



## **Indian Trade Journal - Commodity Profile Report**

**Commodity Exim Report for 2<sup>nd</sup> week of November, 2024  
dated 13<sup>th</sup> November, 2024**

### **Export**

**ITCHS 2902 – Cyclic Hydrocarbons**

### **Import**

**ITCHS 8541 - Semiconductor Devices**

## **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 2023-2024 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-Comtrade Database.

3. As regards the time-period, this report outlines trade statistics over a period of four years. Currently (for reports being prepared in FY 2023- 2024) we are considering the time-period of 2020-2021 to 2023-2024(Financial year data). The latest finalized data available on the UN Comtrade Database is only up to year 2023 (Calendar Year) and on the DGCI&S Database up to September,2024. So, for each commodity group dealt in this report, trends from 2020 to 2023 have been showcased where data has been sourced from UN Comtrade and from 2020-2021 to 2023-2024 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 [2<sup>nd</sup> weekly Commodity Exim Report of November,2024 dated 13<sup>th</sup> November, 2024] the following two commodities have been dealt with.

**Export : Cyclic Hydrocarbons [ ITCHS Code –2902 ]** -In FY 2023-2024 this commodity group has 0.41% share in India's total Export value basket as per DGCI&S data base. India had occupied the top slot in export of this commodity (3500.25 million USD) with 46.67% share of total global exports in the year 2023-2024.

**Import : Semiconductor Devices [ ITCHS Code – 8541 ]** –In FY 2023-24 (April 2023 – March,2024) this commodity group had share of 1.18% in India's total Import value basket as per DGCI&S data base. India having 3.99% share of total global imports of this commodity (6753.89 million USD) occupied the 5<sup>th</sup> slot in the world in 2023.

## EXPORT

**Cyclic Hydrocarbons** classified as H.S. Code – 2902 falls under Chapter -29 (Organic chemicals) of Section-VI ( Products of the Chemical or Allied Industries) 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,2023-March,2024) had 0.41% share in India’s total Export value basket as per DGCI&S data base.

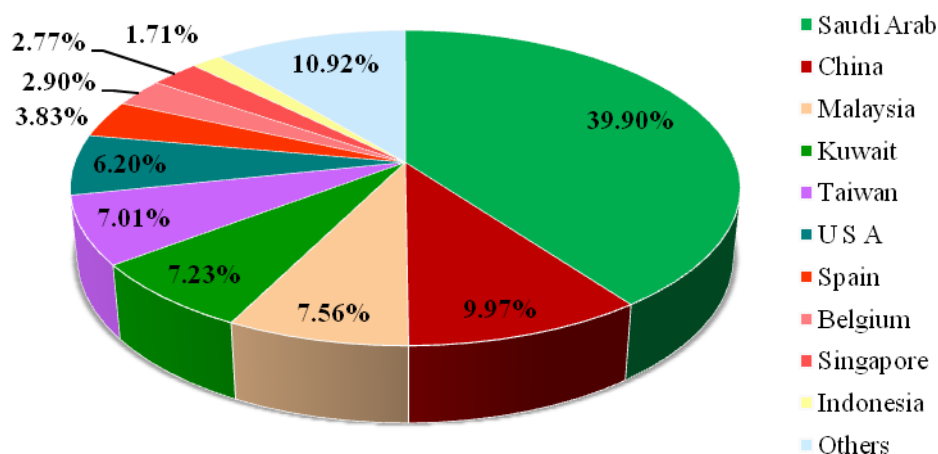
**Table – 1**  
**India’s Top 10 destination of Cyclic Hydrocarbons (HS Code 2902)**

Rank	Countries	2020-2021		2021-2022		2022-2023		2023-2024	
		Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)
1.	Saudi Arab	398.99	15.24	912.21	21.51	913.46	31.51	715.79	39.90
2.	China	956.97	36.56	988.29	23.30	268.39	9.26	178.84	9.97
3.	Malaysia	260.79	9.96	307.71	7.26	389.31	13.43	135.62	7.56
4.	Kuwait	18.32	0.70	89.35	2.11	136.13	4.70	129.63	7.23
5.	Taiwan	57.74	2.21	108.44	2.56	50.83	1.75	125.74	7.01
6.	U S A	200.88	7.67	421.13	9.93	185.88	6.41	111.15	6.20
7.	Spain	90.88	3.47	155.36	3.66	102.67	3.54	68.75	3.83
8.	Belgium	136.08	5.20	326.13	7.69	184.85	6.38	52.10	2.90
9.	Singapore	13.58	0.52	19.24	0.45	43.24	1.49	49.76	2.77
10.	Indonesia	223.52	8.54	260.78	6.15	172.66	5.96	30.72	1.71
	Others	259.78	9.92	652.51	15.39	451.08	15.56	195.99	10.92
	<b>Total</b>	<b>2617.53</b>	<b>100</b>	<b>4241.15</b>	<b>100</b>	<b>2898.51</b>	<b>100</b>	<b>1794.08</b>	<b>100</b>

Source: DGCI&S, Ministry of Commerce & Industry

Note: India’s Export includes re-export also

India’s top 10 destinations of Cyclic Hydrocarbons by percentage share in 2023-2024



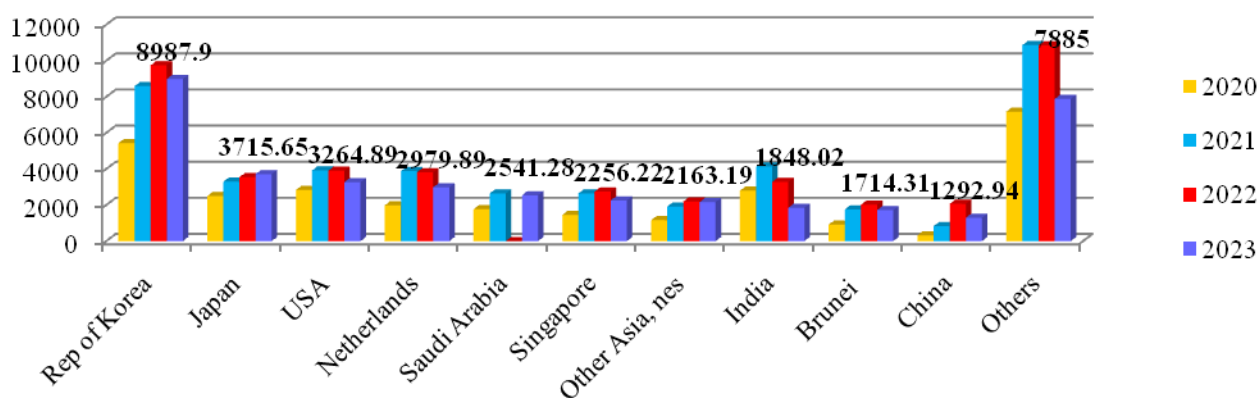
In the year 2023-2024 India has exported Cyclic Hydrocarbons worth of US\$ 1794.08 million and registered a huge decrease of 38.11% compared to 2022-2023 figures of US\$ 2898.51 million. Saudi Arab ( importing US\$ 715.79 million worth of goods in this segment from India) has held the top slot as an export destination in this segment with 39.90% share of India’s total exports of Cyclic Hydrocarbons recorded in 2023-2024. In second and third place were China (US \$ 178.84 million) and Malaysia (US \$ 135.62 million) to where India exported around 9.97% and 7.56% share of respectively in 2023-2024. For, the period under review, exports of Cyclic Hydrocarbons from India were at US \$ 2617.53 million in 2020-2021 followed by a steep rise in 2021-2022, a huge dip in 2022-2023 followed by again dip in 2023-2024.

**Table - 2**  
**World's Top 10 exporters of Cyclic Hydrocarbons (HS Code 2902)**

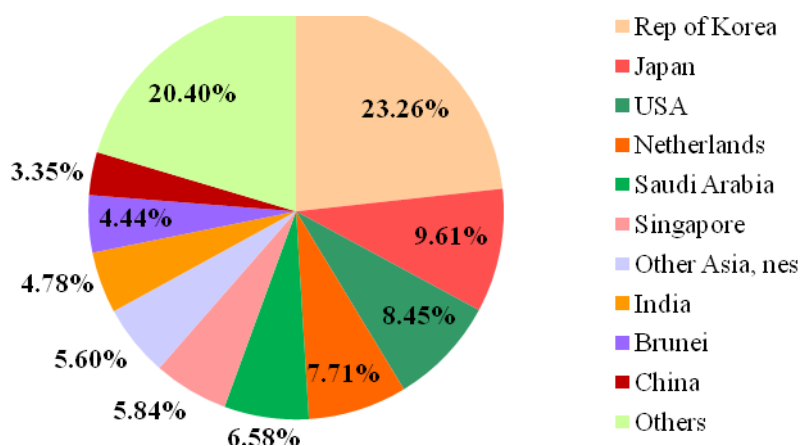
Rank	Countries	2020		2021		2022		2023	
		Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)
1.	Rep of Korea	5427.34	19.17	8586.94	19.32	9743.28	22.07	8987.90	23.26
2.	Japan	2493.38	8.81	3290.88	7.40	3543.01	8.03	3715.65	9.61
3.	USA	2831.15	10.00	3920.35	8.82	3898.71	8.83	3264.89	8.45
4.	Netherlands	1985.35	7.01	3878.56	8.72	3811.93	8.64	2979.89	7.71
5.	Saudi Arabia	1765.62	6.24	2641.61	5.94	0.00	0.00	2541.28	6.58
6.	Singapore	1451.82	5.13	2646.23	5.95	2743.52	6.21	2256.22	5.84
7.	Other Asia, nes	1158.27	4.09	1916.19	4.31	2197.07	4.98	2163.19	5.60
8.	<b>India</b>	<b>2795.87</b>	<b>9.87</b>	<b>4129.62</b>	<b>9.29</b>	<b>3282.26</b>	<b>7.44</b>	<b>1848.02</b>	<b>4.78</b>
9.	Brunei	913.73	3.23	1754.97	3.95	2014.54	4.56	1714.31	4.44
10.	China	319.96	1.13	826.40	1.86	2064.49	4.68	1292.94	3.35
	Others	7175.23	25.34	10862.14	24.43	10845.25	24.57	7885.00	20.40
	<b>Total</b>	<b>28317.73</b>	<b>100</b>	<b>44453.89</b>	<b>100</b>	<b>44144.07</b>	<b>100</b>	<b>38649.28</b>	<b>100</b>

Source: UN Comtrade

Leading Exporters of Cyclic Hydrocarbons globally from 2020 to 2023  
(Data labels signified for 2023)



World's 10 leading exporters of Cyclic Hydrocarbons by percentage share in 2023



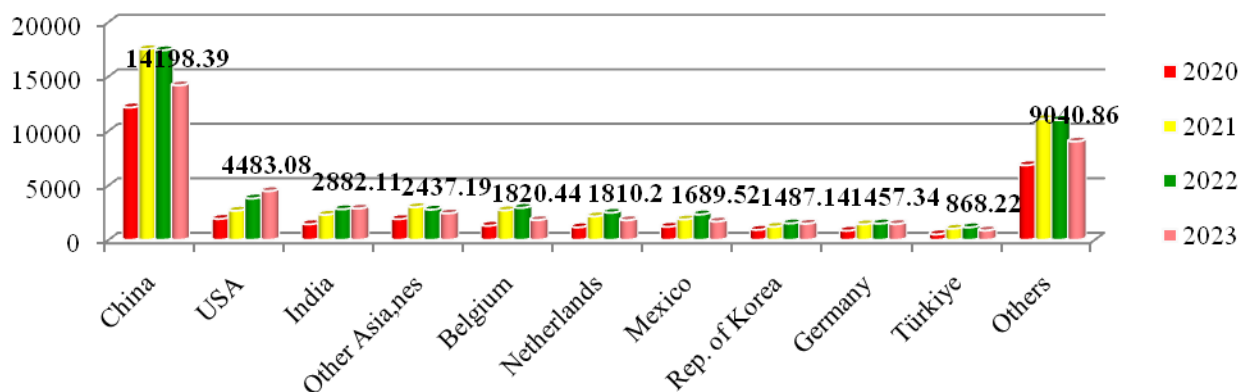
The Cyclic Hydrocarbons exports world wide was US\$ 38649.28 million in 2023, with an declining by 12.45 % compared to 2022 levels. Over the period under review, global export were at record high at US\$ 44453.89 million in 2022. **India** (exporting goods worth a total of US\$ 1848.02 million in this category ) with a show of 4.78% share, stood at 8<sup>th</sup> position globally. The lead Exporter in this segment was Rep of Korea (exporting goods worth a total of US \$ 8987.90 million) with a show of 23.26% share in 2023, followed next by Japan ( US\$3715.65 million) 9.61% shares of world exports in this segment in 2023. USA (US \$ 3264.89 million) has occupied the 3rd slot by way of importing up to 8.45% of global exports in this segment.

**Table – 3**  
**World's top 10 Importers of Cyclic Hydrocarbons (HS Code 2902)**

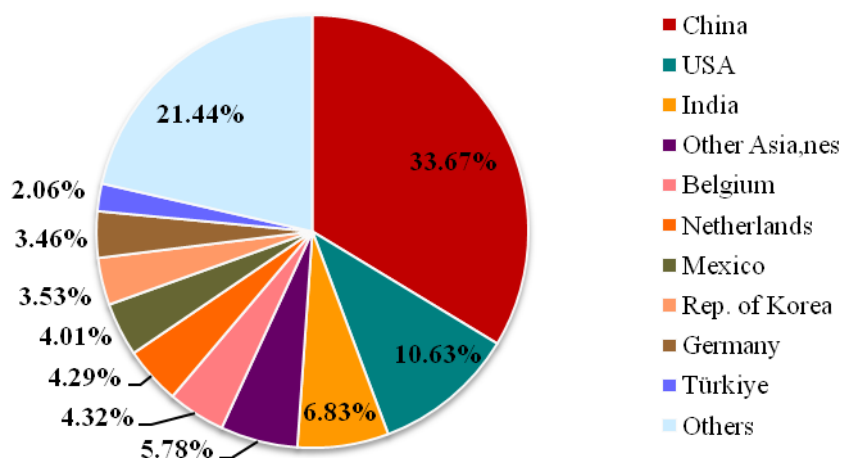
Rank	Countries	2020		2021		2022		2023	
		Value ( million \$)	Share (%)	Value ( million\$)	Share (%)	Value ( million\$)	Share (%)	Value ( million\$)	Share (%)
1.	China	12165.29	40.20	17515.70	37.24	17415.30	34.96	14198.39	33.67
2.	USA	1929.39	6.38	2680.63	5.70	3804.50	7.64	4483.08	10.63
3.	<b>India</b>	<b>1441.35</b>	<b>4.76</b>	<b>2308.74</b>	<b>4.91</b>	<b>2817.47</b>	<b>5.66</b>	<b>2882.11</b>	<b>6.83</b>
4.	Other Asia,nes	1909.97	6.31	3005.95	6.39	2783.28	5.59	2437.19	5.78
5.	Belgium	1303.16	4.31	2713.18	5.77	2946.88	5.92	1820.44	4.32
6.	Netherlands	1158.82	3.83	2162.58	4.60	2499.99	5.02	1810.20	4.29
7.	Mexico	1207.32	3.99	1876.91	3.99	2339.39	4.70	1689.52	4.01
8.	Rep. of Korea	928.63	3.07	1207.44	2.57	1521.44	3.05	1487.14	3.53
9.	Germany	845.15	2.79	1432.40	3.05	1507.00	3.03	1457.34	3.46
10.	Türkiye	514.08	1.70	1033.15	2.20	1157.75	2.32	868.22	2.06
	Others	6859.94	22.67	11098.45	23.60	11019.12	22.12	9040.86	21.44
	<b>Total</b>	<b>30263.12</b>	<b>100</b>	<b>47035.12</b>	<b>100</b>	<b>49812.12</b>	<b>100</b>	<b>42174.49</b>	<b>100</b>

Source : UN Comtrade

Top 10 importers of Cyclic Hydrocarbons from 2020 to 2023  
Data labels signified for 2023



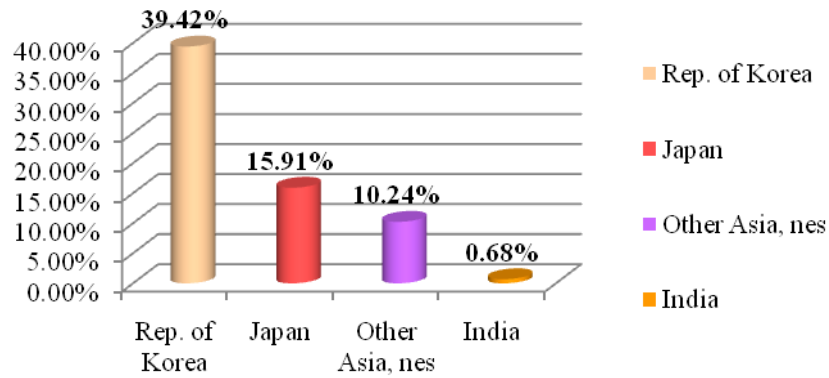
World's 10 leading importers of Cyclic Hydrocarbons (Percentage share in 2023)



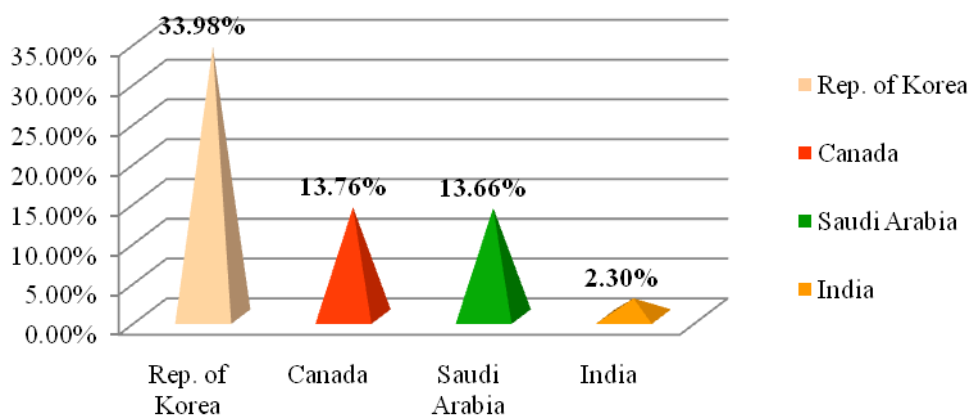
The Cyclic Hydrocarbons imports worldwide was US\$ 42174.49 million in 2023, decreasing by 13.33% from 2022 levels. **India** (importing goods worth a total of US\$ 2882.11 million in this category ) with a show of 6.83% share, stood at 3<sup>rd</sup> position globally. The lead importers in this segment in 2023 have been China (33.67%) and USA(10.63%). India's imports in this segment have been steadily increased from 2020 till 2023 and Global imports in this segment was US\$ 30263.12 million in 2020, then a major leap in 2021 followed same in trends in 2022 and dip in 2023.

As per UN Comtrade data base the top 3 importers of Cyclic Hydrocarbons globally were **China, USA and India**. Among them China and USA had imported 0.68% and 2.30% share of their total imports of or t from India in 2023 which are presented below.

(i) Top 3 supplier nations of Cyclic Hydrocarbons to China in 2023 (percentage share)



(ii) Top 3 supplier nations of Cyclic Hydrocarbons to USA in 2023 (percentage share)



Source : UN Comtrade

## IMPORT

**Semiconductor Devices [ ITCHS Code – 8541 ]** falls under Chapter -85 (Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles) of Section – XVI (Machinery and Mechanical; Electrical Equipment; Parts thereof; Sound Recorders and Reproducers, Television Image and Sound recorders and Sound recorders and Reproducers, and Parts and Accessories of such Articles) of ITC-HS Classification.

India is engaged in the process of importing this commodity and in the FY 2023-2024 (April,23 to March,24) this commodity group had share of 1.18% in India's total Import value basket as per DGCI&S data base

**Table – 4**  
**India's Top 10 Source Semiconductor Devices (HS Code – 8541)**

Rank	Countries	2020-2021		2021-2022		2022-2023		2023 -2024	
		Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)
1.	China	1937.58	70.27	6647.93	83.67	1931.67	50.80	4431.54	55.63
2.	Vietnam	18.02	0.65	8.58	0.11	273.31	7.19	1030.28	12.93
3.	Malaysia	31.05	1.13	112.99	1.42	211.34	5.56	583.14	7.32
4.	Singapore	242.82	8.81	308.31	3.88	356.21	9.37	484.44	6.08
5.	Hong Kong	161.84	5.87	442.99	5.58	237.10	6.24	444.17	5.58
6.	Thiland	25.44	0.92	24.64	0.31	267.70	7.04	258.50	3.24
7.	Japan	99.29	3.60	117.05	1.47	180.62	4.75	209.93	2.64
8.	Cambodia	6.91	0.25	2.16	0.03	52.72	1.39	140.22	1.76
9.	Germany	38.48	1.40	43.43	0.55	57.61	1.52	76.95	0.97
10.	Taiwan	33.52	1.22	37.72	0.47	48.48	1.27	61.53	0.77
	Others	162.48	5.89	199.43	2.51	185.59	4.88	245.52	3.08
	<b>Total</b>	<b>2757.42</b>	<b>100</b>	<b>7945.22</b>	<b>100</b>	<b>3802.35</b>	<b>100</b>	<b>7966.22</b>	<b>100</b>

**Source: DGCI&S, Ministry of Commerce & Industry**

**Note: India's Import includes re-import also**

The total amount of India's import of Semiconductor Devices in 2023-24 stood at US\$ 7966.22 million registering a huge increasing approximately 2 times over 2022-2023 levels. Over the period under review, India's imports in this segment were all record high at US\$ 7966.22 million in 2023-2024. In 2023-2024, China stood out as India's top importing partner in this segment with a share of 55.63% followed next by Vietnam (12.93%) and Malaysia (7.32%). India's import value in this segment were at US\$ 2757.42 million in 2020-2021(pandemic effected year), more than two times increase in 2021-2022 compare to 2020-2021 and followed by a major decline in 2022-2023 followed by again a major increase in 2023-2024.

**Table – 5**  
**World's Top 10 Importers of Semiconductor Devices (HS Code – 8541)**

Rank	Countries	2020		2021		2022		2023	
		Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)	Value (million\$)	Share (%)
1.	USA	13215.51	10.97	13435.91	8.94	17986.44	10.10	26833.44	15.84
2.	China	26734.68	22.19	33298.37	22.15	32536.72	18.27	26395.29	15.58
3.	Hong Kong	15715.99	13.04	19722.15	13.12	18932.34	10.63	16632.94	9.82
4.	Germany	6295.20	5.23	8244.97	5.49	11722.48	6.58	11069.06	6.53
<b>5.</b>	<b>India</b>	<b>2174.80</b>	<b>1.81</b>	<b>5022.37</b>	<b>3.34</b>	<b>5955.35</b>	<b>3.34</b>	<b>6753.89</b>	<b>3.99</b>
6.	Singapore	5184.53	4.30	6107.78	4.06	6413.61	3.60	5910.24	3.49
7.	Rep of Korea	5067.33	4.21	6264.67	4.17	5964.30	3.35	5469.83	3.23
8.	Mexico	2957.68	2.45	3382.71	2.25	4602.20	2.58	4603.67	2.72
9.	Malaysia	3280.84	2.72	4180.08	2.78	4438.62	2.49	4557.93	2.69
10.	Japan	4481.51	3.72	4923.91	3.28	5276.29	2.96	4469.43	2.64
	Others	35370.42	29.36	45719.34	30.42	64224.11	36.07	56720.69	33.48
	<b>Total</b>	<b>120478.50</b>	<b>100</b>	<b>150302.26</b>	<b>100</b>	<b>178052.44</b>	<b>100</b>	<b>169416.42</b>	<b>100</b>

**Source:UNComtrade**

Semiconductor Devices import worldwide was US\$ 169416.42 million in 2023 registering a moderate decline by 4.86% over 2022 levels. Over the period under review, global imports were at record high at US\$ 178052.44 million in 2022. USA imported US\$ 26833.44 million worth of the commodity in 2023, making it the leading importer of the commodity group worldwide with 15.84 % share of world imports. China (15.58%) and Hong Kong (9.82%) lined up in second and third place in 2023. **India's** imports amounted to US\$ 6753.89 million in the year 2023 as per UN Comtrade database and **India** ranked 5<sup>th</sup> in the world with the share of 3.99% of total global imports of this commodity.

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