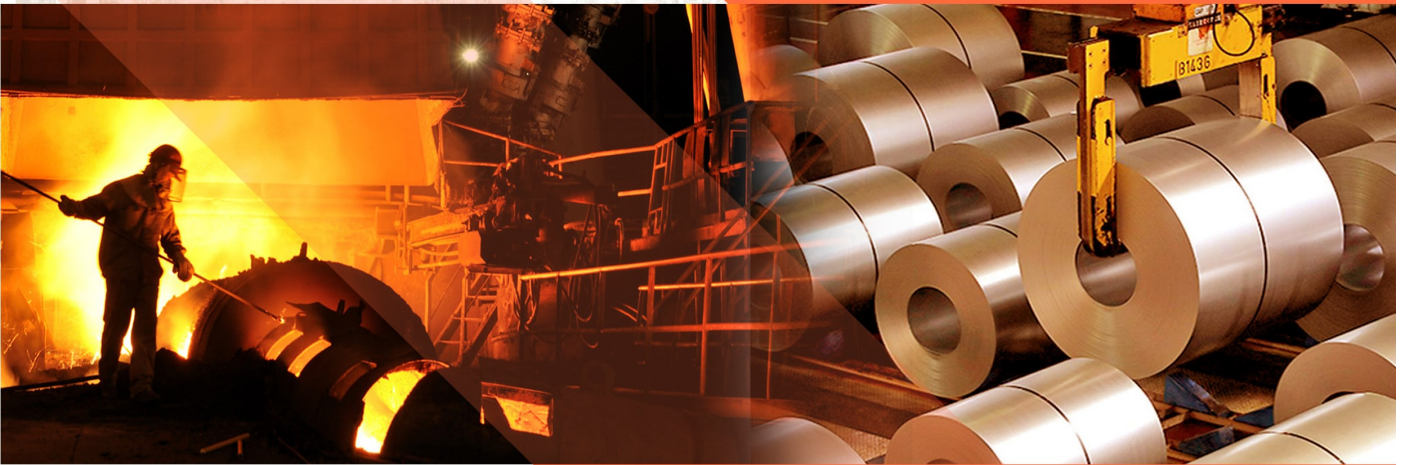




INDUSTRY DATA BOOK

2022



METAL DIES, MOLDS AND MACHINERY
SECTOR



MINISTRY OF INDUSTRIES

METAL AND MACHINERY INDUSTRY

MINISTRY OF INDUSTRIES

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Foreword

The Industrial Data book 2022 is an effort to support the Industrialists, in coping with current economic challenges, and contribute to their sustainable socioeconomic development through streamlining the vital process of productive decision making. This Data book focuses on the statistical factors effecting the economic growth specifically concerning the export expansion.

The statistical analyses given in this Data book are based on comprehensive statistical accounts drawn from the Department of Census and Statistics (DCS), Department of Customs (DoC), Export Development Board (EDB) and the Central Bank of Sri Lanka (CBSL) as a reference.

This publication includes statistical references pertaining to exports and imports including the tables on productivity indicators prepared based on Manufacturing establishments and number of persons engaged in each sector, statistics on Principal indicators of Industrial Activity from year 2015 to 2019, value of outputs and output components, value of intermediate consumptions, employment by nature, statistics on Economic indicators of industrial activities classified by industry class and statistics on imports and exports.

I am grateful to the Director General, Planning Division, Ministry of Industries Mr. Aruna Bandara and his team for the immense support given in this endeavor. Further, my heartfelt gratitude goes to Ms. Rajitha Wijesinghe, Statistician, Ministry of Industries and her team members Mr. Nirosh Chathuranga Pathiraja and Mr. Shamith Rashmika Jayawardane for their well-committed contribution and tremendous effort to make this a reality while working in collaboration with the DCS. Also, I would like to thank Ms. Chamari Fonseka, Deputy Director, and Mr. Umesh Hapuarachchi, Information and Communication Technology Officer of the Information Technology Division for their contribution in providing the write-ups and cover page designs.

I strongly believe that this Industrial Data book 2022 will serve a valuable purpose on the present and future status of productivity and economic growth in industrial sectors, while influencing prolific process of policymaking in the industry sectors. I am of the view that this publication would be beneficial for all levels of industrial data consumers including policy makers, economic planners, academics, researches and any other interested parties in future.

J.M. Thilaka Jayasundara

Secretary

Ministry of Industries

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Abbreviations

CIF	cost, insurance, and freight
FOB	Free on Board
Kg	Kilogram
GDP	Gross Domestic Products
MT	Metric Ton
No	Number
n.e.c	Not elsewhere classified
('000) No	Thousand Number
('000) Pairs	Thousand Pairs
('000) Rs	Thousand Rupees
Qty.	Quantity
Rs.	Rupees
Rs. Mn	Rupees Million

Overview

According to the survey conducted by the Industrial Development Board in the year 2020, there are more than 400 metal-related factories in the country. Copper scrap, Copper, Aluminum scrap, Aluminum, Brass scrap, Brass, Zinc scrap, Zinc, Stainless steel scrap, China scrap, Iron scrap, High carbon steel, Iron, Manganese metal and other metals both in scrap and pure form are used by small scale industrialists scattered in 21 districts as raw materials. Among these industrialists, 36% are scattered in Kandy district, 21% in Gampaha district and 15.6% in Colombo district.

In addition to the factories mentioned above, there are about 20 large-scale iron and brass-related manufacturing factories registered with the Ministry of Industry and the Sri Lanka Board of Investment. At present, direct employment in metal and steel manufacturing factories in Sri Lanka is approximately 80,000. Metal and steel manufacturing factories provide indirect employment of over 250,000.

After scrap metal export was banned in 2020 iron, aluminum and copper related industries were started using scrap metal. Currently, the metal, die and mold and machinery related manufacturing division of the Ministry of Industry provides services to 57 industries and the following sub-divisions.

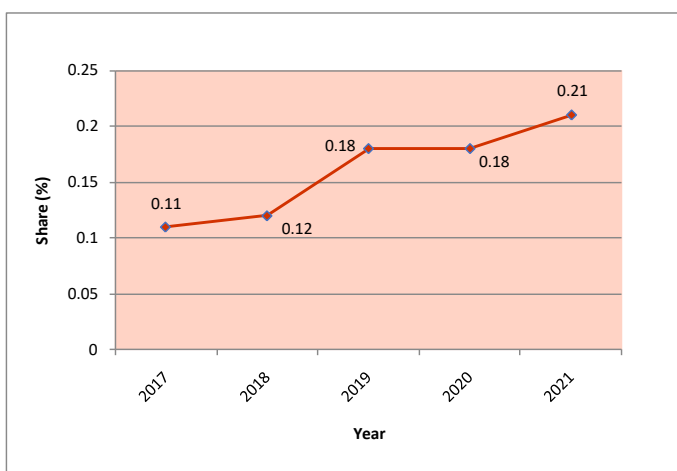
Sub Sector	Number of Industries	Direct Employment	Indirect Employment
Iron wire products using billet (Extrusion)	2	800	20,000
Wire or strip products using scrap wire	3	400	20,000
g. i. Pipe and box bar products	1	100	300
Manufacture of iron nails	2	500	1,700
Brass related products	9	1,500	7,000
Aluminum Extrusion Products	3	14,000	75,000
Aluminum kitchen appliances and other	9	7,200	15,000
Copper products (wire drawing)	3	1,000	4,000
Machinery Factories	9	6,000	10,000
Dies and molds	9	200	800
Other Factories	3	600	1,800

1 METAL INDUSTRY

Table 1.1: Manufacture of Basic Metal Products Industry Contributions to the GDP at Current and Constant Market Price (2017-2021)

Year	Current		Constant	
	Contribution Value (Rs. Mn)	Share (%) of Total Current	Contribution Value (Rs. Mn)	Share (%) of Total Constant
2017	14,339	0.11	7,926	0.08
2018	16,608	0.12	8,774	0.09
2019	27,478	0.18	8,180	0.08
2020	27,719	0.18	7,996	0.08
2021	35,475	0.21	8,651	0.09

Source : Department of Census and Statistics



Source : Department of Census and Statistics

Figure 1.1: The Contribution of the Metal Industry Sector to the share of the Manufacturing Industry to the GDP

Table 1.2: Manufacturing Establishments and Number of Persons Engaged of Metal Industry(2015-2018)

Year	Establishments less than 25 persons engaged		Establishments 25 or more persons engaged	
	No of Establishments	Persons engaged	No of Establishments	Persons engaged
2015	12	111	15	1,750
2016	11	82	17	1,920
2017	12	92	20	2,349
2018	9	74	16	1,978
2019	-	-	23	2,623

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.3: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size Class of Metal Industry (2015) — Establishments with 25 or more persons engaged

2015								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	7	52	41	8,660,525	23,028,991	7,441,787	15,587,204	965,352
10 to 99	13	741	731	519,984,112	8,086,823,138	5,072,619,356	3,014,203,782	194,469,544
100 & above	7	1,068	1,068	663,770,935	32,129,799,893	28,944,923,272	3,184,876,620	543,363,416
Group total	27	1,861	1,840	1,192,415,572	40,239,652,022	34,024,984,415	6,214,667,606	738,798,312

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.4: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size Class of Metal Industry (2016) — Establishments with 25 or more persons engaged

2016								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	11	82	70	15,704,085	46,989,507	20,082,515	26,906,992	1,335,000
10 to 99	6	465	465	375,948,213	4,617,648,084	3,568,360,486	1,049,287,598	121,106,496
100 & above	11	1,455	1,455	753,275,034	32,980,525,294	26,235,486,613	6,745,038,681	133,531,027
Group total	28	2,002	1,990	1,144,927,332	37,645,162,885	29,823,929,614	7,821,233,271	255,972,523

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.5: Principal Indicators of Industrial Activity classified by industry division & persons engaged size class of Metal Industry (2017) — Establishments with 25 or more persons engaged

2017								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	12	92	76	18,123,767	47,062,270	17,838,269	29,224,002	735,000
10 to 99	6	288	288	164,510,061	1,098,538,404	530,339,709	568,198,695	49,905,567
100 & above	14	2,055	2,055	1,008,358,710	46,835,196,826	38,112,266,533	8,722,930,293	402,087,550
Group total	32	2,435	2,419	1,190,992,538	47,980,797,500	38,660,444,511	9,320,352,990	452,728,117

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.6: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size Class

2018								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	9	74	62	11,351,528	20,069,785	5,633,846	14,435,939	-
10 to 99	5	227	227	129,470,066	888,164,171	369,738,385	518,425,786	39,275,878
100 & above	11	1,751	1,751	1,282,421,805	53,431,167,519	43,405,185,089	10,025,982,429	987,652,526
Group total	25	2,052	2,040	1,423,243,399	54,339,401,475	43,780,557,320	10,558,844,154	1,026,928,404

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.7: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size Class of Metal Industry (2019) — Establishments with 25 or more persons engaged

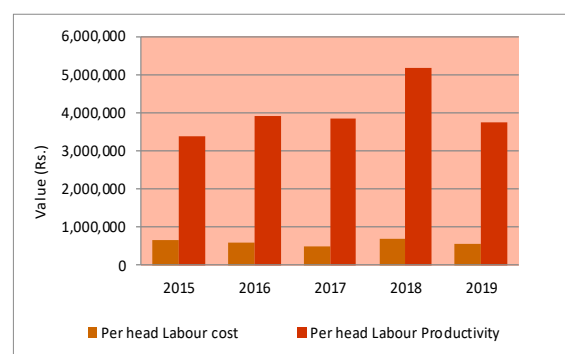
2019								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	-	-	-	-	-	-	-	-
10 to 99	5	261	259	96,077,793	1,041,007,356	694,113,231	346,894,124	39,991,191
100 & above	18	2,362	2,341	1,334,719,210	50,482,094,539	41,038,499,418	9,443,595,121	1,269,989,809
Group total	23	2,623	2,600	1,430,797,003	51,523,101,895	41,732,612,649	9,790,489,245	1,309,981,000

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.8: Manufacturing of Metal Industry Per Head Labour Productivity

Year	Per head Labour cost	Per head Labour Productivity	Labour Cost to productivity ratio
2015	648,052	3,377,537	5.21
2016	575,340	3,930,268	6.83
2017	492,349	3,852,978	7.83
2018	697,668	5,175,904	7.42
2019	550,307	3,765,573	6.84

Source : Department of Census and Statistics, Annual Survey of Industries



Source : Department of Census and Statistics

Figure 1.2: Manufacturing of Metal Industry Per Head Labour Productivity

**Table 1.9: Value of Output & Output Components Classified by Metal Industry
- Establishments 25 or more engaged**

Year	Output (Rs.)	Shipped (Rs.)/ products moved of the establishment (Rs.)	Change in Stocks (Rs.)	Industrial services & other revenue (Rs.)
2015	40,159,451,156	39,531,502,137	(78,177,331)	706,126,350
2016	37,598,173,378	37,119,981,865	83,009,061	395,182,452
2017	47,933,735,230	47,129,973,766	552,238,143	251,523,321
2018	54,319,331,690	53,590,462,192	208,022,519	520,846,979
2019	51,523,101,895	50,558,601,582	473,755,979	490,744,333

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.10: Value of Intermediate Consumptions & Intermediate Consumptions Components Classified by Metal Industry - Establishments with 25 or more persons engaged

Year	Intermediate consumption (Rs.)	Raw materials consumed (Rs.)	Cost of industrial services done by others & other payments (Rs.)	Electricity & fuel consumed (Rs.)
2015	33,970,864,598	33,493,019,005	273,060,779	204,784,813
2016	29,803,847,099	29,324,501,167	230,953,363	248,392,569
2017	38,642,606,242	37,572,048,333	760,373,233	310,184,676
2018	43,774,923,474	42,547,828,062	772,363,003	454,732,410
2019	41,732,612,649	40,086,914,047	940,724,878	704,973,725

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.11: Employment by Nature of Employment & Gender Classified by Industry Division of Metal Industry - Establishment with 25 or more persons engaged

Year	Working Proprietors (No)		Unpaid family workers (No)		Operatives (No)		Other employees (No)		Total persons engaged	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
2015	-	-	-	-	933	398	373	45	1,306	443
2016	-	-	-	-	1,138	384	371	27	1,509	411
2017	-	-	-	-	1,420	384	476	63	1,896	447
2018	-	-	-	-	1,253	259	366	100	1,620	359
2019	23	-	-	-	1,873	-	609	118	2,505	118

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.12: Economic Indicators of Industrial Activity Classified by Industry Class of Metal Industry (Establishments with 25 or more persons engaged)

Year	Output per persons engaged (Rs.)		Output per intermediate consumptions		Output per assets		Value added per persons engaged (Rs.)		Value added per intermediate consumptions		Value added per assets	
	Less than 25 persons	25 or more persons	Less than 25 persons	25 or more persons	Less than 25 persons	25 or more persons	Less than 25 persons	25 or more persons	Less than 25 persons	25 or more persons	Less than 25 persons	25 or more persons
2015	720,907	43,693,517	1.482	2.700	0.882	41.952	234,436	7,174,350	0.482	0.700	0.287	5.973
2016	573,043	39,933,108	2.340	2.559	1.560	73.463	328,134	8,264,087	1.340	0.559	0.893	14.888
2017	511,881	44,950,703	2.636	2.475	1.649	73.833	317,860	2,677,298	1.638	0.475	1.024	14.672
2018	271,213	70,608,942	3.562	4.359	0.885	88.189	195,080	16,057,503	2.562	1.359	0.636	25.332

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.13: Categories of Employees by Nature of Employment Classified by Metal Industry (Establishments with 25 or more persons engaged)

Year	Employees (No)	Skilled (No)	Unskilled (No)
2015	1,750	1,054	278
2016	1,920	1,216	306
2017	2,343	1,534	270
2018	1,978	1,316	196

Source : Department of Census and Statistics, Annual Survey of Industries

Table 1.14: Number of Metal Products Manufacturing Industries and Engaged Persons in Sri Lanka (2013/14 Economic Census)

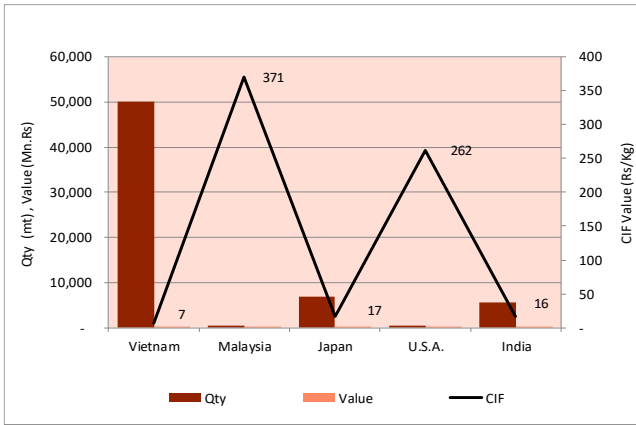
Industry	Micro		Small		Medium		Large	
	No. of Estab.	No. of PE	No. of Estab.	No. of PE	No. of Estab.	No. of PE	No. of Estab.	No. of PE
Manufacture of basic iron and	97	144	9	68	9	738	2	660
Manufacture of basic precious and other non-ferrous metals	45	78	8	65	2	104	-	-
Casting of iron and steel	193	282	6	71	-	-	-	-
Casting of non-ferrous metals	67	122	6	39	-	-	-	-
Total	402	626	29	243	11	842	2	660

Source : Department of Census and Statistics

Table 1.15: Metal Imports (2019-2021)

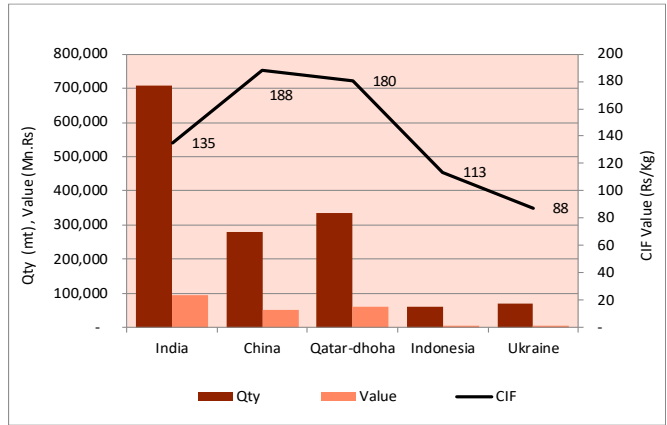
Description	Unit	2019		2020		2021	
		Qty	Value (Rs. Mn)	Qty	Value (Rs. Mn)	Qty	Value (Rs. Mn)
Ores, slag and ash	MT	58,042	537	201,621	1,101	65,807	984
Iron and Steel	MT	1,133,165	117,936	945,660	100,812	1,385,633	202,525
Articles of iron or steel	MT	238,230	94,651	175,787	91,411	165,215	68,970
Copper and articles thereof	MT	16,899	18,717	14,484	17,169	15,177	27,187
Nickle & articles thereof	MT	11	106	6	59	12	97
Aluminium and articles thereof	MT	55,352	26,171	41,763	19,055	57,701	32,041
Lead & articles thereof	MT	8,629	3,731	8,020	3,228	7,675	3,960
Zinc & articles thereof	MT	6,385	2,735	6,016	2,393	5,827	3,245
Tin & articles thereof	MT	72	278	60	220	69	399
Other base metals; cer-mets; articles thereof	MT	54	282	46	187	67	325
Tools, implements, cutlery, spoons & forks of base metal; parts thereof of base metal	MT	125,045	8,030	167,519	6,172	174,905	10,134
Miscellaneous articles of base metal	MT	22,795	15,780	20,321	12,882	22,821	17,017
Total	MT	1,606,646	288,423	1,379,687	253,594	1,835,108	365,906

Source: Sri Lanka Customs



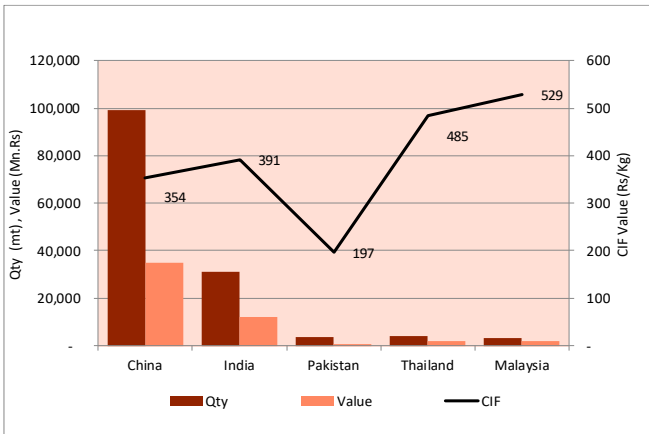
Source : Sri Lanka Customs

Figure 1.3: Major Imports Countries of Ores Slag



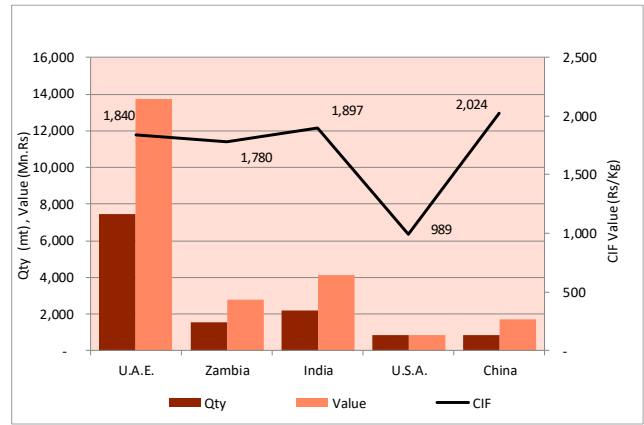
Source : Sri Lanka Customs

Figure 1.4: Major Imports Countries of Iron and



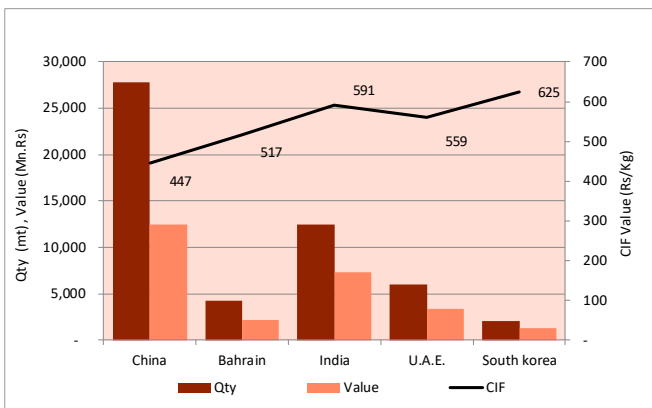
Source : Sri Lanka Customs

Figure 1.5: Major Imports Countries of Articles of Iron



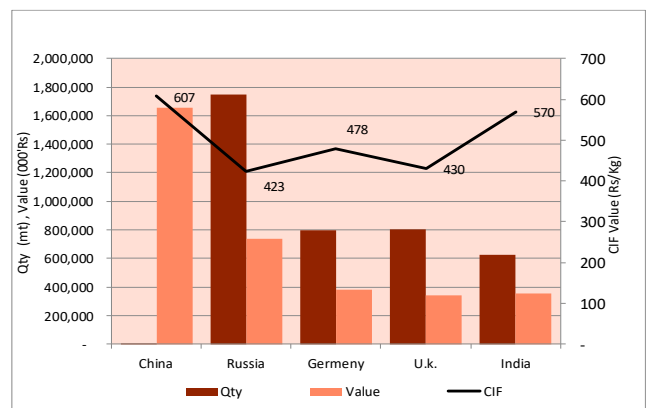
Source : Sri Lanka Customs

Figure 1.6: Major Imports Countries of Articles of



Source : Sri Lanka Customs

Figure 1.7: Major Imports Countries of Articles of Aluminium and Articles thereof - 2021



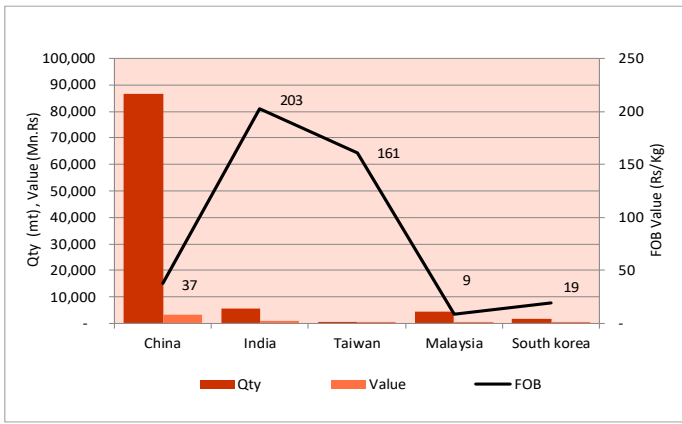
Source : Sri Lanka Customs

Figure 1.8: Major Imports Countries of Articles of Lead & Articles thereof -2021

Table 12.1.16: Metal Exports (2019-2021)

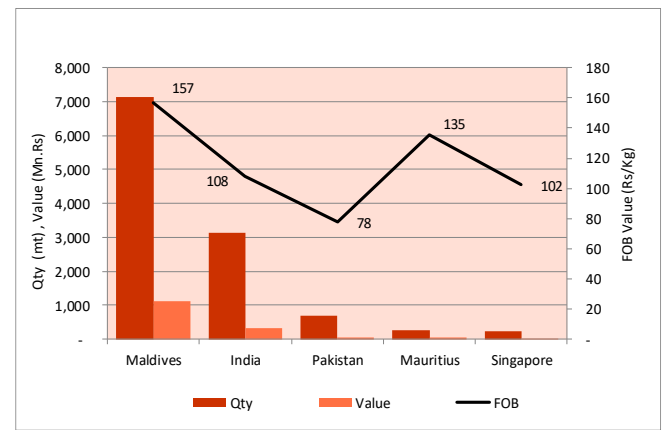
Description	Unit	2019		2020		2021	
		Qty(Kg)	Value (Rs. Mn)	Qty(Kg)	Value (Rs. Mn)	Qty(Kg)	Value (Rs. Mn)
Ores, slag and ash	MT	56,840	2,763	25,329	1,585	93,235	4,530
Iron and Steel	MT	15,671	1,574	13,335	1,100	11,570	1,607
Articles of iron or steel	MT	37,055	10,494	32,078	7,529	36,823	11,364
Articles of iron or steel (Qty - No)	('000) No	0.3	5.0	0.262	10	0.81	11
Copper and articles thereof	Kg	4,482	4,343	2,663	2,419	1,855	2,260
Nickle & articles thereof	Kg	0.7	0.5	0.005	0.18	0.343	0.52
Aluminium and articles thereof	Kg	11,782	8,376	7,232	4,826	9,353	9,070
Lead & articles thereof	Kg	7,088	2,619	4,124	1,459	7,219	3,071
Zinc & articles thereof	MT	489	146	459	125	444	130
Tin & articles thereof	MT	1	2	1	2	-	-
Other base metals; cermets; articles thereof	MT	44	9	1	2	22	6
Tools, implements, cutlery, spoons & forks of base metal; parts thereof of base metal	MT	3,996	1,601	25,042	1,168	68,280	1,186
Miscellaneous articles of base metal	MT	1,797	2,373	1,449	1,886	898	2,255
Total	No	0.3	5	0.262	10	0.81	11
Total	MT	139,250	34,305	111,717	22,109	229,703	35,484

Source: Sri Lanka Customs



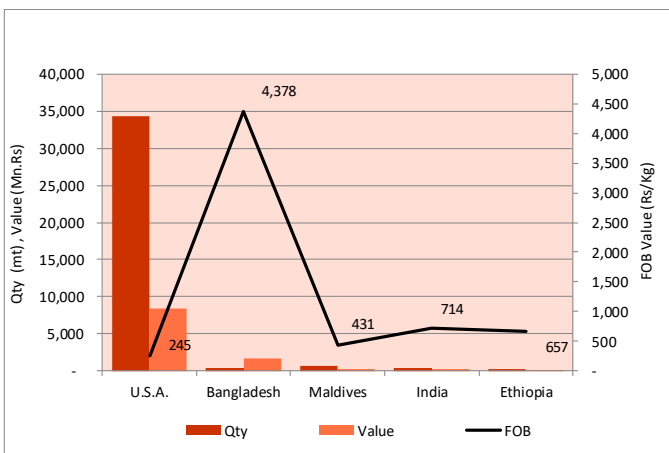
Source : Sri Lanka Customs

Figure 1.9: Major Exports Countries of Ores Slag and



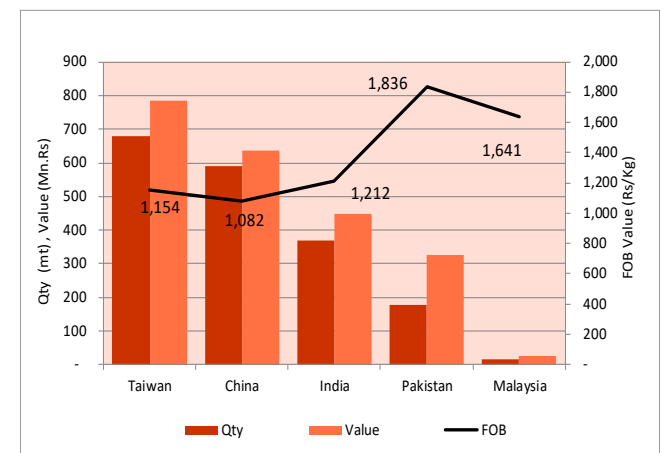
Source : Sri Lanka Customs

Figure 1.10: Major Exports Countries of Iron and



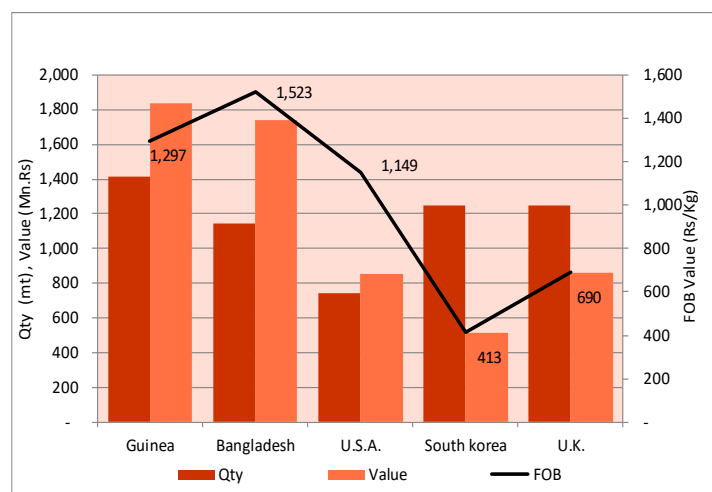
Source : Sri Lanka Customs

Figure 1.11: Major Exports Countries of Articles of Iron



Source : Sri Lanka Customs

Figure 1.12: Major Exports Countries of Articles of Copper and Articles thereof - 2021



Source : Sri Lanka Customs

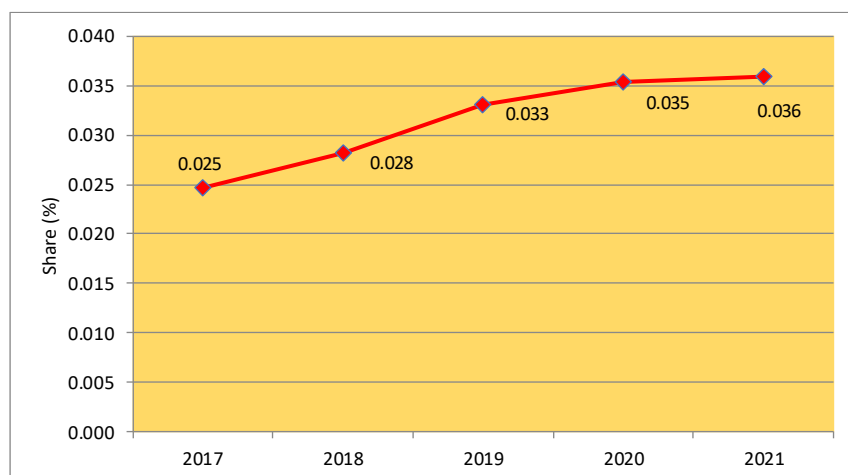
Figure 1.13: Major Exports Countries of Articles of Aluminium and Articles thereof - 2021

2 MACHINERY INDUSTRY

Table 2.1: Manufacture of Machinery Industry contribution to the GDP at Current and Constant Market Price (2015 - 2021)

Year	Current market price		Constant market price	
	contribution Value (Rs. Mn)	Share (%) of Total Current GDP	contribution Value (Rs. Mn)	Share (%) of Total Constant GDP
2017	3,291.73	0.025	3,254.64	0.035
2018	4,033.31	0.028	3,424.95	0.035
2019	4,966.89	0.033	3,528.35	0.036
2020	5,325.41	0.035	3,460.48	0.036
2021	6,044.92	0.036	3,830.37	0.039

Source : Department of Census and Statistics



Source : Department of Census and Statistics

Figure 2.1: The Contribution of the Machinery Industry sector to the share of the manufacturing industry to the GDP

Table 2.2: Manufacturing Establishments and Number of Persons Engaged of Machinery Industry (2015-2019)

Year	Establishments less than 25 persons engaged		Establishments 25 or more persons engaged	
	No of Establishments	Persons engaged	No of Establishments	Persons engaged
2015	16	203	5	631
2016	56	509	7	1,017
2017	57	586	20	1,612
2018	38	471	18	2,027
2019	44	490	23	2,513

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.3: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size of Machinery Industry (2015) (Establishments with 25 or more persons engaged)

2015								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	6	38	26	5,699,600	23,674,111	12,033,538	11,640,573	1,436,300
10 to 99	12	235	217	55,198,330	388,101,787	166,270,936	221,830,851	42,939,674
100 & above	3	561	558	272,075,460	2,248,017,825	1,087,267,987	1,160,749,838	115,390,522
Group total	21	834	801	332,973,390	2,659,793,723	1,265,572,461	1,394,221,262	159,766,496

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.4: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size of Machinery Industry (2016) (Establishments with 25 or more persons engaged)

2016								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	35	200	157	43,302,000	145,714,360	93,355,161	52,359,199	1,475,000
10 to 99	23	368	344	98,083,301	617,632,592	360,715,962	256,916,630	4,359,926
100 & above	5	958	957	428,894,896	4,895,941,291	3,490,819,540	1,405,121,751	149,548,618
Group total	63	1526	1458	570,280,197	5,659,288,243	3,944,890,663	1,714,397,580	155,383,544

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.5: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size of Machinery Industry (2017) (Establishments with 25 or more persons engaged)

2017								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	28	146	87	30,402,400	113,008,800	72,710,730	40,298,070	789,400
10 to 99	43	822	758	219,710,397	1,232,607,177	700,650,125	531,957,052	26,668,598
100 & above	6	1,230	1,229	651,870,037	7,341,842,055	5,388,750,571	1,953,091,484	660,244,803
Group total	77	2,198	2,074	901,982,834	8,687,458,032	6,162,111,426	2,525,346,606	687,702,801

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.6: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size of Machinery Industry (2018) (Establishments with 25 or more persons engaged)

2018								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	15	87	65	21,424,873	165,462,667	121,180,097	44,282,570	1,087,974
10 to 99	35	722	669	162,718,504	741,416,038	366,453,607	374,962,431	52,655,465
100 & above	7	1,689	1,683	974,634,749	8,923,375,899	6,288,919,428	2,634,456,471	370,812,395
Group total	57	2,498	2,417	1,158,778,126	9,830,254,604	6,776,553,132	3,053,701,472	424,555,834

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.7: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size of Machinery Industry (2019) (Establishments with 25 or more persons engaged)

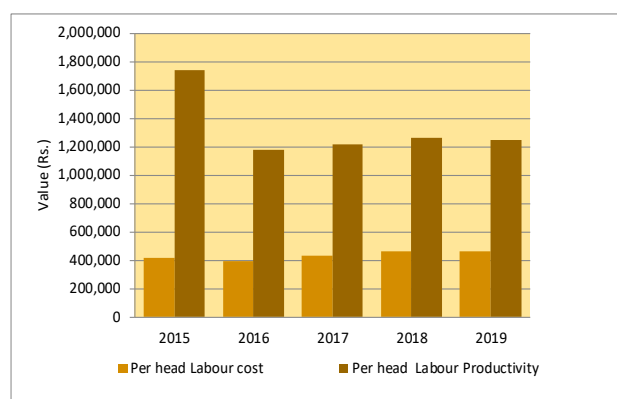
2019								
Year	No of establishments	Persons engaged	Employees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)
less than 10	18	107	64	30,404,021	240,378,117	146,682,564	93,695,553	664,873
10 to 99	40	902	868	290,875,663	1,291,635,197	667,882,570	623,752,627	58,797,185
100 & above	9	1,994	1,986	1,018,784,889	9,094,097,596	6,170,707,698	2,923,389,899	243,704,545
Group total	67	3,003	2,918	1,340,064,573	10,626,110,910	6,985,272,832	3,640,838,079	303,166,603

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.8: Manufacturing of Machinery Industry Per Head Labour Productivity

Year	Per head Labour cost	Per head Labour Productivity	Labour Cost to productivity ratio
2015	415,697	1,740,601	4.19
2016	391,139	1,175,856	3.01
2017	434,900	1,217,621	2.80
2018	459,241	1,263,426	2.75
2019	459,241	1,247,717	2.72

Source : Department of Census and Statistics, Annual Survey of Industries



Source : Department of Census and Statistics

Figure 2.2: Manufacturing of Machinery Industry Per Head Labour Productivity

Table 2.9: Categories of Employees by Nature of Employment Classified by Machinery industry

Year	Output (Rs.)	Shipped (Rs)/ products moved of the establishment (Rs.)	Change in Stocks (Rs.)	Industrial services & other revenue (Rs.)
2015	732,689,210	199,642,797	-15,971,496	549,017,909
2016	4,984,607,873	5,014,968,270	-38,235,398	7,875,001
2017	7,760,110,682	7,785,739,986	-83,763,246	58,133,942
2018	9,431,738,906	6,877,669,688	-195,608,426	2,749,677,644
2019	10,095,187,600	7,566,656,250	-111,121,145	2,639,652,496

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.10: Value of Intermediate Consumptions & Intermediate Consumptions Components Classified by Machinery Industry

(Establishments with 25 or more persons engaged)

Year	Intermediate consumption (Rs.)	Raw materials consumed (Rs.)	Cost of industrial services done by others & other payments (Rs.)	Electricity & fuel consumed (Rs.)
2015	1,135,877,061	939,667,637	145,761,515	50,447,909
2016	3,547,556,933	3,272,258,014	197,602,696	77,696,223
2017	5,650,293,993	4,179,399,235	1,372,740,360	98,154,398
2018	6,513,890,906	4,828,639,110	1,563,341,028	121,910,768
2019	6,652,071,873	5,080,354,141	1,452,911,881	118,805,852

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.11: Employment by Nature of Employment & Gender Classified by Industry Division of Machinery Industry - Establishment with 25 or more persons engaged

Year	Working Proprietors (No)		Unpaid family workers (No)		Operatives (No)		Other employees (No)		Total persons engaged	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
2015	5	2	-	-	410	53	144	17	559	72
2016	3	2	-	-	737	59	179	37	919	98
2017	23	3	10	-	1,158	86	283	49	1,474	138
2018	16	2	3	1	1,450	118	373	63	1,843	184
2019	13	2	-	-	1,797	85	526	89	2,336	176

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.12: Categories of Employees by Nature of Employment Classified by Machinery industry (Establishments with 25 or more persons engaged)

Year	Employees (No)	Skilled (No)	Unskilled (No)
2015	624	392	71
2016	1,012	625	171
2017	1,576	934	310
2018	2,004	1,278	291
2019	2,498	1,560	322

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.13: Economic Indicators of Industrial Activity Classified by Machinery Industry Class (Establishments with Less than 25 persons engaged)

Year	Output per persons engaged (Rs.)	Output per intermediate consumptions	Output per assets	Value added per persons engaged (Rs)	Value added per intermediate consumptions	Value added per assets
2015	1,595,191	2.497	1.420	956,297	1.497	0.851
2016	1,325,502	1.698	0.739	544,885	0.698	0.304
2017	1,581,478	1.812	1.055	708,636	0.812	0.473
2018	846,106	1.517	0.716	288,436	0.517	0.244
2019	1,084,247	1.593	1.207	403,787	0.593	0.449

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.14: Economic Indicators of Industrial Activity Classified by Machinery Industry Class (Establishments with 25 or more persons engaged)

Table 2.14.1: Manufacture of general purpose machinery

Year	Output per persons engaged (Rs.)	Output per intermediate consumptions	Output per assets	Value added per persons engaged (Rs.)	Value added per intermediate consumptions	Value added per assets
2015	6,597,863	2.357	2.463	3,798,141	1.357	1.418
2016	8,483,915	1.389	2.842	2,375,496	0.389	0.796
2017	8,420,544	1.360	2.794	3,013,473	0.360	0.740
2018	5,911,275	1.482	3.088	1,922,781	0.482	1.004
2019	6,436,329	1.503	4.471	2,153,180	0.503	1.496

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.14.2: Manufacture of special-purpose machinery

Year	Output per persons engaged (Rs.)	Output per intermediate consumptions	Output per assets	Value added per persons engaged (Rs.)	Value added per intermediate consumptions	Value added per assets
2016	1,773,908	1.477	2.268	572,865	0.477	0.732
2017	1,424,388	1.451	1.859	766,048	0.451	0.578
2018	3,006,473	1.367	3.237	807,030	0.367	0.869
2019	2,046,276	1.557	2.839	732,158	0.557	1.016

Source : Department of Census and Statistics, Annual Survey of Industries

Table 2.15: Number of Machinery Industries and Engaged Persons in Sri Lanka

(2013/14 Economic Census)

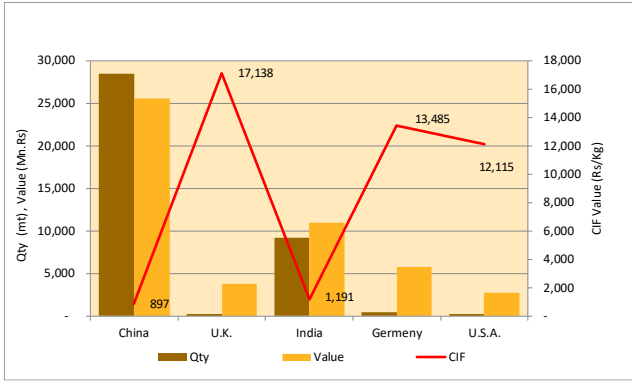
Industry	Micro		Small		Medium		Large	
	No. of Estab.	No. of PE	No. of Estab.	No. of PE	No. of Estab.	No. of PE	No. of Estab.	No. of PE
Manufacture of general purpose	29	62	16	179	7	377	2	783
Manufacture of general purpose	113	223	46	482	12	1088	3	1156
Total	142	285	62	661	19	1465	5	1939

Source: Department of Census and Statistics

Table 2.16: Imports of Machinery and Mechanical appliance (2019 - 2021)

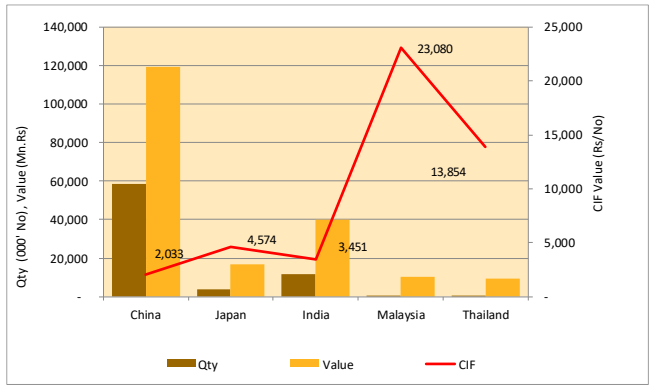
Description	Unit	2019		2020		2021	
		Quantity	Value (Rs. Mn)	Quantity	Value (Rs. Mn)	Quantity	Value (Rs. Mn)
Neuclear reactors, boilers, machinery and mechanical appliances, parts thereof.	MT	41,522	53,365	34,563	49,015	46,111	70,312
Neuclear reactors, boilers, machinery and mechanical appliances, parts thereof.	('000) No	67,994	202,902	64,072	182,923	83,094	269,640
Total	MT	41,522	53,365	34,563	49,015	46,111	70,312
Total	('000) No	67,994	202,902	64,072	182,923	83,094	269,640

Source: Sri Lanka Customs



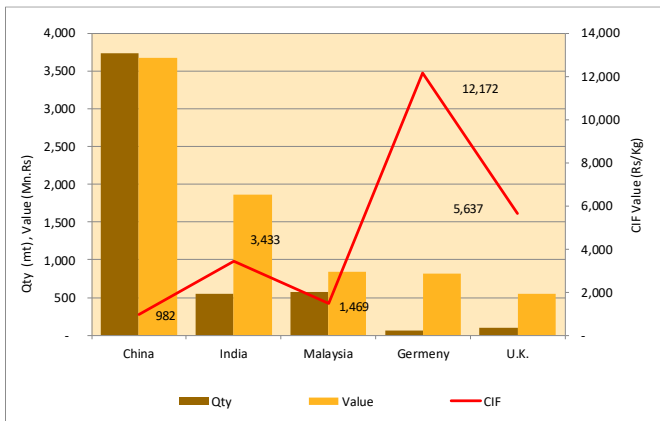
Source : Sri Lanka Customs

Figure 2.3: Major Imports Countries of Nuclear reactors, boilers, machinery and mechanical appliances, parts thereof - 2021



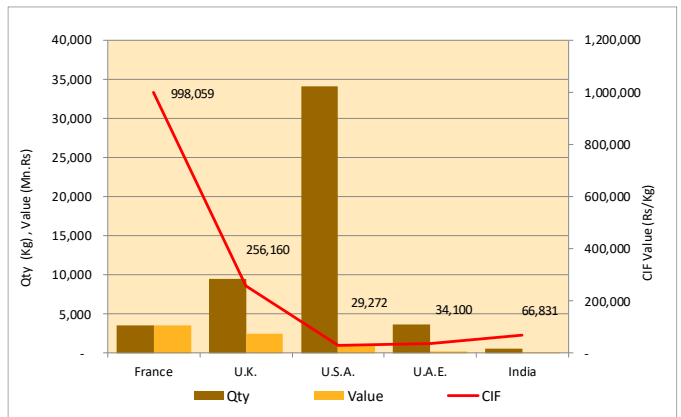
Source : Sri Lanka Customs

Figure 2.4: Major Imports Countries of Nuclear reactors, boilers, machinery and mechanical appliances, parts thereof - 2021



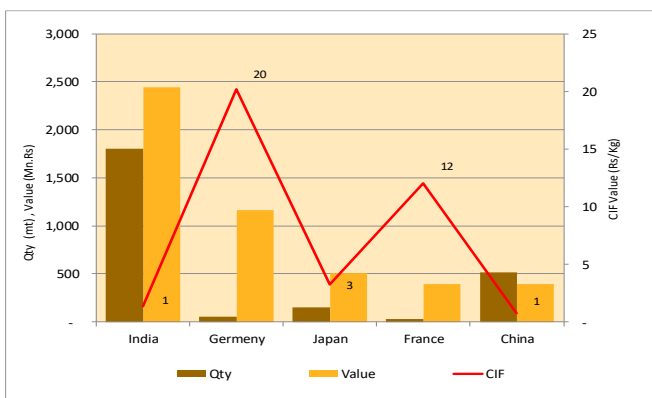
Source : Sri Lanka Customs

Figure 2.5: Major Imports Countries of Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves - 2021



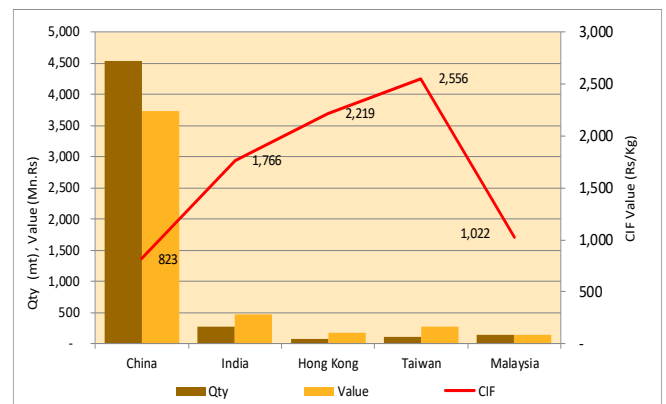
Source : Sri Lanka Customs

Figure 2.6: Major Imports Countries of Turbo-jets, turbo-propellers and other gas turbines - 2021



Source : Sri Lanka Customs

Figure 2.7: Major Imports Countries of Parts suitable for use solely or principally with the engines of heading - 2021



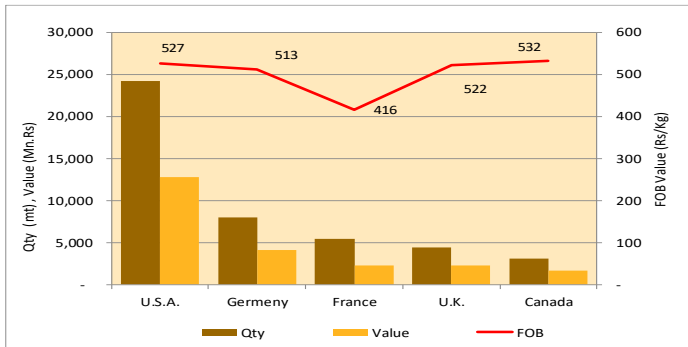
Source : Sri Lanka Customs

Figure 2.8: Major Imports Countries of Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics.—2021

Table 12.2.17: Exports of Machinery and Mechanical appliance (2019 - 2021)

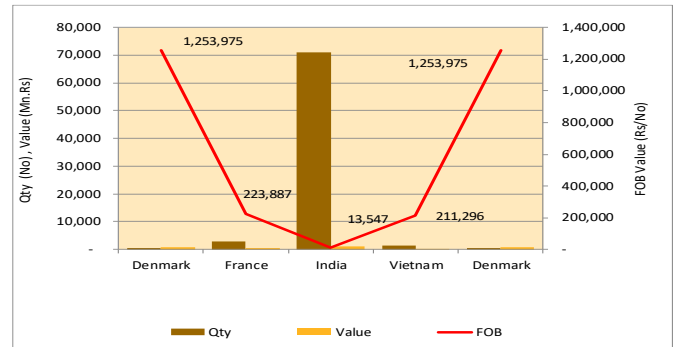
Description	Unit	2019		2020		2021	
		Quantity	Value (Rs. Mn)	Quantity	Value (Rs. Mn)	Quantity	Value (Rs. Mn)
Neuclear reactors, boilers, machinery and mechanical appliances, parts thereof.	MT	27,996	14,114	21,315	12,333	56,016	29,659
Neuclear reactors, boilers, machinery and mechanical appliances, parts thereof.	('000) No	247	4,144	204	4,341	136	4,927
Total	MT	27,996	14,114	21,315	12,333	56,016	29,659
Total	('000) No	247	4,144	204	4,341	136	4,927

Source: Sri Lanka Customs



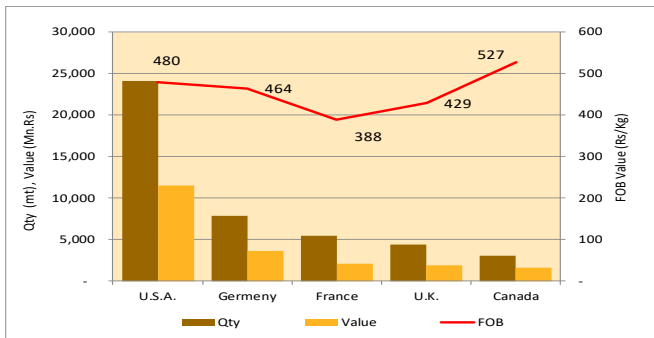
Source : Sri Lanka Customs

Figure 2.9: Major Exports Countries of Neuclear reactors, boilers, machinery and mechanical appliances, parts thereof - 2021



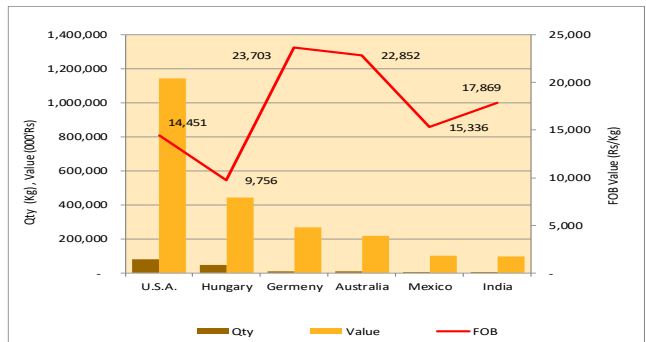
Source : Sri Lanka Customs

Figure 2.10: Major Exports Countries of Neuclear reactors, boilers, machinery and mechanical appliances, parts thereof - 2021



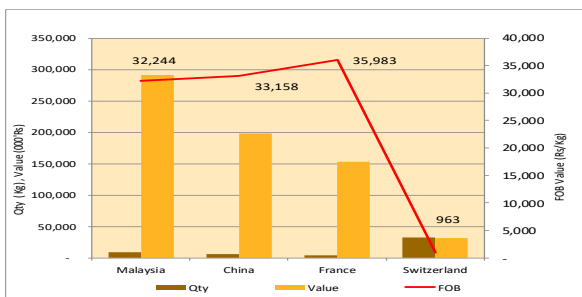
Source : Sri Lanka Customs

Figure 2.11: Major Exports Countries of Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves - 2021



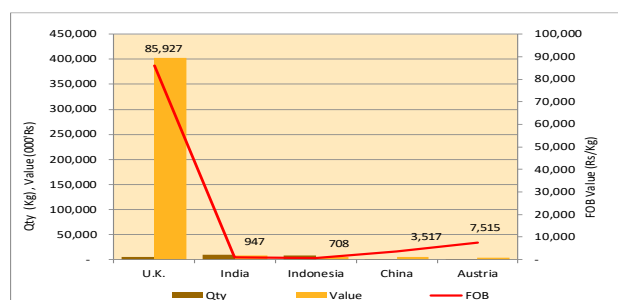
Source : Sri Lanka Customs

Figure 2.12: Major Exports Countries of Weighing machinery -2021



Source : Sri Lanka Customs

Figure 2.13: Major Exports Countries of Parts suitable for use solely or principally with the engines of heading - 2021



Source : Sri Lanka Customs

Figure 2.14: Major Exports Countries of Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics. -2021

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