	73	10287	171	24405
Titanium Oxide & Dioxide: Total		13786	2520426	14649	2907346	16591	3164189
Titanium Oxides	tonne	84	43348	104	38711	175	81655
Titanium Oxide (Other than Titanium Dioxides)	tonne	13701	2477078	14546	2868635	16416	3082534

Source: 1) DGCI & S, Kolkata

*Indian Petroleum & Natural Gas Statistics published by Ministry of Petroleum & Natural Gas

** : Quantity not additive

Note: Total may not tally due to rounding off