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[Report drafted and data compiled by Ms. Radhika Gupta, Associate (NAFTA), Mr. Chandan Maity, RA. Edited by Ms. Anjana Tanwar, DD and Mr. Gaurav Gupta, DS]

India-USA Export Analysis Report: Comparing Calendar Year 2023 with Calendar Year 2022

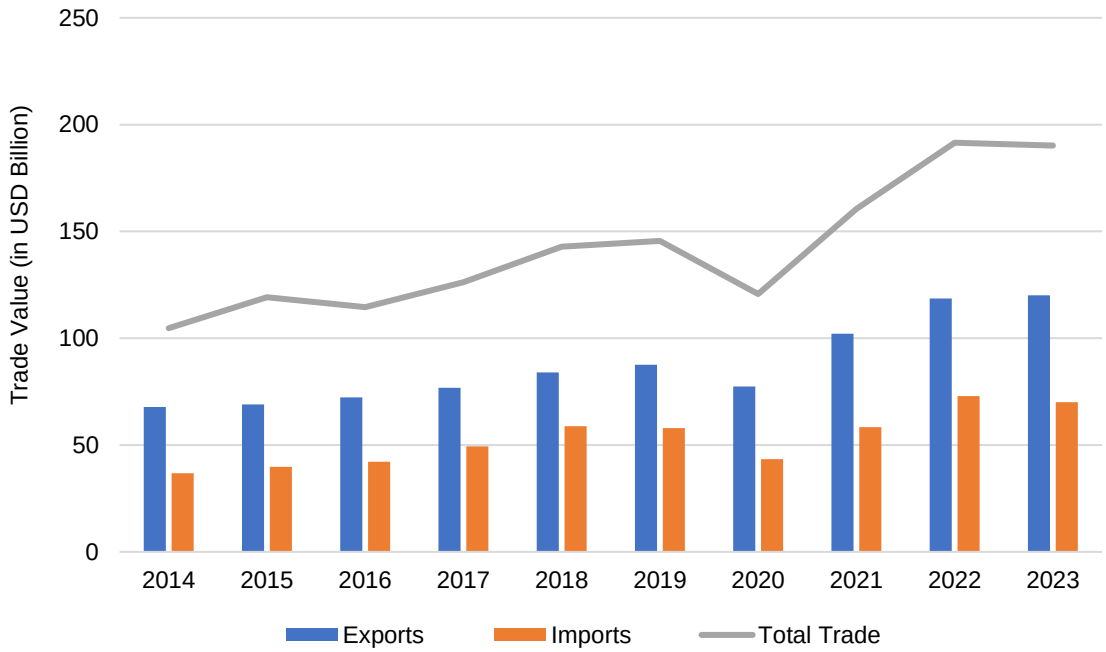
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1. An Overview of India-US Trade Relations

- The **relationship between India and the US is robust and multifaceted, encompassing nearly all aspects of human endeavour**. It continues to advance with significant momentum, particularly in strengthening cooperation in defence, security, and technology sectors.
- India-US **total trade in goods and services reached $191.9 billion in 2022** (India's exports being $118.8 billion and imports being $73.1 billion), **almost doubling from the year 2014**. **In 2023, the total trade between the two countries was $190.2 billion** (India's exports being $120.1 billion and imports being $70.1 billion). *(Figure 1)*
- **USA is the third largest source of FDI in India** with equity investment of $63 billion (April 2000 to December 2023), which represents 9.46% of the cumulative inflows received by India. Over 163 Indian companies invested nearly US$ 40 billion in the U.S., generating employment for close to 425,000 people.

Figure1: India-US Total Bilateral Trade in Goods & Services

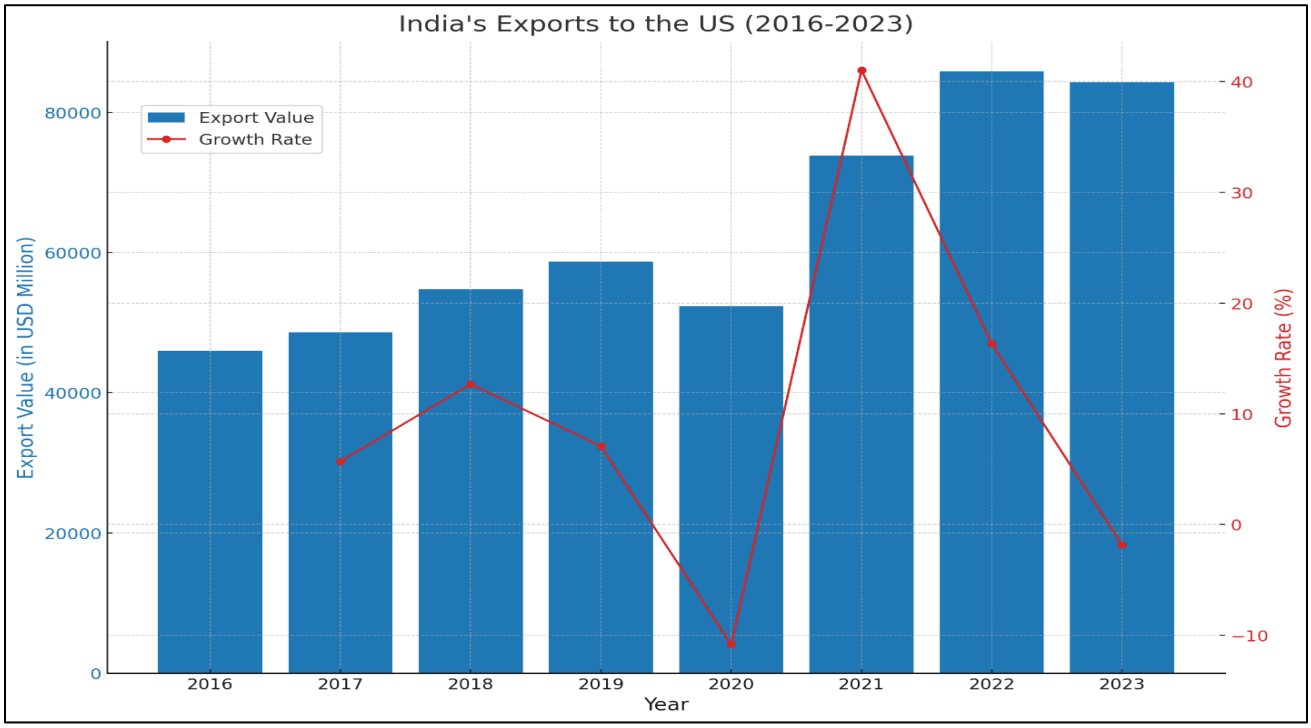


2. Trend of India's exports to the USA

In 2016, India's exports to the US were valued at $46.02 billion. The following year, 2017, saw a growth of 5.70%, with export values rising to $48.64 billion. In 2018, there was a significant growth of 12.68%, and India's exports to the US stood at $54.81 billion. Over the next year, there was a modest increase of 7.07%, taking the export value to $58.69 billion in 2019. However, 2020 saw a notable decline of 10.84% owing to COVID-19 pandemic, with exports dropping to $52.33 billion. The year 2021 witnessed a substantial surge of 41.04%, wherein exports reached $73.8 billion. This positive momentum continued into 2022, though at a moderate pace, with exports growing by 16.32% to $85.84 billion. However, in 2023, there was again a slight decline in the exports by 1.84%, bringing exports down to $84.26 billion, which was in the context of overall decline in US imports from the world and also a global slowdown in trade.

Table 1: Trend of India's exports to the USA

Year	Export Value (in USD Mn)	Growth Rate
2016	46,021.35	-
2017	48,643.35	5.70%
2018	54,809.41	12.68%
2019	58,685.00	7.07%
2020	52,326.48	-10.84%
2021	73,798.98	41.04%
2022	85,841.92	16.32%
2023	84,262.29	-1.84%



Authors' compilation as per data from USITC website

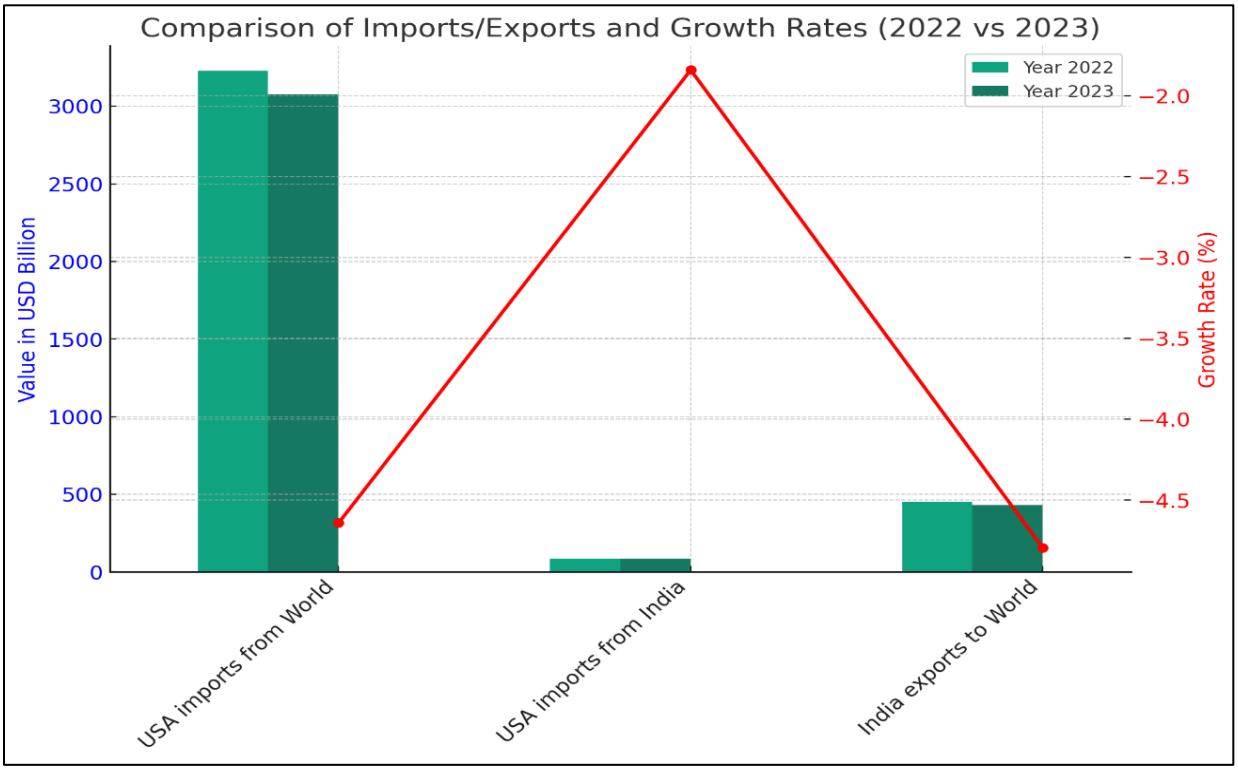
3. Comparison of Exports/Imports and Growth Rates, CY 2022 vs CY 2023

In 2023, there was a decrease in all three metrics, i.e., USA's imports from the world, USA's imports from India, and India's exports to the world, compared to the previous year. However, **the percentage fall in USA's imports from India was smaller than that observed in the other two variables**.

Table 2: USA's Imports from India & the World, and India's Exports to the World

			Values in USD billion
	CY 2022	**CY 2023**	**Growth rate %**
USA imports from World	3226.31	3076.58	-4.64%
USA imports from India	85.84	84.26	-1.84%
India exports to the World	453.26	431.52	-4.80%

Data Sources:
For USA's imports from the world & India- dataweb.usitc.gov
For India's exports to the world- DGCIS Kolkata



Authors' compilation as per data from USITC and DGCIS Kolkata

4. Identifying the most affected sectors and commodities

This section highlights the major sectors and commodities where US imports from India experienced significant setback during the calendar year 2023 relative to the previous year, in contrast to US imports from the world.

4.1 Commodities for which US imports from the world increased (positive growth) but its imports from India declined (negative growth)

In this, we consider only the key commodities for which India's exports to the US was greater than or equal to 50 USD million in CY 2022.

Table 3: Sectoral analysis of key commodities for which US imports from the world increased but its imports from India declined

Sectors	No. of HS codes at 6-digit	USA import from world ($mn)			USA import from India ($mn)			India export to world ($mn)		
		2022	2023	Growth Rate	2022	2023	Growth Rate	2022	2023	Growth Rate
Base Metals	3	2987.7	3499.42	17.1%	197.89	136.11	-31.2%	672.86	906.76	34.8%
Chemicals	5	3258.85	4249.19	30.4%	448.27	414.58	-7.5%	1887.74	2275.28	20.5%
Electrical Machinery	5	37253.44	41746.24	12.1%	1379.46	1126.01	-18.4%	4078.31	4069.5	-0.2%
Furniture / Sports goods	1	9639.95	9877.11	2.5%	95.49	78.22	-18.1%	82.73	109.48	32.3%
Gems / Jewellery	1	11501.02	11764.73	2.3%	2940.86	2613.41	-11.1%	9200.35	11027.56	19.9%
Instruments / Clocks	2	17003.59	19637.37	15.5%	136.36	135.93	-0.3%	535.82	594.29	10.9%
Mechanical Machinery	3	7906.49	8944.06	13.1%	214.52	178.67	-16.7%	1147.64	1082.26	-5.7%
Processed Food	1	699.24	712.4	1.9%	52.09	51.48	-1.2%	376.25	434.73	15.5%
Textile / Clothing	1	142.72	150.05	5.1%	93.34	92.19	-1.2%	294.76	257.46	-12.7%
Transport / Auto	2	97116.13	112054.38	15.4%	447.22	160.4	-64.1%	2014.8	1569.05	-22.1%
Grand Total	**24**	**187509.13**	**212634.95**	**13.4%**	**6005.5**	**4987**	**-17.0%**	**20291.26**	**22326.37**	**10.0%**

❖ **Most affected sectors** *(Table 3)*:

- Transport / Auto (64% fall)
- Base Metals (31% fall)
- Electrical Machinery (18% fall)

- Furniture / Sports goods (18% fall)

❖ **Most affected products** *(detailed list of commodities attached as Appendix-A)*:

- HS 870323- Passenger motor vehicles with spark-ignition internal combustion reciprocating piston engine, cylinder capacity over 1,500 cc but not over 3,000 cc (***97% fall*** in India's exports to the US in 2023 as compared to the previous year)
- HS 850300- Parts of electric motors, generators, generating sets and rotary converters (***57% fall*** in India's exports to the US in 2023 as compared to the previous year)
- HS 851771- Aerials and aerial reflectors of all kinds; parts suitable for use therewith (***46% fall*** in India's exports to the US in 2023 as compared to the previous year)

4.2 Commodities for which Year-over-Year (Y-o-Y) growth of US imports from the world greater than US imports from India

We consider only the key commodities for which India's exports to the US was greater than or equal to 100 USD million in CY 2022.

❖ **Most affected sectors** *(Table 4)*:

- Transport / Auto (58% fall in US imports from India whereas there is 13% increase in its imports from the world)
- Processed Food (24% fall in US imports from India whereas there is 9% increase in its imports from the world)
- Electrical Machinery (16% fall in US imports from India whereas there is 12% increase in its imports from the world)
- Base Metals (45% fall in US imports from India whereas there is only 22% fall in its imports from the world)
- Chemicals (23% fall in US imports from India whereas there is only 7% fall in its imports from the world)

❖ **Most affected products** *(detailed list of commodities attached as Appendix-B)*:

- HS 870323- Passenger motor vehicles with spark-ignition internal combustion reciprocating piston engine, cylinder capacity over 1,500 cc but not over 3,000 cc (***97% fall in India's exports to the US in 2023*** as compared to the previous year, ***while US imports from the world rose by 17%***)
- HS 870321- Passenger motor vehicles with spark-ignition internal combustion reciprocating piston engine, cylinder capacity not over 1,000 cc (***100% fall in India's exports to the US in 2023, while US imports from the world fell merely by 8%***)

- HS 850300- Parts of electric motors, generators, generating sets and rotary converters (***57% fall in India's exports to the US in 2023, which is in contrast to US imports from the world, which increased by 2%***)
- HS 721391- Bars and rods, hot-rolled, in irregularly wound coils, of iron or nonalloy steel, of circular cross-section measuring less than 14mm in diameter, nesoi (100% fall in India's exports to the US in 2023; US imports from the world fell only by 48%)
- HS 230400- Soybean oilcake and other solid residues resulting from the extraction of soy bean oil, whether or not ground or in the form of pellets (67% fall in India's exports to the US in 2023, whereas US imports from the world fell only by 20%)
- HS 720110- Nonalloy pig iron containing 0.5% (wt.) or less phosphorus, in primary forms (India's exports to the US in 2023 shrank by 74%, whereas US imports from the world fell only by 30%)
- HS 760120- Aluminium alloys, unwrought (78% fall in India's exports to the US in 2023; fall in US imports from the world by only 35%)

Table 4: Sectoral analysis of key commodities for which Y-o-Y growth of US imports from the world is greater than US imports from India

Sectors	No. of HS codes at 6-digit	USA Import from World ($mn)			USA Import from India ($mn)			Difference in growth rates between US imports from world and India	India Export to World ($mn)		
		2022	2023	Growth Rate	2022	2023	Growth Rate		2022	2023	Growth Rate
Base Metals	13	24353.54	18993.75	-22.01%	2212.38	1214.64	-45.10%	23.09%	5461.83	4013.09	-26.52%
Chemicals	9	17468.32	16296.65	-6.71%	1353.59	1037.52	-23.35%	16.64%	3655.36	3713.38	1.59%
Electrical Machinery	4	36601.74	41007.56	12.04%	1290.63	1078.32	-16.45%	28.49%	3978.16	4005.47	0.69%
Furniture / Sports goods	3	10867.01	9004.25	-17.14%	559.2	425.92	-23.83%	6.69%	803.46	692.54	-13.81%
Gems / Jewellery	3	35362.97	31765.39	-10.17%	14181.97	10877.2	-23.30%	13.13%	32256.72	28384.87	-12.00%
Headgear/ Glass/ Ceramic	3	5471.62	4617.04	-15.62%	851.56	673.65	-20.89%	5.27%	831.44	844.56	1.58%
Leather / footwear	3	12621.74	9659.31	-23.47%	704.09	441.52	-37.29%	13.82%	1736.06	1278.19	-26.37%
Mechanical Machinery	4	9380.83	8832.24	-5.85%	1194.19	980.14	-17.92%	12.08%	1499.05	1299.24	-13.33%
Plastic / rubber	5	13148.68	11375.06	-13.49%	913.76	658.6	-27.92%	14.44%	3179.61	2777.03	-12.66%
Processed Food	3	6797.16	7381.77	8.60%	355.24	271.55	-23.56%	32.16%	1832.59	2286.9	24.79%
Textile / Clothing	12	27671.99	20839.08	-24.69%	3175.97	2241.25	-29.43%	4.74%	5413.41	4472.79	-17.38%
Transport / Auto	6	104990.99	118862.86	13.21%	1317.56	559.35	-57.55%	70.76%	4769.68	3940.62	-17.38%
Vegetable products/ Oil.	1	494.58	469.87	-5.00%	165.59	155.2	-6.27%	1.28%	438.93	450.29	2.59%
Grand Total	**69**	**305231.17**	**299104.83**	**-2.01%**	**28275.73**	**20614.86**	**-27.09%**	**25.09%**	**65856.3**	**58158.97**	**-11.69%**

5. Identifying the sectors and products having export potential

This section identifies the key sectors and commodities wherein India holds significant potential for exporting to the USA. These are the products for which India has export capacity, the US has import demand but India's existing exports to the US are insignificant. To ascertain these commodities, we use the following criteria:

- US imports from the world in a particular commodity to be at least 500 USD million in CY 2023,
- India's exports to the world in that commodity to be at least 500 USD million in CY 2023,
- But India's exports to the US in CY 2023 are not more 100 USD million.

Table 5: Sectoral analysis of commodities in which India has significant potential in export to the USA

Sectors	No. of HS codes at 6-digit	USA Import from World ($mn)			USA Import from India ($mn)			India Export to World ($mn)			Export Potential*
		2022	2023	Growth Rate	2022	2023	Growth Rate	2022	2023	Growth Rate	
Base Metals	7	22011.97	17258.91	-21.59%	364.1	158.2	-56.55%	10021.9	7977.28	-20.40%	7819.08
Chemicals	6	16659.91	17575.58	5.50%	191.85	237.71	23.90%	5089.07	5519.55	8.46%	5281.84
Leather / footwear	1	1930.48	1592	-17.53%	52.99	39.67	-25.14%	546.54	514.79	-5.81%	475.12
Mechanical Machinery	3	14948.95	18002.99	20.43%	134.16	121.2	-9.66%	4531.79	5148.33	13.60%	5027.13
Plastic / rubber	2	17816.69	15732.82	-11.70%	206.46	146.24	-29.17%	1542.79	1379.94	-10.56%	1233.7
Processed Food	2	2180.2	2307.98	5.86%	10.7	16.99	58.79%	5679.73	3626.42	-36.15%	2290.99
Textile / Clothing	1	2604.39	1982.53	-23.88%	25.09	20.24	-19.33%	664.04	532.09	-19.87%	511.85
Transport/Auto	5	110410	131729.35	19.31%	440.71	50.42	-88.56%	7612.85	7815.93	2.67%	7765.51
Vegetable products/ Oil	1	7110.17	5513.87	-22.45%	11.79	14.01	18.83%	760.56	741.76	-2.47%	727.75
Grand Total	**28**	**195672.76**	**211696.03**	**8.19%**	**1437.85**	**804.68**	**-44.04%**	**36449.27**	**33256.09**	**-8.76%**	**32451.41**

Export Potential= Min (India's exports to the world, US imports from the world) - India's exports to the US

❖ **Major export potential sectors** *(Table 5)*:

- Base Metals
- Transport/Auto
- Chemicals

- Mechanical Machinery

❖ **Major products having export potential** *(detailed list of commodities attached as Appendix-C)***:**

- HS 870322- Passenger motor vehicles with spark-ignition internal combustion reciprocating piston engine, cylinder capacity over 1,000 CC but not over 1,500 CC
- HS 760110- Aluminum, not alloyed, unwrought
- HS 841112- Turbojets of a thrust exceeding 25 KN
- HS 870321- Passenger motor vehicles with spark-ignition internal combustion reciprocating piston engine, cylinder capacity not over 1,000 CC
- HS 290220- Benzene
- HS 300241- Vaccines for human medicine
- HS 840890- Compression-ignition internal combustion piston engines (diesel or semi-diesel engines), nesoi
- HS 170114- Cane sugar in solid form, raw, not containing added flavoring or coloring matter, nesoi

Further, we ascertain the key products in which India has export potential in the US but the US market is dominated by imports from China. The following criteria is used to identify such products:

- US imports from the world in a particular commodity to be more than 100 USD million in CY 2023,
- India's exports to the world in that commodity to be greater than 100 USD million in CY 2023,
- US imports significantly from China (China's market share in the US to be more than 25%) in CY 2023,
- But, India's market share in the US is less than 2% in CY 2023.

❖ **Key sectors** *(detailed in Table 6)***:**

- Electrical Machinery
- Leather/ Footwear
- Plastic/ Rubber
- Transport/ Auto

❖ **Major products** *(detailed list of commodities attached as Appendix-D)*:

- HS 392690- Articles of plastics, nesoi
- HS 871410- Parts and accessories of motorcycles (including mopeds)
- HS 851779- Parts of telephone sets or other apparatus for the transmission or reception of voice, images or other data
- HS 442199- Other articles of wood, nesoi

Table 6: Sectoral analysis of commodities in which India has export potential in the US but US market is dominated by China

Sectors	No. of HS codes at 6-digit	USA Import from World ($mn)		USA Import from India ($mn)		India's market share in the US in 2023	India Export to World ($mn)		USA Import from China ($mn)		China's market share in the US in 2023
		2022	2023	2022	2023		2022	2023	2022	2023	
Chemicals	1	414.62	413.62	0.43	5.08	1.23%	121.36	109.94	172.30	155.03	37.48%
Electrical Machinery	4	26478.35	29964.53	154.34	120.67	0.40%	617.07	860.07	13706.59	16728.07	55.83%
Furniture / Sports goods	3	26664.79	21067.08	210.16	179.61	0.85%	400.25	360.02	21183.45	16216.88	76.98%
Headgear/ Glass/ Ceramic	1	1392.60	1168.85	21.92	16.31	1.40%	146.34	144.17	812.86	578.28	49.47%
Leather / footwear	4	12037.72	8428.65	87.78	52.47	0.62%	919.81	809.07	6731.18	4785.09	56.77%
Mechanical Machinery	2	52265.28	45979.98	4.25	3.33	0.01%	148.92	310.95	47750.86	36200.69	78.73%
Plastic / rubber	3	21072.56	17709.75	179.06	141.07	0.80%	1024.43	1000.47	11439.71	8941.41	50.49%
Transport/ Auto	2	5516.20	5346.03	78.49	74.14	1.39%	854.20	856.33	1749.07	1690.63	31.62%
Wood / paper	1	1636.53	1313.71	13.55	11.05	0.84%	219.78	193.43	598.90	468.07	35.63%
Grand Total	**21**	**147478.65**	**131392.20**	**749.98**	**603.73**	**0.46%**	**4452.16**	**4644.45**	**104144.93**	**85764.14**	**65.27%**

6. In Conclusion

The analysis reveals sectors and products (at HS 6-digit level) where Indian exports experienced a setback as compared to the US imports from the world, including Transport/Auto, Base Metals, Electrical Machinery, etc. covering HS Chapters as 87, 85, 72, 23 and so on. After an in-depth analysis, the specific commodities at HS 6-digit level are identified which have experienced notable decline, such as HS 870323, HS 850300, HS 851771, HS 870321, HS 721391, HS 230400, etc. In some cases, such as in case of steel & aluminium (base metals), passenger vehicles and automobiles, the decline could be due to re-shoring of supply chains in the US or its FTA countries especially USMCA partners (Canada and Mexico) due to tariff and non-tariff barriers such as S232 tariffs, IRA (Inflation Reduction Act) incentives and subsidies. It is **imperative for sectoral divisions, industry bodies, and Export Promotion Councils (EPCs) to conduct a thorough investigation into the reasons behind this decline, identifying potential barriers and implementing strategic measures to address them.**

However, there **exists considerable potential for India to enhance its exports to the US** in sectors such as Chemicals, Mechanical Machinery, Processed Food, etc. as indicated by the disparity between current exports and potential exports. Commodities including HS 841112, HS 290220, HS 300241, HS 170114, etc. represent untapped opportunities for export growth. Going forward, concerted efforts should be directed towards fostering the export of these commodities to capitalize on the identified potential and bolster India's trade relations with the US.

There also exist considerable potential in some commodities at HS 6-digit level, where there is significant market share by China and India's market share is very small but we have significant exports to the world, including sectors such as Electrical Machinery, Leather/ Footwear, Plastic/ Rubber, etc. Since there is need of diversification felt within the US and reduce dependency on single source, we can increase our exports in these areas by giving thrust domestically in these sectors.

APPENDIX- A

Key commodities for which US imports from the world increased but its imports from India declined

	24		USA Import from World ($mn)				USA Import from India ($mn)				India Export to World ($mn)			
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate
87	870323	PASSENGER MOTOR VEHICLES WITH SPARK-IGNITION INTERNAL COMBUSTION RECIPROCATING PISTON ENGINE, CYLINDER CAPACITY OVER 1,500 CC BUT NOT OVER 3,000 CC	79541.55	86730.13	101416.41	16.93%	209.51	286.38	9.68	-96.62%	960.54	1380.07	862.17	-37.53%
85	850300	PARTS OF ELECTRIC MOTORS, GENERATORS, GENERATING SETS AND ROTAARY CONVERTERS	2508.07	2858.50	2904.22	1.60%	99.21	242.93	104.45	-57.00%	803.53	1195.43	1145.2	-4.20%
85	851771	AERIALS AND AERIAL REFLECTORS OF ALL KINDS; PARTS SUITABLE FOR USE THEREWITH	0	651.70	738.68	13.35%	0	88.83	47.69	-46.31%		100.15	64.03	-36.07%
73	730511	LINE PIPE FOR OIL OR GAS PIPELINES, EXTERNAL DIAMETER OVER 406.4 MM (16 IN.), OF IRON OR STEEL, LONGITUDINALLY SUBMERGED ARC WELDED	148.61	254.55	259.09	1.78%	0	63.09	37.08	-41.23%	299.85	372.33	747.83	100.85 %
73	730419	LINE PIPE FOR OIL AND GAS PIPELINES, OF SEAMLESS IRON (OTHER THAN CAST IRON) OR STEEL, NES	200.05	566.36	748.71	32.20%	11.09	55.17	35.06	-36.45%	65.74	148.92	98.19	-34.07%
84	847989	MACHINES AND MECHANICAL APPLIANCES HAVING INDIVIDUAL FUNCTIONS, NESOI	5094.70	5374.85	6301.39	17.24%	90.96	74.34	48.03	-35.39%	561.23	554.59	533.01	-3.89%
73	730429	CASING AND TUBING OF A KIND USED IN DRILLING FOR OIL OR GAS, OF IRON (EXCEPT CAST IRON) OR STEEL	1240.50	2166.79	2491.62	14.99%	7.99	79.63	63.97	-19.67%	18.65	151.61	60.74	-59.94%
94	940199	PARTS OF SEATS, NESOI	0	9639.95	9877.11	2.46%	0	95.49	78.22	-18.09%		82.73	109.48	32.33%
84	841221	HYDRAULIC POWER ENGINES AND MOTORS, LINEAR ACTING (CYLINDERS)	1302.08	1593.30	1654.54	3.84%	36.19	55.8	48.59	-12.92%	72.74	83.71	72	-13.99%
30	300390	MEDICAMENTS (EXCLUDING VACCINES, BANDAGES AND PHARMACEUTICAL GOODS) NESOI, OF TWO OR MORE MIXED CONSTITUENTS, NOT IN MEASURED DOSES, ETC.	579.82	1122.54	1903.41	69.56%	48.78	73.61	65.33	-11.25%	388.37	378.09	347.8	-8.01%
71	711319	JEWELRY AND PARTS THEREOF, OF PRECIOUS METAL OTHER THAN SILVER	11963.79	11501.02	11764.73	2.29%	3158.83	2940.86	2613.41	-11.13%	8419.83	9200.35	11027.56	19.86%
29	293399	HETEROCYCLIC COMPOUNDS WITH NITROGEN HETERO-ATOM(S) ONLY, NESOI	1640.17	1281.13	1451.84	13.32%	107.89	145.72	130.08	-10.73%	838.23	929.39	1328.89	42.99%
32	320300	COLORING MATTER OF VEGETABLE OR ANIMAL ORIGIN AND PREPARATIONS BASED THEREON	227.55	222.50	222.84	0.15%	42.62	54.04	49.19	-8.97%	25.69	21.89	26.31	20.19%
85	850440	ELECTRICAL STATIC CONVERTERS; POWER SUPPLIES FOR ADP MACHINES OR UNITS OF 8471	12517.26	15216.36	17291.75	13.64%	612.15	726.19	664.28	-8.53%	1304.9	1656.39	1619.01	-2.26%
87	870840	GEAR BOXES FOR MOTOR VEHICLES	8364.61	10386.00	10637.97	2.43%	129.3	160.84	150.72	-6.29%	523.89	634.73	706.88	11.37%
30	300450	MEDICAMENTS, IN MEASURED DOSES, ETC., CONTAINING NATURAL OR SYNTHETIC VITAMINS AND THEIR DERIVATIVES	233.66	230.57	257.54	11.70%	57.44	65.89	62.14	-5.69%	284.83	264.98	264.58	-0.15%
85	853890	PARTS FOR ELECTRICAL APPARATUS FOR ELECTRICAL CIRCUITS, BOARDS, PANELS ETC. FOR ELECTRIC CONTROL OR DISTRIBUTION OF ELECTRICITY, NESOI	3067.36	3550.28	3748.84	5.59%	130.81	173.95	164.65	-5.35%	518.56	618.9	641.04	3.58%
84	847490	PARTS OF MACHINERY FOR SORTING, SCREENING, SEPARATING AND KNEADING OR PROCESSING, ETC. EARTH, STONE, ORES OR OTHER MINERAL SUBSTANCES IN SOLID FORM	714.99	938.34	988.13	5.31%	61.14	84.38	82.05	-2.76%	401.51	509.34	477.25	-6.30%
85	853710	BOARDS, PANELS, CONSOLES, ETC. WITH ELECTRICAL APPARATUS, FOR ELECTRIC CONTROL OR DISTRIBUTION OF ELECTRICITY, FOR A VOLTAGE NOT EXCEEDING 1,000 V	12795.66	14976.60	17062.75	13.93%	123.63	147.56	144.94	-1.78%	429.83	507.44	600.22	18.28%

	24		USA Import from World ($mn)				USA Import from India ($mn)				India Export to World ($mn)			
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate
57	570390	CARPETS AND OTHER TEXTILE FLOOR COVERINGS, TUFTED, WHETHER OR NOT MADE UP, NESOI	182.57	142.72	150.05	5.14%	127.37	93.34	92.19	-1.23%	338.61	294.76	257.46	-12.65%
21	210111	COFFEE EXTRACTS, ESSENCES AND CONCENTRATES, AND PREPARATIONS WITH A BASIS OF THESE PRODUCTS OR WITH A BASIS OF COFFEE	442.02	699.24	712.40	1.88%	42.36	52.09	51.48	-1.17%	308.63	376.25	434.73	15.54%
33	330290	MIXTURES OF ODORIFEROUS SUBSTANCES AND MIXTURES (INCLUDING ALCOHOLIC SOLUTIONS) BASED ON ONE OR MORE OF THESE SUBSTANCES USED AS RAW MATERIALS, NESOI	415.06	402.11	413.56	2.85%	78.34	109.01	107.84	-1.07%	272.13	293.39	307.7	4.88%
90	902230	X-RAY TUBES	350.36	350.39	359.64	2.64%	48.34	52.03	51.8	-0.44%	164.39	152.39	148.87	-2.31%
90	901890	INSTRUMENTS AND APPLIANCES FOR MEDICAL, SURGICAL OR VETERINARY SCIENCES, NESOI, AND PARTS AND ACCESSORIES THEREOF	14991.67	16653.20	19277.73	15.76%	71.24	84.33	84.13	-0.24%	342.27	383.43	445.42	16.17%

APPENDIX- B

Key commodities for which Y-o-Y growth of US imports from the world is greater than US imports from India

	69		USA Import from World ($mn)				USA Import from India ($mn)				Difference in growth rates	India Export to World ($mn)			
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate		2021	2022	2023	Growth rate
87	870323	PASSENGER MOTOR VEHICLES WITH SPARK-IGNITION INTERNAL COMBUSTION RECIPROCATING PISTON ENGINE, CYLINDER CAPACITY OVER 1,500 CC BUT NOT OVER 3,000 CC	79541.55	86730.13	101416.41	16.93%	209.51	286.38	9.68	-96.62%	113.55%	960.54	1380.07	862.17	-37.53%
87	870321	PASSENGER MOTOR VEHICLES WITH SPARK-IGNITION INTERNAL COMBUSTION RECIPROCATING PISTON ENGINE, CYLINDER CAPACITY NOT OVER 1,000 CC	2119.57	2268.48	2080.26	-8.30%	225.79	141.68	0.1	-99.93%	91.63%	1429.26	1415.93	1454.91	2.75%
85	850300	PARTS OF ELECTRIC MOTORS, GENERATORS, GENERATING SETS AND ROTAARY CONVERTERS	2508.07	2858.50	2904.22	1.60%	99.21	242.93	104.45	-57.00%	58.60%	803.53	1195.43	1145.2	-4.20%
72	721391	BARS AND RODS,HOT-ROLLED, IN IRREGULARLY WOUND COILS, OF IRON OR NONALLOY STEEL, OF CIRCULAR CROSS-SECTION MEASURING LESS THAN 14MM IN DIAMETER, NESOI	689.55	1077.71	564.03	-47.66%	27.06	109.56	0	-100.00%	52.34%	568.31	292.2	136.94	-53.13%
23	230400	SOYBEAN OILCAKE AND OTHER SOLID RESIDUES RESULTING FROM THE EXTRACTION OF SOY BEAN OIL, WHETHER OR NOT GROUND OR IN THE FORM OF PELLETS	401.92	520.67	414.39	-20.41%	168.73	108.14	35.64	-67.04%	46.63%	916.06	570.59	1115.82	95.56%
72	720110	NONALLOY PIG IRON CONTAINING 0.5% (WT.) OR LESS PHOSPHORUS, IN PRIMARY FORMS	3288.85	3043.96	2144.43	-29.55%	226.49	291.48	75.99	-73.93%	44.38%	465.47	334.87	200.7	-40.07%
76	760120	ALUMINUM ALLOYS, UNWROUGHT	5640.51	7444.77	4812.29	-35.36%	119.28	295.78	65.77	-77.76%	42.40%	1786.34	1798.45	894.7	-50.25%
87	870192	TRACTORS (OTHER THAN TRACTORS OF HEADING 8709), EXCEEDING 18 KW BUT NOT EXCEEDING 37 KW	1109.42	1372.85	901.90	-34.30%	76.26	155.71	46.61	-70.07%	35.76%	333.62	327.46	209.92	-35.89%
73	730792	PIPE OR TUBE FITTINGS, NESOI, IRON OR NONSTAINLESS STEEL THREADED ELBOWS, BENDS AND SLEEVES	342.36	548.55	465.50	-15.14%	66.96	108.59	63.35	-41.66%	26.52%	70.47	84.7	68.15	-19.54%

	69		USA Import from World ($mn)				USA Import from India ($mn)				Difference in growth rates	India Export to World ($mn)			
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate		2021	2022	2023	Growth rate
73	730640	PIPES, TUBES AND HOLLOW PROFILES NESOI, WELDED, OF CIRCULAR CROSS SECTION, OF STAINLESS STEEL	361.52	557.51	404.64	-27.42%	55.81	132.94	61.37	-53.84%	26.42%	119.85	151.46	106.01	-30.01%
29	293399	HETEROCYCLIC COMPOUNDS WITH NITROGEN HETERO-ATOM(S) ONLY, NESOI	1640.17	1281.13	1451.84	13.32%	107.89	145.72	130.08	-10.73%	24.06%	838.23	929.39	1328.89	42.99%
84	841290	PARTS FOR ENGINES AND MOTORS, NESOI	3425.06	2953.57	2735.30	-7.39%	645.46	497.15	349.85	-29.63%	22.24%	433.07	399.83	219.06	-45.21%
85	850440	ELECTRICAL STATIC CONVERTERS; POWER SUPPLIES FOR ADP MACHINES OR UNITS OF 8471	12517.26	15216.36	17291.75	13.64%	612.15	726.19	664.28	-8.53%	22.16%	1304.9	1656.39	1619.01	-2.26%
40	401120	NEW PNEUMATIC TIRES, OF RUBBER, OF A KIND USED ON BUSES OR TRUCKS	5342.35	6824.79	5997.11	-12.13%	88.35	124.24	82.2	-33.84%	21.71%	697.01	771.44	636.92	-17.44%
87	870193	TRACTORS (OTHER THAN TRACTORS OF HEADING 8709), EXCEEDING 37 KW BUT NOT EXCEEDING 75 KW	1239.13	2014.31	1439.56	-28.53%	251.46	456.26	232.14	-49.12%	20.59%	722.85	892.93	602.63	-32.51%
73	732690	ARTICLES OF IRON OR STEEL, NESOI	4946.75	6011.98	5843.84	-2.80%	223.29	289.4	223.6	-22.74%	19.94%	957.38	935.85	865.36	-7.53%
64	640399	FOOTWEAR, WITH OUTER SOLES OF RUBBER, PLASTICS OR COMPOSITION LEATHER AND UPPERS OF LEATHER NESOI, NOT COVERING THE ANKLE	4988.83	6721.81	5414.15	-19.45%	176.27	346.36	211.06	-39.06%	19.61%	319.68	401.4	325.95	-18.80%
85	853710	BOARDS, PANELS, CONSOLES, ETC. WITH ELECTRICAL APPARATUS, FOR ELECTRIC CONTROL OR DISTRIBUTION OF ELECTRICITY, FOR A VOLTAGE NOT EXCEEDING 1,000 V	12795.66	14976.60	17062.75	13.93%	123.63	147.56	144.94	-1.78%	15.70%	429.83	507.44	600.22	18.28%
72	722300	WIRE OF STAINLESS STEEL	199.62	304.26	224.76	-26.13%	71.37	110.08	64.12	-41.75%	15.62%	470.83	502.04	403.78	-19.57%
40	401180	NEW PNEUMATIC TIRES, OF RUBBER, OF A KIND USED ON CONSTRUCTION, MINING OR INDUSTRIAL HANDLING VEHICLES AND MACHINES	677.89	924.13	809.15	-12.44%	136.5	198.94	143.24	-28.00%	15.56%	534.61	629.96	580.61	-7.83%
62	620342	MEN'S OR BOYS' TROUSERS, BIB AND BRACE OVERALLS, BREECHES AND SHORTS OF COTTON, NOT KNITTED OR CROCHETED	4760.50	5837.88	4550.91	-22.05%	143.55	193.11	122.67	-36.48%	14.43%	460.07	489.27	428.27	-12.47%
73	730719	PIPE OR TUBE FITTINGS, CAST, OF IRON NESOI OR STEEL	462.35	609.92	413.63	-32.18%	69.73	118.14	63.4	-46.33%	14.15%	70	77.24	63.58	-17.69%
71	711319	JEWELRY AND PARTS THEREOF, OF PRECIOUS	11963.79	11501.02	11764.73	2.29%	3158.83	2940.86	2613.41	-11.13%	13.43%	8419.83	9200.35	11027.56	19.86%

	69		USA Import from World ($mn)				USA Import from India ($mn)				Difference in growth rates	India Export to World ($mn)			
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate		2021	2022	2023	Growth rate
		METAL OTHER THAN SILVER													
29	291620	CYCLANIC, CYCLENIC OR CYCLOTERPENIC MONOCARBOXYLIC ACIDS, THEIR ANHYDRIDES, HALIDES, PEROXIDES, PEROXYACIDS AND THEIR DERIVATIVES	178.88	272.19	109.95	-59.61%	75.04	148.19	42.28	-71.47%	11.86%	44.66	85.37	76.75	-10.10%
64	640391	FOOTWEAR, WITH OUTER SOLES OF RUBBER, PLASTICS OR COMPOSITION LEATHER AND UPPERS OF LEATHER NESOI, COVERING THE ANKLE	3881.60	5350.69	3819.91	-28.61%	167.47	240.13	144.78	-39.71%	11.10%	779.05	952.99	614.74	-35.49%
85	853890	PARTS FOR ELECTRICAL APPARATUS FOR ELECTRICAL CIRCUITS, BOARDS, PANELS ETC. FOR ELECTRIC CONTROL OR DISTRIBUTION OF ELECTRICITY, NESOI	3067.36	3550.28	3748.84	5.59%	130.81	173.95	164.65	-5.35%	10.94%	518.56	618.9	641.04	3.58%
29	292690	NITRILE FUNCTION COMPOUNDS, NESOI	320.22	384.15	238.47	-37.92%	84.14	125.7	64.56	-48.64%	10.72%	96.44	97	81.42	-16.06%
71	710499	SYNTHETIC OR RECONSTRUCTED PRECIOUS OR SEMIPRECIOUS STONES, WORKED BUT NOT MOUNTED OR SET, NESOI	0	139.12	18.76	-86.52%	0	100.43	2.78	-97.23%	10.72%		8.01	14.16	76.78%
71	710239	DIAMONDS, NONINDUSTRIAL, WORKED, INCLUDING POLISHED OR DRILLED	21265.86	23722.83	19981.90	-15.77%	11407.89	11140.68	8261.01	-25.85%	10.08%	23845.18	23048.36	17343.15	-24.75%
73	732393	TABLE, KITCHEN OR OTHER HOUSEHOLD ARTICLES AND PARTS THEREOF, OF STAINLESS STEEL	2542.48	2245.48	2028.50	-9.66%	187.35	191.65	153.94	-19.68%	10.01%	461.46	432.47	399.85	-7.54%
94	940490	ARTICLES OF BEDDING AND SIMILAR FURNISHINGS (EXCEPT MATTRESSES AND SLEEPING BAGS), FITTED OR STUFFED ETC., INCLUDING QUILTS, PILLOWS AND CUSHIONS	3864.42	2080.55	1684.25	-19.05%	420.71	274.16	196.76	-28.23%	9.18%	734.66	433.47	356.98	-17.65%
87	870840	GEAR BOXES FOR MOTOR VEHICLES	8364.61	10386.00	10637.97	2.43%	129.3	160.84	150.72	-6.29%	8.72%	523.89	634.73	706.88	11.37%
39	392190	PLATES, SHEETS, FILM, FOIL AND STRIP OF PLASTICS, NESOI, NON-CELLULAR PLASTICS NESOI	1417.59	1615.33	1375.10	-14.87%	80.63	105.34	81.27	-22.85%	7.98%	328.26	344.43	280.98	-18.42%
63	630790	MADE-UP TEXTILE ARTICLES, NESOI	6083.81	5526.94	4414.03	-20.14%	168.01	162.28	117.55	-27.56%	7.43%	408.34	386.22	251.53	-34.87%
30	300693	PLACEBOS AND BLINDED OR DOUBLE-BLINDED CLINICAL TRIAL KITS FOR A	0	316.13	275.81	-12.75%	0	107.56	85.86	-20.17%	7.42%		1.18	1.73	46.61%

	69		USA Import from World ($mn)				USA Import from India ($mn)				Difference in growth rates	India Export to World ($mn)			
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate		2021	2022	2023	Growth rate
		RECOGNIZED CLINICAL TRIAL, PUT UP IN MEASURED DOSES													
32	320417	PIGMENTS AND PREPARATIONS BASED THEREON	464.32	569.54	371.66	-34.74%	127.47	161.68	94.52	-41.54%	6.80%	987.64	882.4	683.65	-22.52%
62	620444	WOMEN'S OR GIRLS' DRESSES OF ARTIFICIAL FIBERS, NOT KNITTED OR CROCHETED	422.33	526.42	471.29	-10.47%	107.26	147.69	123.18	-16.60%	6.12%	288.22	297.11	234.46	-21.09%
40	401170	NEW PNEUMATIC TIRES, OF RUBBER OF A KIND USED ON AGRICULTURAL OR FORESTRY VEHICLES AND MACHINES	410.52	631.91	467.46	-26.02%	205.45	353.32	240.45	-31.95%	5.92%	1110.99	1212.45	1082.38	-10.73%
61	610711	MEN'S OR BOYS' UNDERPANTS AND BRIEFS OF COTTON, KNITTED OR CROCHETED	915.41	849.57	631.79	-25.63%	181.13	161.36	110.94	-31.25%	5.61%	220.31	187.68	161.5	-13.95%
83	830629	STAUETTES AND OTHER ORNAMENTS, AND PARTS THEREOF, OF BASE METAL NOT PLATED WITH PRECIOUS METAL	947.85	1062.53	851.11	-19.90%	125.64	134.9	100.59	-25.43%	5.54%	5.35	5.35	8.13	51.96%
68	681099	ARTICLES OF CEMENT, CONCRETE OR ARTIFICIAL STONE, WHETHER OR NOT REINFORCED, NESOI	2751.55	2743.52	2284.51	-16.73%	388.56	516.96	401.95	-22.25%	5.52%	257.15	287.28	276.87	-3.62%
76	760511	ALUMINUM WIRE OF NONALLOYED ALUMINUM, WITH A MAXIMUM CROSS SECTIONAL DIMENSION OF OVER 7 MM	697.80	759.06	682.22	-10.12%	87.81	123.21	104.38	-15.28%	5.16%	310.63	382.7	471.29	23.15%
19	190590	BREAD, PASTRY, CAKES, BISCUITS AND SIMILAR BAKED PRODUCTS, NESOI, AND PUDDINGS, WHETHER OR NOT CONTAINING CHOCOLATE, FRUIT, NUTS OR CONFECTIONARY	4909.12	6156.07	6862.60	11.48%	108.4	127.82	136.33	6.66%	4.82%	165.39	167.65	161.16	-3.87%
87	870194	TRACTORS (OTHER THAN TRACTORS OF HEADING 8709), EXCEEDING 75 KW BUT NOT EXCEEDING 130 KW	1442.66	2219.22	2386.76	7.55%	43.88	116.69	120.1	2.92%	4.63%	58.04	118.56	104.11	-12.19%
29	293339	HETEROCYCLIC COMPOUNDS CONTAINING AN UNFUSED PYRIDINE RING (WHETHER OR NOT HYDROGENATED) IN THE STRUCTUE, NESOI	1288.45	1546.43	1321.18	-14.57%	153.1	172.42	139.33	-19.19%	4.63%	931.37	1077.34	951.61	-11.67%
70	701090	CARBOYS, BOTTLES, FLASKS, JARS, POTS, VIALS, AND OTHER CONTAINERS, OF GLASS, OF A KIND USED FOR THE CONVEYANCE OR PACKING OF	1662.65	1879.97	1649.38	-12.27%	75.52	136.69	113.65	-16.86%	4.59%	292.75	345.67	387.85	12.20%

	69		USA Import from World ($mn)				USA Import from India ($mn)				Difference in growth rates	India Export to World ($mn)			
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate		2021	2022	2023	Growth rate
		GOODS; PRESERVING JARS													
42	420231	ARTICLES NORMALLY CARRIED IN THE POCKET OR HANDBAG, WITH OUTER SURFACE OF LEATHER OR OF COMPOSITION LEATHER	480.30	549.24	425.25	-22.57%	97.9	117.6	85.68	-27.14%	4.57%	350.16	381.67	337.5	-11.57%
94	940320	METAL FURNITURE, NESOI	6791.45	7511.14	6266.64	-16.57%	165.9	178.27	141.06	-20.87%	4.30%	281.53	299.8	254.3	-15.18%
84	841391	PARTS OF PUMPS FOR LIQUIDS	2815.96	3448.44	3237.53	-6.12%	229.08	384.1	344.31	-10.36%	4.24%	467.96	605.13	587.27	-2.95%
62	620630	WOMEN'S OR GIRLS' BLOUSES, SHIRTS AND SHIRT-BLOUSES OF COTTON, NOT KNITTED OR CROCHETED	695.70	929.84	741.45	-20.26%	242.22	336.98	255.21	-24.27%	4.01%	437.98	588.42	546.38	-7.14%
33	330290	MIXTURES OF ODORIFEROUS SUBSTANCES AND MIXTURES (INCLUDING ALCOHOLIC SOLUTIONS) BASED ON ONE OR MORE OF THESE SUBSTANCES USED AS RAW MATERIALS, NESOI	415.06	402.11	413.56	2.85%	78.34	109.01	107.84	-1.07%	3.92%	272.13	293.39	307.7	4.88%
60	600621	KNITTED OR CROCHETED FABRICS, OF COTTON, UNBLEACHED OR BLEACHED, NESOI	145.91	165.39	59.90	-63.78%	135.34	152.92	49.61	-67.56%	3.78%	257.44	181.26	95.19	-47.48%
84	848390	TOOTHED WHEELS, CHAIN SPROCKETS AND OTHER TRANSMISSION ELEMENTS PRESENTED SEPARATELY; PARTS	2008.56	2372.42	2312.61	-2.52%	154.06	199.55	187.33	-6.12%	3.60%	199.27	233.97	242.45	3.62%
15	151530	CASTOR OIL AND ITS FRACTIONS, WHETHER OR NOT REFINED BUT NOT CHEMICALLY MODIFIED	135.80	120.42	104.78	-12.99%	133.11	119.28	99.58	-16.52%	3.53%	1050.27	1094.35	1009.92	-7.72%
62	621142	WOMEN'S OR GIRLS' GARMENTS NESOI, OF COTTON, NOT KNITTED OR CROCHETED	422.06	499.07	405.71	-18.71%	106.34	155.36	121	-22.12%	3.41%	326.24	370.76	307.42	-17.08%
84	848220	TAPERED ROLLER BEARINGS, INCLUDING CONE AND TAPERED ROLLER ASSEMBLIES	511.26	606.40	546.80	-9.83%	73.4	113.39	98.65	-13.00%	3.17%	229.83	260.12	250.46	-3.71%
73	732510	ARTICLES NESOI, OF NONMALLEABLE CAST IRON	214.85	323.31	216.25	-33.11%	100.41	165.29	106.98	-35.28%	2.16%	192.35	243.98	188.81	-22.61%
61	611020	SWEATERS, PULLOVERS, SWEATSHIRTS, VESTS AND SIMILAR ARTICLES OF COTTON, KNITTED OR CROCHETED	8289.23	9759.45	7023.24	-28.04%	520.69	595.47	415.91	-30.15%	2.12%	208.18	245.36	176.17	-28.20%
39	392321	SACKS AND BAGS (INCLUDING CONES), OF POLYMERS OF ETHYLENE	2875.93	3152.52	2726.24	-13.52%	107.83	131.92	111.44	-15.52%	2.00%	211.29	221.33	196.14	-11.38%

	69		USA Import from World ($mn)				USA Import from India ($mn)				Difference in growth rates	India Export to World ($mn)			
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate		2021	2022	2023	Growth rate
30	300439	MEDICAMENTS, IN MEASURED DOSES, ETC., CONTAINING HORMONES OR OTHER STERIODS USED PRIMARILY AS HORMONES, BUT NOT CONTAINING ANTIBIOTICS, NESOI	10963.45	11084.32	10465.47	-5.58%	136.77	162.34	150.06	-7.56%	1.98%	125.62	145.54	146.37	0.57%
63	630532	SACKS AND BAGS, OF A KIND USED FOR THE PACKING OF GOODS: OF MANMADE TEXTILE MATERIALS: FLEXIBLE INTERMEDIATE BULK CONTAINERS	478.26	500.63	350.91	-29.91%	272.26	303.28	207.58	-31.55%	1.65%	982.81	921.77	768.78	-16.60%
30	300432	MEDICAMENTS, IN MEASURED DOSES, ETC., CONTAINING CORTEX HORMONES BUT NOT CONTAINING ANTIBIOTICS	1498.86	1612.32	1648.71	2.26%	153.65	220.97	222.99	0.91%	1.34%	129.62	143.75	135.26	-5.91%
12	121190	PLANTS AND PARTS OF PLANTS (INCLUDING SEEDS AND FRUITS), USED PRIMARILY IN PERFUMERY, PHARMACY OR FOR INSECTICIDES, ETC., FRESH OR DRIED, ETC., NESOI	455.36	494.58	469.87	-5.00%	137.7	165.59	155.2	-6.27%	1.28%	414.41	438.93	450.29	2.59%
73	730791	PIPE OR TUBE FITTINGS, NESOI, IRON OR NONSTAINLESS STEEL FLANGES	221.70	364.50	342.55	-6.02%	87.41	141.36	131.15	-7.22%	1.20%	156.01	220.52	205.79	-6.68%
61	611120	BABIES' GARMENTS AND CLOTHING ACCESSORIES OF COTTON, KNITTED OR CROCHETED	1767.27	1878.17	1209.33	-35.61%	322.41	394.01	250.19	-36.50%	0.89%	808.94	854.43	694.48	-18.72%
68	680293	WORKED MONUMENTAL OR BUILDING STONE NESOI, OF GRANITE	862.30	848.13	683.15	-19.45%	204.78	197.91	158.05	-20.14%	0.69%	178.04	198.49	179.84	-9.40%
63	630251	TABLE LINEN OF COTTON, NOT KNITTED OR CROCHETED	173.12	191.87	156.95	-18.20%	130.93	140.06	114.09	-18.54%	0.34%	26.98	21.85	16.87	-22.79%
62	620442	WOMEN'S OR GIRLS' DRESSES OF COTTON, NOT KNITTED OR CROCHETED	665.20	1006.76	823.57	-18.20%	254.14	433.45	353.32	-18.49%	0.29%	602.92	869.28	791.74	-8.92%
94	940440	QUILTS, BEDSPREADS, EIDERDOWNS AND DUVETS/COMFORTERS	0	1275.32	1053.36	-17.40%	0	106.77	88.1	-17.49%	0.08%		70.19	81.26	15.77%

APPENDIX- C

Major commodities in which India has potential in export to the US

	28		USA Import from World ($mn)				USA Import from India ($mn)				India Export to World ($mn)				Export Potential
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate	
87	870322	PASSENGER MOTOR VEHICLES WITH SPARK-IGNITION INTERNAL COMBUSTION RECIPROCATING PISTON ENGINE, CYLINDER CAPACITY OVER 1,000 CC BUT NOT OVER 1,500 CC	14468.53	18920.94	25038.42	32.33%	0.11	0.16	0.05	-68.75%	2910.44	3487.35	4064.18	16.54%	4064.13
76	760110	ALUMINUM, NOT ALLOYED, UNWROUGHT	4797.05	6703.96	5998.62	-10.52%	9.5	56.17	50.67	-9.79%	5220.74	5702.21	3866.03	-32.20%	3815.36
84	841112	TURBOJETS OF A THRUST EXCEEDING 25 KN	5948.51	6766.96	8693.23	28.47%	0.05	19.44	5	-74.28%	2289.33	2936.67	3499.5	19.17%	3494.50
87	870321	PASSENGER MOTOR VEHICLES WITH SPARK-IGNITION INTERNAL COMBUSTION RECIPROCATING PISTON ENGINE, CYLINDER CAPACITY NOT OVER 1,000 CC	2119.57	2268.48	2080.26	-8.30%	225.79	141.68	0.1	-99.93%	1429.26	1415.93	1454.91	2.75%	1454.81
29	290220	BENZENE	1122.10	1645.37	1730.90	5.20%	119.3	6.5	16.78	158.15 %	1672.41	1594.38	1267.47	-20.50%	1250.69
30	300241	VACCINES FOR HUMAN MEDICINE	0	8620.66	9360.88	8.59%	0	33.67	87.72	160.53 %		758.17	1157.11	52.62%	1069.39
84	840890	COMPRESSION-IGNITION INTERNAL COMBUSTION PISTON ENGINES (DIESEL OR SEMI-DIESEL ENGINES), NESOI	2387.58	2807.14	3008.37	7.17%	37.62	40.38	68.17	68.82%	719.27	1040.53	1115.82	7.24%	1047.65
17	170114	CANE SUGAR IN SOLID FORM, RAW, NOT CONTAINING ADDED FLAVORING OR COLORING MATTER, NESOI	1265.38	1614.21	1642.72	1.77%	1.95	6.35	7.96	25.35%	1346.76	2486.17	973.24	-60.85%	965.28
74	740811	WIRE OF REFINED COPPER, WITH A MAXIMUM CROSS SECTIONAL DIMENSION OVER 6 MM (.23 IN.)	1792.73	1734.45	2008.12	15.78%	0.07	0.33	0.34	3.03%	97.45	142.29	856.44	501.90 %	856.10
87	870323	PASSENGER MOTOR VEHICLES WITH SPARK-IGNITION INTERNAL COMBUSTION RECIPROCATING PISTON ENGINE, CYLINDER CAPACITY OVER 1,500 CC BUT NOT OVER 3,000 CC	79541.55	86730.13	101416.41	16.93%	209.51	286.38	9.68	-96.62%	960.54	1380.07	862.17	-37.53%	852.49
76	760120	ALUMINUM ALLOYS, UNWROUGHT	5640.51	7444.77	4812.29	-35.36%	119.28	295.78	65.77	-77.76%	1786.34	1798.45	894.7	-50.25%	828.93
79	790111	ZINC, NOT ALLOYED, CONTAINING 99.9% OR MORE BY WEIGHT OF ZINC, UNWROUGHT	1172.95	1804.57	1337.69	-25.87%	0	0	17.17	#DIV/0!	804.71	1283.62	797.24	-37.89%	780.07
9	90111	COFFEE, NOT ROASTED, NOT DECAFFEINATED	4819.69	7110.17	5513.87	-22.45%	7.52	11.79	14.01	18.83%	622.63	760.56	741.76	-2.47%	727.75
87	870410	DUMPERS (DUMP TRUCKS) DESIGNED FOR OFF-HIGHWAY USE	1236.05	1658.44	2508.39	51.25%	0	3.03	30.26	898.68 %	293.7	639.47	741.78	16.00%	711.52
33	330499	BEAUTY OR MAKE-UP PREPARATIONS AND PREPARATIONS FOR CARE OF THE SKIN (EXCLUDING MEDICAMENTS) NESOI, INCLUDING	3760.26	4193.46	4627.46	10.35%	40.01	44.49	51.13	14.92%	164.82	285.9	737.14	157.83 %	686.01

	28		USA Import from World ($mn)				USA Import from India ($mn)				India Export to World ($mn)				Export Potential
Chapter	HTS Number	Description	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate	2021	2022	2023	Growth rate	
		SUNSCREENS AND SUNTAN PREPARATIONS													
38	380892	FUNGICIDES, EXCLUDING THOSE SPECIFIED IN SUBHEADING NOTE 1 TO CHAPTER 38	680.26	834.78	729.08	-12.66%	30.9	57.88	44.68	-22.81%	847.04	1143.05	919.1	-19.59%	684.40
39	392690	ARTICLES OF PLASTICS, NESOI	10301.84	10991.90	9735.71	-11.43%	58.35	82.22	64.04	-22.11%	803.59	771.35	743.02	-3.67%	678.98
87	871410	PARTS AND ACCESSORIES OF MOTORCYCLES (INCLUDING MOPEDS)	861.47	832.01	685.87	-17.56%	8.97	9.46	10.33	9.20%	683.58	690.03	692.89	0.41%	675.54
17	170199	CANE OR BEET SUGAR AND CHEMICALLY PURE SUCROSE, REFINED, IN SOLID FORM, NOT CONTAINING ADDED FLAVORING OR COLORING MATTER	518.01	565.99	665.26	17.54%	11.03	4.35	9.03	107.59%	2295.24	3193.56	2653.18	-16.92%	656.23
40	401120	NEW PNEUMATIC TIRES, OF RUBBER, OF A KIND USED ON BUSES OR TRUCKS	5342.35	6824.79	5997.11	-12.13%	88.35	124.24	82.2	-33.84%	697.01	771.44	636.92	-17.44%	554.72
28	281820	ALUMINUM OXIDE, EXCEPT ARTIFICIAL CORUNDUM, NESOI	621.75	805.22	556.10	-30.94%	6.19	12.64	7.26	-42.56%	566.99	735.44	813.82	10.66%	548.84
29	294190	ANTIBIOTICS, NESOI	537.74	560.42	571.16	1.92%	22.85	36.67	30.14	-17.81%	490.03	572.13	624.91	9.23%	541.02
78	780110	REFINED LEAD, UNWROUGHT	1063.41	1218.44	1028.37	-15.60%	0.05	3.75	2.48	-33.87%	302.97	298.64	521.83	74.74%	519.35
72	722220	BARS AND RODS OF STAINLESS STEEL, COLD-FORMED OR COLD-FINISHED	298.06	530.97	556.30	4.77%	3.55	7.75	21.67	179.61%	431.33	453.57	533.88	17.71%	512.21
61	610990	T-SHIRTS, SINGLETS, TANK TOPS AND SIMILAR GARMENTS, OF TEXTILE MATERIALS NESOI, KNITTED OR CROCHETED	1976.78	2604.39	1982.53	-23.88%	19.04	25.09	20.24	-19.33%	637.93	664.04	532.09	-19.87%	511.85
72	721049	FLAT-ROLLED IRON OR NONALLOY STEEL PRODUCTS, NOT CORRUGATED, 600 MM OR MORE WIDE, PLATED OR COATED WITH ZINC OTHER THAN ELECTROLYTICALLY	2325.74	2574.81	1517.52	-41.06%	1.67	0.32	0.1	-68.75%	1292.22	343.12	507.16	47.81%	507.06
84	847989	MACHINES AND MECHANICAL APPLIANCES HAVING INDIVIDUAL FUNCTIONS, NESOI	5094.70	5374.85	6301.39	17.24%	90.96	74.34	48.03	-35.39%	561.23	554.59	533.01	-3.89%	484.98
42	420222	HANDBAGS, WHETHER OR NOT WITH SHOULDER STRAP OR HANDLES, WITH OUTER SURFACE OF PLASTIC SHEETING OR OF TEXTILE MATERIALS	1672.20	1930.48	1592.00	-17.53%	36.21	52.99	39.67	-25.14%	436.1	546.54	514.79	-5.81%	475.12

APPENDIX- D

Key commodities in which India has export potential in the US but US market is dominated by China

	21		USA Import from World ($mn)			USA Import from India ($mn)			Market share of India in US 2023	India Export to World ($mn)			USA Import from China ($mn)		Market share of China in US 2023
Chapter	HTS Number	Description	2022	2023	Growth rate	2022	2023	Growth rate		2022	2023	Growth rate	2022	2023	
39	392690	ARTICLES OF PLASTICS, NESOI	10991.90	9735.71	-11.43%	82.22	64.04	-22.11%	0.66%	771.35	743.02	-3.67%	4594.32	3795.76	38.99%
87	871410	PARTS AND ACCESSORIES OF MOTORCYCLES (INCLUDING MOPEDS)	832.01	685.87	-17.56%	9.46	10.33	9.20%	1.51%	690.03	692.89	0.41%	228.79	177.77	25.92%
64	640319	SPORTS FOOTWEAR (OTHER THAN SKI FOOTWEAR) NESOI, WITH OUTER SOLES OF RUBBER, PLASTICS, LEATHER OR COMPOSITION LEATHER AND UPPERS OF LEATHER	135.27	110.12	-18.59%	1.31	0.84	-35.88%	0.76%	446.47	419.51	-6.04%	48.22	40.85	37.09%
85	851779	PARTS OF TELEPHONE SETS OR OTHER APPARATUS FOR THE TRANSMISSION OR RECEPTION OF VOICE, IMAGES OR OTHER DATA	3575.97	2989.11	-16.41%	38.06	19.51	-48.74%	0.65%	239.58	385.16	60.76%	1176.50	790.22	26.44%
44	442199	OTHER ARTICLES OF WOOD, NESOI	1636.53	1313.71	-19.73%	13.55	11.05	-18.45%	0.84%	219.78	193.43	-11.99%	598.90	468.07	35.63%
85	854442	ELECTRIC CONDUCTORS, FOR A VOLTAGE NOT EXCEEDING 1000 V, FITTED WITH CONNECTORS, NESOI	7118.98	6563.77	-7.80%	86.43	76.47	-11.52%	1.17%	168.95	183.78	8.78%	2549.22	2027.32	30.89%
84	847130	PORTABLE DIGTL AUTOMATIC DATA PROCESSING MACHINES, WEIGHT NOT MORE THAN 10 KG, CONSISTING OF AT LEAST A CENTRAL PROCESSING UNIT, KEYBOARD & A DISPLAY	52148.31	45869.35	-12.04%	0.61	2.27	272.13%	0.00%	63.52	169.15	166.29%	47739.60	36167.89	78.85%
87	870870	ROAD WHEELS AND PARTS AND ACCESSORIES THEREOF FOR MOTOR VEHICLES	4684.19	4660.16	-0.51%	69.03	63.81	-7.56%	1.37%	164.17	163.44	-0.44%	1520.28	1512.87	32.46%
39	392410	TABLEWARE AND KITCHENWARE OF PLASTICS	4938.13	4122.58	-16.52%	26.61	18.09	-32.02%	0.44%	160.45	154.89	-3.47%	3841.35	3205.44	77.75%
85	853400	PRINTED CIRCUITS	2700.64	2333.52	-13.59%	28.03	23.72	-15.38%	1.02%	133.1	152.92	14.89%	866.10	711.02	30.47%
64	640299	FOOTWEAR, WITH OUTER SOLES AND UPPERS OF RUBBER OR PLASTICS NESOI, NOT COVERING THE ANKLE	5516.53	4124.81	-25.23%	54.25	33.16	-38.88%	0.80%	195.22	145.89	-25.27%	3120.45	2370.05	57.46%
95	950300	TRICYCLES, SCOOTERS, PEDAL CARS AND SIMILAR WHEELED TOYS; DOLLS' CARRIAGES; DOLLS; OTHER TOYS; ETC	20351.24	15858.92	-22.07%	109.58	95.33	-13.00%	0.60%	167.05	144.39	-13.56%	16242.68	12171.54	76.75%
69	691010	CERAMIC SANITARY FIXTURES (SINKS, WASHBASINS, BATHS, WATER CLOSET BOWLS AND TANKS, ETC.), OF PORCELAIN OR CHINA	1392.60	1168.85	-16.07%	21.92	16.31	-25.59%	1.40%	146.34	144.17	-1.48%	812.86	578.28	49.47%
84	841940	DISTILLING OR RECTIFYING PLANT	116.97	110.63	-5.42%	3.64	1.06	-70.88%	0.96%	85.4	141.8	66.04%	11.25	32.80	29.65%
85	850760	LITHIUM ION BATTERIES	13082.76	18078.13	38.18%	1.82	0.97	-46.70%	0.01%	75.44	138.21	83.21%	9114.77	13199.50	73.01%
64	640419	FOOTWEAR, WITH OUTER SOLES OF RUBBER OR PLASTICS AND UPPERS OF TEXTILE MATERIALS, NESOI	5803.60	3777.32	-34.91%	23.86	14.03	-41.20%	0.37%	173.28	137.93	-20.40%	3257.18	2139.25	56.63%

	21		USA Import from World ($mn)			USA Import from India ($mn)			Market share of India in US 2023	India Export to World ($mn)			USA Import from China ($mn)		Market share of China in US 2023
Chapter	HTS Number	Description	2022	2023	Growth rate	2022	2023	Growth rate		2022	2023	Growth rate	2022	2023	
95	950510	ARTICLES FOR CHRISTMAS FESTIVITIES AND PARTS AND ACCESSORIES THEREOF	3538.73	3199.40	-9.59%	74.97	59.92	-20.07%	1.87%	127.53	112.1	-12.10%	3172.40	2817.26	88.06%
30	300190	HEPARIN AND ITS SALTS; OTHER HUMAN OR ANIMAL SUBSTANCES PREPARED FOR THERAPEUTIC OR PROPHYLACTIC USES, NESOI	414.62	413.62	-0.24%	0.43	5.08	1081.40 %	1.23%	121.36	109.94	-9.41%	172.30	155.03	37.48%
64	640340	FOOTWEAR, WITH OUTER SOLES OF RUBBER, PLASTICS, LEATHER OR COMPOSITION LEATHER AND UPPERS OF LEATHER, INCORPORATING A PROTECTIVE METAL TOE-CAP	582.32	416.40	-28.49%	8.36	4.44	-46.89%	1.07%	104.84	105.74	0.86%	305.33	234.94	56.42%
95	950699	ARTICLES AND EQUIPMENT FOR SPORTS OR OUTDOOR GAMES, NESOI; SWIMMING POOLS AND WADING POOLS; PARTS AND ACCESSORIES THEREOF	2774.82	2008.76	-27.61%	25.61	24.36	-4.88%	1.21%	105.67	103.53	-2.03%	1768.37	1228.08	61.14%
39	391810	FLOOR COVERINGS AND WALL OR CEILING COVERINGS OF VINYL CHLORIDE POLYMERS	5142.53	3851.46	-25.11%	70.23	58.94	-16.08%	1.53%	92.63	102.56	10.72%	3004.04	1940.21	50.38%