



CERAMIC, PORCELAIN, TILE AND GRANITE SECTOR



MINISTRY OF INDUSTRIES

CERAMIC, PORCELAIN, TILE & GRANITE SECTOR INDUSTRY

MINISTRY OF INDUSTRIES

List of Contributors

Mr.A.H.M.U. Aruna Banadara Miss. Inoka De Alwis Miss.Samangika Abeysinghe Mr.G.D.P.Munidasa Miss.W.P.Kalyani Mrs. H.A.R.N. Wijesinghe Ms. Chamari Fonseka Mr. Umesh Hapuarachchi Mr. P.A.N.C. Pathiraja Mr.W.A.S.R. Jayawardhane Ms.G.R. Madagedara Ms. W.A.K.Fernando Mrs. G.H.R.A. Priyashanika Ms.A.A.S.Weerasinghe Mrs.W.P.D.M. Nawarathna Mrs.K.A.M.L.Senani Mrs. M.Nalani Mrs.S.D.C.Priyanka Mr.H.M.R.A.Bandara Mrs.R. Dinithi Madushani Mrs.M.L.Jayaweera

Statistics Unit Planning Division Ministry of Industries P.O.Box 570,73/1, Galle road, Colombo 03

Telephone: +94 11 2392149

E-mail: plan_unit@yahoo.com

Website: www.industry.gov.lk

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-commited 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 Secretary Ministry of Industries

Content

	Page No.
Overview	1
Data Tables of Ceramic, Porcelain and Granite Sector	2 - 12
References	14

List of Tables

Table 1:	Manufacture of Ceramic, Porcelain, Tile & Granite Product Contributions to the GDP at Current and Constant Market Price (2017 - 2021)	02
Table 2:	Manufacturing Establishments and Number of Persons Engaged of Ceramic, Porcelain, Tile & Granite Product Industry (2015-2018)	02
Table 3:	Principal Indicators of Industrial Activity Classified by Industry Division & Persons En- gaged Size of Ceramic, Porcelain, Tile & Granite Product Industry (2015) (Establishments with 5 or more persons engaged)	03
Table 4:	Principal Indicators of Industrial Activity Classified by Industry Division & Persons En- gaged Size of Ceramic, Porcelain, Tile & Granite Product Industry (2016) (Establishments with 5 or more persons engaged)	03
Table 5:	Principal Indicators of Industrial Activity Classified by Industry Division & Persons En- gaged Size of Ceramic, Porcelain, Tile & Granite Product Industry (2017) (Establishments with 5 or more persons engaged)	03
Table 6:	Principal Indicators of Industrial Activity Classified by Industry Division & Persons En- gaged Size of Ceramic, Porcelain, Tile & Granite Product Industry (2018) (Establishments with 5 or more persons engaged)	04
Table 7:	Principal Indicators of Industrial Activity Classified by Industry Division & Persons En- gaged Size of Ceramic, Porcelain, Tile & Granite Product Industry (2019) (Establishments with 5 or more persons engaged)	04
Table 8:	Manufacturing of Electrical Equipment's Per Head Labour Productivity	04
Table 9:	Value of Output & Output Components Classified by Ceramic, Porcelain, Tile & Granite Product industry - Establishments 25 or more engaged	05
Table 10:	Value of Intermediate Consumptions & Intermediate Consumptions Components Classi- fied by Ceramic, Porcelain, Tile & Granite Product Industry (Establishments with 25 or more persons engaged)	05
Table 11:	Employment by Nature of Employment & Gender Classified by Industry Division of Ce- ramic, Porcelain, Tile & Granite Product - Establishment with 25 or more persons engaged	05
Table 12:	Economic Indicators of Industrial Activity Classified by Industry Class (Establishments with less than 25 persons engaged)	06
Table 13:	Economic Indicators of Industrial Activity Classified by Industry Class (Establishments with 25 or more persons engaged)	06
Table 13.1:	Manufacture of Glass and Glass Products	06
Table 13.2:	Manufacture of Non-metallic Mineral products	06
Table 14:	Categories of Employees by Nature of Employment Classified by Ceramic, Porcelain, Tile & Granite Product industry (Establishments with 25 or more persons engaged)	07

Ceramic, Porcelain, Tile & Granite Sector Industry (contd.)

List of Tables

08Table 15:	Number of Ceramic, Porcelain, Tile & Granite Product Manufacturing Industries and En- gaged Persons in Sri Lanka (2013/14 Economic Census)	07
Table 15.1:	Manufacture of Glass and Glass Products	07
Table 15.2:	Manufacture of Refractory Products	08
Table 15.3:	Manufacture of Clay Building Materials	08
Table 15.4:	Manufacture of Other Porcelain and Ceramic Products	09
Table 15.5:	Cutting, Shaping and Finishing of Stones	09
Table 15.6:	Manufacture of Articles of Concrete, Cement and Plaster	10
Table 15.7:	Manufacture of Non -metallic Mineral Products n.e.c	10
Table 16:	Ceramic, Porcelain, Tile & Granite Products Imports (2019-2021)	11
Table 17:	Ceramic, Porcelain, Tile & Granite Products Exports (2019-2021)	12

List of Figures

Figure 1:	Exports Value of Ceramic, Porcelain, Tile & Granite Products Industry	01
Figure 2:	The Contribution of the Ceramic, Porcelain, Tile & Granite Product Manufacturing Indus- try to the GDP	02
Figure 3:	Manufacturing of Electrical Equipment's Per Head Labour Productivity	04
Figure 4:	Major Imports Countries of Unglazed ceramic flags and paving, hearth or wall tiles; un- glazed ceramic mosaic cubes and the like, whether or not on a backing - 2021	11
Figure 5:	Major Imports Countries of Ceramic sinks, wash basins, wash basin pedestals, baths, bi- dets, water closet pans, flushing cisterns, urinals and similar sanitary fixtures - 2021	11
Figure 6:	Major Imports Countries of Table Ware Sector - 2021	12
Figure 7:	Major Imports Countries of Ornamental Ware Sector - 2021	12
Figure 8:	Major Imports Countries of Marble & Granite Sector - 2021	12
Figure 9:	Major Imports Countries of Glass & Glass ware - 2021	12
Figure 10:	Major Exports Countries of Unglazed ceramic flags and paving, hearth or wall tiles; un- glazed ceramic mosaic cubes and the like, whether or not on a backing - 2021	13
Figure 11:	Major Exports Countries of Ceramic sinks, wash basins, wash basin pedestals, baths, bi- dets, water closet pans, flushing cisterns, urinals and similar sanitary fixtures - 2021	13
Figure 12:	Major Exports Countries of Table Ware Sector - 2021	13
Figure 13:	Major Exports Countries of Ornamental Ware Sector - 2021	13
Figure 14:	Major Exports Countries of Marble & Granite Sector - 2021	13
Figure 15:	Major Exports Countries of Glass & Glass ware - 2021	13

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

Ceramic, Porcelain, Tile and Granite sector consist of the subsectors of manufacturing Tableware, kitchen ware, home ware, Ornamental ware, Sanitary ware, Floor tiles, wall tiles, Red Clay Roof Tiles, Glass bottles and jars, Cut stone products and Craft pottery.

Total export earnings from the sector amounted to USD 61 million by the end of 2021. During 2021 the table ware sector was the highest contributor to the sector exports which amounted to USD 23 million. That is a 58% increase in the table ware exports compared to year 2020 which recorded USD 14.5 million. Floor tiles and wall tiles exports amounted to USD 7.9 million in 2021 compared to USD 4.9 million export earnings recorded in 2020. Ornamental ware sector is reported as the third highest sector of export earnings of the sector which amounted to USD 3.9 million.

The Sector Contributed 0.31 % to total merchandise exports in year 2021. This is while receiving USD 7.6 million from USA, the largest buyer of the sector. India, Australia, Japan, UK, Germany and Italy, are the major buyers of Ceramic and Tile products of Sri Lanka. Sector contribution to GDP stands at approximately 0.16%.

The industry provides direct employment for about 30,000 people and indirect employment for more than 20,000 people. The tableware and ornamental ware sector employed 16,000 to 18,000 while the tile sector accounts for 2,000 - 4,000 employees.

Ceramic, Porcelain, Tile and Granite sector mainly imports High Quality Ball Clay, High Quality Kaolin, Unfinished stone, Soda Ash, High quality Plaster for moulds, Alumina, Colour Pigments and additives which accounted for USD 150 million in 2021. Floor tile and wall tile imports has declined by around 70% from imports amounted to USD 20 million recorded in 2020 to USD 5 million recorded in 2021.



In early 2020, Sri Lanka did not have the capacity to fulfil the demand of bath ware in the country.

Due to government requests to increase manufacturer capacities, a number of factories were set up with investments of up to nearly Rs. 20 billion. This significantly increased capacity helped the industry reach its desired target within a span of two years.

Currently, the Tile Sector Annual production capacity is 16.0 Mnsqm. The local tile cluster is on a low base with the per capita tile consumption only at $0.6m^2$ compared to Europe at $6m^2$ per person, Brazil $2.5m^2$ per person and China at $2m^2$ per person. Low per capita tile consumption in Sri Lanka proves that there is ample room for the tile sector to grow. At present, floor tiles contribute 77% whilst wall tiles contribute 23% to the local tile cluster.

All Sri Lankan Porcelain Tableware products conform to Food & Drug Administration (FDA) norms ASTM Standards. The tableware and kitchenware exports amount to around 63 per cent of the country's total ceramic exports. There are three key players in the country and their main export markets are India, USA, Japan, UAE, and Sweden.

Sri Lanka manufactures Bath ware & sanitary ware for both domestic & international markets. The product quality conforms to British standard specification BS EN 3402-1962, thereby ensuring that the products will be on par with that of any leading European manufacturer in terms of both design and quality.

Sri Lanka has the availability of a highly skilled and literate workforce. Aplenty of trained and gifted designers, chemists, technologists and engineers provide a highly productive workforce. Sri Lanka is blessed with high quality mineral deposits like Quartz, Feldspar, Silica Sand, Dolomite, Kaolin and Ball clay which are essential for ceramic. The outstanding quality and purity of these materials contribute to the high standard of the products.

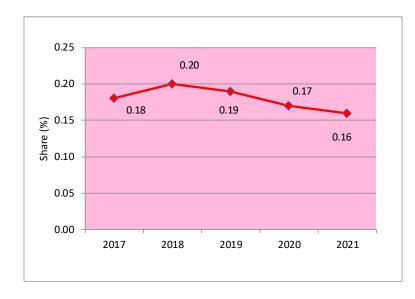
Going in line with the global trends, Sri Lanka has to convert from traditional ceramics into technical and advanced ceramic adopting Innovative thinking in terms of design and product ideas There is a high requirement for ceramic engineers, material science graduates and many other skilled and unskilled labours in similar new trends to join the industry.

Figure 1: Exports Value of Ceramic, Porcelain, Tile & Granite Products Industry Source; Export Development Board

Table 1: Manufacture of Ceramic, Porcelain, Tile & Granite Product Contributions to the GDP at Current and Constant Market Price (2017 - 2021)

	Curre	ent	Constant		
Year	Contribution Value (Rs. Mn)	Share (%)	Contribution Value (Rs. Mn)	Share (%)	
2017	23,743	0.18	32,909	0.35	
2018	28,381	0.20	34,233	0.35	
2019	27,754	0.19	31,408	0.32	
2020	25,794	0.17	28,725	0.30	
2021	26,280	0.16	31,129	0.32	

Source : Department of Census and Statistics



Source : Department of Census and Statistics

Figure 2: The Contribution of the Ceramic, Porcelain, Tile & Granite Product Manufacturing Industry to the GDP

Table 2: Manufacturing Establishments and Number of Persons Engaged of Ceramic, Porcelain, Tile &Granite Product Industry (2015-2018)

		less than 25 per- engaged	Establishments 25 or more persons engaged		
Year	No of Establish- ments	Persons engaged	No of Establish- ments	Persons engaged	
2015	1,547	13,842	91	20,509	
2016	1,429	12,576	108	13,887	
2017	1,646	12,718	189	19,787	
2018	1,701	15,004	201	22,880	
2019	2,204	18,571	78	17,674	

Table 3: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size ofCeramic, Porcelain, Tile & Granite Product Industry (2015)(Establishments with 5 or more persons engaged)

	2015											
Year	No of establish- ments	Persons engaged	Employ- ees	Salary & Wag- es	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)				
less than 10	992	5,649	4,617	1,288,301,269	5,725,596,446	2,581,848,400	3,143,748,047	107,574,697				
10 to 99	602	10,241	9,269	2,175,923,028	7,459,231,763	3,128,159,698	4,331,072,065	573,211,419				
100 & above	43	18,461	17,935	10,727,349,344	186,713,216,956	148,240,572,911	38,472,644,045	3,138,262,202				
Group total	1,637	34,351	31,821	14,191,573,642	199,898,045,165	153,950,581,008	45,947,464,157	3,819,048,318				

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

Table 4: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size ofCeramic, Porcelain, Tile & Granite Product Industry (2016)(Establishments with 5 or more persons engaged)

	2016												
Year	No of establish- ments	Persons en- gaged	Employ- ees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)					
less than 10	1048	6,476	3,917	748,963,754	3,355,738,298	1,804,869,297	1,550,869,000	11,792,000					
10 to 99	451	9,082	8,719	2,312,697,174	59,722,712,340	42,124,141,814	17,598,570,527	1,081,790,265					
100 & above	38	10,905	10,897	4,817,528,756	142,425,703,905	107,680,869,479	34,744,834,425	18,526,578,233					
Group total	1537	26,463	23,532	7,879,189,684	205,504,154,543	151,609,880,591	53,894,273,952	19,620,160,497					

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

Table 5: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size ofCeramic, Porcelain, Tile & Granite Product Industry (2017)(Establishments with 5 or more persons engaged)

	2017											
Year	No of establish- ments	Persons engaged	Employ- ees	Salary & Wag- es	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)				
less than 10	1299	7,316	3,740	883,344,794	6,201,018,651	3,905,373,572	2,295,645,078	491,133,250				
10 to 99	488	10,182	9,605	2,560,028,103	31,483,230,879	19,364,308,861	12,118,922,017	270,622,595				
100 & above	49	15,007	14,943	7,316,295,554	172,789,804,137	130,035,104,425	42,754,699,711	35,215,766,812				
Group total	1836	32,505	28,288	10,759,688,451	210,474,053,666	153,304,786,859	57,169,266,807	35,977,522,657				

Table 6: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size ofCeramic, Porcelain, Tile & Granite Product Industry (2018)(Establishments with 2 or more persons engaged)

	2018											
Year	No of establish- ments	Persons engaged	Employees	Salary & Wag- es	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)				
less than 10	1176	7,380	5,524	1,372,173,720	5,556,987,268	3,283,136,731	2,273,850,537	350,108,561				
10 to 99	673	14,221	13,058	3,324,877,583	46,825,222,488	31,895,114,294	14,930,108,194	1,172,747,155				
100 & above	53	16,283	16,207	8,810,113,162	168,361,286,570	125,900,709,797	42,460,576,773	10,689,517,103				
Group total	1902	37,884	34,788	13,507,164,465	220,743,496,326	161,078,960,822	59,664,535,504	12,212,372,819				

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

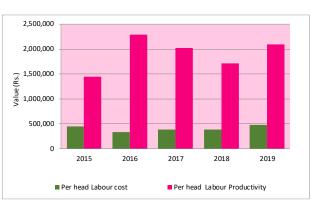
Table 7: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged Size ofCeramic, Porcelain, Tile & Granite Product Industry (2019)(Establishments with 5 or more persons engaged)

	2019											
Year	No of establish- ments	Persons engaged	Employ- ees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added	Gross addition to fixed assets (Rs.)				
less than 10	1494	8,589	5,758	1,957,896,456	6,626,341,853	3,961,836,025	2,664,505,828	4,824,306				
10 to 99	745	11,347	10,073	3,373,663,155	15,467,889,882	9,719,943,693	5,747,946,190	180,947,378				
100 & above	43	16,308	16,282	10,094,611,564	226,588,623,899	167,700,825,022	58,887,798,877	9,337,585,860				
Group total	2282	36,245	32,113	15,426,171,174	248,682,855,634	181,382,604,740	67,300,250,895	9,523,357,544				

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

Table 8: Manufacturing of Ceramic, Porcelain, Tile &Granite Product IndustryPer Head Labour Productivity

Year	Per head Labour cost	Per head La- bour Produc- tivity	Labour Cost to productivi- ty ratio
2015	445,981	1,443,935	3.24
2016	334,829	2,290,255	6.84
2017	380,362	2,020,972	5.31
2018	388,271	1,715,090	4.42
2019	480,372	2,095,732	4.36



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

Source : Department of Census and Statistics

Figure 3: Manufacturing of Ceramic, Porcelain, Tile & Granite Product Industry Per Head Labour Productivity

Table 9: Value of Output & Output Components Classified by Ceramic, Porcelain, Tile &Granite Product industry

- Establishments 25 or more engaged

Year	Output (Rs.)	Shipped (Rs.)/ prod- ucts moved of the establishment (Rs.)	Change in Stocks (Rs.)	Industrial services & other revenue (Rs.)	
2015	189,643,517,812	165,810,835,402	(342,192,211)	24,174,874,621	
2016	192,198,708,107	154,049,177,887	24,880,416,679	13,269,113,542	
2017	194,556,609,781	171,002,722,875	1,243,693,862	22,310,143,044	
2018	208,303,426,747	207,286,931,317	(1,767,910,948)	2,784,406,377	
2019	229,067,439,155	224,930,863,095	3,142,765,216	993,810,842	

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

Table 10: Value of Intermediate Consumptions & Intermediate Consumptions Components Classified by Ceramic, Porcelain, Tile & Granite Product Industry

(Establishments with 25 or more persons engaged)

Year	Intermediate con- sumption (Rs.)	Raw materials con- sumed (Rs.)	Cost of industrial services done by others & other pay- ments (Rs.)	Electricity & fuel consumed (Rs.)
2015	149,466,947,604	132,987,373,900	6,135,098,569	10,344,475,136
2016	144,571,382,537	120,531,751,624	9,322,127,102	14,717,503,811
2017	143,513,299,851	113,841,465,318	13,136,456,528	16,535,378,005
2018	154,160,479,739	125,444,352,035	13,193,319,172	15,522,808,532
2019	169,527,448,982	121,549,777,294	23,989,661,340	23,988,010,346

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

Table 11: Employment by Nature of Employment & Gender Classified by Industry Division of Ceramic,Porcelain, Tile & Granite Product

- Establishment with 25 or more persons engaged

Veen	Working Proprie- tors (No)		Unpaid family work- ers (No)		Operatives (No)		Other employees (No)		Total persons en- gaged	
Year	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
2015	64	16	533	46	12,195	4,360	2,972	324	15,763	4,745
2016	62	8	10	22	7,384	2,163	3,511	728	10,966	2,921
2017	65	6	56	22	11,658	2,273	4,854	854	16,632	3,155
2018	482	87	87	379				1,375		
2019	202	40	3	-	8,251				14,209	3,465

Table 12: Economic Indicators of Industrial Activity Classified by Industry Class(Establishments with less than 25 persons engaged)

Year	Output per persons en- gaged (Rs.)	Output per in- termediate con- sumptions	Output per as- sets	Value added per persons engaged (Rs.)	Value added per intermedi- ate consump-	Value added per assets
2015	740,807	2.287	1.238	416,901	1.287	0.697
2016	1,057,989	1.890	0.782	498,319	0.890	0.368
2017	1,251,583	1.626	0.803	481,682	0.626	0.309
2018	829,117			,		
2019	1,056,220	1.655	1.069	417,862	0.655	0.423

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

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

Table 13.1: Manufacture of Glass and Glass Products

Year	Output per persons en- gaged (Rs.)	Output per intermediate consumptions	Output per as- sets	Value added per persons engaged (Rs.)	Value added per intermedi- ate consump-	Value added per assets
2016	13,032,261	1.351	1.326	3,388,388	0.351	0.345
2017	13,688,926	1.294	1.223	11,192,220	0.294	0.278
2018	13,662,682	1.743	1.072	5,823,044	0.743	0.457
2019	15,466,314		1.166	3,822,250	0.328	0.288

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

Table 13.2: Manufacture of Non-metallic Mineral products

Year	Output per persons en- gaged (Rs.)	Output per intermediate consumptions	Output per assets	Value added per persons engaged (Rs.)	Value added per intermedi- ate consump- tions	Value added per assets
2016	13,891,947	1.328	2.717	3,432,380	0.328	0.671
2017	9,571,315	1.362	1.644	5,823,171	0.362	0.437
2018	8,944,990	1.335	1.924	2,245,683	0.335	0.483
2019	12,678,267	1.354	1.793			0.469

Table 14: Categories of Employees by Nature of Employment Classified by Ceramic, Porcelain, Tile & GraniteProduct industry

Year	Employees (No)	Skilled (No)	Unskilled (No)
2015	19,851	15,417	1,138
2016	13,785	7,458	2,089
2017	19,638	10,477	3,454
2018	21,845	12,342	2,488
2019	17,430	9,384	1,301

(Establishments with 25 or more persons engaged)

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

 Table 15: Number of Ceramic, Porcelain, Tile & Granite Product Manufacturing Industries and Engaged

 Persons in Sri Lanka

(2013/14 Economic Census)

Table 15.1: Manufacture of Glass and Glass Products

	М	icro	Sma	all	Med	dium	Lar	ge
Industry	No. of Es- tab.	No. of PE	No. of Estab.	No. of PE	No. of Estab.	No. of PE	No. of Estab.	No. of PE
Manufacture of flat glass (wired, col- oured, tinted flat glass etc.)	7	12	-	-	1	41	-	-
Manufacture of glass mirrors	4	8	2	13	2	68	-	-
Manufacture of bottles and other contain- ers of glass	8	12	-	-	1	35	1	418
Manufacture of drinking glasses	1	2	-	-	-	-	-	-
Manufacture of glass articles for domestic use	7	12	-	-	-	-	-	-
Manufacture of laboratory, hy- gienic, pharma- ceutical, glass fibre, optical glass etc.	16	25	-	-	1	38	-	-
Manufacture of other glass products n.e.c.	117	181	5	53	2	65	-	-
Total	160	252	7	66	7	247	1	418

Table 15.2: Manufacture of Refractory Products

	М	icro	Sn	nall	Medium		Lar	ge
Industry	No. of Es- tab.	No. of PE						
Manufacture of refractory mor- tars, concretes etc.	2	4	1	10	-	-	-	-
Manufacture of refractory ce- ramic goods, such as heat insulating ceram- ic goods, pipes, blocks, contain- ers, tiles	35	87	5	26	-	-	-	-
Manufacture of other refractory articles n.e.c.	2	2	-	-	1	37	-	-
Total	39	93	6	36	1	37	-	-

Source: Department of Census and Statistics

Table 15.3: Manufacture of Clay Building Materials

	Mic	ro	Sn	nall	Me	dium	La	rge
Industry	No. of Es-	No. of PE						
Manufacture of non refractory roofing tiles	63	191	316	2,794	4	261	-	-
Manufacture of non refractory bricks	13,517	24,771	435	2,817	3	284	-	-
Manufacture of ceramic/ porcelain floor tiles, wall tiles	46	80	10	103	2	68	5	2,303
Manufacture of ceramic sanitary fixtures	3	7	1	6	1	100	-	-
Manufacture of other products of clay building materials n.e.c.	69	139	5	45	-	-	-	-
Total	13,698	25,188	767	5,765	10	713	5	2,303

	М	icro	Sn	nall	Med	dium	Lai	rge
Industry	No. of Es- tab.	No. of PE						
Manufacture of clay pots, vases and other arti- cles of clay	4,329	7,400	59	395	3	120	-	-
Manufacture of ceramic table- ware (Jugs, Mugs, Cups, Bowls, plates etc), toilet arti- cles, statuettes and other o	57	104	3	33	3	108	-	-
Manufacture of porcelain table- ware (Jugs, Mugs, Cups, Bowls, plates etc), toilet arti- cles, statuettes and other	13	16	3	24	2	276	2	1,762
Manufacture of electrical insula- tors and insu- lating fittings	5	8	2	18	1	58	1	250
Manufacture of other porcelain and ceramic products n.e.c.	9	16	3	23	-	-	1	250
Total	4,413	7,544	70	493	9	562	4	2,262

Table 15.4: Manufacture of Other Porcelain and Ceramic Products

Source: Department of Census and Statistics

Table 15.5: Cutting, Shaping and Finishing of Stones

	Micro		Small		Medium		Large	
Industry	No. of Es- tab.	No. of PE						
Cutting, shaping and finishing of stones for use on roads, Con- structions as roofings, in Cemeteries etc.	55	130	35	327	11	565	-	_
Cutting ,shaping and finishing of monumental stones	103	179	15	125	2	212	-	-
Manufacture of stone furniture	60	75	1	12	-	-	-	-
Total	218	384	51	464	13	777	-	-

Table 15.6: Manufacture of Articles of Concrete, Cement and Plaster

Industry	Micro		Small		Medium		Large	
	No. of Es-	No. of PE						
Manufacture of cement bricks, tiles, sheets, pan- els, door and window frames, posts, etc.	7,649	12,784	333	2,596	30	1,745	3	939
Manufacture of plaster articles	89	148	7	54	-	-	-	-
Manufacture of asbestos sheets (corrugated and other)	4	8	3	58	6	474	2	900
Manufacture of powdered mortar	2	6	2	30	-	-	-	-
Manufacture of cement statuary, furniture, vases and flower pots	2,265	3,420	62	452	2	58	-	-
Manufacture of ready mix and dry mix concrete and mortars	37	79	23	237	8	400	-	-
Manufacture of other cement based products n.e.c.	335	621	50	427	8	403	-	-
Total	10,381	17,066	480	3,854	54	3,080	5	1,839

Source: Department of Census and Statistics

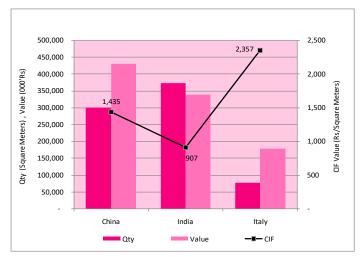
Table 15.7: Manufacture of Non -metallic Mineral Products n.e.c

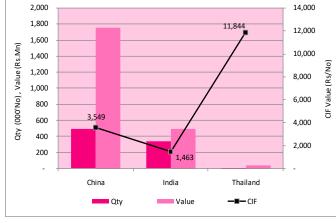
Industry	Micro		Small		Medium		Large	
	No. of Es- tab.	No. of PE						
Manufacture of millstones, abra- sive products, other non- metallic mineral products	27	40	8	85	3	97	-	-
Metal Crushing	517	1,332	228	1,765	18	915	1	226
Total	544	1,372	236	1,850	21	1,012	1	226

Table 16: Ceramic, Porcelain, Tile & Granite Products Imports (2019-2021)

	Unit	2019		20)20	2021	
Description							
		Quantity	Value	Quantity	Value	Quantity	Value
	('000) Square						
Tiles (Floors & Walls) Sector	Meters	15,923	10,533	5,542	3,837	809	1,085
Sanitary Ware Sector	('000) No	757	1,684	185	519	874	2,439
Table Ware Sector	MT	3,401	503	1,731	299	2,591	364
Ornamental Ware Sector	MT	298	173	186	135	161	255
Marble & Granite Sector	MT	14,805	1,003	6,911	1,344	8,638	662
	IVII	14,000	1,000	0,511	1,344	0,000	002
Roofing Tiles Sector	MT	239	11	1	0.27	2	0.33
Glass & Glass ware	MT	33,244	6,648	28,931	5,830	27,561	7,201
	('000) Square						
Glass & Glass ware	Meters	8,743	4,094	8,057	3,343	7,165	5,249
Total	MT	51,989	8,340	37,761	7,610	38,955	8,484
Total	('000) No	757	1,684	185	519	874	2,439
	('000) Square		2,004			5/4	, 735
Total	Meters	24,666	14,627	13,600	7,181	7,974	6,335

Source: Sri Lanka Customs



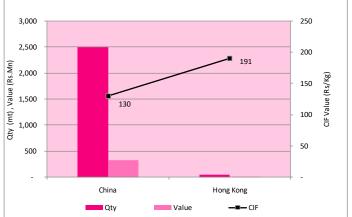


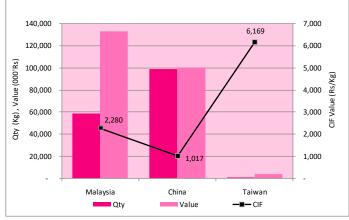
Source : Sri Lanka Customs

Figure 4: Major Imports Countries of Unglazed ceramic flags and paving, hearth or wall tiles; unglazed ceramic mosaic cubes and the like, whether or not on a backing - 2021

Source : Sri Lanka Customs

Figure 5: Major Imports Countries of Ceramic sinks, wash basins, wash basin pedestals, baths, bidets, water closet pans, flushing cisterns, urinals and similar sanitary fixtures - 2021





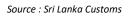


Figure 6: Major Imports Countries of Table Ware Sector - 2021

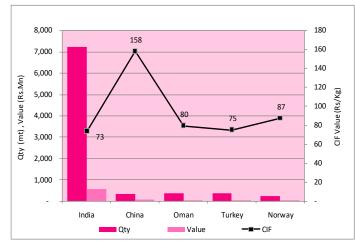
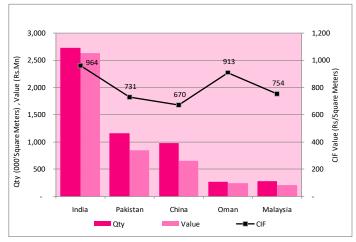


Figure 7: Major Imports Countries of Ornamental Ware Sector -



Source : Sri Lanka Customs

Figure 8: Major Imports Countries of Marble & Granite Sector - 2021

Source : Sri Lanka Customs

Source : Sri Lanka Customs

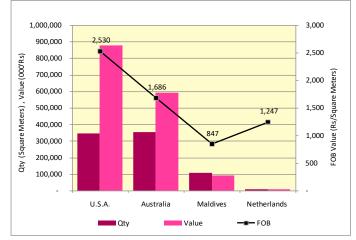
2021

Figure 9: Major Imports Countries of Glass & Glass ware - 2021

Table 17: Ceramic, Porcelain, Tile & Granite Products Exports (2019-2021)

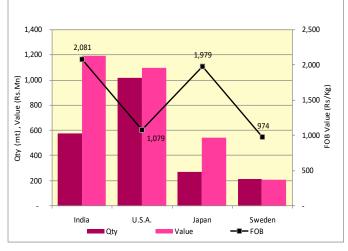
	Unit	2019		2020		2021	
Description		Quantity	Value (Rs. Mn)	Quantity	Value (Rs. Mn)	Quantity	Value (Rs. Mn)
Tiles (Floors & Walls) Sector	('000) Square Meters	616	851	553	914	819	1,582
Sanitary Ware Sector	('000) No	11	63	32	130	42	195
Table Ware Sector	MT	3,138	3,613	2,438	2,681	3,690	4,717
Ornamental Ware Sector	MT	496	730	387	614	448	784
Marble & Granite Sector	MT	18,211	599	10,688	373	11,196	438
Roofing Tiles Sector	MT	1,504	87	1,006	68	1,908	158
Glass & Glass ware	MT	40,412	3,345	33,398	2,881	37,495	4,199
Glass & Glass ware	('000) Square Meters	95	49	30	19	56	24
Total	МТ	63,761	8,374	47,917	6,618	54,737	10,297
Total	('000) No	11	63	32	130	42	195
Total	('000) Square Meters	711	900	583	934	875	1,606

Source: Sri Lanka Customs



Source : Sri Lanka Customs

Figure 10: Major Exports Countries of Unglazed ceramic flags and paving, hearth or wall tiles; unglazed ceramic mosaic cubes and the like, whether or not on a backing - 2021



Source : Sri Lanka Customs

Figure 12: Major Exports Countries of Table Ware Sector - 2021

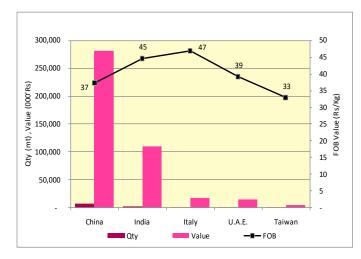
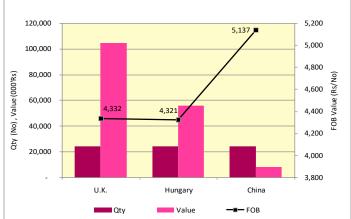


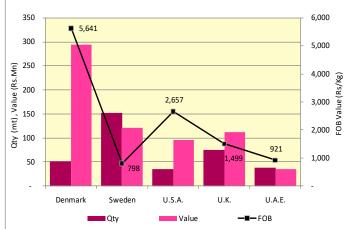


Figure 14: Major Exports Countries of Marble & Granite Sector - 2021



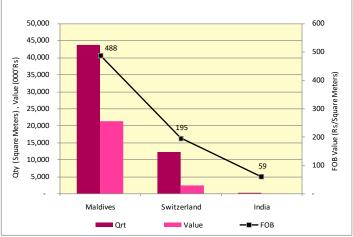
Source : Sri Lanka Customs

Figure 11: Major Exports Countries of Ceramic sinks, wash basins, wash basin pedestals, baths, bidets, water closet pans, flushing cisterns, urinals and similar sanitary fixtures - 2021



Source : Sri Lanka Customs





Source : Sri Lanka Customs

Figure 15: Major Exports Countries of Glass & Glass ware - 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