



Telecom Instruments Digest: Monthly Insights into Electronic Exports & Imports

MAIT

ABSTRACT

*Invaluable insights into the transformative trends shaping
India's Telecom Instruments sector*

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1. Executive Summary:

The Telecom Instruments sector in India has exhibited resilience and dynamism amidst evolving global trade dynamics. The year 2023 witnessed positive developments characterized by substantial growth in both exports and imports. Notably, the sector has made strides towards narrowing the negative net export value, driven by the stellar performance of smartphone exports and a positive shift in net export dynamics across most months. As the sector continues to chart its course, concerted efforts towards bolstering export capabilities and fostering innovation will be pivotal in ensuring sustained growth and competitiveness on the global stage.

- 1. Export Dynamics:** India's Telecom Instruments exports witnessed robust growth in 2023, with December 2023 marking a significant milestone as the sector's export value surged to USD 1.67 billion. This growth trend was consistent throughout the year, reflecting an average monthly export value of USD 1.33 billion, a substantial increase from USD 0.92 billion in 2022. Smartphones emerged as the dominant export category, constituting approximately 86.65% of all telecom instruments exports in December 2023.
- 2. Import Landscape:** In parallel, India's Telecom Instruments import landscape experienced notable expansion, reaching USD 1.58 billion in December 2023. The average monthly import value for telecom instruments in 2023 stood at USD 1.51 billion, showcasing a 29% year-on-year growth compared to 2022. The category labelled as "Others" (HSN – 85177990) emerged as the leading import category, comprising around 52.68% of all telecom instrument imports in December 2023.
- 3. Net Export Trends:** Although India's Telecom Instruments sector still grapples with negative net exports, there has been a significant improvement in 2023. December 2023 saw the sector's net export value stand at USD 85 million, reflecting a reduction in the average monthly negative net export growth compared to 2022. Smartphones led positive net exports, contributing approximately USD 1.35 billion, while the category "Others" experienced the highest negative net exports, at around USD -0.8 billion.

2. Introduction:

The Ministry of Commerce and Industry (MoCI), Department of Commerce (DoC), Government of India (GoI) monthly releases total merchandise trade data that provides valuable insights into the nation's trade landscape. This comprehensive data encompasses both imports and exports, meticulously classified by Harmonized System of Nomenclature (HSN) codes. Within this rich repository of information, MAIT, the apex body representing India's electronics & ICT hardware sector, seeks to harness the power of this data to delve deeper into the nuances of electronic goods trade, with a specific focus on Telecom Instruments.

Through a series of researched reports, MAIT aims to dissect the monthly trade data spanning a couple of years, with a keen eye on identifying trends and major products within the Telecom Instruments segment. These reports serve as a vital tool for understanding the intricate dynamics of the electronics industry and its various subcategories. By leveraging this intelligence, stakeholders within the industry can stay abreast of evolving trade patterns, enabling informed decision-making and strategic planning.

3. Export Analysis:

3.1 Total Export Value:

In December 2023, India's Telecom Instruments export value surged to an impressive USD 1.67 billion, marking a substantial milestone in the sector's growth trajectory. This notable achievement underscores the industry's resilience and potential on the global stage. Throughout the year, the average monthly export value for India's Telecom Instruments stood at USD 1.33 billion, showcasing a remarkable upswing from the previous year's figure of USD 0.92 billion in 2022. Figure 1 illustrates this upward trajectory, depicting consistent year-over-year (YoY) growth with an average monthly export growth rate of 44.4% in 2023. Such robust expansion signals not only the sector's vitality but also its capacity to adapt and thrive in the face of evolving market dynamics.

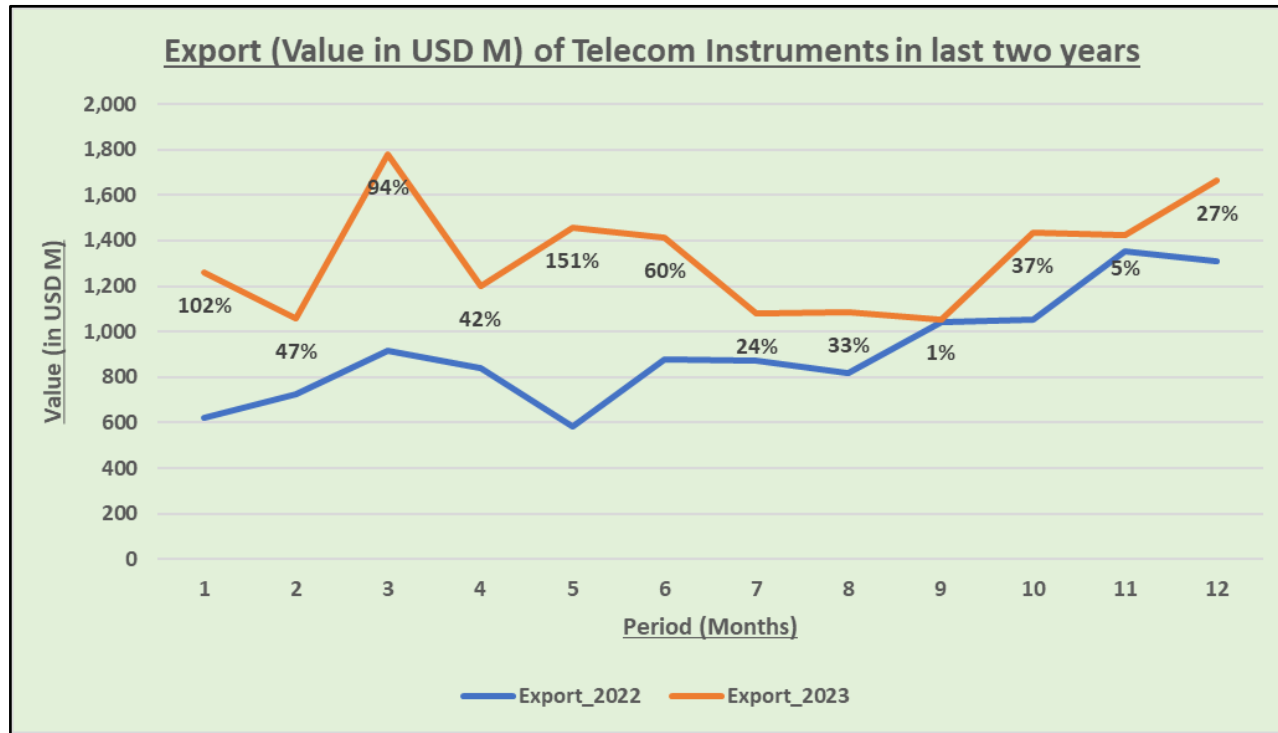


Figure 1 - Export of Telecom Instruments in last 2 Years. Source: DoC, MoCI, Gol

3.2 Export by Product Category (HSN wise):

In December 2023, smartphones (HSN – 85171300) emerged as the dominant force within India's Telecom Instruments export landscape, constituting an impressive 86.65% of all exports within the sector. Following closely behind, the "other" category (HSN - 85176290) accounted for approximately 8.3% of total exports, representing a diverse range of telecom instruments (Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus). Figure 2 provides a visual representation of this distribution, showcasing the substantial market share held by smartphones and the notable presence of “other (HSN – 85176290)” telecom instruments within India's export portfolio.

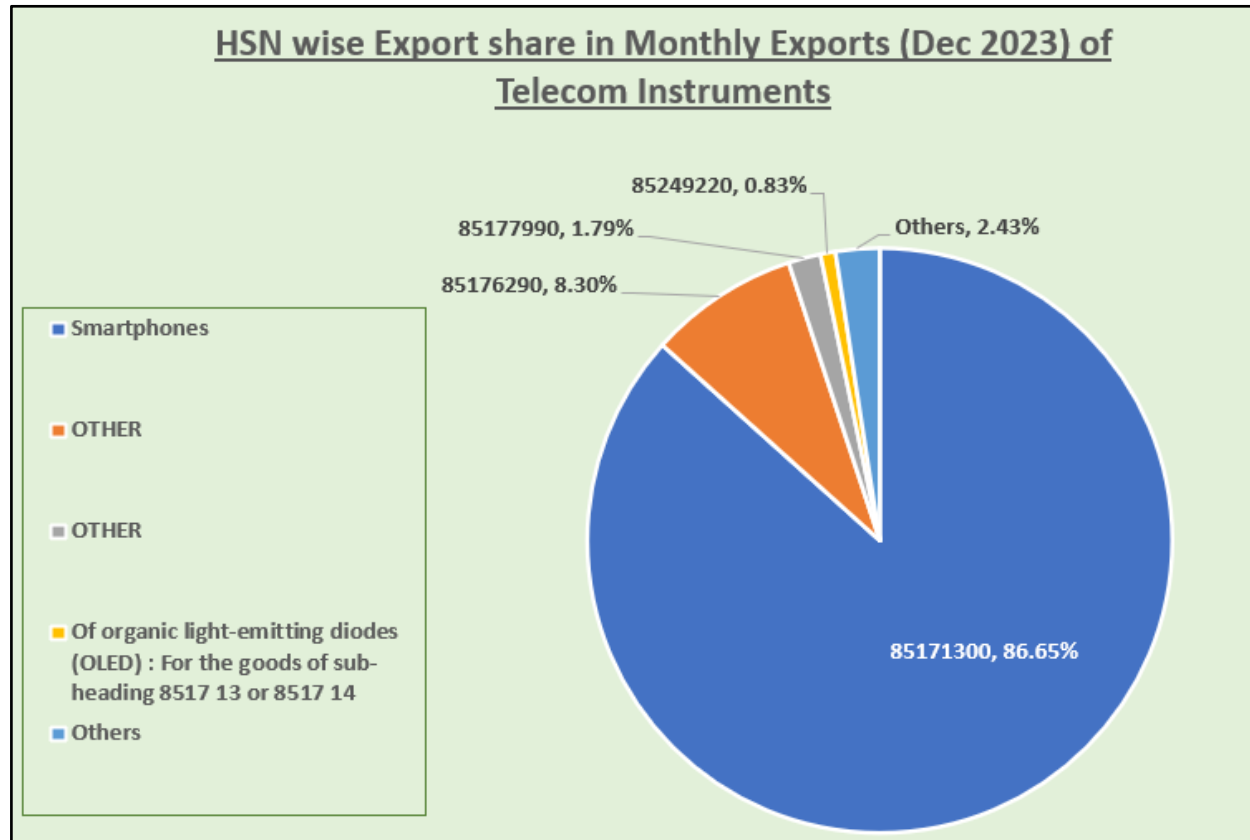


Figure 2 - HSN wise Export share in Monthly Exports of Telecom Instruments in Dec 2023. Source: DoC, MoCI, GoI

Combining the data from Figure 3 and Table 1, the landscape of India's Telecom Instruments exports from April to December 2023 presents a compelling narrative of growth and dominance:

- Telecom Instruments Exports (April – December 2023) surged to USD 11.8 billion, marking a remarkable 34.86% increase from the same period in 2022 when exports totalled USD 8.75 billion. This substantial uptick underscores the sector's robust performance and its pivotal role in driving India's export economy.

- Smartphones (HSN 85171300) emerged as the undisputed leader within the Telecom Instruments category, commanding a staggering 86.65% share of total exports in December 2023. Their dominance is further substantiated by a noteworthy 46% year-on-year (YoY) growth in exports, reaching USD 10.5 billion from April to December 2023, compared to the corresponding period in 2022.
- December 2023 witnessed a particularly strong performance in smartphones exports, totalling USD 1.4 billion, reflecting a commendable 21% YoY growth compared to December 2022. This growth trajectory underscores the consistent demand and market resilience of smartphones, solidifying their position as the cornerstone of India's Telecom Instruments exports.

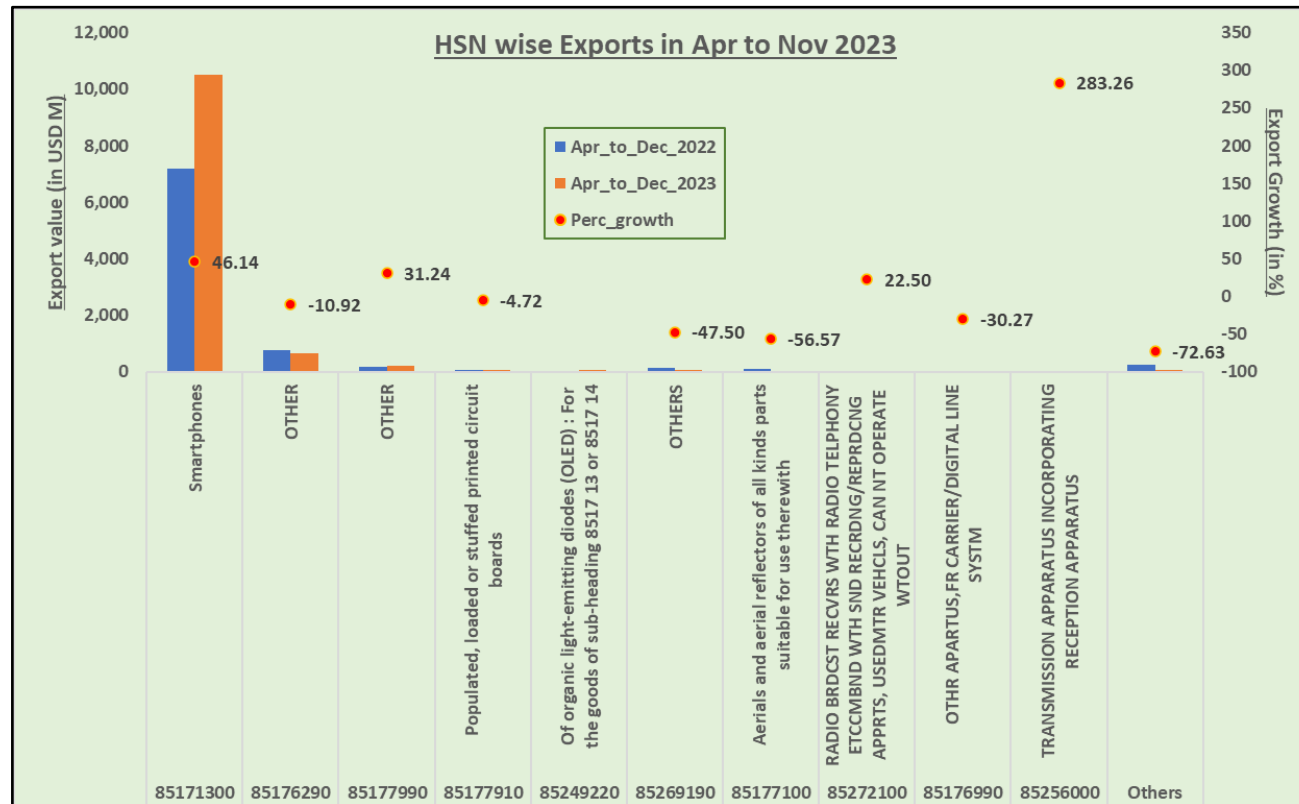


Figure 3 - HSN wise Exports of Telecom Instruments in April to December 2023. Source: DoC, MoCI, Gol

Table 1 - HSN wise Telecom Instruments Exports in December 2022 & 2023, YoY % Growth, Apr-Dec 2022 & 2023 and YoY growth in Apr-Dec. Source: DoC, MoCI, GoI

Table 1: HSN wise Telecom Instruments Exports in Dec 2023 [Value (in USD Million)]								
S No.	HSN_code	HSN_description	Dec_2022	Dec_2023	Perc_growth	Apr_to_Dec_2022	Apr_to_Dec_2023	Perc_growth
1	85171300	Smartphones	1,190.08	1,443.05	21.26	7,193.97	10,513.37	46.14
2	85176290	OTHER	55.32	138.26	149.95	750.97	668.99	-10.92
3	85177990	OTHER	19.99	29.75	48.84	164.67	216.11	31.24
4	85177910	Populated, loaded or stuffed printed circuit boards	10.93	7.35	-32.79	74.92	71.38	-4.72
5	85249220	Of organic light-emitting diodes (OLED) : For the goods of sub-heading 8517 13 or 8517 14		13.8			69.01	
6	85269190	OTHERS	10.34	6.95	-32.8	123.52	64.85	-47.5
7	85177100	Aerials and aerial reflectors of all kinds parts suitable for use therewith	9.34	5.42	-41.91	100.15	43.49	-56.57
8	85272100	RADIO BRDCST RECVRS WTH RADIO TELPHONY ETCCMBND WTH SND RECRDNG/REPRDCNG APPRTS, USED MTR VEHCLS, CAN NT OPERATE WTOUT	3.26	4.84	48.65	28.17	34.51	22.5
9	85176990	OTHR APARTUS,FR CARRIER/DIGITAL LINE SYSTM	4.3	4.1	-4.75	46.55	32.46	-30.27
10	85256000	TRANSMISSION APPARATUS INCORPORATING RECEPTION APPARATUS	0.37	1.29	246.84	4.89	18.73	283.26
11	85176260	SYNCHRONOUS DIGITAL HIERARCHY SYSTEM (SDH)	0.43	0.75	76.81	4.02	8.99	123.58
12	85272900	OTHR REDIO-BROADCST RCVRS NT CPBL TO OPRT WHT EXTRNL POWR,USD IN MOTR VHCLS,INCL APPRTS FR RCVNG RADIO-TLPHNY/RADIO-T	0.5	1.58	217.35	5.88	8.14	38.4
13	85255090	OTHER	0.76	0.07	-90.27	5.66	6.92	22.19
14	85171890	OTHER	0.49	0.63	28.76	41.2	6.71	-83.72
15	85171400	Other telephones for cellular networks or for other wireless networks	2.64	2.22	-15.92	11.62	6.33	-45.57
16	85249120	Of liquid crystals : For the goods of sub-heading 8517 13 or 8517 14		0.6			5.18	
17	85176230	Modems (modulators-demodulators) for xDSL based Wireline Telephony	0.54	1.12	109.13	3.96	4.85	22.43
18	85171190	OTHERS	0.11	0.78	631.98	20.01	4.29	-78.58
19	85176270	Multiplexers, statistical multiplexers for PDH based Wireline Telephony	0.19	0.06	-70.74	4.59	2.71	-40.91
20	85176220	VOICE FREQUENCY TELEGRAPHY	0.17	0.51	193.06	1.41	2.54	79.61
21	85269120	INSTRUMENT LANDING SYSTEM	0.01	0.51	3,492.31	0.09	2.3	2,425.96
22	85176210	PLCC EQUIPMENT	0.24	0.15	-34.77	2.21	1.99	-9.93
23	85171110	PUSH BUTTON TYPE	0.49	0.39	-19.23	1.48	1.87	26.61
24	85176960	Set top boxes for gaining access to internet for Wireline Telephony	0	0.12	2,731.71	0.51	1.46	185.91
25	85176100	BASE STATIONS	0.39	0.13	-65.13	1.85	1.45	-21.95
26	85269200	OTHER RADIO REMOTE CONTROL APPARATUS	0.31	0.04	-87.2	3.65	1.34	-63.2
27	85241120	Of liquid crystals : For the goods of sub-heading 8517 13 or 8517 14		0.39			1.01	
28	85279900	OTHER	0.16	0.01	-96.7	2.02	0.92	-54.47

29	85269150	VHF OMNI RANGE EQUIPMENT	0.08	0.08	0.39	0.45	0.9	101.01
30	85255030	BROADCAST EQUIPMENT SUB-SYSTEM	0.05	0.16	200.38	0.45	0.71	56.55
31	85176970	ATTACHMENTS FOR TELEPHONES	0.02	0	-94.05	0.14	0.54	278.8
32	85241220	Of organic light-emitting diodes (OLED) : For the goods of sub-heading 8517 13 or 8517 14		0.05			0.38	
33	85171810	PUSH BUTTON TYPE	0.08	0.06	-24.28	0.59	0.3	-48.61
34	85271900	OTHR RADIO-BROADCAST RECVRS ABLE TO OPRT WHTHT EXTRNL SOURCE OF POWR ,JNCL APPRTS ABLE TO RCV RADIO-TELEPHONY/RADIO TL	0	0.03	3,737.50	0.08	0.29	261.56
35	85176250	DIGITAL LOOP CARRIER SYSTEM (DLC)	0.04			0.25	0.29	15.28
36	85258100	Television cameras, digital cameras and video camera recorders High-speed goods	0	0.01	441.67	0.23	0.2	-14.6
37	85269130	DIRECTION FINDING EQUIPMENT	0	0.01	535.71	0.07	0.09	19.89
38	85176910	ISDN TERMINALS	0	0.01	105.88	0.05	0.06	14.76
39	84433260	FACSIMILE MACHINE		0		0	0.05	1,041.46
40	85176920	ISDN TERMINAL ADAPTERS	0.05	0	-98.7	0.39	0.05	-88
41	85271300	OTHER APARATUS COMBIND WTH SOUND RECORDNG OR REPRDUCNG APARATUS		0		0.1	0.04	-56.82
42	85269110	DIRECTION MEASURING EQUIPMENT	0	0	-58.33	0.01	0.03	111.11
43	85255020	TV BROADCAST TRANSMITTER				0.01	0.03	538
44	85255010	RADIO BROADCAST TRANSMITTER		0.01		0.04	0.01	-82.69
45	85279100	OTHR RADIO BRDCST RECVRS WTH RADIO TELPHNYETC CMBND WTH SND RECRDNG/REPRDCNG APPRTS				0.05	0.01	-73.35
46	85255040	COMMUNICATION JAMMING EQUIPMENT				0	0	1,600.00
47	85279200	OTHR RADIO BRDCST RECVRS WTH RADIO TELPHNYETC NT CMBND WTH SOUND RECDNG/ REPRDCNG APPRTS BUT CMBND WTH A C					0	
48	85241920	Other : For the goods of sub-heading 8517 13 or 8517 14					0	
49	85249920	Other : For the goods of sub-heading 8517 13 or 8517 14					0	
50	85271200	POCKET-SIZE RADIO CASSETTE PLAYERS				0	0	500
51	85255050	Wireless microphone				0	0	200
52	85258020	DIGITAL CAMERAS				0.02		
53	85171211	MOBILE PHONES, OTHER THAN PUSH BUTTON TYPE				0.02		
54	85171219	MOBILE PHONES, PUSH BUTTON TYPE				111.15		
55	85269140	NON DIRECTIONAL BEACON						
56	85171290	OTHER				42.38		
57	85176940	X25 PADS				0		

4. Import Analysis

4.1 Total Import Value:

In December 2023, India's Telecom Instruments import value surged to USD 1.58 billion, indicative of the nation's robust appetite for imported telecommunications equipment. Throughout the entirety of 2023, the average monthly import value for telecom instruments stood at USD 1.51 billion, marking a significant 29% year-on-year (YoY) growth compared to the 2022 average of USD 1.17 billion. This substantial increase underscores the sector's expanding reliance on imported goods to meet domestic demand and fuel industry growth.

Figure 4 provides a visual representation of this upward trajectory, showcasing consistent positive YoY growth for each month in 2023. Such consistent growth signals not only the sector's resilience but also its capacity to adapt and evolve in response to changing market dynamics. As India continues to position itself as a key player in the global telecommunications arena, these import trends serve as a vital barometer of the industry's health and trajectory.

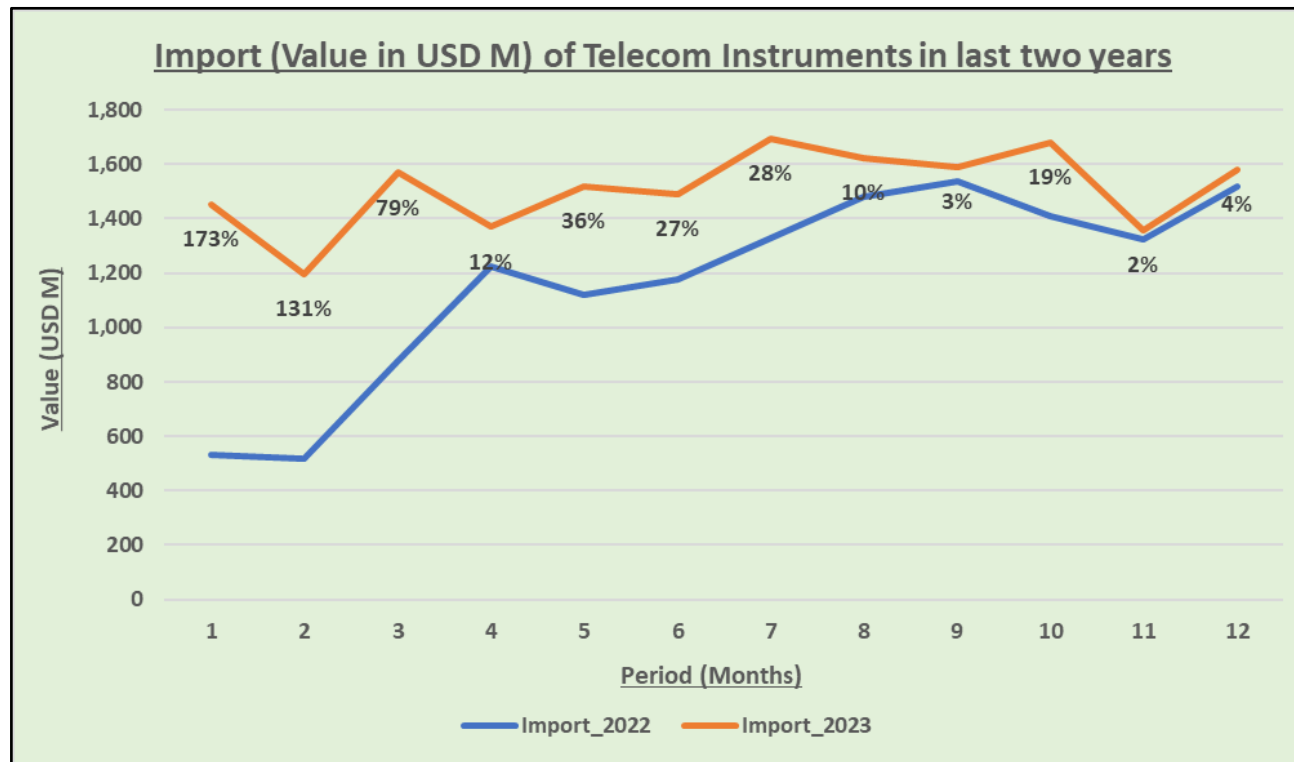


Figure 4 - Import (Value in USD M) of Telecom Instruments in last 2 years. Source: DoC, MoCI, Gol

4.2 Import by Product Category (HSN wise):

In December 2023, the category labelled as "Others" (HSN – 85177990) dominated India's Telecom Instruments import landscape, constituting an impressive 52.68% of all imports within the sector. Spanning across 56 HSN codes, this diverse category reflects the varied range of telecommunications equipment being imported to meet domestic demand. Following closely behind, the "other" category (HSN - 85176290) accounted for approximately 18.62% of total imports, highlighting the significant presence of alternative telecom instruments (Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus). Figure 5 provides a visual representation of this distribution, illustrating the substantial market share held by the "Others (HSN – 85177990)" category and the notable contribution of the "other (HSN – 85176290) " category to India's Telecom Instruments imports.

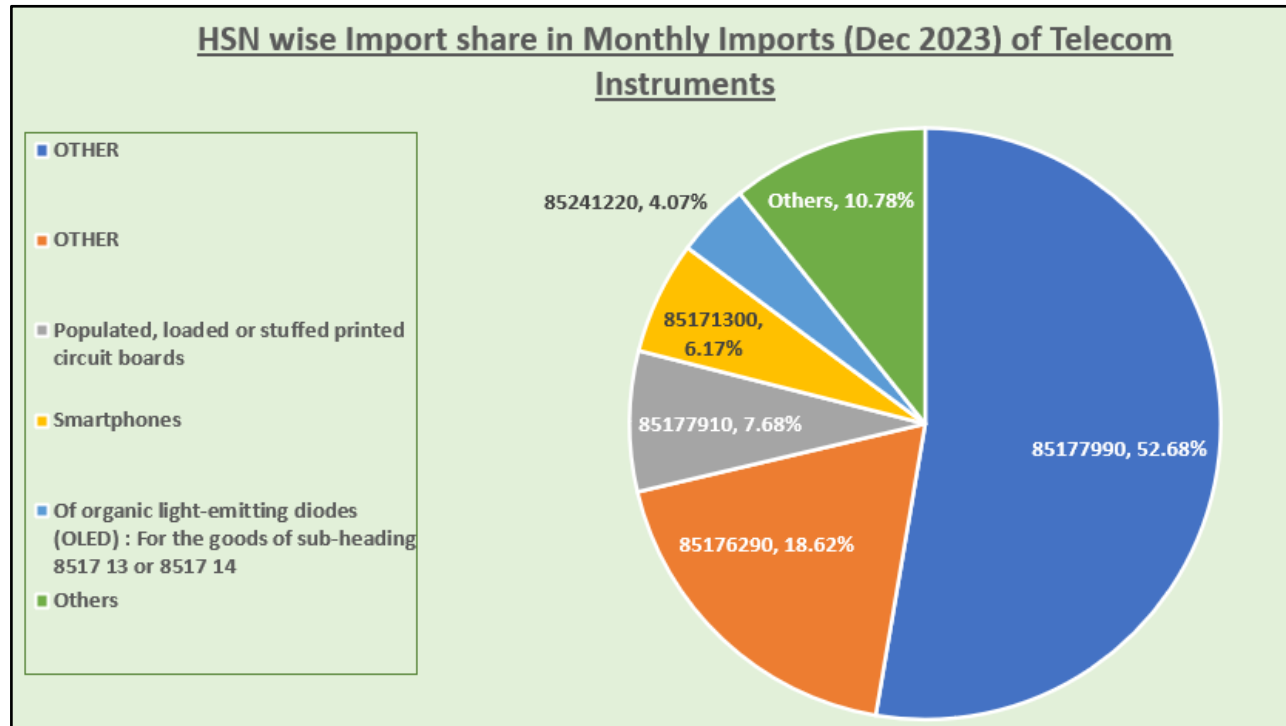


Figure 5 - HSN wise Import share in Monthly Imports of Telecom Instruments in Dec 2023. Source: DoC, MoCI, Gol

Drawing from the consolidated data:

- Telecom Instruments Import from April to December 2023 totalled USD 13.91 billion, showcasing a notable 14.73% increase compared to the same period in 2022 when imports amounted to USD 12.12 billion. This uptick underscores the steady growth and sustained demand for imported telecommunications equipment in the Indian market.
- "Others" (HSN 85177990) emerged as the frontrunner among import categories, commanding a substantial 52.68% share of all telecom instrument imports in December 2023. Over the period of April to December 2023, this category experienced a robust 20.87% year-on-year (YoY) growth, with

imports totalling USD 6.98 billion, compared to the corresponding period in 2022. This growth reflects the continued reliance on a diverse range of telecommunications equipment within this category to meet evolving market demands.

- December 2023 witnessed further growth in "Others" (HSN 85177990) imports, reaching USD 0.83 billion, reflecting a modest yet significant 1.49% YoY increase compared to December 2022. This indicates a sustained momentum in the import of telecommunications equipment within this category, underlining its enduring importance in fulfilling the nation's telecom infrastructure needs.

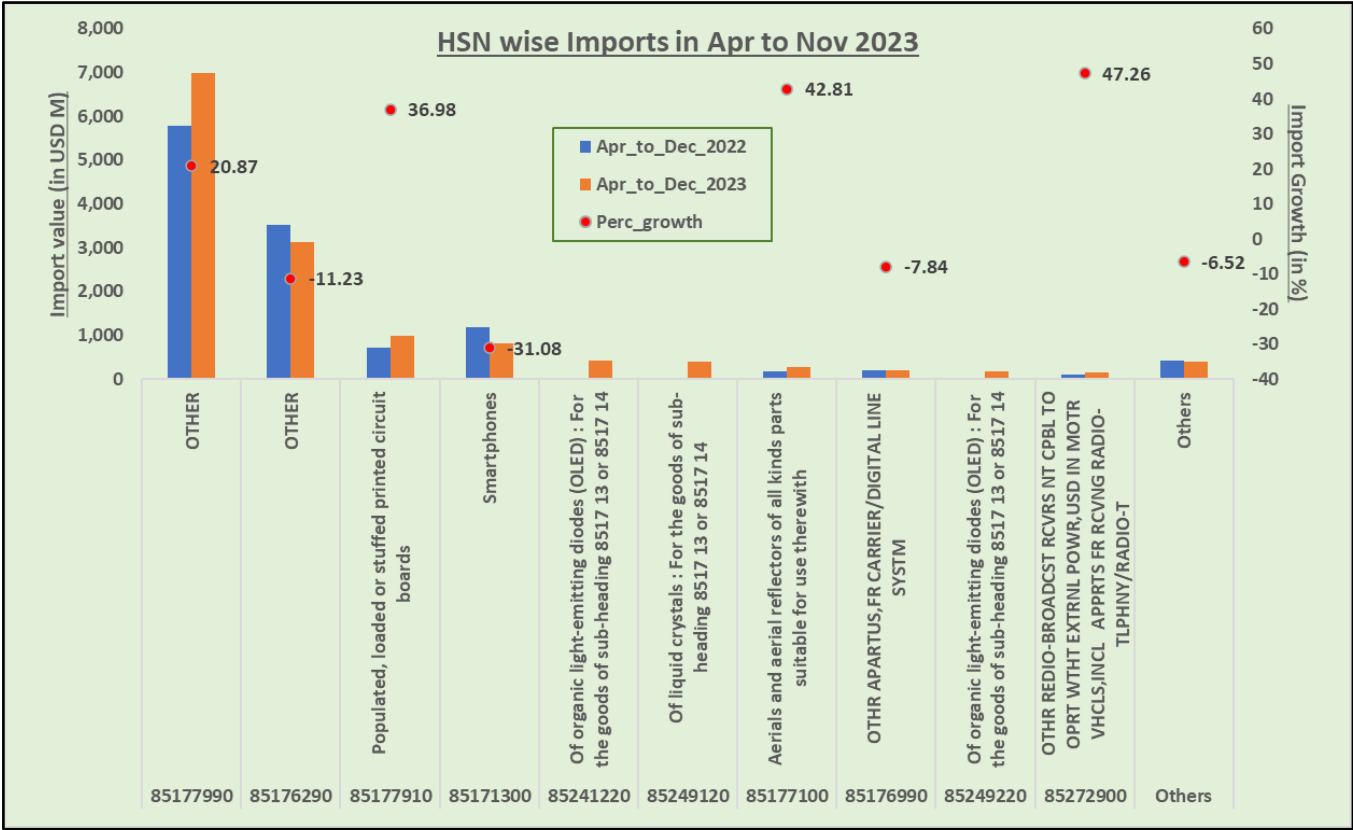


Figure 6 - HSN wise Imports of Telecom Instruments in Apr to Dec 2023. Source: DoC, MoCI, GoI

Table 2 - HSN wise Telecom Instruments Imports in December 2022 & 2023, YoY % Growth, Apr-Dec 2022 & 2023 and YoY growth in Apr-Dec. Source: DoC, MoCI, Gol

Table 2: HSN wise Telecom Instruments Imports in Dec 2023 [Value (in USD Million)]								
S No.	HSN_code	HSN_description	Dec_2022	Dec_2023	Perc_growth	Apr_to_Dec_2022	Apr_to_Dec_2023	Perc_growth
1	85177990	OTHER	819.89	832.1	1.49	5,775.93	6,981.33	20.87
2	85176290	OTHER	434.46	294.19	-32.28	3,517.18	3,122.10	-11.23
3	85177910	Populated, loaded or stuffed printed circuit boards	65.21	121.35	86.09	724.63	992.57	36.98
4	85171300	Smartphones	96.45	97.44	1.02	1,193.55	822.63	-31.08
5	85241220	Of organic light-emitting diodes (OLED) : For the goods of sub-heading 8517 13 or 8517 14		64.3			420.07	
6	85249120	Of liquid crystals : For the goods of sub-heading 8517 13 or 8517 14		47.8			390.09	
7	85249220	Of organic light-emitting diodes (OLED) : For the goods of sub-heading 8517 13 or 8517 14		29.82			186.13	
8	85176990	OTHR APARTUS,FR CARRIER/DIGITAL LINE SYSTM	21.8	22.02	1.02	210.5	194	-7.84
9	85272900	OTHR RADIO-BROADCAST RCVR NT CPBL TO OPRT WTH EXTRNL POWR,USD IN MOTR VHCLS,INCL APPRTS FR RCVNG RADIO-TLPHNY/RADIO-T	8.92	17.96	101.32	97.67	143.83	47.26
10	85177100	Aerials and aerial reflectors of all kinds parts suitable for use therewith	23.88	11.4	-52.26	185.88	265.45	42.81
11	85269190	OTHERS	18.04	9.06	-49.79	106.65	135.18	26.75
12	85272100	RADIO BRDCST RCVR S WTH RADIO TELPHONY ETCCMBND WTH SND RECRDNG/REPRDCNG APPRTS, USED MTR VEHCLS, CAN NT OPERATE WTOUT	10.6	8.37	-21.09	85.7	71.69	-16.35
13	85256000	TRANSMISSION APPARATUS INCORPORATING RECEPTION APPARATUS	4.3	5.05	17.47	18.5	27.28	47.44
14	85255030	BROADCAST EQUIPMENT SUB-SYSTEM	1.1	2.56	131.88	5.24	11.64	122
15	85241120	Of liquid crystals : For the goods of sub-heading 8517 13 or 8517 14		2.51			12.02	
16	85269200	OTHER RADIO REMOTE CONTROL APPARATUS	1.06	2.15	102.14	16.89	22.31	32.11
17	85176230	Modems (modulators-demodulators) for xDSL based Wireline Telephony	3.48	1.69	-51.43	74.19	9.68	-86.95
18	85255090	OTHER	1.31	1.58	20.83	4.14	7.2	74.07
19	85279100	OTHR RADIO BRDCST RCVR S WTH RADIO TELPHNYETC CMBND WTH SND RECRDNG/REPRDCNG APPRTS	0.87	0.97	10.36	4.99	5.32	6.67
20	85171810	PUSH BUTTON TYPE	0.33	0.91	177.44	6.04	4.14	-31.47
21	85171890	OTHER	1.51	0.89	-41.11	6.59	5.17	-21.6
22	85269120	INSTRUMENT LANDING SYSTEM	0.33	0.79	135.76	5.06	8.55	68.89
23	85258100	Television cameras, digital cameras and video camera recorders High-speed goods	0.28	0.51	79.92	0.57	1.43	150.3
24	85176210	PLCC EQUIPMENT	0.58	0.5	-14.8	2.71	4.8	77.09
25	85279900	OTHER	0.44	0.43	-1.85	6.67	7.03	5.43
26	85171110	PUSH BUTTON TYPE	0.84	0.43	-48.93	6.12	7.59	23.99
27	85176270	Multiplexers, statistical multiplexers for PDH based Wireline Telephony	0.69	0.43	-38.6	6.66	3.43	-48.5
28	85255010	RADIO BROADCAST TRANSMITTER	0.01	0.4	3,974.75	0.55	1.26	131.32

29	85171400	Other telephones for cellular networks or for other wireless networks	0.64	0.36	-44.22	7.19	4.55	-36.68
30	85176100	BASE STATIONS	0.25	0.3	17.6	19.42	4.3	-77.84
31	85176910	ISDN TERMINALS	0.08	0.27	244.94	1.13	1.17	3.95
32	85171190	OTHERS	0.17	0.23	33.22	1.66	3.15	90.23
33	85176250	DIGITAL LOOP CARRIER SYSTEM (DLC)		0.22		1.31	1.88	44.11
34	85271900	OTHR RADIO-BROADCAST RECVRABLE TO OPRT WTH EXTRNL SOURCE OF POWR ,INCL APPRTS ABLE TO RCV RADIO-TELEPHONY/RADIO TL	0.27	0.17	-38.69	1.89	1.27	-32.76
35	85176260	SYNCHRONOUS DIGITAL HIERARCHY SYSTEM (SDH)	0.34	0.16	-52.93	3.53	2.92	-17.24
36	85176220	VOICE FREQUENCY TELEGRAPHY	0.03	0.16	522.31	1.57	0.41	-73.68
37	85271300	OTHER APARATUS COMBIND WTH SOUND RECORDNG OR REPRODUCNG APARATUS	0.98	0.12	-88.15	6.37	3.9	-38.79
38	85176920	ISDN TERMINAL ADAPTERS	0.12	0.04	-68.17	0.33	0.21	-37.38
39	85176970	ATTACHMENTS FOR TELEPHONES	0.13	0.02	-87.6	0.34	0.11	-68.07
40	85176960	Set top boxes for gaining access to internet for Wireline Telephony	0	0.01	231.58	0.1	4.83	4,938.58
41	85255020	TV BROADCAST TRANSMITTER	0	0	18.18	0	0.01	93.94
42	84433260	FACSIMILE MACHINE	0.01	0	-33.96	0.01	0.14	1,008.59
43	85241920	Other : For the goods of sub-heading 8517 13 or 8517 14		0			0	
44	85269110	DIRECTION MEASURING EQUIPMENT	0.01	0	-89.38	0.35	2.32	565.48
45	85279200	OTHR RADIO BRDCST RECVRABLE WTH RADIO TELPHNYETC NT CMBND WTH SOUND RECDNG/ REPRDCNG APPRTS BUT CMBND WTH A C	0	0	233.33	0.13	0.01	-95.01
46	85255040	COMMUNICATION JAMMING EQUIPMENT	0.14	0	-99.44	2.5	2.75	10.06
47	85271200	POCKET-SIZE RADIO CASSETTE PLAYERS	0	0	133.33	0	0.01	358.33
48	85176940	X25 PADS		0		0	0.01	28.57
49	85269150	VHF OMNI RANGE EQUIPMENT	0			0.02	2.14	13,787.66
50	85258020	DIGITAL CAMERAS				0.57	3.58	528.27
51	85269130	DIRECTION FINDING EQUIPMENT				0.86	2.45	185.48
52	85269140	NON DIRECTIONAL BEACON				0.02	0	-96.77
53	85171211	MOBILE PHONES, OTHER THAN PUSH BUTTON TYPE				0		
54	85171219	MOBILE PHONES, PUSH BUTTON TYPE					0	
55	85249920	Other : For the goods of sub-heading 8517 13 or 8517 14					0.04	
56	85171290	OTHER				9.48	1.06	-88.81

5. Net Exports Analysis:

5.1. Total Net Export Value:

Despite remaining negative, India's Telecom Instruments net export value showed signs of improvement in December 2023, standing at USD 85 million. This marks a noteworthy advancement from previous periods, indicating a gradual reduction in the deficit. Throughout 2023, the average monthly net export value improved to USD -185 million, compared to USD -253 million in 2022. This positive trend reflects a concerted effort to enhance export competitiveness and reduce dependency on imports within the telecom sector.

Figure 7 provides a visual representation of this encouraging development, depicting better net export performance for most months in 2023. Additionally, it highlights a significant 26.9% reduction in the average monthly negative net export growth compared to the previous year. While challenges persist, these improvements underscore the resilience and adaptability of India's telecom industry in navigating global trade dynamics and striving towards achieving a more balanced trade position.

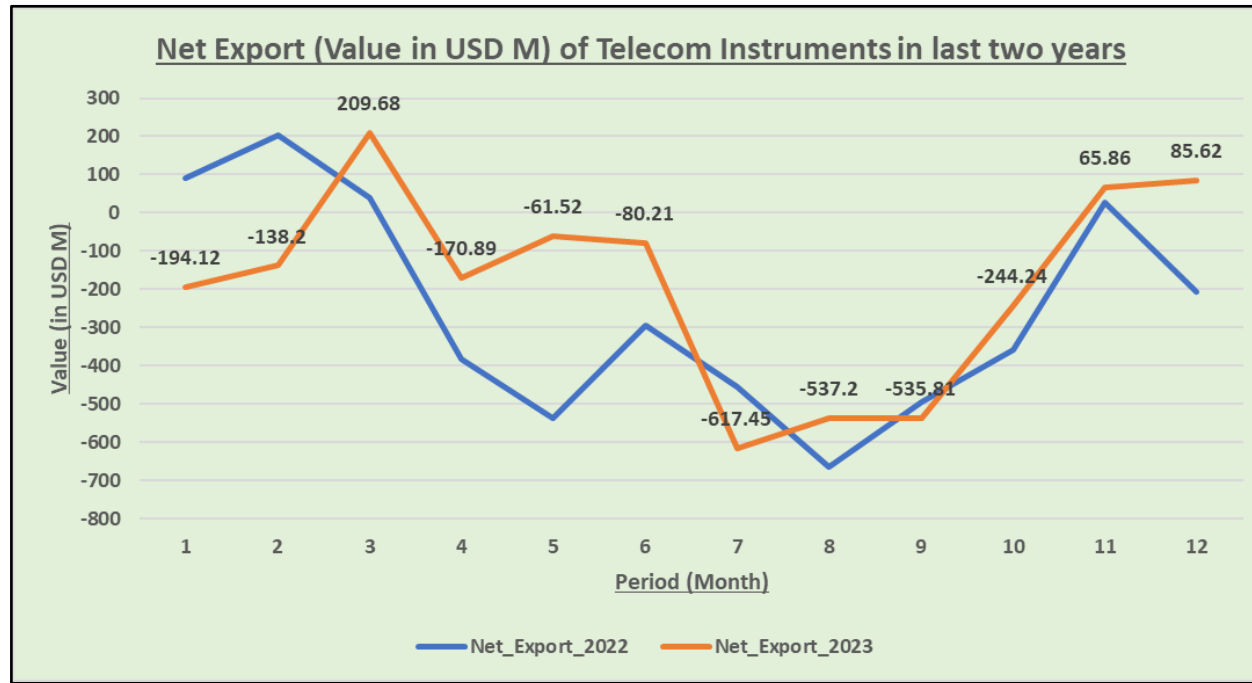


Figure 7 - Net Export value (in USD Million) of Telecom Instruments in last Two Years. Source: DoC, MoCI, Gol

5.2 Net Exports by Product Category (HSN wise):

In December 2023, smartphones (HSN – 85171300) emerged as the primary driver of positive net exports within the telecom instruments category, making a significant contribution of approximately USD 1.35 billion. This underscores the strength and competitiveness of India's smartphone exports in the global market, showcasing the sector's capacity to generate favourable trade balances.

Conversely, the category labelled as "Others" (HSN – 85177990) experienced the highest negative net exports, amounting to around USD -0.8 billion. Figure 8 visually illustrates this disparity, highlighting the contrasting net export performances of smartphones and the "Others" category in December 2023.

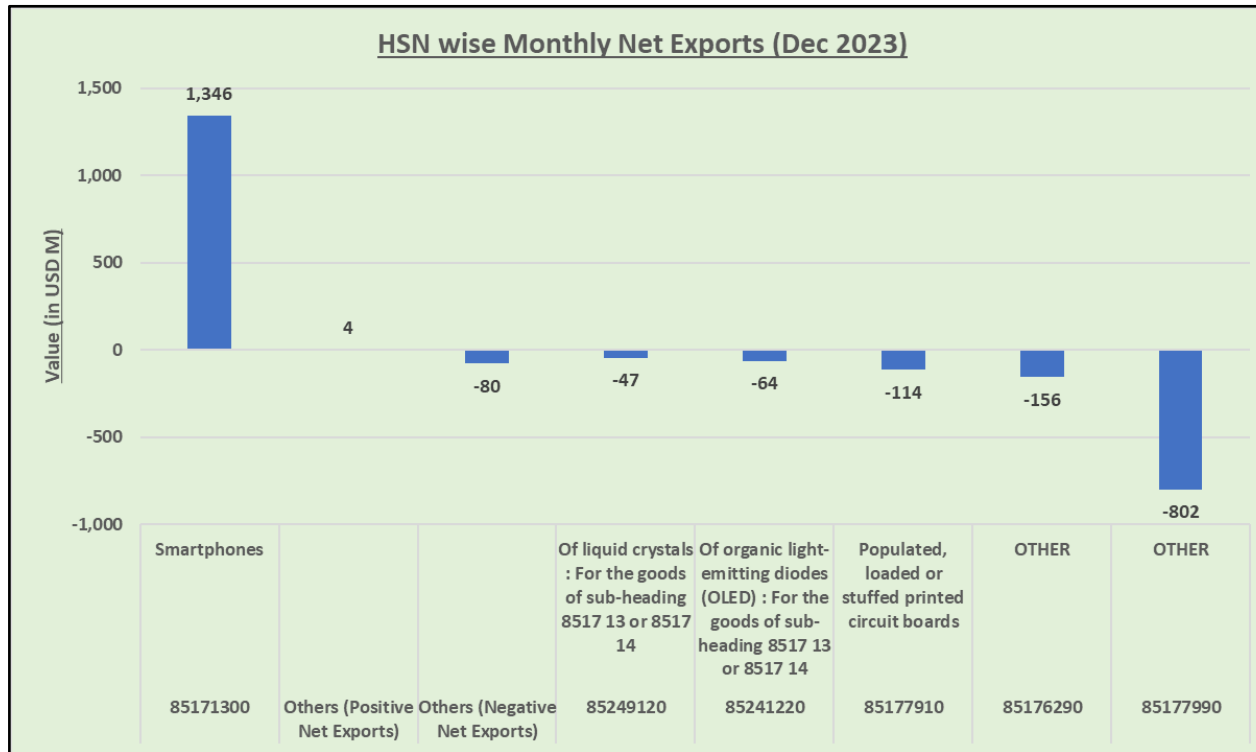


Figure 8 - HSN wise monthly Net Exports (Value in USD M) in Dec 2023. Source: DoC, MoCI, GoI

6. Conclusion:

The Telecom Instruments sector in India experienced notable progress throughout 2023, marked by an uptick in both exports and imports compared to the preceding year. Despite persisting negative net exports, there's a discernible improvement underscored by a reduction in the average monthly negative net export growth. This positive trajectory is largely attributed to the stellar performance of smartphone exports and a favourable shift in net export dynamics observed across most months in 2023.

Figure 9 encapsulates the sector's growth story, showcasing a steady rise in both imports and exports of telecom instruments over the course of the year. Particularly noteworthy is the accelerated growth in exports. This shift signals a promising turn in the trade balance for the telecom instruments sector, indicative of its resilience and potential to achieve greater equilibrium in the future.

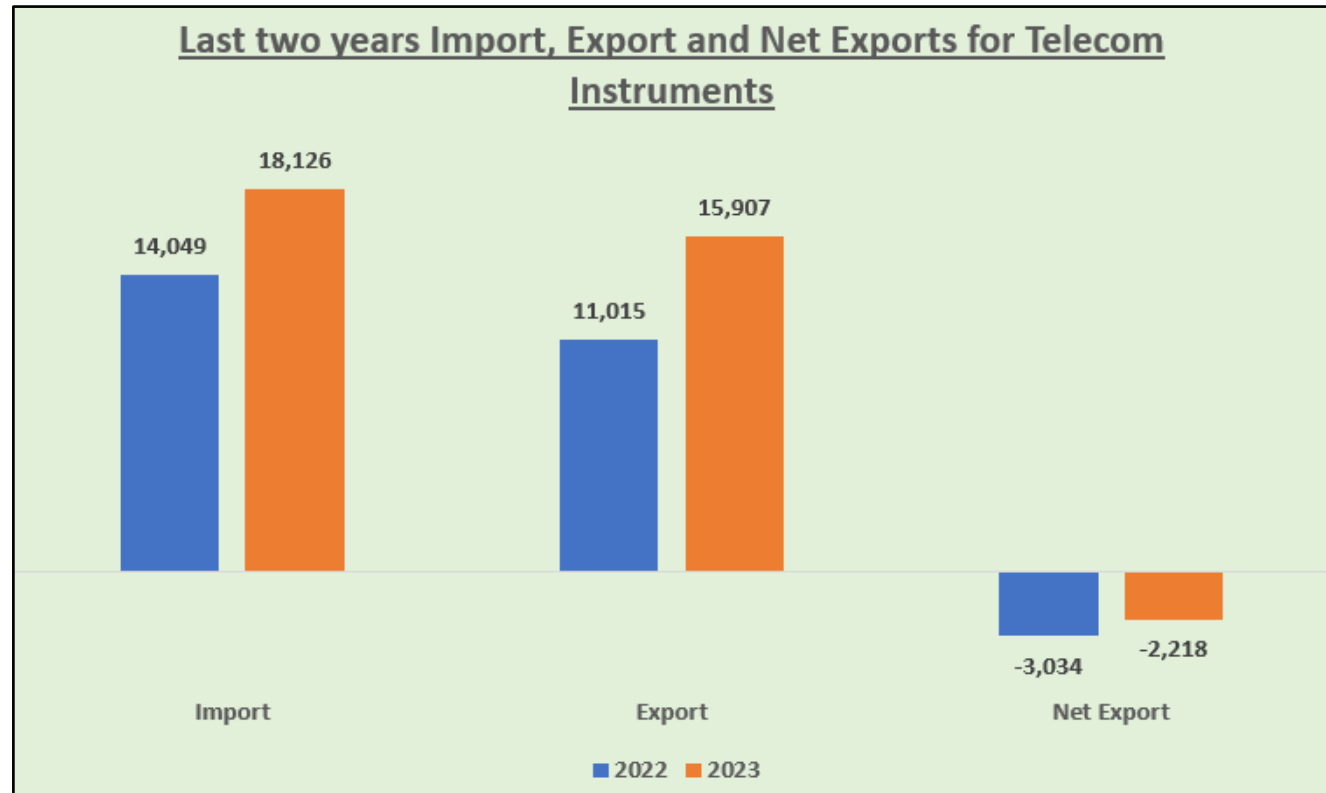


Figure 9 - Imports, Exports & Net Exports for Telecom Instruments in Last two years (2022 & 2023) in USD Million. Source: DoC, MoCI, GoI

As India continues to assert its presence in the global telecommunications landscape, these positive developments serve as encouraging indicators of the sector's evolving competitiveness and its capacity to navigate complex trade dynamics. Moving forward, sustained efforts towards bolstering export capabilities and fostering innovation will be paramount in further strengthening the sector's position on the international stage.

Note: This report is based on open data provided by the Department of Commerce, Ministry of Commerce & Industry, Government of India. MAIT has not changed any data or made any assumptions.
