

### AYURVEDIC AND PHARMACEUTICAL SECTOR



**MINISTRY OF INDUSTRIES** 

# PHARMACEUTICAL 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-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.

Ms. J.M. Thilaka Jayasundara Secretary Ministry of Industries

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### Abbreviations

CIF	cost, insurance, and freight
08	Free on Board
Kg	Kilogram
GDP	Gross Domestic Products
Νο	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**

Sri Lanka's pharmaceutical market is expected to reach a value of USD750 million by 2025, with a five-year compound annual growth rate (CAGR) of 4.1%. Pharmaceutical sector is identified as one of the potential industries to attract Foreign Direct Investment largely.

The sector comprises of companies that manufacture biological, medicinal and pharmaceutical products in various forms, including ampoules, tablets, capsules, vials, ointments, powders, solutions and suspensions. Industry products are predominantly distributed via wholesalers, and are then sold via pharmacies or distributed in hospitals.

Around 85% of the demand for finished pharmaceutical products (FPPs) in Sri Lanka is met by imports. In 2021, medical & pharmaceutical products imports reached a value of USD 763 million which accounts for 3.79% of total imports in 2021. This is a 319% increase compared to medical and pharmaceutical products imports amounted to USD 182 million in 2020. India is by far the largest FPP importing partner of Sri Lanka accounting for nearly 50% of imports, followed by Pakistan and France which accounts for 10% each.

All drugs imported for the state sector are procured through the State Pharmaceutical Corporation (SPC). The government's Medical Supplies Division (MSD) and the regional MSDs distribute drugs via state hospitals while the SPC retail outlets.

Currently, 20 pharmaceutical manufacturers have been approved by the National Medical Regulatory Authority (NMRA). State Pharmaceuticals Manufacturing Corporation (SPMC) is the only public manufacturer. Domestic production mainly entails the manufacture of generic drugs.

Currently, there are 150 locally manufactured brands listed in the NMRA. Most of these brands have different forms capsules, tablets, syrups etc. which, make up 300 types and dosages of drugs that are manufactured in Sri Lanka.

Production capacity of the local manufacturers is approximately 8.5 billion units of medicines per year and some of these manufacturers are planning for capacity expansions with the intent of exporting or signing up for contract manufacturing.

Total export earnings from the pharmaceutical sector amounts to USD 7.5 million by the end of 2021. The Sector Contributed 0.06% to total exports in year 2021. Major buyers of the Sri Lankan Pharmaceuticals are USA, Malaysia, Egypt, UAE, Venezuela and Pakistan.

Looking ahead, the sector comprises of potential activities for investments such as formulation of antibiotics, manufacture of antibiotics, formulation of other products (chemical/ plant extracts), manufacture of other products (chemical/ plant extracts), manufacture of three types of main Radiopharmaceuticals commonly used in cancer treatment (I-131, TC-99, F-18), manufacture of Cosmetic products, manufacture of Ayurvedic drugs and manufacture or Assembling of medical devices. Table 1: Manufacture of Pharmaceutical Products Sector Contribution to the GDP at Current and ConstantMarket Price (2015 - 2021)

	Curre	ent	Constant		
Year	Contribution Value(Rs. Mn)	Share of total Current GDP	Contribution Value (Rs. Mn)	Share of total Constant GDP	
2015	5,010	0.046	3,326	0.038	
2016	5,671	0.047	3,751	0.042	
2017	6,536	0.049	4,236	0.045	
2018	7,889	0.055	4,326	0.045	
2019	7,080	0.047	3,827	0.039	
2020	7,774	0.052	4,213	0.044	
2021	9,205	0.055	4,334	0.044	

Source : Department of Census and Statistics



Source : Department of Census and Statistics

### Figure 1: The Contribution of the Pharmaceutical Products Industry Sector to the Share of the Manufacturing Industry to the GDP

 Table 2: Manufacturing Establishments and Number of Persons Engaged of Pharmaceutical Industry

 (2015-2019)

		ents less than ns engaged	Establishments 25 or more persons engaged		
Year	No of Estab- lishments gaged		No of Estab- lishments	Persons en- gaged	
2015	69	764	21	2,021	
2016	50	736	34	3,275	
2017	74	842	25	3,146	
2018	63	776	20	2,982	
2019	68	637	18	2,825	

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

 Table 3: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged, Size Class of

 Pharmaceutical Products (2015) - Establishments with 5 or more persons engaged

	2015										
Year	No of Establish- ments	Persons engaged	Employ- ees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)			
less than 10	28	196	176	42,288,712	173,624,902	88,697,163	84,927,738	5,113,111			
10 to 99	59	1,595	1,544	433,995,128	3,301,326,746	2,124,963,513	1,176,363,233				
100 & above	3	993			6,357,893,996		4,417,575,965				
Group total	90	2,784	2,699	956,532,588	9,832,845,644	4,153,978,707	5,678,866,936	334,883,397			

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

# Table 4: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged, Size Class ofPharmaceutical Products (2016) - Establishments with 5 or more persons engaged

	2016									
Year	No of Establish- ments	Persons engaged	Employ- ees	Salary & Wages	Output (Rs.)	Intermediate consumptions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)		
less than 10	9	73	63	17,262,000	78,437,350	37,919,684	40,517,666	-		
10 to 99	71	2,676	2,546	466,678,565	4,042,684,190	1,928,999,568	2,113,684,621	247,918,246		
100 & above	4	1,262	1,250	675,348,972	6,711,491,223	2,666,798,275	4,044,692,949	433,397,579		
Group total	84	4,011	3,859	1,159,289,537	10,832,612,763	4,633,717,527	6,198,895,236	681,315,825		

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

# Table 5: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged, Size Class ofPharmaceutical Products (2017) - Establishments with 5 or more persons engaged

	2017									
Year	No of Establish- ments	Persons engaged	Employ- ees	Salary & Wages	Output (Rs.)	Intermediate consump- tions (Rs.)	Value added (Rs.)	Gross addition to fixed assets (Rs.)		
less than 10	35	220	153	34,019,409	136,572,045	71,836,961	64,735,085	-		
10 to 99	55	1,553	1,486	298,546,377	2,172,436,882	841,318,508	1,331,118,374	12,754,013		
100 & above	9	2,215	2,203	1,009,067,764	9,588,379,742	4,018,380,477	5,569,999,266	687,960,487		
Group total	99	3,988	3,842	1,341,633,550	11,897,388,669	4,931,535,946	6,965,852,725	700,714,500		

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

# Table 6: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged, Size Class ofPharmaceutical Products (2018) - Establishments with 5 or more persons engaged

	2018									
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	23	153	96	26,713,742	109,582,634	57,237,086	52,345,548	-		
10 to 99	49	1,110	1,034	254,279,013	1,044,858,956	455,431,752	589,427,204	12,175,152		
100 & above	11	2,495	2,478	1,232,277,365	11,080,050,553	4,851,949,305	6,228,101,247	4,576,181,244		
Group total	83	3,758	3,608	1,513,270,120	12,234,492,143	5,364,618,143	6,869,873,999	4,588,356,396		

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

# Table 7: Principal Indicators of Industrial Activity Classified by Industry Division & Persons Engaged, Size Class of Pharmaceutical Products (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 (Rs.)	Gross addi- tion to fixed assets (Rs.)		
less than 10	44	266	156	36,001,867	120,117,831	47,739,427	72,378,404	14,829		
10 to 99	36	977	926	223,233,197	677,293,933	290,299,540	386,994,393	3,250,253		
100 & above	6	2,219	2,207	1,224,741,560	12,836,724,024	5,718,337,441	7,118,386,586	760,306,953		
Group total	86	3,462	3,289	1,483,976,624	13,634,135,788	6,056,376,408	7,577,759,383	763,572,035		

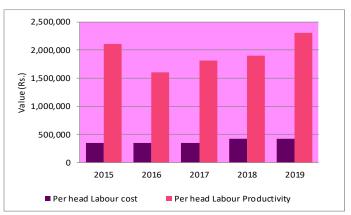
Source : Department of Census and Statistics, Annual Survey of Industries

Table 8: Manufacturing of PharmaceuticalProducts Per Head Labour Productivity

#### Per head La-Labour Cost Per head Labour Produc- to productivi-Year bour cost tivity ty ratio 2015 354,403 2,104,063 5.94 2016 1,606,348 349,202 4.60 2017 349,202 1,813,080 5.19 2018 419,421 1,904,067 4.54 2019 419,421 2,303,971 5.49

 2019
 419,421
 2,303,971
 5.49

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



Source : Department of Census and Statistics

#### Figure 2: Manufacturing of Pharmaceutical Products Per Head Labour Productivity

# Table 9: Value of Output & Output Components Classified by Basic Pharmaceutical Products industryEstablishments 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	7,491,056,195	7,393,435,016	84,578,858	13,042,321
2016	10,482,138,881	9,774,314,753	417,489,834	290,334,294
2017	11,229,193,326	10,807,833,678	407,919,168	13,440,480
2018	11,275,638,945	13,021,320,171	30,983,744	(1,776,664,970)
2019	13,139,873,754	14,207,112,727	82,820,949	(1,150,059,921)

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

# Table 10: Value of Intermediate Consumptions & Intermediate Consumptions Components Classified by Basic Pharmaceutical Products Industry

Year	Intermediate con- sumption (Rs)			Electricity & fuel consumed (Rs)	
2015	2,415,724,833	1,764,653,641	580,474,848	70,596,344	
2016	4,469,649,587	3,581,137,376	729,165,628	159,346,583	
2017	4,551,757,304	3,777,136,017	593,270,529	181,350,758	
2018	4,957,095,662	4,110,118,895	674,414,579	172,562,188	
2019	5,854,392,396	4,778,478,435	925,604,173	150,309,788	

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

# Table 11: Employment by Nature of Employment & Gender Classified by Industry Division of Basic PharmaceuticalProducts - Establishment with 25 or more persons engaged

	Working	Proprie-	Unpaid	l family							
Year	tors (No)		workers (No)		<b>Operatives</b> (No)		Other employees (No)		Total persons enged		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
2015	36	11	-	-	563	652	546	213	1,145	876	
2016	21	4	3	-	674	1,120	1,019	435	1,717	1,559	
2017	23	2	3	-	858	947	871	443	1,754	1,392	
2018	38	4	5	-	876	594	912	545	1,839	1,143	
2019	29	3	-	-	891	685	810	406	1,730	1,095	

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

 Table 12: Economic Indicators of Industrial Activity Classified by Class Industry of Basic Pharmaceutical Products

 (Establishments with 25 or more persons engaged)

	Output pe engage	-	mediat	oer inter- te con- tions	Output p	er assets	persons	dded per s engaged Rs.)	Value added per intermediate consumptions		Value added per assets	
Year	Less than 25 per- sons	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 per- sons	Less than 25 persons	26 or more per- sons	Less than 25 per- sons	25 or more per- sons
2015	3,065,189	3,707,113	1.347	3.101	2.514	3.757	789,973	2,511,638	0.347	2.101		
2016	476,187	3,200,653	2.136	2.345	1.185	3.099	253,269	1,835,875	1.136	1.345	0.631	1.778
2017	793,535	3,569,356	1.759	2.467	1.123	2.210	342,518	1,614,755	0.759	1.467	0.485	1.314
2018	1,235,636	3,781,234	2.353	2.275	1.384	1.216	710,478	2,118,894	1.353	1.275	0.796	0.681
2019	776,007	4,651,398	2.447	2.244	0.881	2.576	458,886	2,578,995	1.447	1.244	0.521	1.428

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

## Table 13: Categories of Employees by Nature of Employment Classified by Industry of Basic Pharmaceutical Products

#### (Establishments with 25 or more persons engaged)

Year	Employees (No)	Skilled (No)	Unskilled (No)
2015	1,974	816	399
2016	3,247	1,428	366
2017	3,118	1,185	620
2018	2,935	943	527
2019	2,792	993	583

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

#### Table 14: Number of Pharmaceutical Products Manufacturing Industries and Engaged Persons in Sri Lanka

#### (2013/14 Economic Census)

	Micro		Small		Medium		Large	
Industry	No. of							
	Estab.	PE	Estab.	PE	Estab.	PE	Estab.	PE
Manufacture of medicament (western)	8	16	4	39	4	169	3	986
Manufacture of indigenous/ ayurvedic medica-								
ments, botanical products	273	439	41	381	17	980	2	1198
Manufacture of medical impregnated wadding,								
bandages, dressing etc.	5	12	1	7	_		-	-
Manufacture of other pharmaceuticals, medicinal,								
chemical and botanical products n.e.c.	11	17	9	83	-	-	1	700
Total	297	484	55	510	21	1149	6	2884

Source: Department of Census and Statistics

#### Table 15: Pharmaceutical Products Imports (2019-2021)

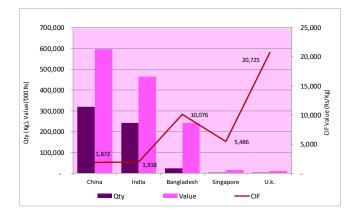
Description	2019		2	020	2021		
Description	QTY (MT)	Value (Rs. Mn)	QTY (MT)	Value (Rs. Mn)	QTY (MT)	Value (Rs. Mn)	
Glands and other organs for organ ther- apeutic uses, dried, whether or not powdered; extracts of glands or other organs or of their secretions for organo -therapeutic uses; heparin and its salts; other human or animal substances pre- pared for therapeutic or prophylactic uses, not elsewhere specified or includ- ed.	0.06	0.575,767	0.079	0.67	0.065	0.59	
Human blood; animal blood prepared for therapeutic, prophylactic or diag- nostic uses; antisera, other blood frac- tions and immunological products, whether or not modified or obtained by means of biotechnological process- es; vaccines, toxins, cultures of micro- organisms (excluding yeasts ) and simi-	227	7,470	288	10,540	606	68,075	
Medicaments (excluding goods of heading 30.02, 30.05 or 30.06) con- sisting of two or more constituents which have been mixed together for therapeutic or prophylactic uses, not put up in measured doses or in forms							
or packing's for retail sale.	196	352	286	570	605	1,358	
Medicaments (excluding goods of heading 30.02, 30.05 or 30.06) con- sisting of mixed or unmixed products for therapeutic or prophylactic uses, put up in measured doses	19,810	69,392	907	932	15,297	78,037	
Wadding, gauze, bandages and similar articles	514	899		19,214		850	
Pharmaceutical goods specified in Note 4 to this chapter	244	2,315		2,502	248		
Grand Total	20,994	80,430	47,051	33,762	17,212	151,146	

Source: Sri Lanka Customs



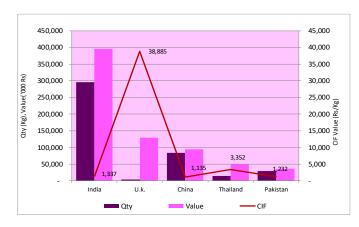
Source : Sri Lanka Customs

Figure 3: Major Import Countries of Pharmaceutical Product (Glands and other organs for organ therapeutic uses, dried, whether or not powdered)-2021



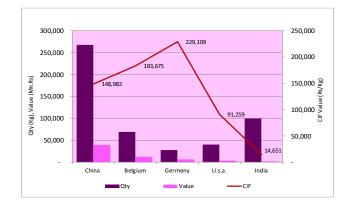
Source : Sri Lanka Customs

Figure 5: Major Import Countries of Medicaments (excluding goods of heading 30.02, 30.05 or 30.06) consisting of two or more constituents which have been mixed together for therapeutic or prophylactic uses-2021



Source : Sri Lanka Customs

Figure 7: Major Import Countries of Wadding, gauze, bandages and similar articales-2021



Source : Sri Lanka Customs

Figure 4: Major Import Countries of Pharmaceutical Product (Human blood; animal blood prepared for therapeutic, prophylactic or diagnostic uses)-2021

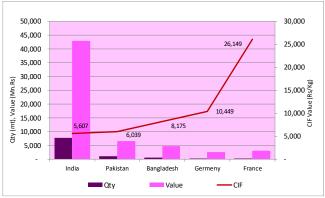
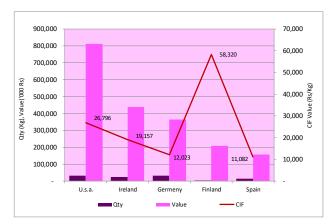




Figure 6: Major Import Countries of Medicaments (excluding goods of heading 30.02, 30.05 or 30.06) consisting of mixed or unmixed products for therapeutic or prophylactic uses-2021



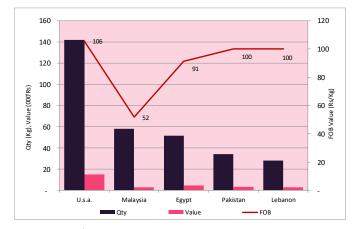
Source : Sri Lanka Customs

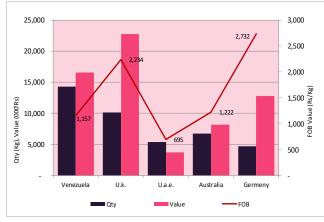
Figure 8: Major Import Countries of Pharmaceutical goods specified in Note 4 to this chapter-2021

#### Table 16: Pharmaceutical Product Exports (2019-2021)

	20	19	202	0	2021		
Description	QTY (MT)	Value (Rs. Mn)	QTY (MT)	Value (Rs. Mn)	QTY (MT)	Value (Rs. Mn)	
Glands and other organs for organ therapeutic							
uses, dried, whether or not powdered; extracts of							
glands or other organs or of their secretions for							
oregano-therapeutic uses; heparin and its salts;							
other human or animal substances prepared for							
therapeutic or prophylactic uses, not elsewhere							
specified or included.	0.92	0.11	0.19	0.14	0.38	0.34	
Human blood; animal blood prepared for thera-							
peutic, prophylactic or diagnostic uses; antisera,							
other blood fractions and immunological prod-							
ucts, whether or not modified or obtained by							
means of biotechnological processes; vaccines,							
toxins, cultures of micro-organisms (excluding							
yeasts ) and similar products.	125	741	39	253	46	310	
Medicaments (excluding goods of heading 30.02,							
30.05 or 30.06) consisting of two or more constit-							
uents which have been mixed together for thera-							
peutic or prophylactic uses, not put up in meas-							
ured doses or in forms or packing's for retail sale.	78	121	48	64	53	89	
Medicaments (excluding goods of heading 30.02,							
30.05 or 30.06) consisting of mixed or unmixed							
products for therapeutic or prophylactic uses,							
put up in measured doses (including those in the							
form of transdermal administration systems) or in							
forms or packing for retail sale.	586	1,456	232	630	307	876	
	~ ~ ~	,					
Wadding, gauze, bandages and similar articales	191	443	91	213	81	207	
Pharmaceutical goods specified in Note 4 to this	191	-+5		215		207	
chapter	0.99	6	0.63	5	0.22	3	
·							
Grand Total	982	2,769	413,096	1,167	489	1,487	

Source: Sri Lanka Customs





Source : Sri Lanka Customs

Figure 9: Major Export Countries of Pharmaceutical Product (Glands and other organs for organ therapeutic uses, dried, whether or not powdered)-2021



Source : Sri Lanka Customs

Figure 11: Major Export Countries of Medicaments (excluding goods of heading 30.02, 30.05 or 30.06) consisting of two or more constituents which have been mixed together for therapeutic or prophylactic uses-2021

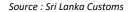
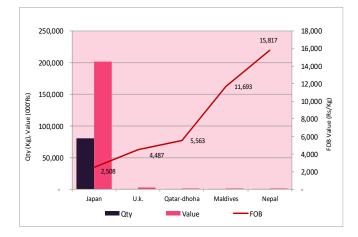
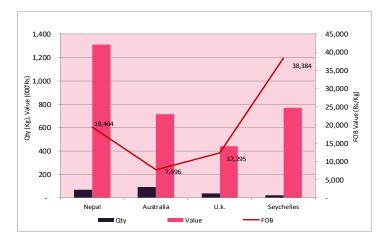


Figure 10: Major Export Countries of Medicaments (excluding goods of heading 30.02, 30.05 or 30.06) consisting of two or more constituents which have been mixed together for therapeutic or prophylactic uses-2021



Source : Sri Lanka Customs

Figure 12: Major Export Countries of Wadding, gauze, bandages and similar articales-2021



Source : Sri Lanka Customs

Figure 13: Major Export Countries of Pharmaceutical goods specified in Note 4 to this chapter-2021

#### References

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