

Bangladesh

South and Central Asia

Basic Economic Indicators

Economic Aggregates (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price	43,871	75,987	109,305	146,122	209,439	286,535	314,611
Gross output	73,355	130,220	188,091	259,032	369,771	520,273	573,979
Total intermediate inputs	28,840	52,654	76,647	109,875	155,860	227,428	252,824
Taxes less subsidies on products	645	1,578	2,139	3,035	4,472	6,310	6,544
International transport margins	0	0	0	0	0	0	0
CIF/FOB adjustment	0	0	0	0	0	0	0
Direct purchases abroad by residents	0	0	0	0	0	0	0
Purchases by nonresidents on the domestic territory	0	0	0	0	0	0	0
Household final consumption expenditure	31,712	50,719	73,415	95,499	131,239	189,155	208,105
Final consumption expenditure by NPISHs	0	0	0	0	0	0	0
Government final consumption expenditure	2,076	4,163	5,607	7,644	12,619	18,392	20,069
Gross fixed capital formation	8,770	17,237	24,811	34,228	54,098	81,235	90,699
Changes in inventories	0	0	0	0	0	0	0
Total final demand	42,558	72,120	103,833	137,372	197,956	288,782	318,873
Exports	5,436	13,623	18,349	29,992	36,682	46,131	44,090
Imports	7,851	18,374	25,030	41,076	46,937	64,533	63,863

Economic Aggregates, Top 3 Sectors (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price							
Agriculture	11,195	14,214	19,468	23,783	30,945	38,174	41,013
Retail trade	2,500	7,319	11,425	14,735	20,267	28,431	31,624
Construction	3,379	4,866	7,103	10,554	16,065	23,256	26,446
Gross output							
Construction	9,185	13,997	20,433	30,360	46,210	68,459	78,025
Textiles	9,487	17,582	24,997	43,040	53,527	72,313	71,944
Agriculture	15,089	19,397	27,042	33,514	43,514	54,702	58,885
Total intermediate inputs							
Construction	5,681	9,027	13,186	19,580	29,793	44,710	51,056
Textiles	6,773	12,798	18,193	31,132	38,523	50,212	50,026
Food and beverages	2,036	4,199	5,843	8,915	13,724	19,519	22,983
Total final demand							
Construction	6,500	10,777	16,189	23,399	34,525	51,825	57,738
Retail trade	2,630	7,495	11,556	14,549	19,889	29,807	33,245
Agriculture	10,378	11,687	15,821	18,782	23,745	31,759	32,722
Exports							
Textiles	4,609	9,745	14,138	23,605	30,266	36,763	33,257
Business activities, NEC	1	192	362	430	599	2,583	3,279
Construction	6	35	8	44	127	1,124	1,351
Imports							
Metals	754	2,877	2,717	3,854	4,906	9,262	9,653
Transport equipment	1,147	1,735	3,268	6,895	7,568	8,361	8,262
Textiles	671	1,223	1,910	3,952	5,553	8,646	8,196

Domestic Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
First-round effect							
Refined fuels	0.64	0.68	0.69	0.67	0.63	0.67	0.68
Food and beverages	0.65	0.65	0.66	0.64	0.66	0.63	0.66
Hotels and restaurants	0.60	0.61	0.65	0.61	0.63	0.61	0.62
Industrial support effect							
Metals	0.40	0.37	0.43	0.36	0.44	0.36	0.41
Textiles	0.47	0.39	0.45	0.45	0.44	0.36	0.39
Leather	0.33	0.29	0.32	0.29	0.29	0.35	0.38
Production-induced effect							
Refined fuels	0.92	0.97	0.99	0.93	0.91	0.98	1.02
Metals	1.03	1.00	1.08	0.97	1.11	0.91	0.99
Leather	0.90	0.86	0.89	0.83	0.84	0.95	0.98

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Simple value-added multiplier							
Real estate	0.99	0.99	0.99	0.99	0.99	0.98	0.98
Retail trade	0.98	0.98	0.99	0.98	0.98	0.98	0.98
Sale of motor vehicles	0.99	0.97	0.97	0.97	0.98	0.97	0.97
Type I value-added multiplier							
Refined fuels	3.17	4.00	4.10	3.99	3.88	4.18	4.27
Air transport	2.87	3.76	3.83	3.67	3.93	3.74	3.88
Food and beverages	3.28	3.39	3.38	3.32	3.32	3.34	3.57
Direct backward linkage							
Refined fuels	0.64	0.68	0.69	0.67	0.63	0.67	0.68
Food and beverages	0.65	0.65	0.66	0.64	0.66	0.63	0.66
Hotels and restaurants	0.60	0.61	0.65	0.61	0.63	0.61	0.62
Complete hypothetical extraction (backward)							
Refined fuels	1.92	1.96	1.99	1.93	1.91	1.98	2.02
Air transport	1.84	1.82	1.85	1.81	1.90	1.89	1.94
Hotels and restaurants	1.86	1.86	1.93	1.85	1.91	1.89	1.92
Partial hypothetical extraction (backward)							
Refined fuels	0.92	0.97	0.99	0.93	0.91	0.98	1.02
Air transport	0.87	0.86	0.88	0.83	0.92	0.90	0.95
Hotels and restaurants	0.87	0.87	0.94	0.86	0.92	0.90	0.93
Total backward linkage							
Refined fuels	1.92	1.97	1.99	1.93	1.91	1.98	2.02
Metals	2.03	2.00	2.08	1.97	2.11	1.91	1.99
Leather	1.90	1.86	1.89	1.83	1.84	1.95	1.98
Direct forward linkage							
Mining	0.93	0.96	0.92	0.97	0.99	0.99	0.99
Minerals, NEC	0.85	0.86	0.83	0.85	0.93	0.94	0.94
Paper	0.84	0.82	0.85	0.86	0.91	0.93	0.93
Complete hypothetical extraction (forward)							
Mining	2.57	2.61	2.51	2.55	2.68	2.69	2.74
Paper	2.37	2.27	2.34	2.41	2.53	2.58	2.60
Transport activities, NEC	2.40	2.37	2.29	2.31	2.43	2.25	2.41
Partial hypothetical extraction (forward)							
Mining	1.58	1.63	1.52	1.56	1.69	1.71	1.76
Paper	1.43	1.33	1.41	1.46	1.58	1.62	1.64
Finance	1.34	1.42	1.38	1.32	1.37	1.40	1.43
Total forward linkage							
Mining	2.60	2.65	2.54	2.58	2.71	2.73	2.78
Paper	2.52	2.42	2.52	2.54	2.66	2.68	2.70
Finance	2.37	2.45	2.43	2.37	2.43	2.47	2.50
Normalized backward linkage							
Refined fuels	1.26	1.30	1.30	1.28	1.23	1.28	1.28
Metals	1.33	1.32	1.35	1.31	1.35	1.23	1.26
Leather	1.25	1.23	1.23	1.21	1.18	1.26	1.25
Normalized forward linkage							
Mining	1.52	1.60	1.50	1.54	1.56	1.59	1.58
Paper	1.48	1.46	1.49	1.52	1.53	1.56	1.54
Finance	1.39	1.48	1.44	1.41	1.40	1.43	1.42
Net backward linkage							
Air transport	1.41	1.33	1.38	1.33	1.38	1.57	1.60
Electricals	1.30	1.53	1.43	1.47	1.49	1.58	1.58
Food and beverages	1.51	1.49	1.50	1.49	1.49	1.53	1.57
Net forward linkage							
Mining	2.28	2.37	2.26	2.29	2.43	2.40	2.44
Finance	1.68	1.93	1.75	1.70	1.75	1.75	1.77
Wholesale trade	1.90	1.68	1.72	1.75	1.79	1.73	1.77

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Self-sufficiency ratio							
Textiles	1.71	1.94	1.96	1.84	1.86	1.64	1.53
Business activities, NEC	0.98	1.11	1.12	1.11	1.10	1.44	1.53
Leather	1.09	1.53	1.22	1.68	1.88	1.23	1.21
Import-to-input ratio							
Metals	0.14	0.17	0.16	0.19	0.14	0.26	0.24
Paper	0.12	0.14	0.14	0.16	0.15	0.24	0.21
Air transport	0.17	0.22	0.23	0.23	0.19	0.23	0.21
Export-to-output ratio							
Textiles	0.49	0.55	0.57	0.55	0.57	0.51	0.46
Air transport	0.02	0.00	0.04	0.00	0.00	0.35	0.41
Business activities, NEC	0.00	0.10	0.12	0.11	0.10	0.31	0.35
Domestic inputs share to output							
Refined fuels	0.64	0.68	0.69	0.67	0.63	0.67	0.68
Food and beverages	0.65	0.65	0.66	0.64	0.66	0.63	0.66
Hotels and restaurants	0.60	0.61	0.65	0.61	0.63	0.61	0.62
Foreign inputs share to output							
Metals	0.14	0.17	0.16	0.19	0.14	0.26	0.24
Paper	0.12	0.14	0.14	0.16	0.15	0.24	0.21
Air transport	0.17	0.22	0.23	0.23	0.19	0.23	0.21
Backward import multipliers							
Metals	0.21	0.25	0.25	0.27	0.21	0.37	0.35
Air transport	0.22	0.28	0.29	0.29	0.24	0.30	0.27
Paper	0.16	0.20	0.19	0.21	0.19	0.29	0.26
Forward import multipliers							
Air transport	0.03	0.02	0.06	0.04	0.03	0.23	0.25
Refined fuels	0.24	0.17	0.21	0.22	0.18	0.15	0.15
Transport activities, NEC	0.03	0.05	0.05	0.06	0.05	0.12	0.13
Intraregional transfer multiplier							
Refined fuels	1.92	1.97	1.99	1.93	1.91	1.98	2.02
Metals	2.03	2.00	2.08	1.97	2.11	1.91	1.99
Leather	1.90	1.86	1.89	1.83	1.84	1.95	1.98
Interregional spillover multiplier							
Metals	1.27	1.31	1.32	1.37	1.29	1.57	1.54
Paper	1.22	1.27	1.27	1.30	1.31	1.50	1.47
Air transport	1.31	1.37	1.45	1.41	1.38	1.45	1.42
Interregional feedback multiplier							
Metals	1.08	1.10	1.10	1.14	1.10	1.15	1.13
Air transport	1.08	1.15	1.14	1.17	1.12	1.13	1.12
Paper	1.06	1.08	1.08	1.09	1.08	1.12	1.10
Intraregional effect on gross output (\$ million)							
Construction	9,125.97	13,904.80	20,282.41	30,052.29	45,750.17	67,604.50	77,291.84
Textiles	8,313.72	15,381.13	19,397.40	33,254.17	39,519.67	70,773.63	70,281.12
Agriculture	14,882.18	18,631.92	25,788.88	31,830.14	41,572.30	54,008.95	58,137.57
Interregional effect on gross output (\$ million)							
Textiles	981.96	1,762.78	4,772.67	8,176.59	11,795.75	1,253.39	1,376.98
Business activities, NEC	15.23	177.08	80.81	158.34	193.61	1,143.74	950.81
Agriculture	174.94	637.74	1,072.85	1,414.70	1,636.40	592.69	655.93
Feedback effect on gross output (\$ million)							
Textiles	191.55	438.01	827.07	1,609.15	2,211.53	286.46	286.39
Business activities, NEC	3.41	46.21	16.13	43.55	42.14	260.37	209.63
Transport activities, NEC	1.20	5.11	6.12	12.33	12.79	86.62	104.79
Directly absorbed value-added exports (DAVAX) (\$ million)							
Textiles	3,601.07	7,490.54	10,373.81	16,389.64	21,170.68	27,037.74	25,059.53
Business activities, NEC	1.01	128.49	348.21	386.18	575.10	2,097.42	2,848.12
Construction	4.47	29.17	6.30	32.33	110.03	846.06	1,073.60
Reflection (REF) (\$ million)							
Transport activities, NEC	0.00	0.00	0.00	0.00	0.00	0.79	1.64
Business activities, NEC	0.00	0.08	0.01	0.29	0.04	1.50	1.47
Textiles	0.31	0.91	3.70	6.54	25.17	1.26	1.47

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Reexports (REX) (\$ million)							
Textiles	328.38	633.53	1,533.82	2,631.50	3,497.67	346.03	372.67
Business activities, NEC	0.41	56.80	0.91	24.83	3.80	366.53	290.55
Transport activities, NEC	0.30	0.00	0.06	0.00	0.00	105.21	132.55
Foreign value added (FVA) (\$ million)							
Textiles	678.59	1,619.04	2,224.60	4,567.32	5,539.95	9,375.33	7,821.01
Construction	0.65	6.00	1.18	7.38	16.20	201.77	225.25
Leather	8.82	42.82	45.06	125.26	118.88	150.42	141.46
Pure double-counting (PDC) (\$ million)							
Textiles	0.27	0.91	2.54	10.31	32.63	2.59	2.39
Leather	0.00	0.01	0.02	0.07	0.27	0.03	0.04
Construction	0.00	0.00	0.00	0.00	0.00	0.03	0.03
Trade-based GVC participation rate							
Refined fuels	0.31	0.36	0.50	0.37	0.28	0.70	0.64
Transport activities, NEC	0.40	0.22	0.07			0.60	0.59
Metals	0.29	0.44	0.31	0.31	0.25	0.59	0.55
Production-based GVC participation rate							
Air transport	0.03	0.02	0.06	0.04	0.03	0.23	0.25
Refined fuels	0.24	0.17	0.21	0.22	0.18	0.15	0.15
Transport activities, NEC	0.03	0.05	0.05	0.06	0.05	0.12	0.13
Trade-based backward GVC participation rate							
Metals	0.21	0.25	0.25	0.27	0.21	0.37	0.35
Air transport	0.22	0.28	0.29	0.29	0.24	0.30	0.27
Paper	0.16	0.20	0.19	0.21	0.19	0.29	0.26
Trade-based forward GVC participation rate							
Transport activities, NEC	0.35	0.16	0.01			0.52	0.53
Refined fuels	0.17	0.19	0.34	0.19	0.08	0.50	0.45
Water transport	0.37	0.22	0.26	0.28	0.40	0.41	0.31
Traditional revealed comparative advantage							
Textiles	18.78	20.59	24.15	23.90	24.93	26.01	22.06
Construction	0.23	0.74	0.10	0.27	0.55	4.24	5.62
Leather	1.91	3.60	3.32	4.55	4.05	3.30	3.35
New revealed comparative advantage							
Textiles	15.74	15.51	19.44	20.59	20.05	25.94	22.92
Leather	2.33	4.04	4.06	5.54	4.72	4.75	4.76
Construction	2.56	1.59	1.14	1.38	1.70	2.34	2.69
Backward production length							
Metals	2.57	2.64	2.75	2.74	2.72	2.97	3.00
Air transport	2.40	2.61	2.68	2.63	2.60	2.69	2.69
Textiles	2.46	2.44	2.52	2.59	2.56	2.62	2.61
Forward production length							
Mining	2.64	2.72	2.62	2.69	2.80	2.77	2.81
Transport activities, NEC	2.45	2.47	2.39	2.44	2.54	2.58	2.78
Paper	2.62	2.67	2.68	2.77	2.83	2.76	2.78
Backward production length of GVC segment							
Real estate	4.59	4.65	4.67	4.63	4.75	4.83	4.93
Retail trade	4.34	4.56	4.78	4.65	4.71	4.80	4.88
Electricals	3.93	4.02	4.23	4.13	4.64	4.69	4.78
Forward production length of GVC segment							
Mining	4.71	5.01	4.90	4.81	5.06	4.95	5.09
Utilities	4.53	4.64	4.57	4.74	4.70	4.85	4.90
Retail trade	3.35	4.72	4.63	4.84	4.77	4.76	4.86
Backward agglomeration index							
Electricals	-	1.10	2.43	1.59	2.33	3.01	3.07
Manufacturing, NEC	-	1.95	2.02	2.09	2.10	2.53	2.30
Transport equipment	-	2.29	1.91	1.86	1.86	2.24	2.07
Forward agglomeration index							
Manufacturing, NEC	-	1.68	1.74	1.80	1.77	2.27	2.23
Mining	-	2.10	1.96	1.98	1.79	2.29	2.15
Electricals	-	1.11	2.13	1.35	1.83	2.04	2.00

CIF = cost, insurance, and freight; FOB = free on board; GVC = global value chain; NEC = not elsewhere classified; NPISHs = nonprofit institutions serving households.
Source: Calculations using the Asian Development Bank Multiregional Input-Output Table. <https://mrio.adb.org/> (accessed July 2021).

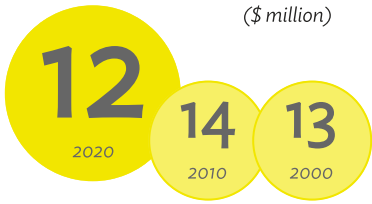
Bangladesh

South and Central Asia

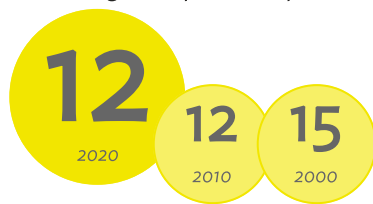
The four select sectors are chosen based on their gross outputs in the economy as of 2019.

Economy Ranking out of 25 Economies

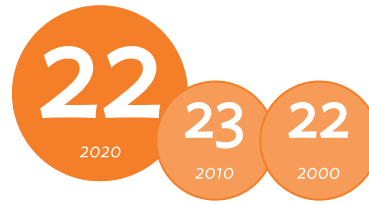
Value-Added at Basic Prices
(\$ million)



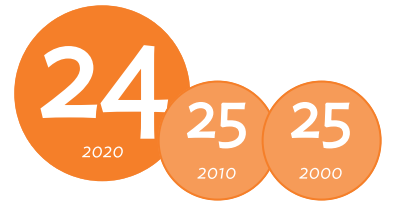
Average Output Multiplier



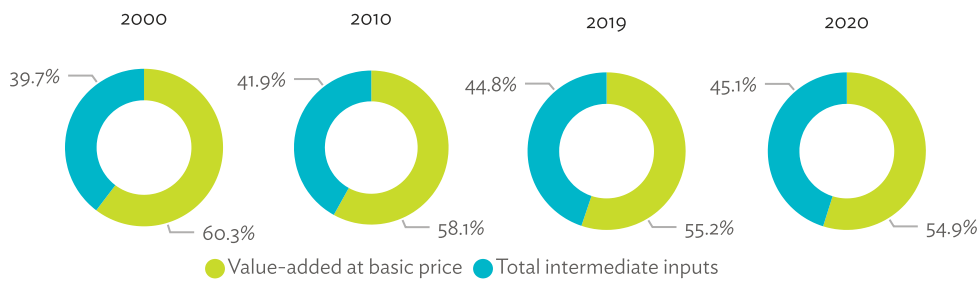
Trade Openness



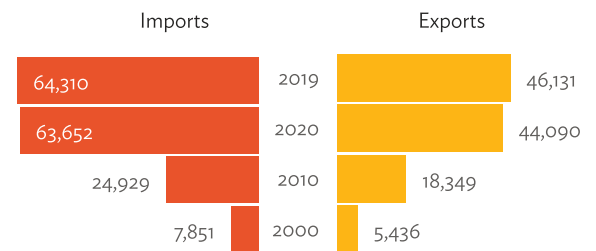
Trade-Based GVC Participation



Share of Intermediate Consumption and Gross Value-Added in Output

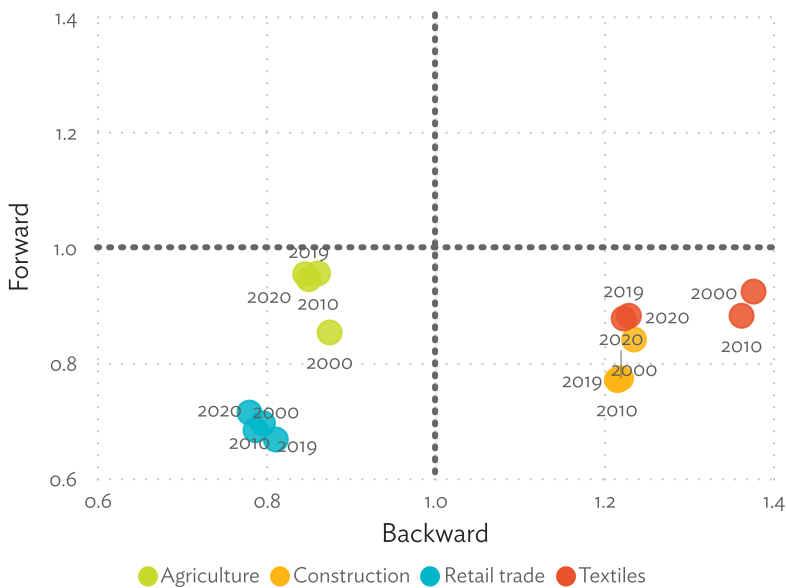


Imports and Exports, 2019-2020
(\$ million)



Domestic Linkages

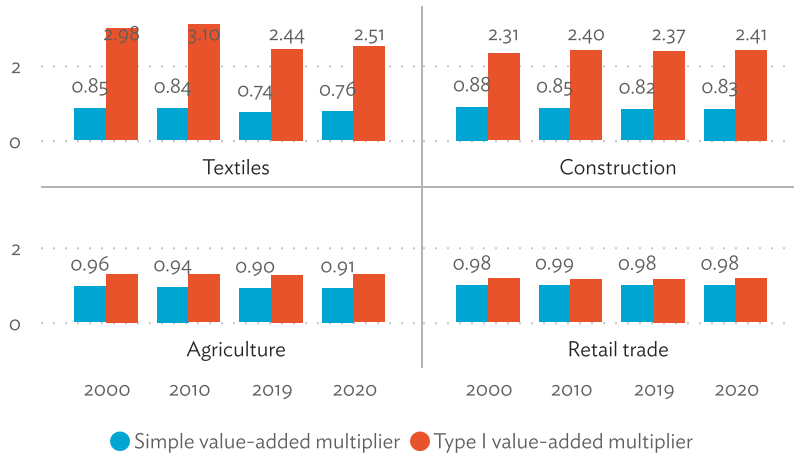
Normalized Linkages



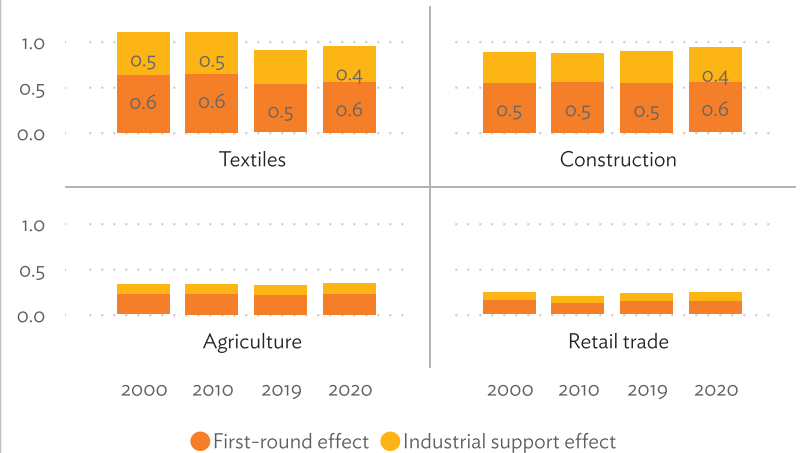
Net Linkages



Value-Added Multipliers

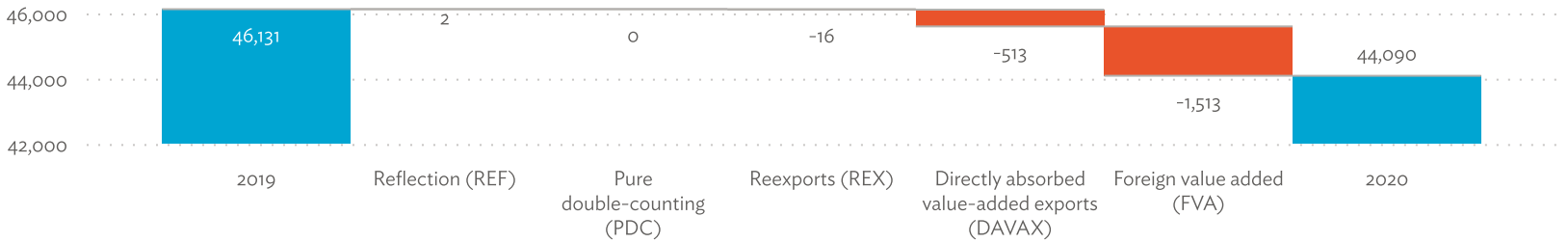


Production-Induced Effect



International Linkages

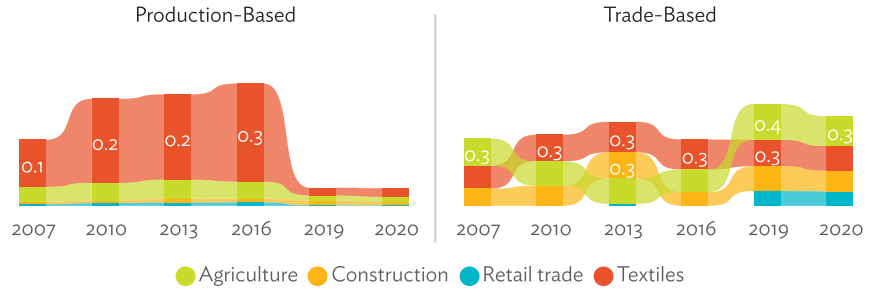
Change in Exports, by Value-Added Components, 2019-2020
(\$ million)



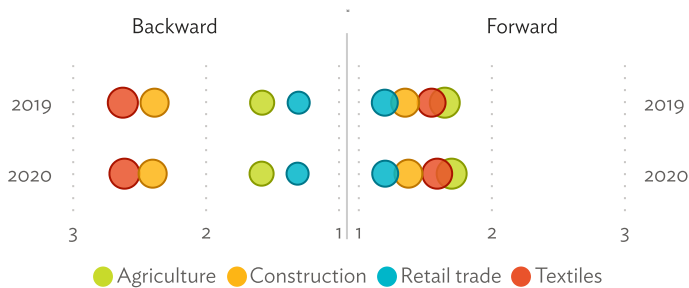
Import Multipliers



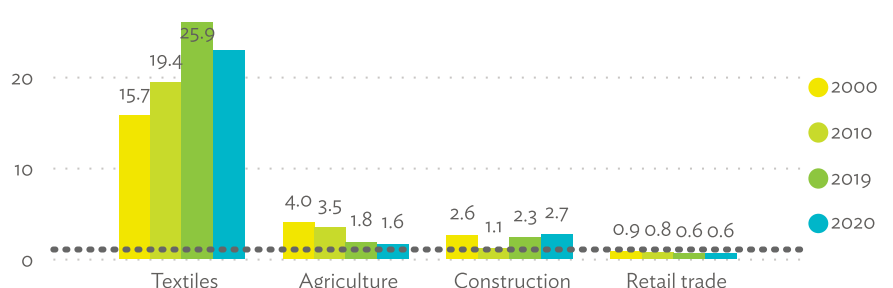
GVC Participation Rates



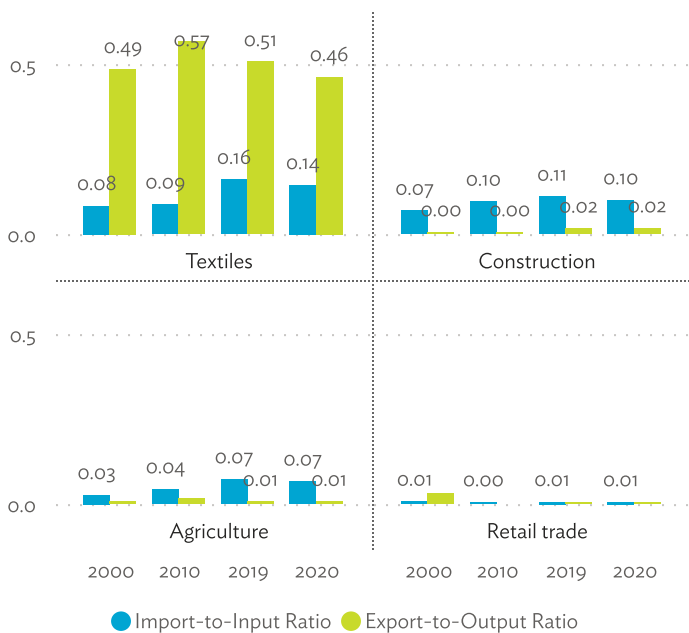
Average Production Length



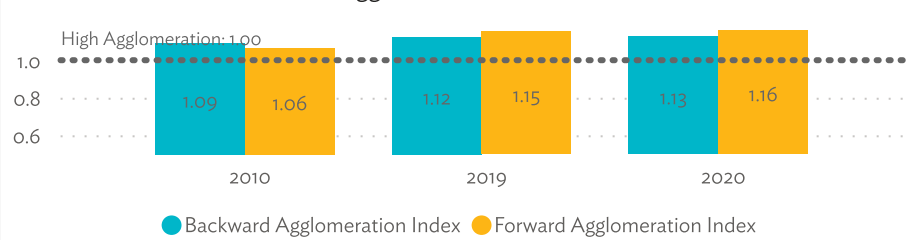
New Revealed Comparative Advantage



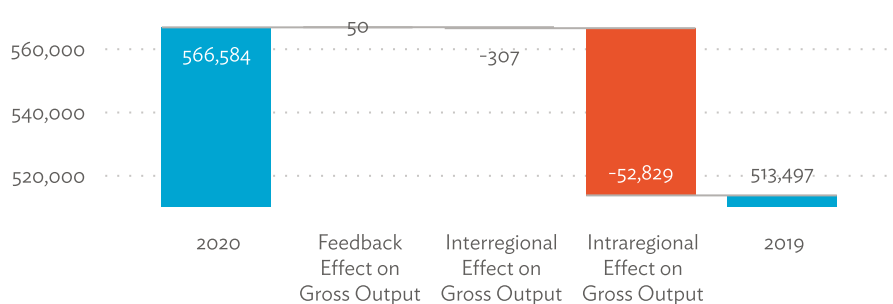
Trade Orientation



Agglomeration Indices



Domestic Transfer Effects and International Spillover Effects
(\$ million)



GVC = global value chain; NEC = not elsewhere classified.

Source: Calculations using the Asian Development Bank Multiregional Input-Output Table. <https://mrio.adb.online/> (accessed July 2021).