

Commodity EXIM Report **DGCI & S, I T J Division**

The weekly EXIM Report published by ITJ Division of DGCI&S, Kolkata presents some basic insights into India's export and import trade patterns w.r.t. selected set of commodities identified each week in order to facilitate preliminary commodity group/sector specific analysis for better policy making.

2. For both categories of trades, one commodity group is chosen from the entire ITC-HS 4 digit Classification (latest being 2022 classification system). The Indian Trade Classification based on Harmonized System has been adopted in India for Export and Import Operations. While India specific data is sourced from DGCI&S, M/o C & I Database, global export-import data of exactly those sets of commodities are sourced from UN-COMTRDADE Database.

3. As regards the time-period, this report outlines trade statistics over a period of four years. Currently (for reports being prepared in CY 2024) we are considering the time-period of 2020-2023(Calendar year data). The latest finalized data available on the UN Comtrade Database is only up to year 2022 and on the DGCI&S Database up to December,2023. So, for each commodity group dealt in this report, trends from 2019 to 2022 have been showcased where data has been sourced from UN Comtrade and from 2020 to 2023 when sourced from DGCI&S database; however, for computation of commodity group's share in India's overall export basket and import basket we have had to use FY (financial year) data as all aggregate level data in India are represented in FY format.

4. In the instant report [3rd weekly Commodity Exim Report of March,2024 dated 20th March,2024] the following two commodities have been dealt with.

Export: Unwrought Aluminium (ITCHS Code – 7601) - In FY 2023-2024 (April –December'23) this commodity group has 1.08% share in India's total Export value basket as per DGCI&S data base. India had occupied the 7th slot in export of this commodity with (2987.83 million USD) with 3.26% share of total global exports in the year 2022.

Import : Electrical Transformers, Static Electrical Converters and Inductors [ITCHS Code – 8504] - In FY 2023-2024(April - December'23) this commodity group had share of 0.47% in India's total Import value basket as per DGCI&S data base. India having 2% share of total global imports of this commodity occupied the 13th slot globally in the 2022..

EXPORT

Unwrought Aluminium classified as H.S. Code – 7601 falls under Chapter -76 (Iron and steel) of Section XV (Base Metals and Articles of Base Metal) of ITC-HS classification.

India is engaged in the process of exporting this commodity and in 2023-2024 FY this commodity group has so far (April-December, 2023) had 1.08% share in India's total Export value basket as per DGCI&S data base.

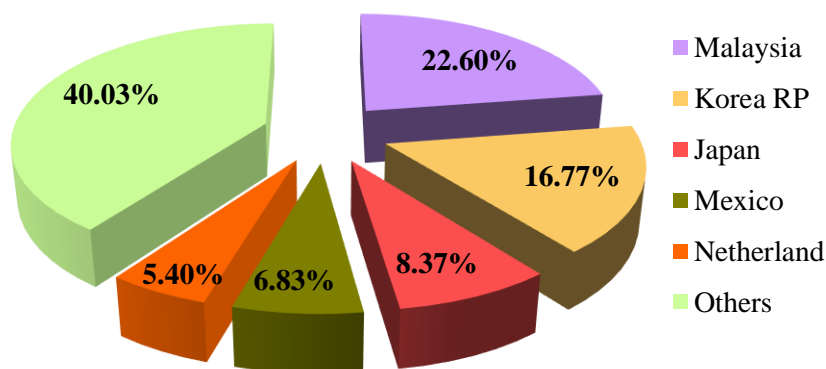
Table - 1
India's Top 10 destination for export of Unwrought Aluminium (H.S Code-7601)

Rank	Countries	2020		2021		2022		2023	
		Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)
1.	Malaysia	1332.28	33.59	358.40	5.11	590.44	7.87	1076.14	22.60
2.	Korea RP	1066.33	26.88	1243.01	17.74	1154.43	15.39	798.57	16.77
3.	Japan	98.99	2.50	269.84	3.85	294.30	3.92	398.35	8.37
4.	Mexico	83.35	2.10	405.13	5.78	531.99	7.09	325.01	6.83
5.	Netherland	35.93	0.91	125.83	1.80	987.64	13.17	257.07	5.40
6.	China	277.22	6.99	1258.99	17.97	362.74	4.84	218.78	4.60
7.	Italy	56.29	1.42	377.19	5.38	433.58	5.78	200.18	4.20
8.	Taiwan	162.23	4.09	202.97	2.90	219.27	2.92	195.49	4.11
9.	Vietnam	42.04	1.06	218.09	3.11	256.03	3.41	191.63	4.03
10.	Turkey	14.14	0.36	658.41	9.40	494.31	6.59	177.40	3.73
	Others	797.69	20.11	1889.23	26.96	2175.92	29.01	922.10	19.37
	Total	3966.49	100	7007.09	100	7500.66	100	4760.72	100

Source: DGCI&S, Ministry of Commerce & Industry

Note: India's Export includes re-export also

India's top 5 destinations of Unwrought Aluminium by percentage share in 2023



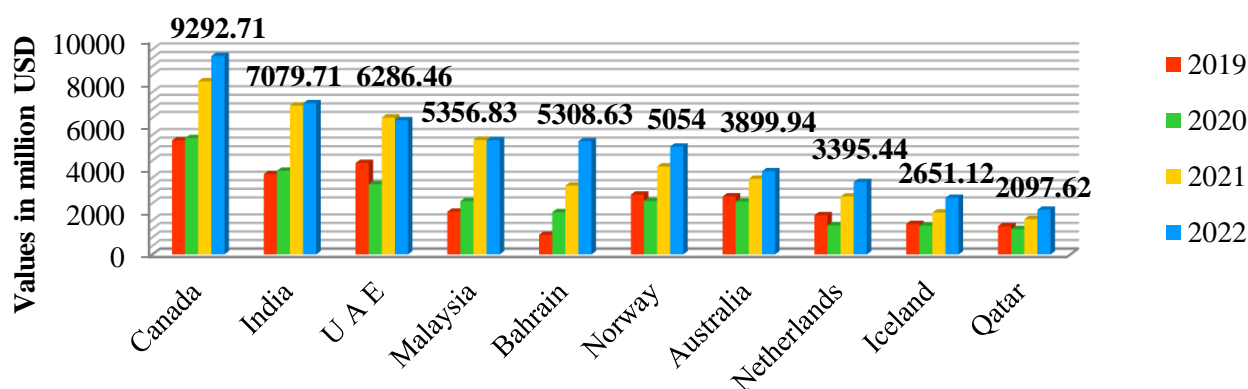
In the year 2023 (Calendar Year) India had exported Unwrought Aluminium worth of US \$ 4760.72 million and registered a decrease of 36.53% compared to 2022 figures of US \$ 7500.66 million. Malaysia (importing US\$ 1076.14 million worth of goods in this segment from India) has held the top slot as an export destination in this segment with 22.60% share of India's total exports of Unwrought Aluminium recorded for the 2023. In second and third place were Korea Rp (US\$ 798.57 million) and Japan (US\$ 398.35 million) to where India exported around 16.77% and 8.37% share of total Unwrought Aluminium respectively in 2023. Over the period under review India's imports in this segment has steadily been rising from 2020 till 2022 with a major leap in 2021 vis-a-vis 2020 levels (just after the pandemic effect) and then a major dip in 2023.

Table-2
World's Top 10 exporters of Unwrought Aluminium (H.S Code-7601)

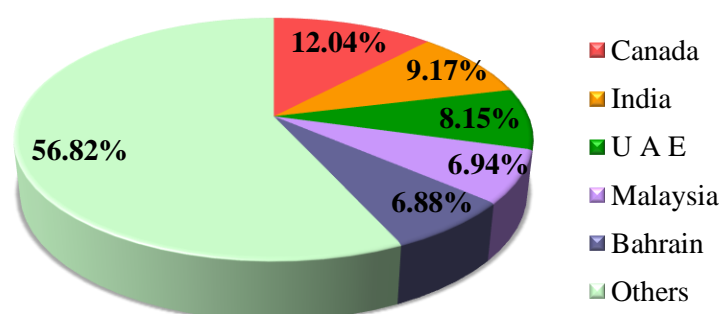
Rank	Countries	2019		2020		2021		2022	
		Value (million \$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)
1.	Canada	5345.65	11.28	5449.87	11.96	8108.66	10.86	9292.71	12.04
2.	India	3766.63	7.95	3919.97	8.61	6972.39	9.34	7079.71	9.17
3.	U A E	4289.76	9.05	3293.59	7.23	6411.25	8.58	6286.46	8.15
4.	Malaysia	2002.85	4.23	2497.51	5.48	5363.57	7.18	5356.83	6.94
5.	Bahrain	918.47	1.94	1979.04	4.34	3225.77	4.32	5308.63	6.88
6.	Norway	2803.89	5.92	2503.87	5.50	4122.54	5.52	5054.00	6.55
7.	Australia	2718.91	5.74	2475.07	5.43	3548.16	4.75	3899.94	5.05
8.	Netherlands	1835.65	3.87	1362.87	2.99	2713.66	3.63	3395.44	4.40
9.	Iceland	1428.97	3.02	1348.34	2.96	1965.06	2.63	2651.12	3.44
10.	Qatar	1326.11	2.80	1187.80	2.61	1652.47	2.21	2097.62	2.72
	Others	20937.56	44.20	19534.26	42.88	30597.44	40.97	26746.75	34.66
	Total	47374.44	100	45552.16	100	74680.96	100	77169.21	100

Source: UN Comtrade

World's top 10 exporters of Unwrought Aluminium from 2019 to 2022
Data labels signified only for 2022



World's 5 leading exporters of Unwrought Aluminium by percentage share in 2022:



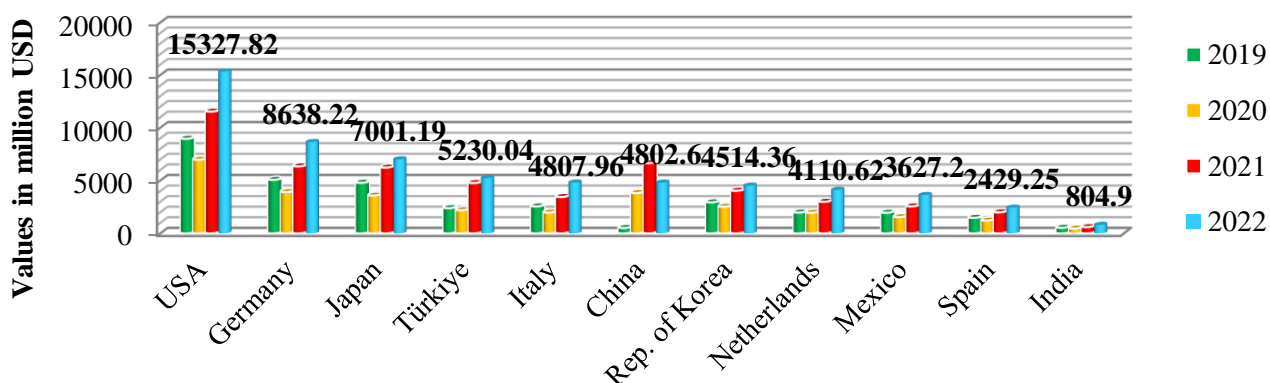
The Unwrought Aluminium exports worldwide was US \$ 77169.21 million in 2022, with a slight increase by 3.33% compared to 2021 levels. Over the period under review, global exports were at record high at US\$ 77169.21 million in 2022. **India** (exporting goods worth a total of US\$ 7079.71 million in this category) with a show of 9.17% share, stood at 2nd slot globally, followed next by UAE (US\$ 6286.46 million). The lead Exporter in this segment has persistently been Canada (exporting goods worth a total of US\$ 9292.71 million) with 12.04% share of world export in 2022. India's share in global exports of this commodity had gradually been rising.

Table-3
World's top 10 Importers of Unwrought Aluminium (H.S Code-7601)

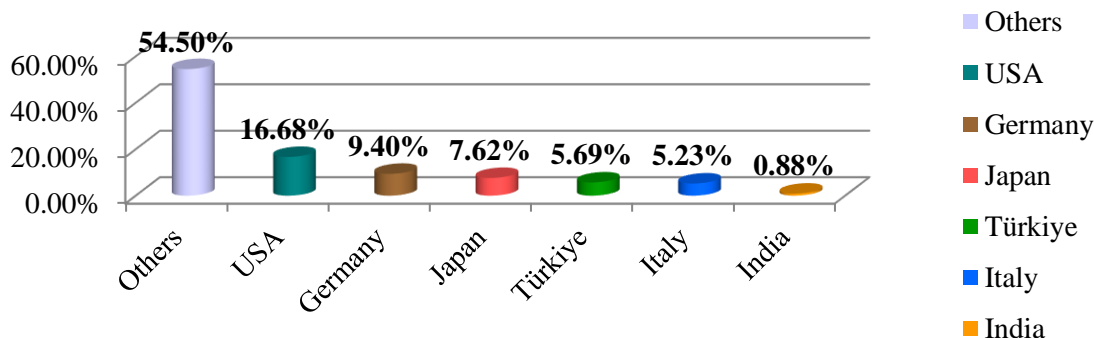
Rank	Countries	2019		2020		2021		2022	
		Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)
1.	USA	8954.04	16.95	6973.44	14.25	11538.57	14.88	15327.82	16.68
2.	Germany	5076.88	9.61	3908.37	7.99	6345.56	8.18	8638.22	9.40
3.	Japan	4790.82	9.07	3582.81	7.32	6229.74	8.03	7001.19	7.62
4.	Türkiye	2391.70	4.53	2199.42	4.49	4773.02	6.15	5230.04	5.69
5.	Italy	2561.97	4.85	1974.20	4.03	3451.64	4.45	4807.96	5.23
6.	China	519.95	0.98	3817.82	7.80	6656.99	8.58	4802.60	5.23
7.	Rep. of Korea	2944.24	5.57	2527.21	5.16	4040.36	5.21	4514.36	4.91
8.	Netherlands	1977.75	3.74	1954.20	3.99	2997.36	3.86	4110.62	4.47
9.	Mexico	1958.06	3.71	1544.94	3.16	2564.48	3.31	3627.20	3.95
10.	Spain	1478.89	2.80	1219.41	2.49	1999.86	2.58	2429.25	2.64
25.	India	537.69	1.02	463.74	0.95	604.39	0.78	804.90	0.88
	Others	19631.71	37.16	18778.61	38.37	26357.37	33.98	30618.68	33.31
	Total	52823.72	100	48944.16	100	77559.32	100	91912.82	100

Source: UN Comtrade

Top 10 Importers of Unwrought Aluminium globally from 2019 to 2022
Data labels signified only for 2022



World's 5 leading importers of Unwrought Aluminium by percentage share in 2022

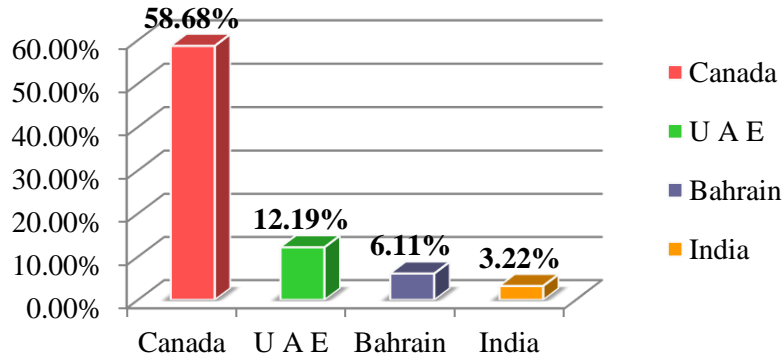


The Unwrought Aluminium imports worldwide was US\$ 91912.82 million in 2022, increasing by 18.51% from 2021 levels. The lead importers in this segment in 2022 had been USA (16.68%), Germany (9.40%) and Japan (7.62%). **India** with a show of 0.88% share in this segment, stood at 25th slots globally. Global import value in this segment had declined in 2020 compared to the year 2019 and then steadily increased till 2022 with a major leap in 2021.

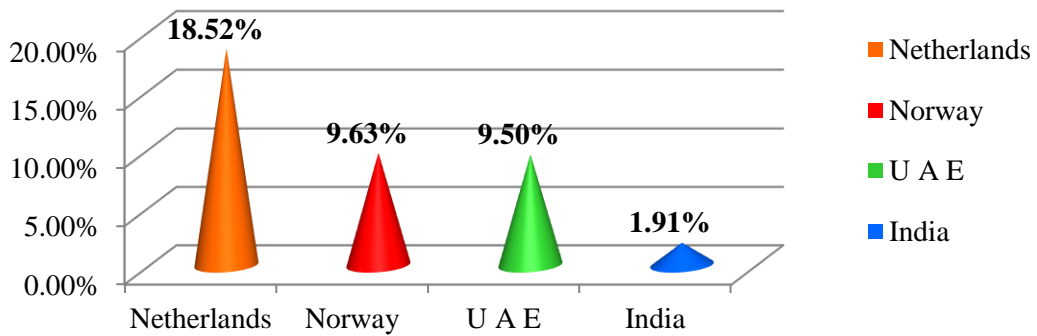
As review of UN Comtrade database shows major difference between global exports and imports of Unwrought Aluminium. In 2022 global imports exceeded global exports by US\$ 17231.86 million.

As per UN Comtrade database the top 3 importers Unwrought Aluminium globally were USA, Germany and Japan. These 3 countries USA, Germany and Japan had imported 3.22%, 1.91% and 5.15% share of their total import of this commodity from India in 2022 which are presented below :

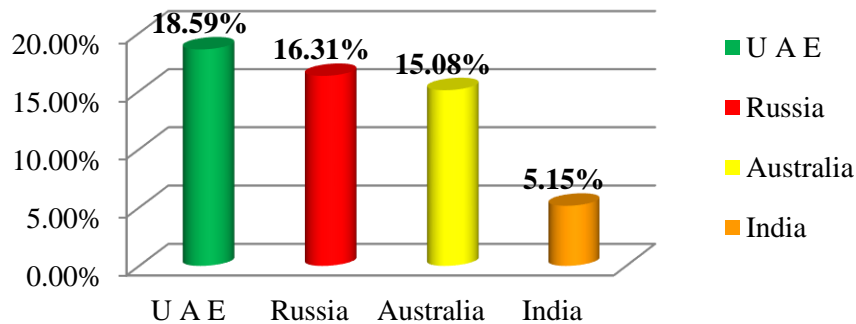
Top 3 supplier nations of Unwrought Aluminium to USA in 2022 (percentage share)



Top 3 supplier nations of Unwrought Aluminium to Germany in 2022 (percentage share)



Top 3 supplier nations of Unwrought Aluminium to Japan in 2022 (percentage share)



IMPORT

Electrical Transformers, Static Converters and Inductors Classified as ITCHS Code-8504 falls under chapter 85 (Electrical machinery and equipment and parts thereof, Sound and TV Recorders and Reproducers & Parts thereof.) of Section-XVI (Machinery and their Parts, Electrical & Electronic Equipments; Parts thereof) of ITCHS Classification. Chapter 85 has emerged as one of dominant chapter in India's export value basket in recent time as a result of targeted policies. However, India imports significant amount of goods under this chapter primarily from China, Hong-Kong, Singapore etc.

India is engaged in the process of importing this commodity and in 2023-2024 (April – December'23) this commodity group had share of 0.47% in India's total Import value basket as per DGCI&S data base.

Table 4
India's Top 10 Sources of Electrical Transformers, Static Converters and Inductors
(HS Code- 8504)

Rank	Countries	2020		2021		2022		2023	
		Value (million \$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)
1.	China	873.81	46.08	1337.46	51.60	1451.48	51.84	1514.48	48.57
2.	Singapore	101.27	5.34	108.92	4.20	163.31	5.83	237.33	7.61
3.	Hong Kong	198.95	10.49	236.43	9.12	216.84	7.74	236.74	7.59
4.	Germany	128.30	6.77	175.95	6.79	191.61	6.84	220.49	7.07
5.	Vietnam	43.26	2.28	68.48	2.64	84.56	3.02	112.38	3.60
6.	Japan	60.70	3.20	90.12	3.48	84.35	3.01	111.30	3.57
7.	Korea RP	44.75	2.36	56.89	2.19	82.06	2.93	107.58	3.45
8.	U S A	65.14	3.43	76.54	2.95	91.94	3.28	90.88	2.91
9.	Taiwan	28.48	1.50	26.35	1.02	34.55	1.23	55.94	1.79
10.	Finland	30.72	1.62	38.56	1.49	41.22	1.47	49.72	1.59
	Others	321.12	16.93	376.30	14.52	358.23	12.79	381.52	12.23
	Total	1896.48	100	2591.98	100	2800.14	100	3118.36	100

Source : DGCI&S, M/o Commerce & Industry

Note: India's Import including re-import

The total amount of India's import of Electrical Transformers, Static Converters and Inductors in 2023 (Calendar year) stood as US\$ 3118.36 million, recording an increase of 11.36% compare the 2022 figures of US\$ 2800.14 million. In 2023 China stood out as the top importing partner in this segment from where India has imported 48.57% share of its total imports of this commodity followed next by Singapore (7.61%) and Hong Kong (7.59%) respectively in 2023. India's import value in this segment has been steadily increasing from US\$ 1896.48 million in 2020 to US\$ 3118.36 in 2023.

Table 5
World's top 10 Importers of Electrical Transformers, Static Converters and Inductors
(HS Code- 8504)

Rank	Countries	2019		2020		2021		2022	
		Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)
1.	USA	15094.40	14.90	16145.72	15.55	18972.20	15.16	23428.79	16.72
2.	China	11729.35	11.58	11554.08	11.13	13619.78	10.88	12168.65	8.68
3.	Germany	7002.48	6.91	7897.78	7.61	10062.37	8.04	11908.95	8.50
4.	Hong Kong	8113.03	8.01	7947.38	7.65	9489.67	7.58	7777.62	5.55
5.	Mexico	3996.45	3.95	3781.29	3.64	4573.65	3.65	5636.13	4.02
6.	Netherlands	3015.48	2.98	3276.52	3.16	4221.04	3.37	5461.56	3.90
7.	Japan	3195.73	3.15	3265.35	3.14	3811.38	3.05	4282.54	3.06
8.	Italy	1846.46	1.82	1837.45	1.77	2599.44	2.08	3797.59	2.71
9.	U K	2321.25	2.29	2159.48	2.08	2479.21	1.98	3685.56	2.63
10.	France	2359.53	2.33	2388.03	2.30	2990.25	2.39	3650.89	2.61
13.	India	2208.20	2.18	1897.19	1.83	2587.97	2.07	2805.07	2.00
	Others	40413.05	39.90	41685.50	40.15	49747.18	39.75	55513.84	39.62
	Total	101295.40	100	103835.76	100	125154.13	100	140117.20	100

Source: UN Comtrade

In 2022, the global imports Electrical Transformers, Static Converters and Inductors amounted to US\$ 140117.20 million, recording a 11.95% rise over 2021 levels. **India** imported US\$ 2805.07 million worth of the commodity in 2022, making it the 13th largest importer of this commodity group world wide with 2% share globally. The lead importers in this segment were USA (16.72%), China (8.68%) and Germany (8.50%) in 2022.
