

2022



RUBBER AND PLASTIC SECTOR



MINISTRY OF INDUSTRIES

RUBBER AND PLASTIC PRODUCTS 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 Hapuarachchci, 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
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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

The Sri Lankan rubber industry consists of three main sectors namely the plantation industry that grows and harvest latex, the rubber products manufacturing industry and the rubber wood based industry. The value-added rubber products manufacturing sector has recently emerged as the key driving force in the industrial based development of the economy.

The manufactured raw natural rubber falls under types and varieties, out of which the main grades are Ribbed smoked sheets (RSS) rubber, crepe rubber, Technically specified rubber (TSR), and Latex concentrate.

Sri Lanka pride itself in manufacturing a number of valueadded rubber products by processing raw rubber. These range from extrusion products like rubber bands, beadings, latex products such as medical, industrial and household gloves, industrial products like hoses, auto parts, industrial components, tyres, tubes, automotive tyres and general rubber products like floor mats, carpets, sports goods, footwear, hot water bottles and related components.

Today, Sri Lanka is the largest solid tyre manufacturer in the world catering to nearly 25% of the global demand. In addition, the country also produces pneumatic and semi-pneumatic tyres, tubes, and retreading materials for the global market. Produced under environmentally sustainable manufacturing guidelines, EU REACH regulation (EC) No 1907/2006, and global quality standard, country's tyre sector accounted for more than 60% share in the total value of rubber exports from Sri Lanka while solid tyres and new pneumatic tyres accounted for 61% and 38% of the export value in the local tyre sector, respectively.

The country is the fifth largest exporter of latex gloves in the world and also exports other rubber products including flooring mats, industrial components automotive components, rubber bands, sealing rings, straps, hoses, and hot water bottles.

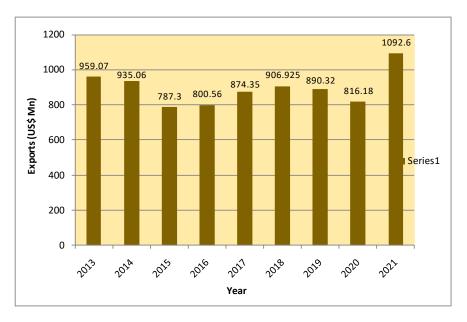
The Rubber Product industry is the fifth largest export earning industry accounting for 7.2 % of the total national exports and has established a reputation for its quality and reliability internationally. The rubber products exports show a 34% growth in 2021 when compared to 2020. Average growth rate is approximately 4.5%. Compared to last three years. Major markets for Rubber products are USA, Germany, Italy, Belgium, France and UK.

Plastic processing has been a flourishing industry in Sri Lanka for over 45 years. Currently, Sri Lanka has over 400 companies engaged in plastic processing. The capacity of the local plastic processing industry at present is nearly 140,000 MT per annum with an annual average growth rate of around 10%. – 12 %.Generally, Plastic exports could be divided into two forms, i.e primary forms of plastic exports and finished products of exports. The USA has been the dominant buyer of plastic products of Sri Lanka with nearly 40% of the total exports going to the USA market. Products such as sacks and bags, articles of apparel /clothing accessories, and cellulose are manufactured through plastic processing and exported directly and indirectly.

Plastic Processing Technologies Available in Sri Lanka are Pipe and Profile extrusion, Cast Film Extrusion, Blown Film Extrusion, Injection Molding, Extrusion blow molding, Rotational Molding and EPS Molding. Other sub — process Used in Sri Lanka related to Plastic Processing are Laminating, Printing, Weaving and Thermoforming. Water Supply and sanitation, Telecommunication, Construction, Packaging, Automobile, Medical and Electronics & Consumer durables are the major Allied Industries.

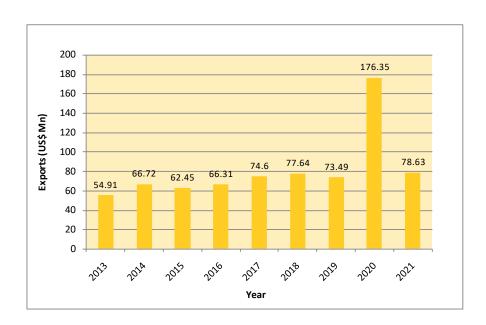
Total export earnings from the Rubber sector amounts to at USD 1,050 million by the end of 2021. The Sector Contributed 8.92% to total merchandise exports in year 2021. This is while receiving USD 321.73 million from USA, the largest buyer of the sector. Germany, Canada, Belgium, Italy, France, UK, India and Australia are other major export destinations. Sector contribution to GDP stands at approximately 0.8%.

Total export earnings from the Plastic processing sector amounts to at USD 78.63 million by the end of 2021. The Sector Contributed 0.64% to total merchandise exports in year 2021. This is while receiving USD 16.78 million from USA, the largest buyer of the sector. Bangladesh, India, Maldives, France, UK, Kenya and China are other major export destinations.



Source; Export Development Board

Figure 1: Exports Value of Rubber and Rubber based Products Industry



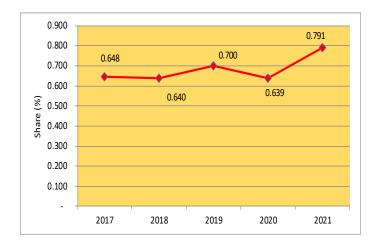
Source; Export Development Board

Figure 2: Exports Value of Plastic Products Industry

Table 1: Manufacture of Rubber And Plastic Product Contributions to the GDP at Current and Constant Market Price (2017 - 2021)

	Current mar	ket price	Constant market price		
Year	contribution Value (Rs. Mn)	Share (%) of Total Current	contribution Value (Rs. Mn)	Share (%) of Total Constant	
2017	86,306	0.648	86,202	0.921	
2018	91,498	0.640	85,933	0.889	
2019	105,034	0.700	81,070	0.820	
2020	95,989	0.639	68,334	0.717	
2021	133,031	0.791	82,013	0.830	

Source : Department of Census and Statistics



Source: Department of Census and Statistics

Figure 3: The Contribution of the Rubber & Plastic sector to the share of the manufacturing industry to the GDP

Table 2: Manufacturing Establishments and Number of Persons Engaged of Rubber and Plastic Products Industry (2015-2019)

Year		less than 25 persons ngaged	Establishments 25 or more persons engaged		
	No of Establish- ments	Persons engaged	No of Establishments	Persons engaged	
2015	264	3,204	243	37,699	
2016	207	1,710	212	37,379	
2017	320	2,419	225	35,375	
2018	278	3,578	231	35,429	
2019	436	3,813	162	41,044	

Table 3: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size of Rubber and Plastic Products Industry (2015) (Establishments with 5 or more persons engaged)

	2015									
Year	No of Estab- lishme nts	Persons engaged	Employ- ees	Salary & Wag- es	Output (Rs)	Intermediate consumptions (Rs)	Value added (Rs)	Gross addition to fixed assets (Rs)		
less than 10	99	628	547	188,076,821	550,609,114	144,655,577	405,943,537	7,199,276		
10 to 99	339	10,011	9,659	4,597,837,841	61,111,462,465	31,868,657,870	29,242,804,595	7,332,471,150		
100 & above	69	30,264	30,208	11,897,533,010	98,003,145,609	47,232,781,253	50,770,364,356	8,037,803,489		
Group total	507	40,903	40,413	16,683,447,672	159,665,217,188	79,246,104,699	80,419,112,488	15,377,473,915		

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

Table 4: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size of Rubber and Plastic Products Industry (2016) (Establishments with 5 or more persons engaged)

	2016									
Year	No of Estab- lishme nts	Persons engaged	Employ- ees	Salary & Wages	Output (Rs)	Intermediate consumptions (Rs)	Value added (Rs)	Gross addition to fixed assets (Rs)		
less than 10	175	1,254	939	155,330,413	1,589,348,100	726,436,628	862,911,472	1,125,267		
10 to 99	121	4,388	4,331	854,296,766	10,981,923,266	4,994,019,194	5,987,904,071	232,686,899		
100 & above	123	33,447	33,326	13,294,498,530	148,812,260,904	77,820,511,282	70,991,749,621	8,124,894,632		
Group total	419	39,089	38,596	14,304,125,709	161,383,532,270	83,540,967,104	77,842,565,164	8,358,706,798		

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

Table 5: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged size of Rubber and Plastic Products Industry (2017) (Establishments with 5 or more persons engaged)

	2017									
Year	No of Estab- lishment s	Persons engaged	Employ- ees	Salary & Wages	Output (Rs)	Intermediate consumptions (Rs)	Value added (Rs)	Gross addition to fixed assets (Rs)		
less than 10	257	1,399	525	108,945,132	1,032,177,875	550,569,663	481,608,212	65,000		
10 to 99	171	4,363	4,285	1,133,377,081	5,817,154,111	3,283,774,294	2,533,379,817	329,530,171		
100 & above	117	32,032	31,919	12,523,751,161	175,968,023,174	92,102,715,817	83,865,307,356	5,274,938,229		
Group total	545	37,794	36,729	13,766,073,374	182,817,355,160	95,937,059,774	86,880,295,385	5,604,533,400		

Table 6: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size of Rubber and Plastic Products Industry (2018) (Establishments with 5 or more persons engaged)

	2018									
Year	No of Estab- lishmen ts	Persons engaged	Employ- ees	Salary & Wages	Output (Rs)	Intermediate consumptions (Rs)	Value added (Rs)	Gross addition to fixed assets (Rs)		
less than 10	106	625	414	122,177,875	714,807,069	380,919,280	333,887,788	6,306,706		
10 to 99	292	8,197	8,043	3,080,037,046	27,436,772,658	15,128,402,761	12,308,369,897	607,557,570		
100 & above	111	30,185	30,061	13,083,686,624	167,356,895,581	89,894,785,389	77,462,110,192	6,516,899,727		
Group total	509	39,007	38,518	16,285,901,545	195,508,475,308	105,404,107,430	90,104,367,877	7,130,764,003		

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

Table 7: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size of Rubber and Plastic Products Industry (2019) (Establishments with 5 or more persons engaged)

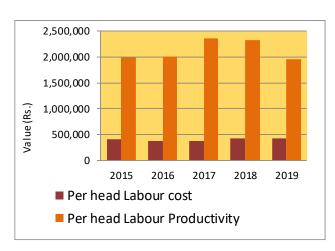
	2019									
Year	No of Estab- lishment s	Persons engaged	Employ- ees	Salary & Wages	Output (Rs)	Intermediate consumptions (Rs)	Value added (Rs)	Gross addition to fixed assets (Rs)		
less than 10	269	1,621	1,293	144,622,955	1,939,913,649	1,559,307,797	380,605,853	130,000		
icss than 10	203	1,021	1,233	144,022,333	1,333,313,043	1,333,307,737	300,003,033	130,000		
10 to 99	227	4,430	4,155	1,590,716,625	12,810,718,945	6,572,394,756	6,238,324,189	1,628,425,562		
100 & above	102	38,806	38,712	16,831,354,422	182,459,245,354	102,657,699,539	79,801,545,815	8,783,779,995		
Group total	598	44,857	44,160	18,566,694,002	197,209,877,948	110,789,402,092	86,420,475,857	10,412,335,557		

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

Table 8: Manufacturing of Rubber and Plastic Products Per Head Labour Productivity

Year	Per head La- bour cost	Per head La- bour Produc- tivity	Labour Cost to productivi- ty ratio	
2015	412,824	1,989,932	4.82	
2016	370,612	2,016,856	5.44	
2017	374,801	2,365,441	6.31	
2018	422,813	2,339,280	5.53	
2019	420,441	1,956,985	4.65	

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



Source : Department of Census and Statistics

Figure 4: Manufacturing of Rubber and Plastic Products Per Head Labour Productivity

Table 9: Value of Output & Output Components Classified by Industry of Rubber and Plastic-(Establishments 25 or more engaged)

Table 9.1: Rubber Product

Year	Output (Rs)	Shipped (Rs)/ products moved of the establish- ment (Rs)	Change in Stocks (Rs)	Industrial ser- vices & other revenue (Rs)
2015	100,485,269,397	83,037,955,862	1,900,589,008	15,546,724,527
2016	121,228,829,289	105,059,022,442	(365,730,898)	16,535,537,745
2017	147,090,117,110	136,699,010,691	151,442,522	10,239,663,897
2018	141,934,274,508	129,082,713,766	1,368,370,508	11,483,190,234
2019	147,702,421,003	, , ,		, , ,

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

Table 9.2: Plastic Product

Year	Output (Rs)	Shipped (Rs)/ prod- ucts moved of the establishment (Rs)	(Rs)	Industrial services & other revenue (Rs)	
2015	56,217,859,367	53,651,309,798	244,522,820	2,322,026,749	
2016	38,093,145,912	37,466,255,339	120,281,939	506,608,634	
2017	33,500,467,352	29,192,721,583	(360,282,858)	4,668,028,627	
2018	44,857,804,888	40,176,782,644	(724,753,119)	5,405,775,363	
2019	41,631,922,168	37,125,326,454	(530,570,696)	5,037,166,410	

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

Table 10: Value of Intermediate Consumptions & Intermediate Consumptions Components Classified by Industry of Rubber and Plastic (Establishments with 25 or more persons engaged)

Table 10.1: Rubber Product

Year	Intermediate con- sumption (Rs)	Raw materials con- sumed (Rs)	Cost of industrial services done by others & other payments (Rs)	Electricity & fuel consumed (Rs)
2015	46,956,976,217	36,003,197,752	7,331,849,414	3,621,929,051
2016	58,806,864,422	46,393,951,446	7,854,455,239	4,558,457,738
2017	75,407,248,999	65,793,219,706	6,052,000,747	3,562,028,546
2018	73,350,785,555	62,550,606,794	6,650,704,504	4,149,474,257
2019	82,221,529,060	68,866,741,144	8,829,566,088	4,525,221,828

Table 10.2: Plastic Product

Year	Intermediate con- sumption (Rs)	Raw materials consumed (Rs)	Cost of industrial services done by others & other payments (Rs)	Electricity & fuel consumed (Rs)	
2015	31,136,565,954	26,884,213,014	2,297,233,654	1,955,119,285	
2016	23,715,343,020	20,307,354,304	1,787,975,073	1,620,013,643	
2017	19,306,140,642	16,375,120,944	1,553,442,351	1,377,577,347	
2018	25,914,315,079	21,564,071,480	2,550,396,753	1,799,846,846	
2019	23,498,645,414	20,315,522,804	1,681,013,371	1,502,109,239	

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

Table 11: Employment by Nature of Employment & Gender Classified by Industry Division of Rubber and Plastic (Establishment with 25 or more persons engaged)

Table 11.1: Rubber Product

Year		Proprietors Unpaid family No) workers (No)		•	Operatives (No)		Other employees (No)		Total persons enged	
. cu.	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
2015	217	5	2	-	14,241	9,700	4,633	1,273	19,094	10,978
2016	99	13	-	23	13,049	8,489	4,675	2,183	17,824	10,708
2017	75	15	-	-	12,195	8,511	4,222	1,751	16,492	10,277
2018	68	17	_	-	12,578	7,637	4,707	1,448	17,360	9,101
					,	,	,	,	,	,
2019	65	39	-	-	18,477	9,681	4,984	1,576	23,526	11,29

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

Table 11.2: Plastic Product

Year	_	Proprietors No)	Unpaid worker	•	Operatives (No)		Other employees (No)		Total persons enged	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
2015	111	50	-	-	3,497	1,649	1,658	662	5,266	2,361
2016	20	1	-	-	3,890	1,923	2,265	748	6,175	2,672
2017	30	13	6	3	3,671	2,390	1,598	895	5,305	3,301
2018	25	20	-	-	4,039	2,047	1,988	849	6,052	2,916
2019	22	13	-	-	3,025	1,088	1,544	531	4,591	1,632

Table 12: Economic indicators of Industrial Activity Classified by Industry Class of Rubber and Plastic Establishments with less than 25 persons engaged

Year	Output per persons engaged (Rs)	Output per inter- mediate con- sumptions	Output per assets	Value added per persons en- gaged (Rs)	Value added per in- termediate con- sumptions	Value added per assets
2015	924,444	2.570	0.999	564,739	1.570	0.610
2016	1,205,589	2.024	1.831	609,823	1.024	0.926
2017	920,409	1.820	0.412	414,620	0.820	0.185
2018	2,436,108	1.420	2.129	720,344	0.420	0.629
2019	2,065,270	1.544	1.792	735,922	0.554	0.639

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

Table 13: Economic Indicators of Industrial Activity Classified by Industry Class of Rubber and Plastic Products (Establishments with 25 or more persons engaged)

Table 13.1: Rubber Product

Year	Output per per- sons engsged (Rs)	Output per intermediate consumptions	Output per assets	Value added per persons engaged (Rs)	Value added per intermediate consumptions	Value added per assets
2016	4,248,895	2.061	2.891	2,187,799	1.061	1.489
2017	5,494,876	1.951	4.319	1,272,390	0.951	2.105
2018	5,363,904	1.935	3.737	2,591,871	0.935	1.806
2019	4,241,684	1.796	3.310	1,880,465	0.796	1.468

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

Table 13.2: Plastic Product

Year	Output per per- sons 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	4,305,839	1.606	1.356	1,625,188	0.606	0.512
2017	3,892,663	1.735	1.810	2,150,757	0.735	0.767
2018	5,001,985	1.731	1.749	2,112,343	0.731	0.739
2019	6,690,406	1.772	1.680	2,914,086	0.772	0.732

Table 14: Categories of Employees by Nature of Employment Classified by Rubber and Plastic Products industry (Establishments with 25 or more persons engaged)

Table 14.1: Rubber Product

Year	Employees (No)	Skilled (No)	Unskilled (No)		
2015	29,847	15,026	8,915		
2016	28,397	15,753	5,785		
2017	26,679	16,101	4,605		
2018	26,376	16,462	3,753		
2019	34,718	21,731	6,427		

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

Table 14.2: Plastic Product

Year	Employees (No)	Skilled (No)	Unskilled (No)
	. , , ,	, ,	, ,
2015	7,466	3,290	1,856
2016	8,825	4,426	1,387
2017	8,554	4,366	1,696
2018	8,923	4,708	1,378
2019	6,188	3,148	965

Table 15: Number of Rubber and Plastic Manufacturing Industries and Engaged Persons in Sri Lanka

(2013/14 Economic Census)

Table 15.1: Rubber Product

	Mic	cro	Small		Medium		Large	
Industry	No. of Es- tab.	No. of PE	No. of Es- tab.	No. of PE	No. of Estab.	No. of PE	No. of Es- tab.	No. of PE
Manufacture of pneumatic rubber tyres	-	-	6	85	9	1042	12	6604
Retreading and rebuilding of rubber tyres	17	31	17	170	6	399	1	345
Manufacture of solid tyres	2	4	-	-	-	-	4	2006
Manufacture of rubber plates, sheets, strips, rods etc.	1339	1784	142	1358	47	2472	7	2265
Manufacture of rubber pipes, hoses, rings, fittings, seals	33	57	13	159	1	60	2	742
Manufacture of rubberized yarns and fabrics, rubber thread & rope	2	8	1	15	1	38	-	-
Manufacture of inflatable rubber mattresses, rubber hygienic articles: contraceptives, teats etc.	2	2	1	19	-	-	-	-
Manufacture of rubber bathing caps & aprons, wet suits, diving suits and other rubber based garments	5	11	2	12	-	-	1	287
Manufacture of rubber based gar- ments	-	-	-	-	-	-	1	390
Manufacture of inflatable rubber balloons	1	4	5	45	1	30	1	257
Manufacture of hard rubber products	2	2	4	29	1	35	-	-
Manufacture of other rubber products n.e.c.	106	180	42	436	22	1882	10	4128
Total	1,509	2,083	233	2,328	88	5,958	39	17,024

Source : Department of Census and Statistics

Table 15.2.: Plastic Product

	Micro		Small		Medium		Large	
Industry	No. of Es- tab.	No. of PE						
Manufacture of semi manufac- tures of plastic products; such as plates, sheets, blocks, film, foil etc.	3	9	1	5	-	-	-	-
Manufacture of finished plastic products; such as tubes, pipes, hoses, pipe fittings (Rings, seals etc.)	39	84	21	227	8	666	1	413
Manufacture of plastic articles for packing goods (such as containers, boxes, bottles, bags etc.)	75	154	29	317	19	1250	3	720
Manufacture of builder's plastic ware (such as doors, windows, frames, shutters, tanks, reser- voirs, sanitary ware	5	9	10	117	3	218	-	-
Manufacture of plastic table- ware, kitchenware, toilet arti- cles etc.	27	68	9	71	4	146	3	991
Manufacture of plastic products such as school supplies, con- veyor belts, combs, hair curlers, novelties etc.	47	70	5	42	1	30	1	450
Manufacture of Fibre Glass Products	197	290	11	92	1	30	-	-
Manufacture of Adhesive Tapes and diverse plastic products n.e.c.	270	462	61	613	27	1854	2	1425
Total	2172	3229	380	3812	151	10152	49	21023

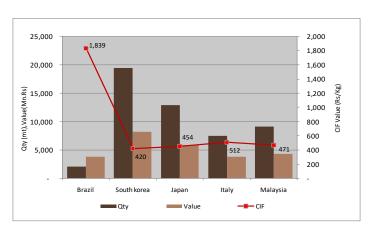
Source : Department of Census and Statistics

Table 16: Imports of Rubber and Plastic Products

Description	Unit	2019		20	20	2021	
		Quantity	Value (Rs. Mn)	Quantity	Value (Rs. Mn)	Quantity	Value (Rs. Mn)
Plastics and articles							
thereof	MT	443,985	127,695	284,242	113,302	436,742	168,969
Rubber and articles							
thereof.	MT	159,047	46,473	154,342	44,167	198,678	84,503
Rubber and articles							
thereof.	('000) No	3,990	12,261	3,470	8,064	4,035	16,543
Total	MT	603,032	174,167	438,584	157,468	635,420	253,471
Total	('000) No	3,990	12,261	3,470	8,064	4,035	16,543
Grand Total			186,428		165,532		270,015

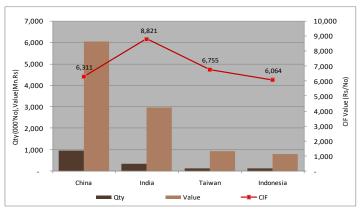
Source: Sri Lanka Customs

Import - Rubber Product



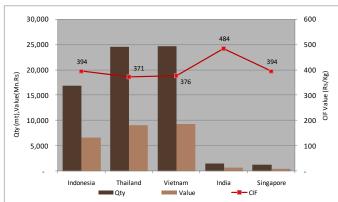
Source : Sri Lanka Customs

Figure 5: Major Import Countries of Synthetic rubber and factice derived from oils, in primary forms or in plates, sheets or strip-2021



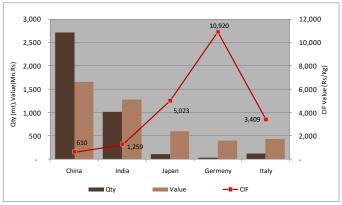
Source : Sri Lanka Customs

Figure 7: Major Import Countries of New pneumatic tyres, of rubber-2021



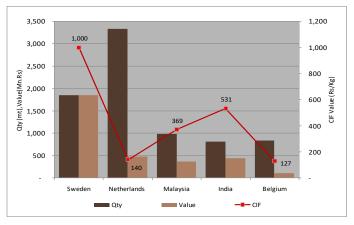
Source : Sri Lanka Customs

Figure 6: Major Import Countries of Natural rubber, balata, gutta-percha, guayule, chicly and similar natural gums-2021



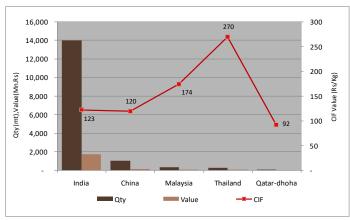
Source : Sri Lanka Customs

Figure 8: Major Import Countries of other articles of vulcanized rubber other than hard rubber-2021



Source : Sri Lanka Customs

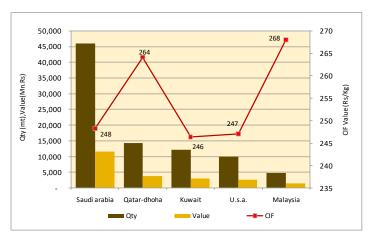
Figure 9: Major Import Countries of Compounded rubber, unvulcanised in primary forms or in plates, sheets or strip -2021



Source : Sri Lanka Customs

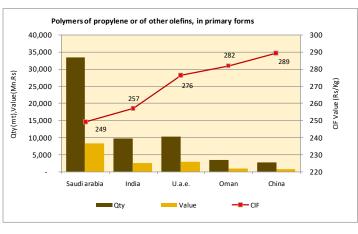
Figure 10: Major Import Countries of Reclaimed rubber in primary forms or in plates, sheets or strip-2021

Import - Plastic Product



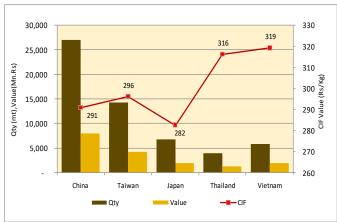
Source : Sri Lanka Customs

Figure 11: Major Import Countries of Polymers of ethylene, in primary forms-2021



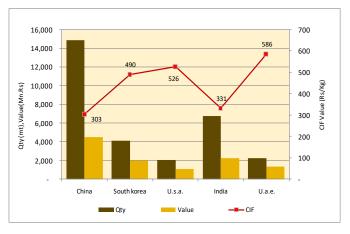
Source : Sri Lanka Customs

Figure 13: Major Import Countries of Polymers of propylene or of other olefins, in primary forms-2021



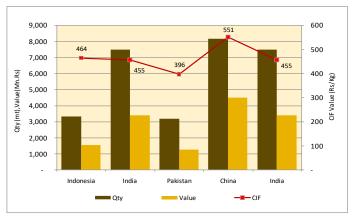
Source : Sri Lanka Customs

Figure 12: Major Import Countries of Polymers of vinyl chloride or of other halogenated olefins, in primary forms-2021



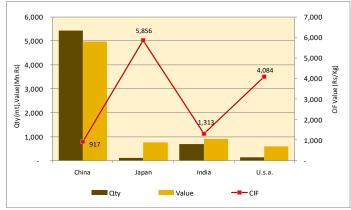
Source : Sri Lanka Customs

Figure 14: Major Import Countries of Polyacetals, other polyethers and epoxide resins, in primary forms-2021



Source: Sri Lanka Customs

Figure 15: Major Import Countries of other plates, sheets, film, foil and strip, of plastics non-cellular-2021



Source : Sri Lanka Customs

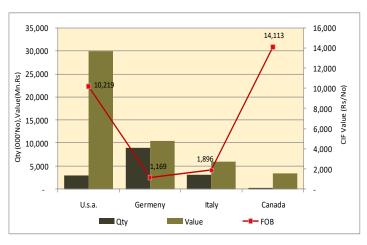
Figure 16: Major Import Countries of other articles of plastics and articles of other materials of headings 39.01 to 39.14 - 2021

Table 9.17: Exports of Rubber and Plastic Products

Description	Unit	2019		202	20	2021	
		Quantity	Value	O. contitu	Value	Overstitus	Value
			(Rs. Mn)	Quantity	(Rs. Mn)	Quantity	(Rs. Mn)
Plastics and articles							
thereof	MT	30,456	13,139	27,497	32,613	27,793	15,646
Rubber and articles							
thereof.	MT	94,799	67,145	87,738	72,688	84,623	98,993
Rubber and articles							
thereof.	('000) No	31,851	91,993	30,194	78,392	48,716	118,359
Total	MT	125,255	80,284	115,235	105,300	112,416	114,639
Total	('000) No	31,851	91,993	30,194	78,392	48,716	118,359
Grand Total			172,278		183,692		232,998

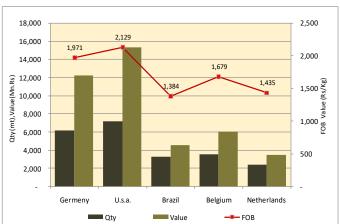
Source: Sri Lanka Customs

Export - Rubber Product



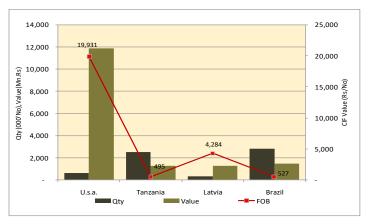
Source : Sri Lanka Customs

Figure 17: Major Export Countries of Retreaded or used pneumatic tyres of rubber; solid or cushion tyres, tyre treads and tyre fiap, of rubber-2021



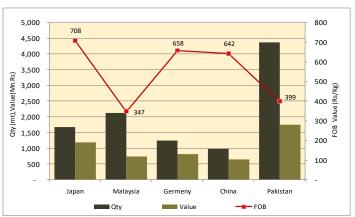
Source : Sri Lanka Customs

Figure 18: Major Export Countries of Articles of apparel and clothing accessories-2021



Source: Sri Lanka Customs

Figure 19: Major Export Countries of New pneumatic tyres, of rubber-2021



Source: Sri Lanka Customs

Figure 21: Major Export Countries of Natural rubber, balata,

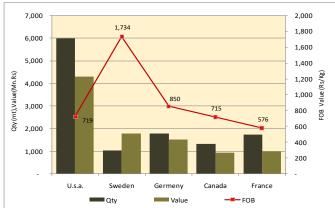
gutta-percha, guayule, chicle and similar natural gums-2021

Export - Plastic Product



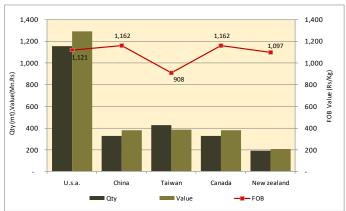
Source: Sri Lanka Customs

Figure 23: Major Export Countries of Articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and closures, of plastics-2021



Source: Sri Lanka Customs

Figure 20: Major Export Countries of other articles of vulcanized rubber other than hard rubber-2021



Source: Sri Lanka Customs

Figure 22: Major Export Countries of Plates, sheets, strip, rods and profile shapes, of vulcanized rubber other than hard rubber-2021



Source: Sri Lanka Customs

Figure 24: Major Export Countries of other articles of plastics and articles of other materials of headings 39.01 to 39.14 -2021

References

Annual Survey of Industries 2016, Department of Census and Statistics

Annual Survey of Industries 2017, Department of Census and Statistics

Annual Survey of Industries 2018, Department of Census and Statistics

Annual Survey of Industries 2019, Department of Census and Statistics

APO(2020) APO Productivity Data book 2020

https://www.apo-tokyo.org/wp-content/uploads/2020/11/APO-Productivity-Databook-2020.pdf:

Central Bank Annual Report 2018; https://www.cbsl.gov.lk/

Central Bank Annual Report 2019; https://www.cbsl.gov.lk/

Central Bank Annual Report 2020; https://www.cbsl.gov.lk/

Central Bank Annual Report 2021; https://www.cbsl.gov.lk/

External Trade Statistics, 2018, Sri Lanka Customs

External Trade Statistics, 2019, Sri Lanka Customs

External Trade Statistics, 2020, Sri Lanka Customs

External Trade Statistics, 2021, Sri Lanka Customs

National Accounts of Sri Lanka 2019, Department of Census and Statistics

Sri Lanka Export Development Board website; https://www.srilankabusiness.com/

UNIDO Statistics, Industrial Production Index Methodology

;file:///F:/Industry%20Books/Industrial%20Production%20Index%20Methodology.pdf

UNIDO Statistics, World Manufacturing Production;

file:///F:/Industry%20Books/World_Manufacturing_Production_2021_Q3.pdf