

Monthly Review of Foreign Trade: SEPTEMBER 2022

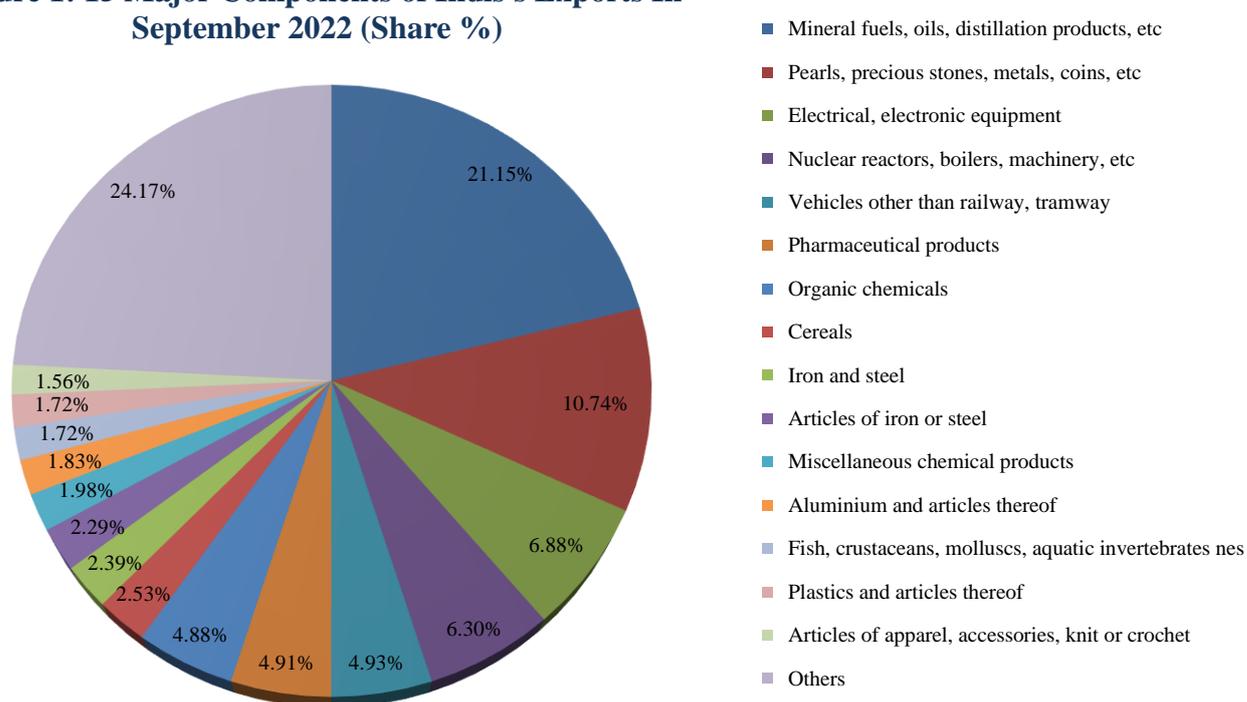
**DGCI&S, Kolkata, Ministry of Commerce & Industry
Commercial Intelligence (CI) Division**

I. Snapshot of India's Exports (Value in Billion USD) by 2- digit ITC HS Commodity Codes, 4 –digit ITC HS Codes and Principal Commodity (PC) Codes

Table 1: Percentage share of merchandise export of TOP 15 two-digit level ITC-HS code wise commodities for the month of September 2022

HS Code (2 Digit)	Name of the Commodities	Export Values (In Billion USD)					Share % of Sep -22	YoY Change % of Sep-22
		Sep-18	Sep-19	Sep-20	Sep-21	Sep-22		
27	Mineral fuels, oils, distillation products, etc	4.36	3.53	3.62	5.34	7.49	21.15	↑ 40.35
71	Pearls, precious stones, metals, coins, etc	3.81	3.60	2.72	3.25	3.81	10.74	↑ 17.14
85	Electrical, electronic equipment	1.08	1.24	1.28	1.54	2.44	6.88	↑ 58.14
84	Nuclear reactors, boilers, machinery, etc	1.93	1.70	1.77	2.13	2.23	6.30	↑ 5.05
87	Vehicles other than railway, tramway	1.58	1.45	1.33	1.71	1.75	4.93	↑ 2.47
30	Pharmaceutical products	1.30	1.42	1.81	1.61	1.74	4.91	↑ 7.92
29	Organic chemicals	1.58	1.43	1.46	1.81	1.73	4.88	↓ -4.81
10	Cereals	0.48	0.39	0.82	0.96	0.90	2.53	↓ -5.99
72	Iron and steel	0.84	0.93	0.95	2.22	0.85	2.39	↓ -61.91
73	Articles of iron or steel	0.62	0.57	0.67	0.73	0.81	2.29	↑ 10.83
38	Miscellaneous chemical products	0.39	0.42	0.45	0.57	0.70	1.98	↑ 23.06
76	Aluminium and articles thereof	0.49	0.48	0.50	0.90	0.65	1.83	↓ -28.04
3	Fish, crustaceans, molluscs, aquatic invertebrates	0.66	0.59	0.53	0.61	0.61	1.72	↓ -0.23
39	Plastics and articles thereof	0.68	0.54	0.58	0.69	0.61	1.72	↓ -11.14
61	Articles of apparel, accessories, knit or crochet	0.60	0.59	0.65	0.77	0.55	1.56	↓ -28.23
	Others	7.46	7.13	8.43	8.98	8.56	24.17	↓ -4.59
	Total Export Value (In Billion USD)	27.87	26.02	27.56	33.81	35.43	100	↑ 4.78

Figure 1: 15 Major Components of Indis's Exports In September 2022 (Share %)



From the Table 1 and Figure 1, it is observed that Mineral fuels, oils, distillation products, etc. (HS Codes 27), Pearls, precious stones, metals, coins, etc. (HS Codes 71) and Electrical, Electronic Equipment etc. (HS Codes 85) proved to be the top 3 commodity groups (ITC_HS 2 digit codes) in India's exports to the world in September 2022, accounting for about 38.77% share of the total export-value in the month of September 2022. Electrical, Electronic Equipment etc. (HS Codes 85) registered the highest YOY increase of 58.14% whereas Iron and Steel (HS Codes 72) registered the maximum YOY decline of 61.91%. All the other commodities registered YoY increases in export from Sept 2021 to Sept 2022, with the exception of Organic Chemicals (HS Code-29), Cereals (HS Code-10), Iron and Steel (HS Code-72), Aluminium and articles thereof (HS Code-76) Fish, crustaceans, molluscs, aquatic invertebrates (HS Code-3), Plastics and articles thereof (HS Code-39) & Articles of apparel, accessories, knit or crochet (HS Code-61).

The following tables elucidate the 4-digit HS codes for the top 5 ITC-HS Commodities with the largest shares in India's export during September 2022

Table: 2(i) Percentage Share of Export of different four-digit level ITC-HS code within the Two-digit level ITC-HS code 27: Mineral, fuel, oil distillation product etc.

HS-Code (4 Digit)	Name of the Commodities	Export Value (in Billion USD)	Export Share %
2710	Petroleum Oils and Oils Obtnd Frm Bitmns Mnrl other Than C	7.24	96.61
2707	Oils And Other Products Of The Distillation Of Hi	0.07	0.97
2716	Electrical Energy	0.06	0.78
2704	Coke And Semi-Coke Of Coal, Of Lignite Or Of Peat, Whether O	0.04	0.54
2711	Petrlm Gases And Othr Gaseous Hydr carbns	0.04	0.47
	Others	0.04	0.63
Total (Billion USD)		7.49	100

Table: 2(ii) Percentage Share of Export of different four-digit level ITC-HS code within the Two-digit level ITC-HS Code 71: Pearls, precious stones, metals, coins, etc

HS-Code (4 Digit)	Name of the Commodities	Export Value (in Billion USD)	Export Share %
7102	Diamonds, Whether Or Not Worked, But Not Mounted Or Set	2.18	57.34
7113	Artcls Of Jewellery And Prts Thereof; Of Prcs Mtl/Of Mtl	1.32	34.71
7104	Synthetic Or Reconstructed Precious Or Semiprecious Stone	0.19	4.96
7103	Prcls(Excl Dimonds)And Semi Prcls Sotns W/N Wrkd/Grd Nt Strn	0.06	1.49
7108	Gold(Incl Gold Pltd Wth Pltnm)Unwrought Or In Semi Mnfctrd	0.02	0.57
	Others	0.04	0.92
Total (Billion USD)		3.81	100

Table: 2(iii) Percentage Share of Export of different four-digit level ITC-HS code within the Two-digit level ITC-HS code 85: Electrical, Electronic Equipment's

HS-Code (4 Digit)	Name of the Commodities	Export Value (in Billion USD)	Export Share %
8517	Elctrcal Aparts Fr Line Telephny/Telgrphy, Incl Telphon Sets	1.03	42.09
8504	Electrical Transformers, Static Converters (For Example, Rec	0.22	8.97
8544	Insulated (Inch Enamelled Or Anodised) Wire, Cable (Incl Co-	0.14	5.79
8523	Preprd Unrecorded Media For Sound Recrdng/Smlr Recrd	0.12	5.10
8503	Parts Suitable For Use Solely Or Principally With T	0.11	4.43
	Others	0.82	33.62
Total (Billion USD)		2.44	100

Table: 2(iv) Percentage Share of Export of different four-digit level ITC-HS code within the Two-digit level ITC-HS code 84: Nuclear reactors, boilers, machinery, etc.

HS-Code (4 Digit)	Name of the Commodities	Export Value (in Billion USD)	Export Share %
8411	Turbo-Jets, Turbo-Propellers And Other Gas Turbines	0.25	11.10
8481	Taps, Cocks, Valves And Similar Appliances For Pipes, Boiler	0.16	7.22
8483	Trnsmsn Shfts And Crnks;Gears;Ball Screws; Bearing Housing	0.16	7.12
8409	Parts Suitable For Use Solely Or Principally With T	0.13	5.65
8408	Compression-Ignition Internal Combustion Piston Engines (Di	0.12	5.19
	Others	1.41	63.72
Total (Billion USD)		2.23	100

Table: 2(v) Percentage Share of Export of different four-digit level ITC-HS code within the Two-digit level ITC-HS code 29: Organic Chemicals. ITC-HS code 87

HS-Code (4 Digit)	Name of the Commodities	Export Value (in Billion USD)	Export Share %
2933	Heterocyclic Compounds With Nitrogen	0.31	18.13
2902	Cyclic Hydrocarbons	0.23	13.57
2942	Other Organic Compounds	0.11	6.40
2922	Oxygen-Function Amino-Compounds	0.08	4.77
2941	Antibiotics	0.08	4.57
	Others	0.94	52.56
Total (Billion USD)		1.75	100

Figure from 2 to 6: Five Major Commodities of India's Exports from Top15 ITC-HS Codes

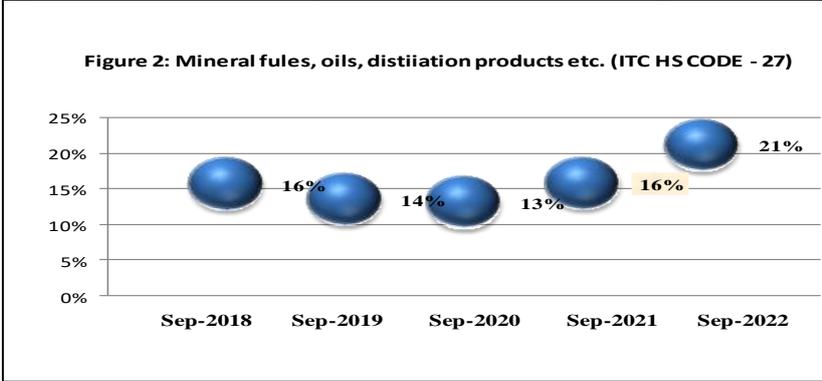


Figure2.
Mineral fuels, oils, distillation products, etc. (ITC HS CODE -27)
 The last five years' trend (from Sept-18 to Sept-22) for commodity group 27 shows an average export share of 16% for India.

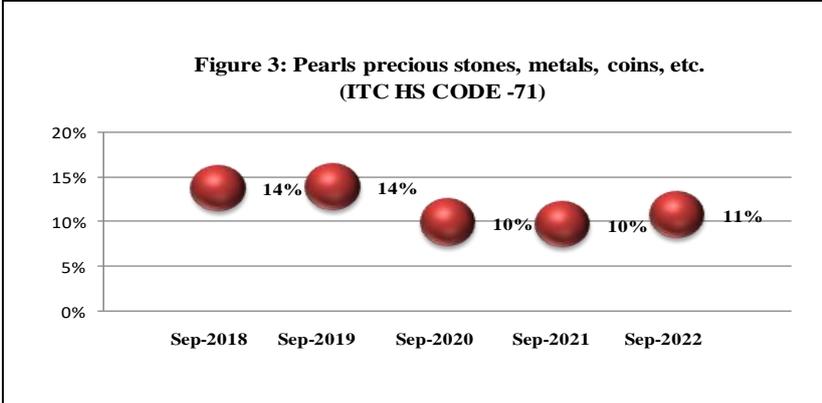


Figure 3.
Pearls precious stones, metals, coins, etc. (ITC HS CODE -71)
 After Sept-18 and Sept-19, commodity group 71 witnessed a plateau in the export share, stabilizing at 10.33%.

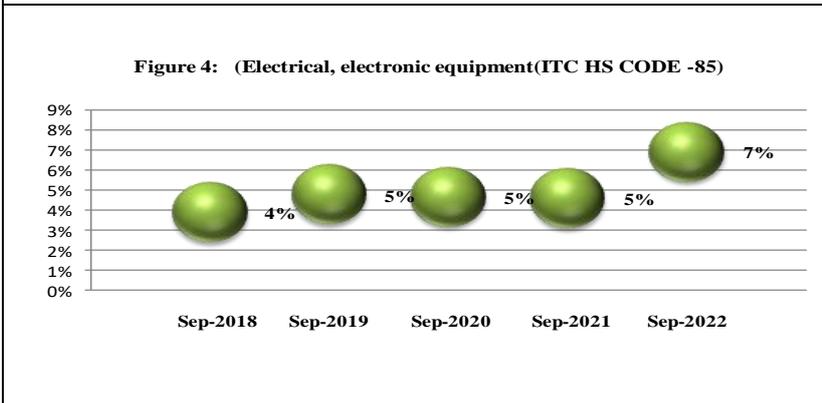


Figure 4:
Electrical, electronic equipment (ITC HS CODE -85)
 Electrical, electronic equipment (ITC HS CODE -85) witnessed a single digit export share %, with the share in Sept-22 at 7%,

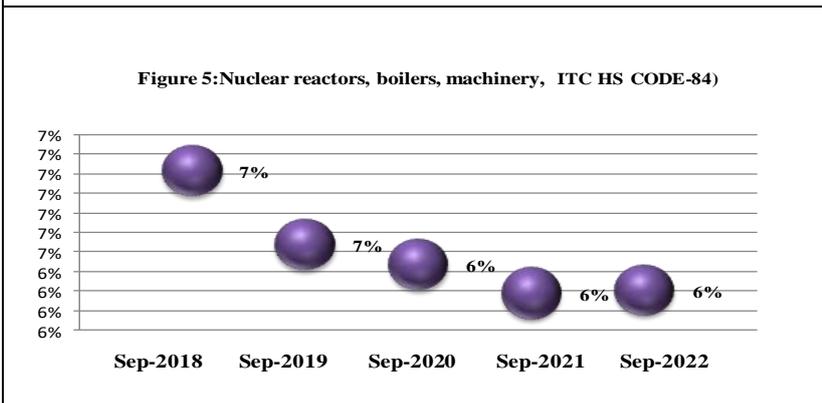


Figure 5:
Nuclear reactors, boilers, machinery (ITC HS CODE - 84)
 The last five years' export share % data (from Sept-18 to Sept-22) for commodity group 84 shows a declining trend, with avg. share hovering at about 6%.

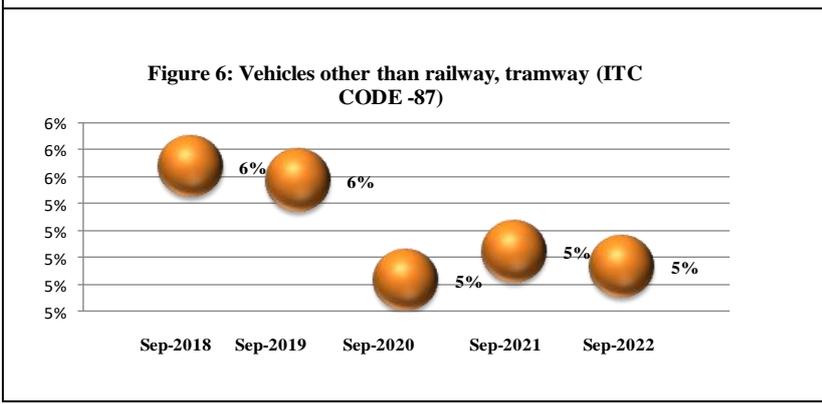
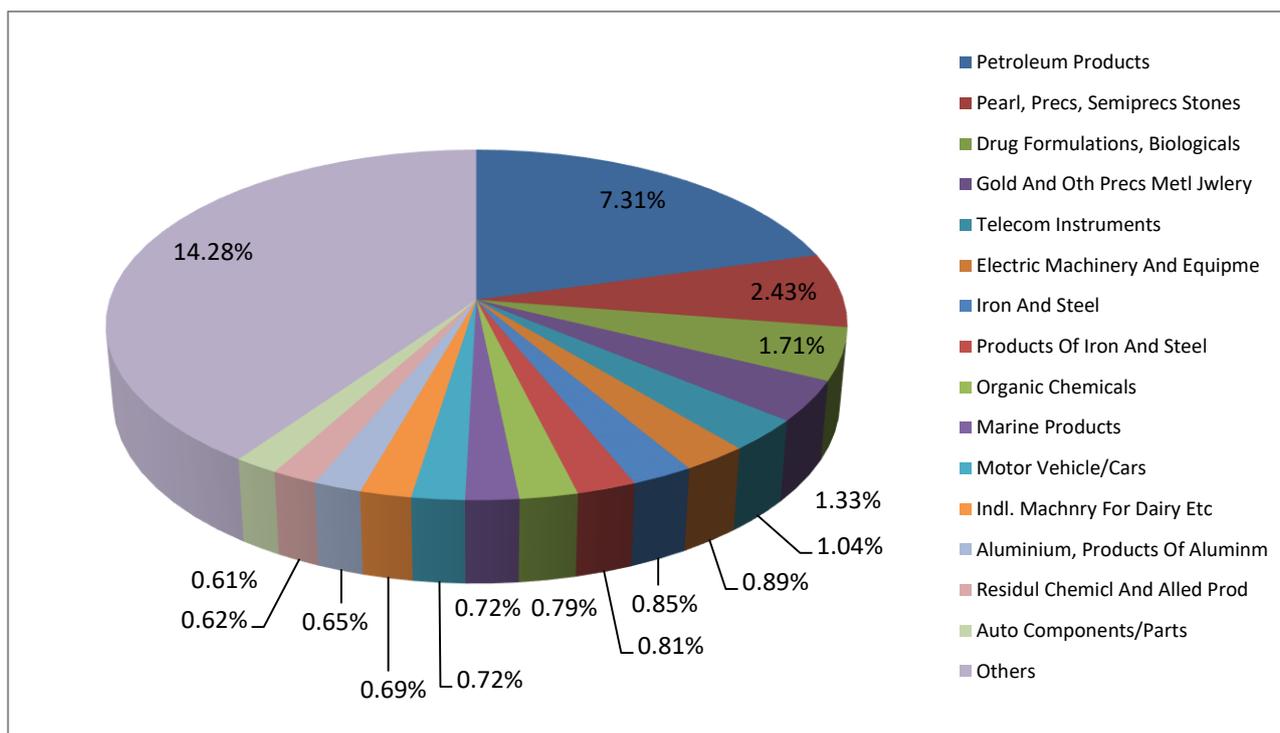


Figure 6.
Vehicles other than railway, tramway (HS Code -87) For commodity group (87), last three years (Sept'20- Sept'22) registered an avg. export share of 5%.

Table 3: Percentage share of merchandise export of TOP 15 Principal Commodity (PC) Code wise commodities for the month of September 2022.

PC Code	Name of the Commodities	Export Values (In Billion USD)					Share % of Sep -22	YoY Change % of Sep-22
		Sep-18	Sep-19	Sep-20	Sep-21	Sep-22		
S6	Petroleum Products	4.23	3.44	3.53	5.20	7.31	20.64	↑ 40.79
G5	Pearl, Precs, Semiprecs Stones	2.69	2.09	1.73	2.11	2.43	6.85	↑ 15.17
H8	Drug Formulations, Biologicals	1.27	1.39	1.78	1.58	1.71	4.81	↑ 7.94
G9	Gold And Oth Precs Metl Jwlery	1.05	1.28	0.74	1.05	1.33	3.75	↑ 26.37
P4	Telecom Instruments	0.18	0.34	0.33	0.45	1.04	2.95	↑ 132.73
N4	Electric Machinery And Equipme	0.84	0.73	0.83	0.81	0.89	2.51	↑ 9.53
L3	Iron And Steel	0.84	0.93	0.95	2.22	0.85	2.39	↓ -61.91
L4	Products Of Iron And Steel	0.61	0.57	0.67	0.73	0.81	2.27	↑ 10.93
I3	Organic Chemicals	0.84	0.65	0.57	0.88	0.79	2.22	↓ -10.91
E7	Marine Products	0.71	0.64	0.60	0.68	0.72	2.03	↑ 6.18
O5	Motor Vehicle/Cars	0.74	0.68	0.54	0.67	0.72	2.02	↑ 6.98
N6	Indl. Machnry For Dairy Etc	0.53	0.45	0.50	0.68	0.69	1.96	↑ 1.71
L5	Aluminium, Products Of Aluminm	0.49	0.48	0.50	0.91	0.65	1.84	↓ -28.05
I7	Residul Chemicl And Alled Prod	0.44	0.46	0.47	0.57	0.62	1.75	↑ 9.16
M3	Auto Components/Parts	0.50	0.46	0.46	0.58	0.61	1.72	↑ 4.49
	Others	11.91	11.42	13.36	14.70	14.28	40.30	↓ -2.83
	Total Export Value (In Billion US)	27.87	26.02	27.56	33.81	35.44	100	↑ 4.82

Figure 7: Top 15 PC Codes Comprising in India’s Export in Sep 22 (Share %) 35.43



From the Table 3 & Figure 7, it is observed that Petroleum products(PC Code S6), Pearls Precious, Semi-Precious Stones(PC Code G5) and Drug formulations, biologicals (PC Code H8) were the top 3 PC Codes as far as India’s Exports to the world in Sep 2022 were concerned, accounting for around 32.30% of the total export-value in Sep 2022. Telecom Instruments (PC Code P4) clocked export value growth of 132.73% (YoY), while Iron and steel (PC Code L3) that showed the highest YoY decline of 61.91%. All the other PC Codes registered YoY increases in export from Sept 2021 to Sept 2022, with the exception of Organic Chemicals (PC Code-I3) & Aluminium, Products of Aluminium (PC Code-L5) respectively.

II. Snapshot of India's Exports (Value in Billion USD) State and District wise.

Table 4: Top 15 State's Export's Share and YoY Change % during September-22(In Billion USD)

State	Export Value (In Billion USD)					Share % of Sep-22	YoY change % of Sep-22
	Sep-18	Sep-19	Sep-20	Sep-21	Sep-22		
Gujarat	5.09	5.03	6.52	9.91	11.61	32.78	↑ 17.16
Maharashtra	6.45	5.69	5.41	5.57	5.73	16.17	↑ 2.80
Tamil nadu	2.56	2.50	2.48	3.06	3.16	8.91	↑ 3.17
Karnataka	1.55	1.37	1.25	1.97	2.17	6.13	↑ 10.46
Uttar pradesh	1.41	1.33	1.57	1.69	1.77	5.01	↑ 4.76
Andhra pradesh	1.01	1.05	1.51	1.46	1.50	4.24	↑ 2.67
Haryana	1.21	0.88	1.04	1.23	1.16	3.27	↓ -5.96
West bengal	0.87	0.88	0.82	1.20	1.13	3.18	↓ -6.36
Telangana	0.59	0.64	0.82	0.87	0.98	2.75	↑ 11.53
Rajasthan	0.61	0.59	0.60	0.79	0.79	2.23	↓ 0.01
Delhi	0.65	0.79	0.89	0.75	0.69	1.96	↓ -7.37
Odisha	0.65	0.55	0.88	1.35	0.68	1.92	↓ -49.65
Madhya pradesh	0.57	0.46	0.58	0.66	0.57	1.62	↓ -12.73
Punjab	0.47	0.42	0.48	0.59	0.52	1.46	↓ -12.58
Kerala	0.69	0.78	0.31	0.37	0.40	1.12	↑ 7.25
Others	3.49	3.08	2.40	2.33	2.57	7.25	↑ 10.45
Total Export Value (In Billion USD)	27.87	26.02	27.56	33.81	35.43	100	↑ 4.78

Figure8: Share% of Top 15 State's Export September-22

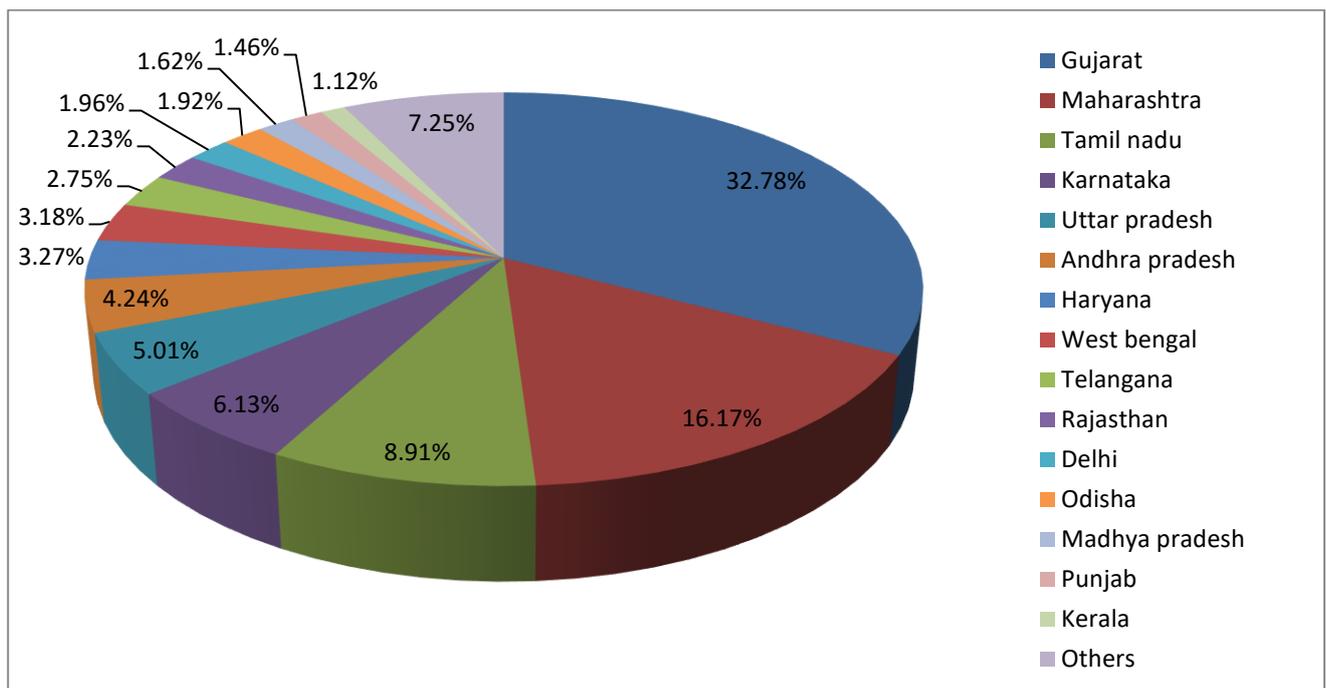


Table 4 and Figure 8 establish that Gujarat, Maharashtra & Tamil Nadu constituted the top 3 States in India's exports to the world in September 2022, accounting for 57.86% of the total export-value in September 2022. Almost all the top 15 states showed Year on Year (YoY) % increases. All the other states registered YoY increases in export in September 2022, with the exception of Haryana, West Bengal, Rajasthan, Delhi, Odisha, Madhya Pradesh and Punjab that showed the YoY decline of 5.96%, 6.36%, 0.01%, 7.37%, 49.65%, 12.73% and 12.58% respectively.

Table from 4(i) to 4(v) and Figure from 8 (i) to 8(v): Top five Districts from Top 15 India's Exporting State in September 2022.

Table 4(i) & Figure 8(i) Top five districts Exports Share (%) in the state of Gujarat

District	Billion USD	Share %	Figure 8(i): Top five district from Gujarat State
Jamnagar	4.92	42.38	
Surat	1.66	14.26	
Bharuch	0.92	7.91	
Ahmadabad	0.86	7.38	
Kachchh	0.75	6.44	
Other	2.50	21.63	
Total	11.61	100	

Table 4(i) and Figure 8(i) delineate that Jamnagar accounts for 42.38% of the total share of Gujarat state's export to the world, followed by Surat, Bharuch, Ahmadabad & Kachchh each with a share of 14.26%, 7.91%, 7.38% & 6.44% respectively.

Table 4(ii)& Figure 8(ii) Top five district Exports Share (%) in the state of Maharashtra

District	Billion USD	Share %	Figure 8(ii): Top five district from Maharashtra State
Mumbai Suburban	1.29	22.55	
Mumbai	1.27	22.21	
Pune	0.98	17.16	
Thane	0.44	7.76	
Raigad	0.41	7.18	
Other	1.33	23.14	
Total	5.73	100	

Table 4(ii) and Figure 8(ii) demonstrate that Mumbai Suburban accounts for more than 22.55% of the total share of Maharashtra state's export to the world, followed by Mumbai, Pune, Thane & Raigad each with a share of 22.21%, 17.16%, 7.66% & 7.18% respectively.

Table 4(iii) & Figure 8(iii) Top five district Exports Share (%) in the state of Tamil Nadu

District	Billion USD	Share %	Figure 8(iii): Top five district from Tamil Nadu State
Kanchipuram	1.02	32.24	
Chennai	0.52	16.41	
Tiruppur	0.32	10.11	
Coimbatore	0.26	8.38	
Thiruvallur	0.22	7.12	
Other	0.82	25.74	
Total	3.16	100	

Table 4(iii) & Figure 8(iii) establish that Kanchipuram accounts for more than 32.24% of the total share of Tamilnadu state's export to the world, followed by Chennai, Tiruppur, Coimbatore & Thiruvallur each with a share of 16.41%, 10.11%, 8.38% & 7.12% respectively.

Table 4(iv) & Figure 8(iv) Top five district Exports Share (%) in the state of Karnataka

District	Billion USD	Share %	Figure 8(iv): Top five district from Karnataka State
Dakshina Kannada	0.71	32.67	
Bengaluru Urban	0.63	29.05	
Bengaluru Rural	0.22	10.34	
Kolar	0.21	9.49	
Mysuru	0.06	2.72	
Other	0.34	15.73	
Total	2.17	100	

Table 4(iv) & Figure 8(iv) elucidate that Dakshina Kannada accounts for 32.67% of the total share of Karnataka state’s export to the world, followed by Bengaluru Urban, Bengaluru Rural, Kolar & Mysuru each with a share of 29.05%, 10.34%, 9.49% & 2.72% respectively.

Table 4(v) & Figure 8(v) Top five district Exports Share (%) in the state of Uttar Pradesh

District	Billion USD	Share %	Figure 8(v): Top five district from Uttar Pradesh State
Gautam Buddha Nagar	0.87	49.19	
Ghaziabad	0.13	7.16	
Moradabad	0.10	5.84	
Kanpur Nagar	0.09	5.18	
Aligarh	0.07	4.18	
Other	0.51	28.45	
Total	1.77	100	

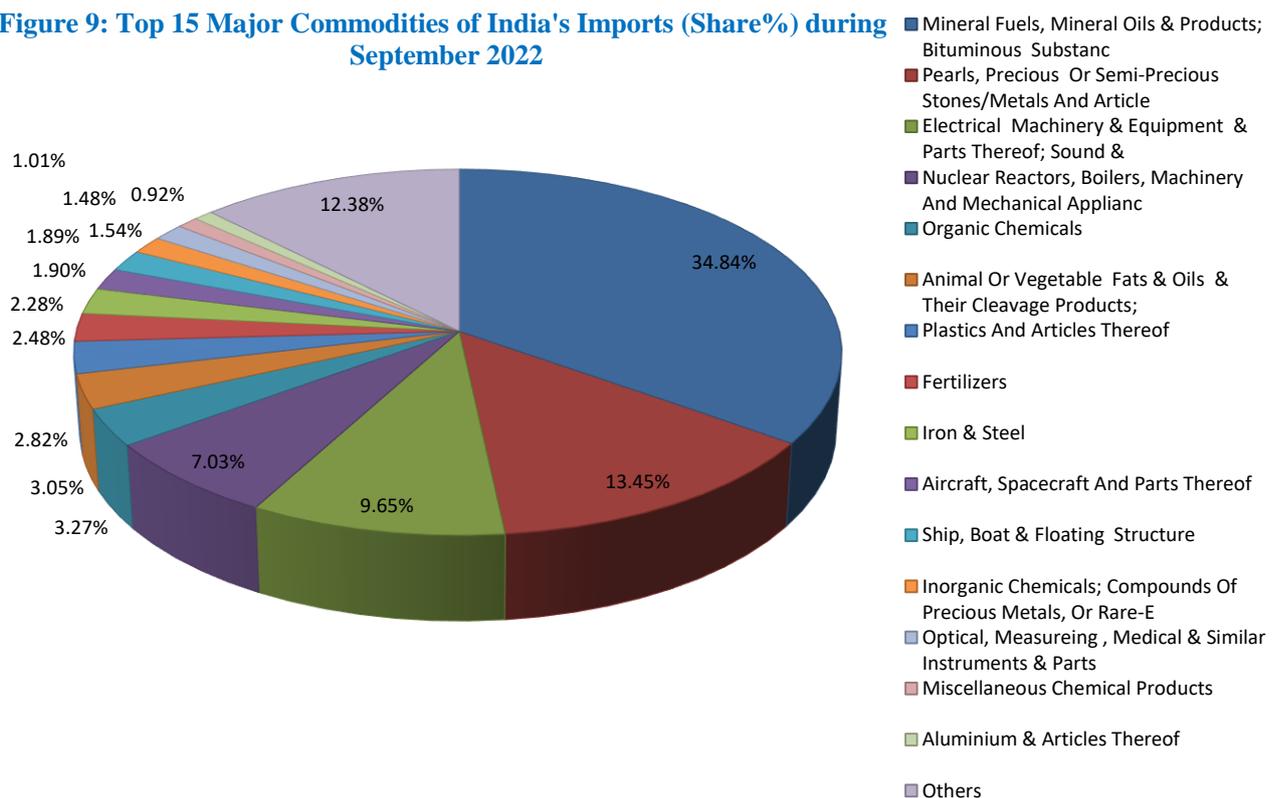
Table 4(v) & Figure 8(v) elucidate that Gautam Buddha Nagar accounts for more than 49.19% of the total share of Uttar Pradesh state’s export to the world, followed by Ghaziabad, Moradabad, Kanpur Nagar, & Aligarh, each with a share of 7.16%, 5.84%, 5.18% & 4.18% respectively.

III. Snapshot of India's Imports (Value in Billion USD) by 2- digit ITC HS Commodity Codes, 4 –digit ITC HS Codes and Principal Commodity (PC) Codes

Table 5: Percentage share of merchandise Imports of TOP 15 two-digit level ITC-HS code wise commodities for the month of September 2022.

HS Code (2 Digit)	Name of the Commodities	Import Values (In Billion USD)					Share % of Sep - 22	YoY Change % of Sep-22
		Sep-18	Sep-19	Sep-20	Sep-21	Sep-22		
27	Mineral Fuels, Mineral Oils & Products; Bituminous Substanc	13.18	10.73	7.12	19.04	22.53	34.84	↑ 18.33
71	Pearls, Precious Or Semi-Precious Stones/Metals And Article	5.65	3.71	2.83	8.35	8.70	13.45	↑ 4.22
85	Electrical Machinery & Equipment & Parts Thereof; Sound &	5.05	5.04	5.00	5.70	6.24	9.65	↑ 9.42
84	Nuclear Reactors, Boilers, Machinery And Mechanical Applianc	3.57	4.13	3.09	4.38	4.55	7.03	↑ 3.90
29	Organic Chemicals	1.87	1.61	1.53	2.30	2.12	3.27	↓ -7.87
15	Animal Or Vegetable Fats & Oils & Their Cleavage Products;	0.93	0.75	0.88	2.03	1.97	3.05	↓ -3.12
39	Plastics And Articles Thereof	1.29	1.15	1.07	1.63	1.82	2.82	↑ 11.71
31	Fertilizers	0.44	0.94	0.83	1.03	1.60	2.48	↑ 55.03
72	Iron & Steel	1.03	0.85	0.61	0.98	1.47	2.28	↑ 49.87
88	Aircraft, Spacecraft And Parts Thereof	0.84	0.78	0.15	0.70	1.23	1.90	↑ 75.81
89	Ship, Boat & Floating Structure	0.13	0.12	0.22	0.15	1.22	1.89	↑ 704.08
28	Inorganic Chemicals; Compounds Of Precious Metals, Or Rare-E	0.59	0.47	0.54	0.90	0.99	1.54	↑ 10.78
90	Optical, Measureing , Medical & Similar Instruments & Parts	0.82	0.76	0.71	0.90	0.96	1.48	↑ 6.26
38	Miscellaneous Chemical Products	0.49	0.48	0.53	0.59	0.66	1.01	↑ 11.80
76	Aluminium & Articles Thereof	0.48	0.33	0.32	0.47	0.59	0.92	↑ 25.88
	Others	6.47	5.85	5.08	7.12	8.01	12.38	↑ 12.41
	TOTAL IMPORT VALUE (IN BILLION USD)	42.82	37.69	30.52	56.29	64.67	100	↑ 14.90

Figure 9: Top 15 Major Commodities of India's Imports (Share%) during September 2022



From the Table 5 and Figure 9, it is observed that Mineral fuels, oils, distillation products, etc. (HS Code 27), Pearls, precious stones, metals, coins, etc. (HS Code 71) and Electrical, electronic equipment (HS Code 85) constituted the top 3 commodity groups (ITC-HS 2 digit codes) in India's imports from the world in September 2022, accounting for 57.94% share of the total import-value in September 2022. Moreover, almost all the top commodities showed YoY increases from September 2021 to September 2022, with the exception of Organic Chemical (HS Code 29) and Animal or Vegetables fat & Oil (HS Code 15) that showed a YoY decline of 7.87% and 3.12% respectively.

The following tables illustrate the 4-digit HS codes for the top 5 ITC-HS Chapters constituting the largest shares in India's import value during September 2022

Table: 6(i) Percentage Share of Import of different four-digit level ITC-HS code within the Two-digit level ITC-HS code 27: Mineral, fuel, etc

HS - Code(4 Digit)	Name of the Commodities	Import Value (in Billion USD)	Import Share %
2709	Petroleum Oils And Oils Obtained From Bituminous Mineral	14.90	66.14
2701	Coal Briquettes Ovoids And Similar Solid Fuels Manu	3.44	15.25
2711	Petrlm Gases And Othr Gaseous Hydr carbns	2.43	10.79
2710	Petroleum Oilsand Oils Obtnd Frm Bitmns Mnrlother Than C	1.19	5.28
2713	Petrolm Coke Petrolm Bitumn And Othr Resdus Of Petrlm Oils/O	0.25	1.12
	Others	0.32	1.42
	Total (Billion USD)	22.53	100

Table: 6(ii) Percentage Share of Import of different four-digit level ITC-HS code within the Two-digit level ITC-HS code 71: Pearls, precious stones, metals, coins, etc.

HS-Code(4 Digit)	Name of the Commodities	Import Value (in Billion USD)	Import Share %
7108	Gold(Incl Gold Pld Wth Pltnm)Unwrought Or In Semi Mnfctrd	3.85	44.2
7102	Diamonds, Whether Or Not Worked, But Not Mounted Or Set	2.24	25.71
7106	Silvr(Incl Silvr Pld Wth Gold/Pltnm) Unwrght/In Semi Mn	1.06	12.19
7110	Pltnm Unwrght/Semi Mnfctrd/Pwdr Forms	1	11.48
7103	Prcls(Excl Dimonds)And Semi Prcls Sotns W/N Wrkd/Grd Nt Strn	0.28	3.21
	Others	0.27	3.21
	Total (Billion USD)	8.70	100

Table: 6(iii) Percentage Share of Import of different four-digit level ITC-HS code within the Two-digit level ITC-HS code 85: Electrical etc

HS- Code(4 Digit)	Name of the Commodities	Import Value (in Billion USD)	Import Share %
8542	ELCTRNC INTEGRTD CIRCUITS AND MICRO-ASSMBLS	1.59	25.51
8517	ELCTRCL APARTS FR LINE TELEPHNY/TELGRPHY, INCL TELPHON SETS	1.50	24.02
8507	ELCTRC ACCUMLTRS,INCL SEPARATORS THEREFOR W/N RECTA	0.30	4.89
8541	SEMCOND DVS[SCD](DIOD,TRNSTR,TRNSDCER); P SENST [SCD],P VOL	0.27	4.29
8504	ELECTRICAL TRANSFORMERS, STATIC CONVERTERS (FOR EXAMPLE, REC	0.24	3.83
	Others	2.34	37.46
	Total (Billion USD)	6.24	100.00

Table: 6(iv) Percentage Share of Import of different four-digit level ITC-HS code with in the Two-digit level ITC-HS code 84: Nuclear reactors, boilers machinery, etc

HS-Code(4 Digit)	Name of the Commodities	Import Value (in Billion USD)	Import Share %
8471	AUTOMATIC DATA PROCESSING MACHINES AND UNITS	0.88	19.28
8411	TURBO-JETS, TURBO-PROPELLERS AND OTHER GAS TURBINES	0.34	7.55
8473	PARTS AND ACCESSORIES OTH THN COVERS, CARRYING CASES)SUITABL	0.27	5.86
8479	MCHNS AND MCHNCL APPLNCS HVNG INDVDL FUNCTNS,N.E.S.	0.18	4.02
8414	AIR/VACUUM PUMPS,AIR/OTHR GAS COMPRSRS AND FANS;VNTLTNG/RCY	0.17	3.83
	Others	2.71	59.46
	Total (Billion USD)	4.55	100

Table: 6(v) Percentage Share of Import of different four digit level ITC-HS code within the Two digit level ITC-HS code 29: Organic Chemicals.

HS-Code(4 Digit)	Name of the Commodities	Import Value (in Billion USD)	Import Share %
2905	ACYCLIC ALCOHOLS AND THEIR HALOGENATED, SULPHONATED, NITRA	0.23	11.03
2902	CYCLIC HYDROCARBONS	0.21	9.91
2933	HETEROCYCLIC COMPOUNDS WITH NITROGEN	0.21	9.75
2915	SATRDT ACYLC MONOCRBOXYLIC ACIDS AND THR ANHYDRTDS,HALIDS	0.15	6.95
2901	ACYCLIC HYDROCARBONS	0.14	6.41
	Others	1.18	55.95
	Total (Billion USD)	2.12	100

Figure from 10 to 14: Top 5 Major Commodities of India's Imports from Top 15 ITC-HS Codes during September 2018 to September 2022

<p>Figure 10: Mineral fuels, oils, distillation products, etc. (ITC HS CODE -27)</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Share (%)</th> </tr> </thead> <tbody> <tr> <td>Sep - 18</td> <td>31%</td> </tr> <tr> <td>Sep - 19</td> <td>28%</td> </tr> <tr> <td>Sep - 20</td> <td>23%</td> </tr> <tr> <td>Sep - 21</td> <td>34%</td> </tr> <tr> <td>Sep - 22</td> <td>35%</td> </tr> </tbody> </table>	Year	Share (%)	Sep - 18	31%	Sep - 19	28%	Sep - 20	23%	Sep - 21	34%	Sep - 22	35%	<p>Figure 10: <u>Mineral fuels, oils, distillation products, etc. (ITC HS CODE - 27)</u> Roughly 30-35% of import value is accounted for by commodity group 27, i.e. Mineral fuels, oils, distillation products, etc., over the five year period, from Sept-18 to Sept-22.</p>
Year	Share (%)												
Sep - 18	31%												
Sep - 19	28%												
Sep - 20	23%												
Sep - 21	34%												
Sep - 22	35%												
<p>Figure 11: PEARLS, PRECIOUS OR SEMI-PRECIOUS STONES METALS AND ARTICLE (ITC HS CODE 71)</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Share (%)</th> </tr> </thead> <tbody> <tr> <td>Sep - 18</td> <td>13%</td> </tr> <tr> <td>Sep - 19</td> <td>10%</td> </tr> <tr> <td>Sep - 20</td> <td>9%</td> </tr> <tr> <td>Sep - 21</td> <td>15%</td> </tr> <tr> <td>Sep - 22</td> <td>13%</td> </tr> </tbody> </table>	Year	Share (%)	Sep - 18	13%	Sep - 19	10%	Sep - 20	9%	Sep - 21	15%	Sep - 22	13%	<p>Figure 11: <u>Pearls, precious stones, metals, coins, etc. (ITC HS CODE -71)</u> During Sep-18, commodity group 71 charted a share of 13.20% which declined to 9.85% in Sep-19 and further to 9.28% in Sep-20. In Sep-21, the import share increased to 14.84% before dropping to 13.45% in Sep-22.</p>
Year	Share (%)												
Sep - 18	13%												
Sep - 19	10%												
Sep - 20	9%												
Sep - 21	15%												
Sep - 22	13%												
<p>Figure 12: Electrical, electronic equipmen(ITC HS CODE 85)</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Share (%)</th> </tr> </thead> <tbody> <tr> <td>Sep - 18</td> <td>12%</td> </tr> <tr> <td>Sep - 19</td> <td>13%</td> </tr> <tr> <td>Sep - 20</td> <td>16%</td> </tr> <tr> <td>Sep - 21</td> <td>10%</td> </tr> <tr> <td>Sep - 22</td> <td>10%</td> </tr> </tbody> </table>	Year	Share (%)	Sep - 18	12%	Sep - 19	13%	Sep - 20	16%	Sep - 21	10%	Sep - 22	10%	<p>Figure 12: <u>Electrical, electronic equipment (ITC HS CODE -85)</u> Commodity group (85) recorded an import share of 10% in Sept-22, falling from a high of 16% in Sept-20.</p>
Year	Share (%)												
Sep - 18	12%												
Sep - 19	13%												
Sep - 20	16%												
Sep - 21	10%												
Sep - 22	10%												
<p>Figure 13: Nuclear reactors, boilers, machinery, etc. (ITC HS CODE - 84)</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Share (%)</th> </tr> </thead> <tbody> <tr> <td>Sep - 18</td> <td>8%</td> </tr> <tr> <td>Sep - 19</td> <td>11%</td> </tr> <tr> <td>Sep - 20</td> <td>10%</td> </tr> <tr> <td>Sep - 21</td> <td>8%</td> </tr> <tr> <td>Sep - 22</td> <td>7%</td> </tr> </tbody> </table>	Year	Share (%)	Sep - 18	8%	Sep - 19	11%	Sep - 20	10%	Sep - 21	8%	Sep - 22	7%	<p>Figure 13: <u>Nuclear reactors, boilers, machinery, etc. (ITC HS CODE -84):</u> During the month of Sept-22, commodity group (84) documented an import share of 7%.</p>
Year	Share (%)												
Sep - 18	8%												
Sep - 19	11%												
Sep - 20	10%												
Sep - 21	8%												
Sep - 22	7%												
<p>Figure 14: Organic chemicals(ITC HS CODE - 29)</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Share (%)</th> </tr> </thead> <tbody> <tr> <td>Sep - 18</td> <td>4%</td> </tr> <tr> <td>Sep - 19</td> <td>4%</td> </tr> <tr> <td>Sep - 20</td> <td>5%</td> </tr> <tr> <td>Sep - 21</td> <td>4%</td> </tr> <tr> <td>Sep - 22</td> <td>3%</td> </tr> </tbody> </table>	Year	Share (%)	Sep - 18	4%	Sep - 19	4%	Sep - 20	5%	Sep - 21	4%	Sep - 22	3%	<p>Figure 14: <u>Organic chemicals (ITC HS CODE - 29):</u> Organic chemicals, commodity group (29) maintained a very low share of less than 5% over the last 5 years, with the lowest share of 3% in Sept-22.</p>
Year	Share (%)												
Sep - 18	4%												
Sep - 19	4%												
Sep - 20	5%												
Sep - 21	4%												
Sep - 22	3%												

Table 7: Percentage share of merchandise Import of TOP 15 Principal Commodity (PC) Code wise commodities for the month of September 2022.

PC Code	Name of the Commodities	Import Values (In Billion USD)					Share % of Sep -22	YoY Change % of Sep-22	
		2018	2019	2020	2021	2022			
S5	Petroleum: Crude	8.86	6.95	4.21	13.61	14.90	23.05	↑	0.06
S6	Petroleum Products	2.13	2.14	1.61	3.17	3.89	6.02	↑	5.27
G6	Gold	2.59	1.28	0.60	5.12	3.85	5.95	↓	-40.02
F1	Coal,Coke And Briquittes Etc	2.05	1.56	1.20	2.19	3.52	5.45	↑	26.06
G5	Pearl, Precs, Semiprecs Stones	2.65	2.19	2.09	2.57	2.65	4.10	↑	3.77
P2	Electronics Components	1.53	1.72	1.59	2.15	2.27	3.51	↑	4.94
B8	Vegetable Oils	0.93	0.73	0.86	2.00	1.94	3.00	↓	-2.73
H3	Fertilizers Manufactured	0.44	0.93	0.82	1.03	1.60	2.47	↑	28.34
P4	Telecom Instruments	1.82	1.55	1.81	1.51	1.54	2.38	↑	2.54
L3	Iron And Steel	1.03	0.85	0.61	0.98	1.47	2.28	↑	32.39
K8	Plastic Raw Materials	0.97	0.84	0.74	1.21	1.39	2.15	↑	18.33
I3	Organic Chemicals	1.20	1.00	0.86	1.46	1.31	2.03	↓	-12.63
O9	Computer Hardware, Peripherals	0.89	0.91	1.13	1.49	1.27	1.97	↓	-14.80
N6	Indl. Machnry For Dairy Etc	1.05	1.00	0.77	1.04	1.27	1.96	↑	15.37
O4	Aircraft, Spacecraft And Parts	0.84	0.78	0.15	0.70	1.23	1.90	↑	51.12
	Others	13.83	13.27	11.48	16.06	20.56	31.79	↑	642.34
	Total Import Value(In Billion USD)	42.82	37.69	30.52	56.29	64.67	100.00	↑	52.19

Figure 15: Top 15 PC Codes Comprising in India's Import in September-22 (Share%)

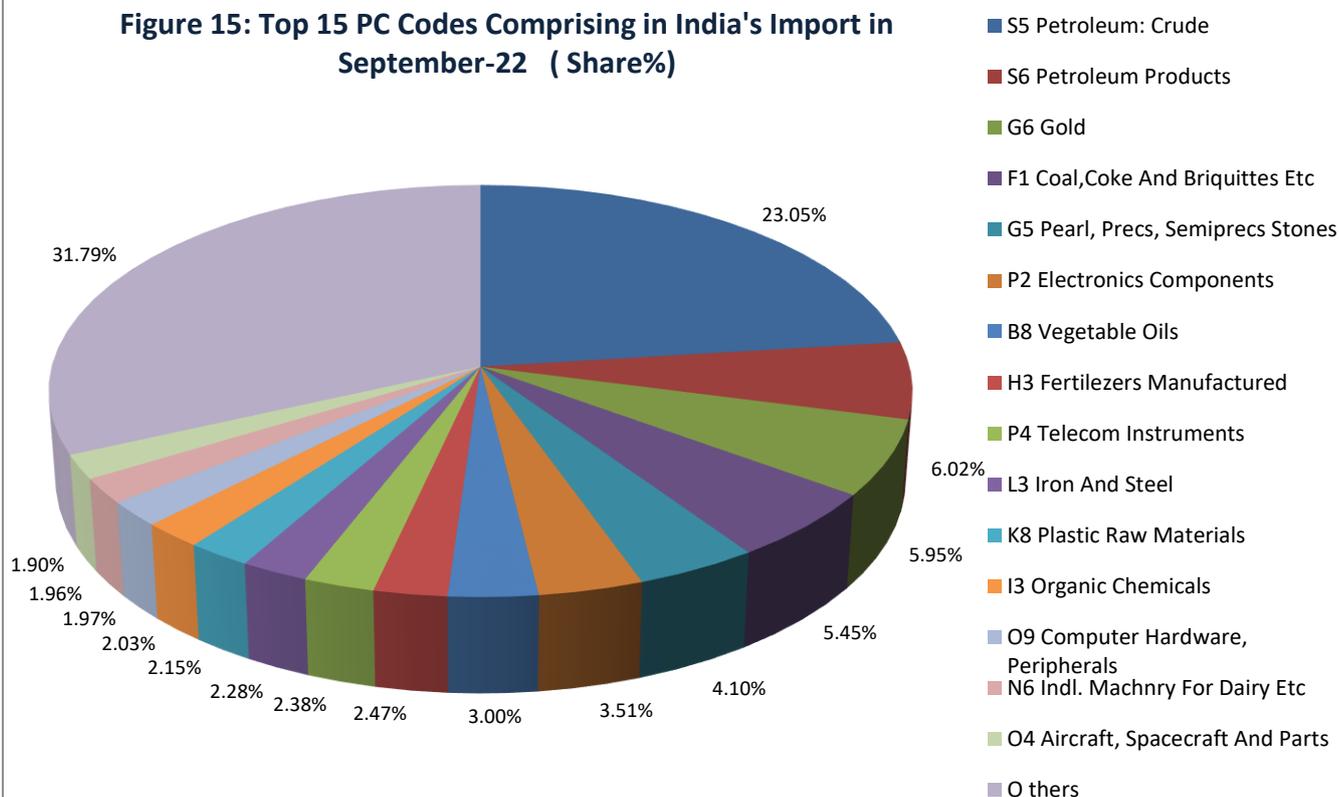
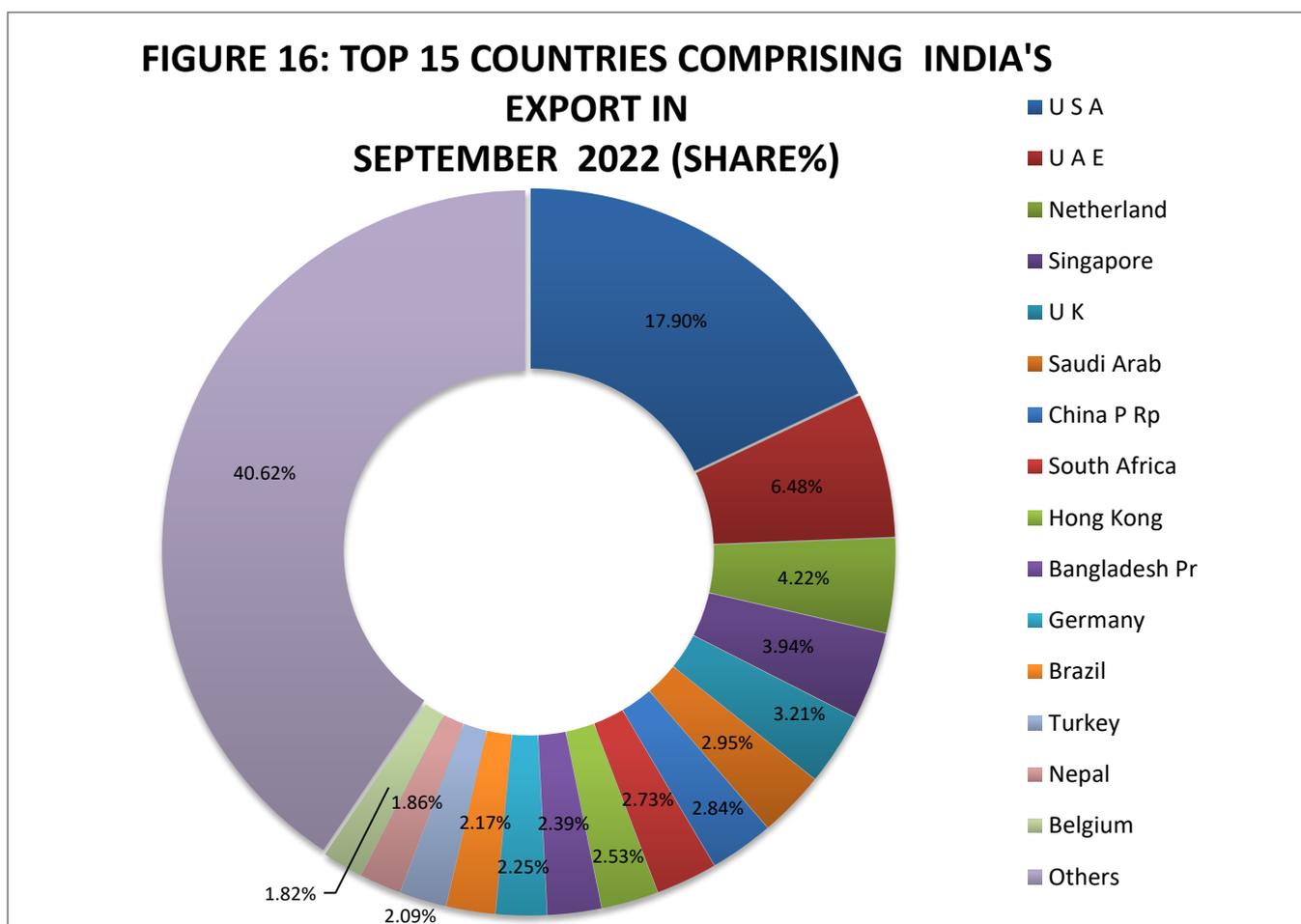


Table 7 and Figure 15 show that “Petroleum Crude” (PC code: S5), “Petroleum products”(PC code: S6) and Gold (PC Code G6) are the top 3 PC codes that contributed to about 23%, 6% and 6% respectively in India’s import value during September 2022. All the PC codes registered YoY increases in India’s import from September 2021 to September 2022, with the exception of “Gold” (PC code: G6),Vegetable Oils (PC Code B8),Organic Chemicals (PC Code I3) and Computer Hardware (PC Code O9) that registered a YoY decline of 40%,3%,13% and 15% respectively.

IV. Snapshot of India's Exports and Imports (Value in Billion USD) among various Countries
Table 8: Top 15 Countries Contribution to India's Exports during September 2022

Country	Export Values (In Billion USD)					Share% of Sep-2022	YoY Change% in Sep-2022
	Sep-18	Sep-19	Sep-20	Sep-21	Sep-22		
U S A	4.48	4.41	5.14	6.32	6.34	17.90	↑ 0.40
U A E	2.11	2.28	1.57	2.11	2.30	6.48	↑ 8.89
Netherland	0.58	0.63	0.79	1.09	1.49	4.22	↑ 37.26
Singapore	1.01	0.74	0.77	0.86	1.40	3.94	↑ 63.29
U K	0.78	0.69	0.83	1.00	1.14	3.21	↑ 13.46
Saudi Arab	0.44	0.45	0.63	0.62	1.05	2.95	↑ 68.59
China P Rp	1.39	1.37	1.64	1.68	1.01	2.84	↓ -39.95
South Africa	0.33	0.32	0.39	0.48	0.97	2.73	↑ 101.89
Hong Kong	1.63	1.42	0.93	0.91	0.90	2.53	↓ -1.78
Bangladesh Pr	0.80	0.73	0.81	1.20	0.85	2.39	↓ -29.40
Germany	0.77	0.67	0.73	0.80	0.80	2.25	↓ -0.13
Brazil	0.30	0.36	0.41	0.59	0.77	2.17	↑ 30.62
Turkey	0.38	0.47	0.37	0.67	0.74	2.09	↑ 9.58
Nepal	0.64	0.61	0.56	0.86	0.66	1.86	↓ -23.03
Belgium	0.55	0.56	0.42	0.88	0.64	1.82	↓ -26.68
Others	11.66	10.32	11.57	13.76	14.39	40.62	↑ 4.61
Total Export Value (In Billion USD)	27.87	26.02	27.56	33.81	35.43	100	↑ 4.78



From Table 8 and Figure 16, it is found that USA,UAE and Netherland are the top 3 countries that contributed to about 18%, 6% and 4% respectively in India's Export value for the month of September 2022, consequently accounting for about 28% share of the total import value in September 2022.Almost all the top countries show YoY (%) increase in export from September 2021 to September 2022, with the exception of China PRP, Bangladesh PR, Hong Kong, Germany, Nepal and Belgium that registered a YoY decline of 40%,29%,2%,0.13%,23% and 27% respectively.

Table 9: Top 15 Countries Contribution to India's Imports during September 2022

Country	Import Values (In Billion USD)					Share% of Sep-2022	YoY Change%
	Sep-18	Sep-19	Sep-20	Sep-21	Sep-22		
China P Rp	6.47	6.44	5.79	8.22	8.45	13.07	↑ 2.87
U Arab Emrts	2.50	2.51	2.11	4.54	5.50	8.51	↑ 21.26
Russia	0.42	0.34	0.38	1.01	4.96	7.67	↑ 393.37
Saudi Arab	2.40	1.79	1.24	3.09	4.49	6.94	↑ 44.97
U S A	2.78	2.81	1.86	3.86	4.05	6.27	↑ 4.94
Iraq	1.60	1.57	0.93	3.02	2.92	4.51	↓ -3.44
Indonesia	1.45	0.96	0.84	1.90	2.87	4.44	↑ 50.98
Korea Rp	1.47	1.24	1.00	1.44	2.55	3.95	↑ 76.66
Switzerland	1.32	0.85	0.37	2.80	2.10	3.24	↓ -25.10
Singapore	1.37	1.12	1.18	1.45	1.84	2.85	↑ 26.97
Hong Kong	2.24	1.86	1.67	1.92	1.72	2.66	↓ -10.25
Qatar	1.11	0.80	0.62	1.13	1.56	2.40	↑ 37.52
Japan	1.04	0.97	0.78	1.25	1.32	2.05	↑ 6.33
Germany	1.62	1.06	0.85	1.24	1.32	2.03	↑ 6.17
Australia	1.08	0.80	0.57	1.30	1.25	1.93	↓ -4.14
Others	13.94	12.56	10.31	18.11	17.77	27.48	↓ -1.89
Total Import Value (In Billion USD)	42.82	37.69	30.52	56.29	64.67	100	↑ 14.90

Figure 17: Top 15 Major Country of India's Import (Share %) During September 2022

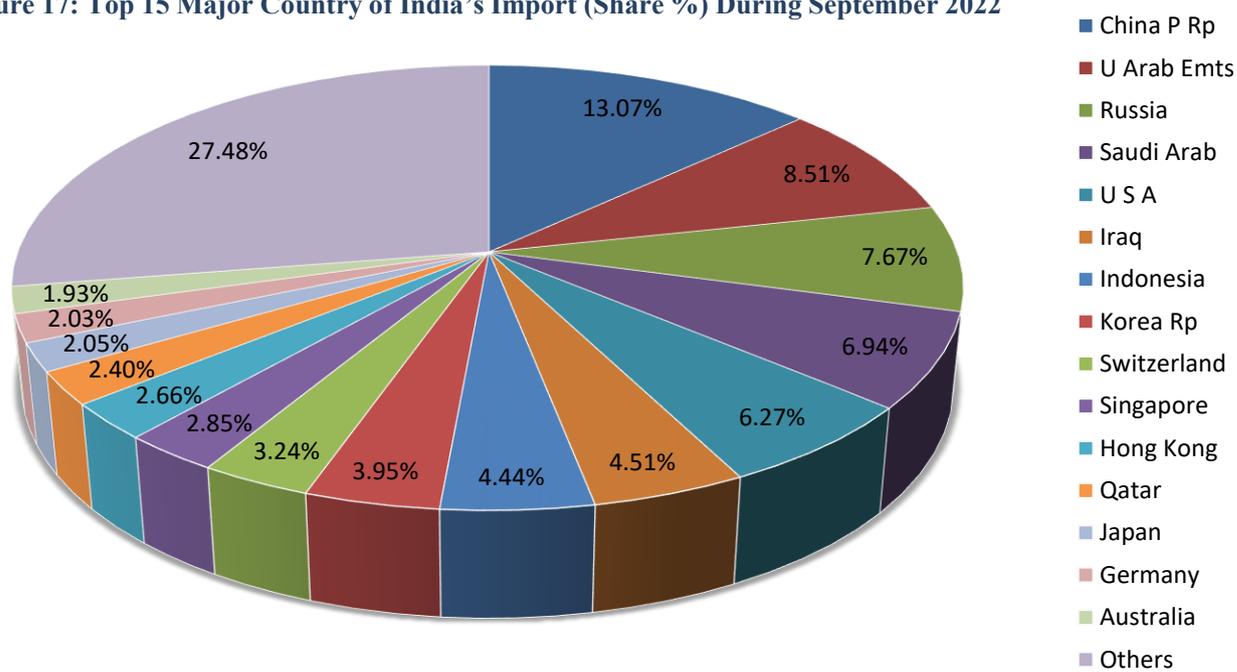


Table 9 and Figure 17, it is found that China, UAE and Russia are the top 3 countries that contributed to about 13%, 9% and 8% respectively in India's import value for the month of September 2022, consequently accounting for about 30% share of the total import value in September 2022. All the top countries show YoY increases: Russia registered more than 300% (YoY) increase. All the other countries registered YoY increases in import from September 2021 to September 2022, with the exception of Iraq, Switzerland, Hong Kong and Australia that registered a YoY decline of 3%, 25%, 10% and 4% respectively.

Table 10: Top 15 Port wise India's Exports Share (%) during September 2022

Port	Export Values (In Billion USD)					Share % of Sep-22	YoY Change % in Sep-2022
	Sep-18	Sep-19	Sep-20	Sep-21	Sep-22		
Nhava Sheva Sea	3.90	3.60	4.17	4.93	5.05	14.24	↑ 2.46
Sez Jamnagar (Reliance)	1.72	1.29	0.79	3.35	3.37	9.50	↑ 0.42
Dpcc Mumbai	2.73	2.13	1.72	2.07	2.37	6.70	↑ 14.68
Mundra	1.27	1.38	1.78	1.72	1.77	4.99	↑ 2.73
Sikka	0.90	0.84	2.10	0.74	1.49	4.21	↑ 101.49
Chennai Sea	1.02	1.03	1.15	1.35	1.32	3.72	↓ -2.60
Delhi Air	1.11	1.09	0.98	1.01	1.12	3.17	↑ 11.17
Mumbai Air	0.81	0.88	0.73	0.73	0.81	2.28	↑ 10.64
Vadinar	0.61	0.50	0.29	0.44	0.73	2.06	↑ 67.34
Newmangalore Sea	0.51	0.27	0.17	0.25	0.71	2.00	↑ 182.56
Ahmedabad Air Cargo Complex	0.12	0.22	0.13	0.33	0.67	1.90	↑ 102.40
Tuticorin Sea	0.53	0.56	0.59	0.74	0.62	1.74	↓ -16.35
Bangalore Airport	0.38	0.37	0.36	0.54	0.61	1.73	↑ 13.82
Kolkata Sea	0.58	0.61	0.61	0.69	0.59	1.67	↓ -15.08
Visakhapatnam Sea	0.54	0.65	0.65	0.78	0.57	1.60	↓ -27.25
Others	11.12	10.59	11.35	14.14	13.64	38.49	↓ -3.55
Total	27.87	26.02	27.56	33.81	35.44	100	↑ 4.80

Table 10 validates the share of 15 Ports in terms of largest contributions to Indian exports : Nava Sheva Sea, SEZ Jamnagar (Reliance), and DPCC Mumbai are the top 3 ports through which Indian exports took place in September 2022 with total contribution of 31% share of the total export value in September 2022. Additionally, almost all the top ports show YoY increases, the port namely Sikka, New Mangalore Sea and Ahmedabad air Cargo Complex showed more than 100 % YoY increase. All the other ports registered YoY increases in India's exports from September 2021 to September 2022, with the exception of Chennai Sea, Tuticorin Sea, Kolkata Sea and Visakhapatnam Sea that registered the YoY decline 2%, 16%, 15%, and 27% respectively.

Table 11: Top 15 Port wise India's Imports Share (%) during September 2022

Port	Import Values (In Billion USD)					Share % of Sep-22	YoY Change % in Sep-2022
	Sep-18	Sep-19	Sep-20	Sep-21	Sep-22		
Delhi Air	3.62	3.82	3.25	4.74	6.27	9.69	↑ 32.10
Nhava Sheva Sea	5.02	4.18	3.61	5.35	5.95	9.20	↑ 11.29
Sez Jamnagar (Reliance)	1.85	1.35	0.58	1.29	4.22	6.52	↑ 228.02
Chennai Sea	2.76	2.28	1.94	2.60	3.68	5.69	↑ 41.47
Mundra	1.93	1.57	1.68	2.35	2.99	4.63	↑ 27.19
Vadinar	1.49	1.27	0.93	2.96	2.75	4.25	↓ -7.28
Kandla Sea	1.11	0.99	0.95	1.53	2.14	3.31	↑ 39.54
Mumbai Sea	1.20	1.26	0.60	1.34	2.09	3.23	↑ 56.60
Paradip Sea	1.21	1.45	0.78	2.09	1.98	3.06	↓ -5.26
Sikka	1.10	1.24	0.75	2.89	1.95	3.01	↓ -32.55
Chennai Air	1.40	1.07	1.18	1.70	1.86	2.87	↑ 9.25
Mumbai Air	1.36	1.30	1.24	1.64	1.85	2.86	↑ 12.52
Kolkata Sea	1.13	0.97	0.98	1.53	1.77	2.74	↑ 15.70
Sri City Pvt Ltd	0.39	0.34	0.13	2.71	1.69	2.62	↓ -37.59
Kakinada Sea	0.21	0.22	0.41	0.32	1.59	2.46	↑ 401.21
Others	17.03	14.38	11.53	21.25	21.90	33.86	↑ 3.07
Total Import Value (In Billion USD)	42.82	37.69	30.52	56.29	64.67	100	↑ 14.89

Table 11 shows the share of 15 Ports in terms of largest contributions to Indian imports. Delhi Air, Nava Sheva Sea and Sez Jamnagar (Reliance) are the 3 top ports through which Indian imports took place in September 2022, accounting for 26% of the total import value in September 2022. Additionally, all the top 15 ports show YoY increases, the port namely Kakinada Sea registered more than 400% YoY increase, followed by SE Jamnagar(Reliance) that showed increase of YOY of more than 200%.

VI. Snapshot of India's Exports and Imports (Value in Billion USD) by top five Commodity/Country-wise trade values

India's Exports by top five Commodity/Country-wise trade values in September 2022:-

Table 12: Mineral fuels, oils, distillation products, etc. (ITC HS Code 27), its top five exporting countries

Country	Billion USD	Share %	Figure 18: Top five Mineral fuels, oils, distillation products, etc. Exporting Counties (Share %)
Netherland	0.76	10.10	
South Africa	0.56	7.51	
U S A	0.50	6.61	
Singapore	0.48	6.40	
Togo	0.41	5.47	
Other	4.79	63.91	
Total	7.49	100	

Table 12 and Figure 18 illustrate that India's exports (ITC HS Code 27) to Netherlands, South Africa and USA share is significant, since the shares to these counties is nearly 24% of the total share of India's export to the world during the month of September 2022.

Table 13: Pearls, precious stones, metals, coins, etc. (ITC HS Code 71), its top five exporting countries

Country	Billion USD	Share %	Figure 19: Top five Pearls, precious stones, metals, coins, etc. Exporting Counties (Share %)
U S A	1.15	30.34	
Hong Kong	0.79	20.66	
UAE	0.58	15.22	
Singapore	0.42	11.12	
Belgium	0.24	6.20	
Other	0.63	16.47	
Total	3.81	100	

Table 13 and Figure 19 demonstrate that India's exports (ITC HS Code 71) to USA, Hong Kong & UAE's share is significant, since the share to these countries is nearly 66% of the total share of India's export to the world during the month of September 2022.

Table 14: Electrical, electronic equipment (ITC HS Code 85), its top five exporting countries

Country	Billion USD	Share %	Figure 20: Top five Electrical Machinery, electronic equipment Exporting Counties (Share %)
U S A	0.49	20.11	
UAE	0.35	14.51	
U K	0.12	5.05	
Germany	0.12	4.75	
Netherland	0.11	4.48	
Others	1.25	51.09	
Total	2.44	100	

Table 14 and Figure 20 validate that India's exports (ITC HS Code 85) to USA's share is prominent with almost 20%, of the total share of India's export to the world during the month of September 2022.

Table 15: Nuclear reactors, boilers, machinery, etc. (ITC HS Code 84), its top five exporting countries

Country	Billion USD	Share %	Figure 21: Top five Nuclear reactors, boilers, machinery, etc. Exporting countries (Share %)
U S A	0.49	21.75	
Singapore	0.13	5.64	
Germany	0.11	5.10	
U K	0.09	4.03	
France	0.09	3.85	
Others	1.33	59.63	
Total	2.23	100	

Table 15 and Figure 21 validate that share of India's exports (ITC HS Code 84) to USA, is the highest with 22%, of the total share of India's export to the world during the month of September 2022.

Table 16: Organic Chemicals (ITC HS Code 87), its top five exporting countries

Country	Billion USD	Share %	Figure 22: Top five Vehicles other than railways, tramways Exporting Countries (Share %)
U S A	0.23	13.25	
Mexico	0.13	7.49	
South Africa	0.13	7.47	
Saudi Arab	0.09	5.03	
Bangladesh Pr	0.07	4.04	
Others	1.10	62.72	
Total	1.75	100	

Table 16 and Figure 22 show that share of India's exports (ITC HS Code 87) to USA is 13% followed by Mexico (7%) and South Africa (7%) , in September 2022.

India's Imports by top five Commodity/Country-wise trade values:-

Table 17: Mineral fuels, oils, distillation products, etc. (ITC HS Code 27), its top five importing countries in September 2022

Country	Billion USD	Share %	Figure 23: Top five Mineral fuels, oils, distillation products, etc. Importing Counties (Share %)
Russia	4.22	18.72	
Saudi Arab	3.75	16.65	
Iraq	2.91	12.94	
UAE	2.37	10.50	
U S A	1.51	6.70	
Others	7.77	34.49	
Total	22.53	100	

From Table 17 and Figure 23 we find that shares of India's imports (ITC HS Code 27) from Russia, Saudi Arab and Iraq is high since the shares of these countries are 19%, 17% and 13% respectively of India's import from the world in Sept'22.

Table 18: Pearls, precious stones, metals, coins, etc. (ITC HS Code 71), its top five importing countries in September 2022.

Country	Billion USD	Share %	Figure 24: Top five Pearls, precious stones, metals, coins, etc. Importing Counties (Share %)
UAE	2.00	23.04	
Switzerland	1.86	21.37	
U K	0.63	7.29	
Hong Kong	0.62	7.09	
U S A	0.57	6.53	
Others	3.02	34.69	
Total	8.70	100	

Table 18 and Figure 24 show that India's imports (ITC HS Code 71) from UAE is 23%, followed by Switzerland and UK at 21% and 7% respectively of the total share of India's import from the world in the month of Sept'22.

Table 19: Electrical, electronic equipment (ITC HS Code 85), it's top five importing countries in September 2022

Country	Billion USD	Share %	Figure 25: Top five Electrical Machinery, electronic equipment Importing Counties (Share %)
China P Rp	2.65	42.55	
Hong Kong	0.77	12.42	
Singapore	0.43	6.89	
Korea Rp	0.43	6.85	
Vietnam Soc Rep	0.38	6.05	
Others	1.57	25.25	
Total	6.24	100	

Table 19 and Figure 25 give out that India's imports of the commodity (ITC HS Code 85) from China is of the order of 43% in Sept'22, followed by Hong Kong with a share of 12%.

Table 20: Nuclear reactors, boilers, machinery, etc.(ITC HS Code 84), it's top five importing countries in September 2022.

Country	Billion USD	Share %	Figure 26: Top five Nuclear reactors, boilers, machinery, etc. Importing Counties (Share %)
China P Rp	1.87	41.13	
Germany	0.35	7.67	
U S A	0.30	6.60	
Singapore	0.29	6.31	
Japan	0.23	4.98	
Others	1.52	33.32	
Total	4.55	100	

Table 20 and Figure 26 shows that India's imports (ITC HS Code 84) from China is 41% of the total share of India's import from the world, which is significantly high, followed by, Germany, USA and Singapore, each with a share of 7%,7% and 6% respectively, in Sept'22.

Table 21: Organic chemicals (ITC HS Code 29), its top five importing countries in September 2022

Country	Billion USD	Share %	Figure 27: Top five Organic Chemicals Importing Counties (Share %)
China P Rp	0.88	41.73	
U S A	0.19	8.86	
Saudi Arab	0.15	6.99	
Singapore	0.14	6.56	
Korea Rp	0.08	3.75	
Others	0.68	32.11	
Total	2.12	100	

Table 21 and Figure 27 illustrate that India's imports (ITC HS Code 29) from China accounts for 42% of the total share of India's import from the world in Sept'22, which is quite high, followed by USA, Saudi Arab and Singapore with a share of 9%,7% and 6% which is normal.

VII. Year-on-Year Comparison of Indian Exports and Imports by Commodity and Country

The YoY Growth (%) in Trade Values (in Billion USD) for September is shown below. Both exports and imports have risen from September 2021 to September 2022, with exports increasing by about 5% YoY and imports by 15% YoY.

Trade Value (In Billion USD)	Sep-22	Sep-21	YoY Change %
Export	35.43	33.81	↑ 4.79
Import	64.67	56.29	↑ 14.89

IX. Policy Analysis for the Slowdown in Gold Imports and Organic Chemicals Exports:

An attempt to understand some recent patterns in international trade in terms of policy changes in the trading partners is attempted underneath.

We see that Principal Commodity G6 (Gold) registered a steep decline in YoY imports in September 2022 to the tune of 40%. In fact, India's gold imports in December 2022 plunged 80% from a year earlier to the lowest level in at least two decades for the month due to a rally in local gold prices at record high levels, thus dampening domestic demand for gold, despite the festive season in September-October. Of course, this drop in imports helps in reducing India's trade deficit, bolstering the rupee.

Furthermore, organic chemicals (PC Code I3) registered a decline in both imports (-11% YoY growth) and exports (-13% YoY growth) in September 2022 from a year prior. Continued weakness in global demand remained a factor due to the slump in international trade in general. JPMorgan's Global Composite Purchase Managers' Index survey revealed low business confidence among manufacturers and services providers regarding future output during that time. Further, petroleum, plastics, dye, drug, detergents, insecticides, etc. where organic chemicals were used also chronicled lower demand for the input. For instance, data shows that exports of plastic registered a decline of 11% YoY in September 2022. We also see a steep YoY decline of 29% (Sept'22) in exports of commodity group 61 (i.e. articles of apparel, accessories, knit or crochet), possibly due to the steep increase in cotton sewing thread export price to \$10.3 per kg (FOB, India), increasing by 14% over the previous month. Over the last eight months, it rose at an average monthly rate of 2% when the export price attained the peak level of \$10.4/kg before flattening through to September 2022.

Figure 28: Year Wise comparison of Export & Import values in Billion USD from Oct- 2020 to Sep - 2021

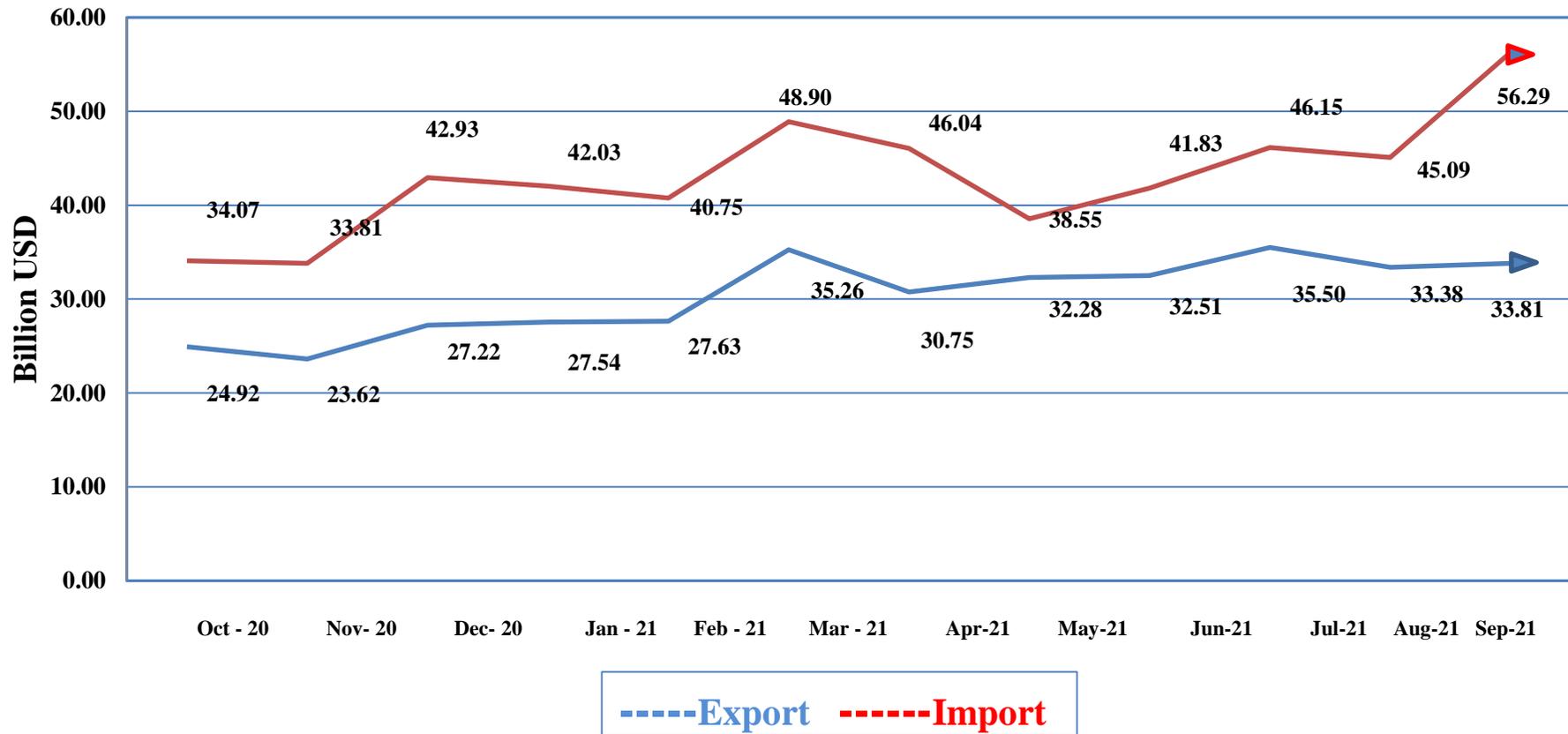


Figure 28 illustrates that every month the value of imports exceeded the exports, the gap widened substantially from November 2020 to April 2021, perhaps due to the onslaught of Covid-19 & from May 2021 to August 2021 the gap shrunk substantially, presumably due to slackening of Covid-19 factors.

Figure 29: Year wise comparison of Export & Import Values in Billion USD from Oct-2021 to Sep-2022

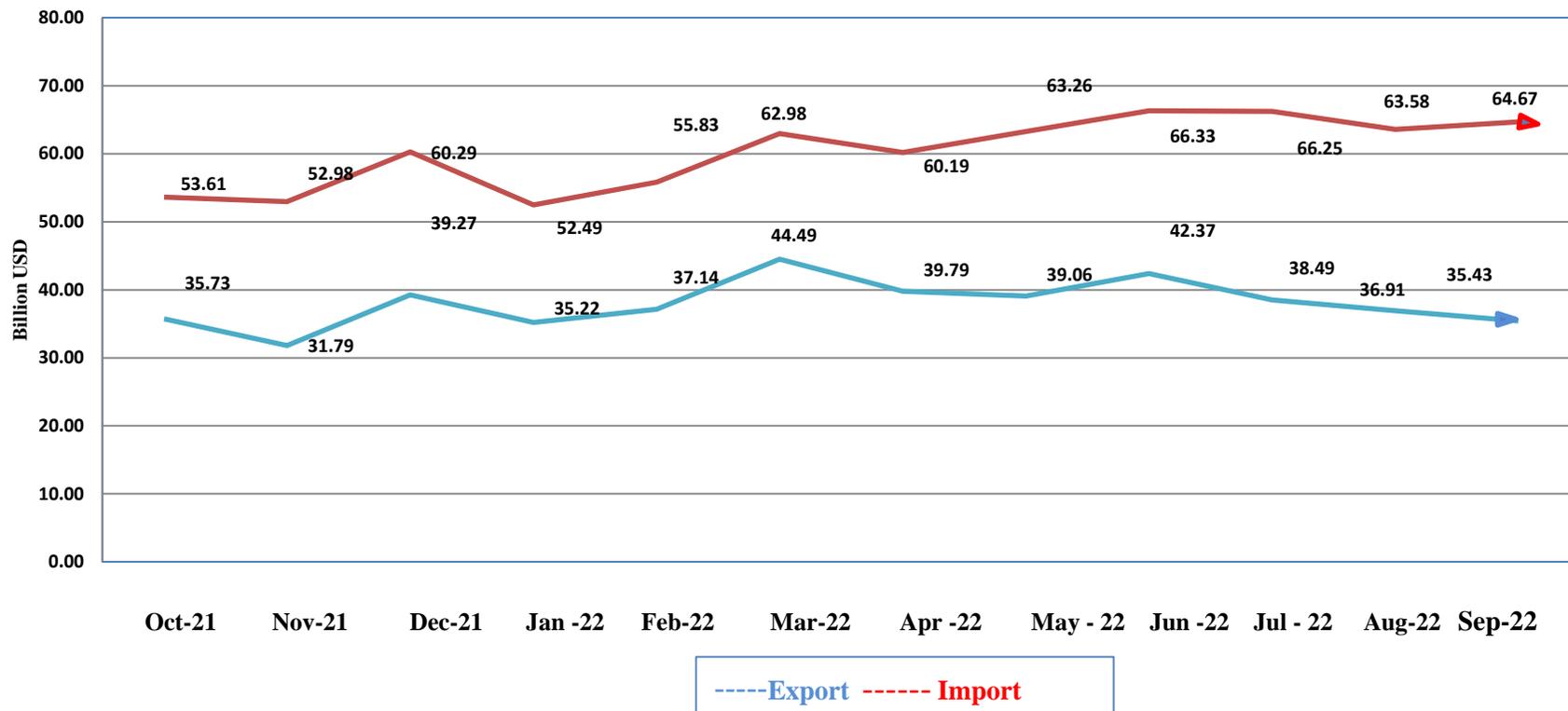


Figure 29 depicts that every month the value of imports exceeded the exports throughout the reference period, due to the aftermath of Covid-19, likewise, the gap started widening from March 2022 to August 2022 due to varied reasons such as the Russian invasion of Ukraine (Feb 2022), ban on wheat exports (May 2022), excessive imports of coal & gold. In a nutshell, it seems supply side factors could be driving the wedge between exports and imports between March-August 2022.