

Pakistan

South and Central Asia

Basic Economic Indicators

Economic Aggregates (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price	66,396	143,826	167,249	211,587	262,877	238,498	240,230
Gross output	132,904	268,224	311,415	397,278	489,334	436,051	436,997
Total intermediate inputs	63,993	120,158	140,457	181,255	217,996	189,890	187,916
Taxes less subsidies on products	2,515	4,240	3,709	4,436	8,460	7,664	8,851
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	49,552	108,204	128,061	163,768	205,511	195,779	189,594
Final consumption expenditure by NPISHs	0	0	0	0	0	0	0
Government final consumption expenditure	5,921	14,344	17,250	23,254	30,227	28,292	32,620
Gross fixed capital formation	9,412	21,241	19,576	22,721	29,744	25,075	25,598
Changes in inventories	772	1,961	2,289	2,877	3,641	3,340	3,406
Total final demand	65,657	145,750	167,175	212,620	269,124	252,487	251,217
Exports	8,647	17,741	21,099	26,054	25,510	25,610	24,694
Imports	9,925	28,378	31,857	41,673	45,076	51,425	42,884

Economic Aggregates, Top 3 Sectors (\$ million)	2000	2007	2010	2013	2016	2019	2020
Gross output							
Agriculture	23,961	46,495	56,809	73,412	90,400	77,877	81,685
Inland transport	11,662	28,029	33,657	36,218	46,685	40,303	36,705
Food and beverages	9,847	20,994	23,690	31,015	34,907	32,130	35,236
Total intermediate inputs							
Food and beverages	7,511	16,083	18,175	23,805	26,680	24,562	26,863
Utilities	13,455	10,605	14,769	21,240	28,983	19,870	23,619
Agriculture	6,676	13,216	16,080	20,796	25,415	21,898	22,910
Total final demand							
Food and beverages	8,075	16,691	19,000	25,059	28,888	27,224	30,227
Inland transport	7,169	22,974	25,903	27,794	35,230	31,744	28,492
Agriculture	8,095	14,162	16,927	21,846	28,535	25,515	26,785
Exports							
Textiles	3,009	8,775	9,915	12,400	11,051	14,020	14,116
Food and beverages	768	1,945	2,355	2,948	2,658	2,202	1,907
Metals	35	81	107	142	186	940	1,075
Imports							
Metals	227	4,935	5,504	7,215	7,253	8,559	7,123
Chemicals	411	3,784	4,358	5,527	6,392	7,625	6,729
Refined fuels	429	2,573	3,965	5,476	5,065	6,055	5,145
Value-added at basic price							
Agriculture	17,216	33,164	40,628	52,495	64,754	55,784	58,511
Retail trade	6,129	14,976	17,528	22,733	28,111	24,061	22,875
Business activities, NEC	1,655	6,821	8,010	10,814	15,146	17,009	18,314

Domestic Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
First-round effect							
Food and beverages	0.74	0.73	0.73	0.74	0.74	0.72	0.72
Utilities	0.78	0.65	0.69	0.70	0.74	0.68	0.70
Textiles	0.69	0.69	0.69	0.69	0.69	0.67	0.68
Industrial support effect							
Utilities	1.15	0.45	0.58	0.67	0.85	0.52	0.59
Hotels and restaurants	0.43	0.40	0.37	0.39	0.42	0.31	0.33
Textiles	0.39	0.31	0.34	0.35	0.37	0.29	0.30
Production-induced effect							
Utilities	1.93	1.10	1.26	1.37	1.59	1.20	1.28
Food and beverages	1.04	1.02	1.02	1.03	1.03	0.98	0.99
Textiles	1.08	1.00	1.03	1.03	1.06	0.96	0.98

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Simple value-added multiplier							
Real estate	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Business activities, NEC	0.98	0.98	0.98	0.98	0.99	0.98	0.98
Mining	0.99	0.98	0.98	0.98	0.98	0.98	0.98
Type I value-added multiplier							
Utilities	5.16	4.94	4.94	4.87	5.06	4.59	4.71
Food and beverages	4.01	3.99	4.02	4.03	4.01	3.89	3.90
Textiles	3.36	3.30	3.29	3.29	3.35	3.24	3.29
Direct backward linkage							
Food and beverages	0.74	0.73	0.73	0.74	0.74	0.72	0.72
Utilities	0.78	0.65	0.69	0.70	0.74	0.68	0.70
Textiles	0.69	0.69	0.69	0.69	0.69	0.67	0.68
Complete hypothetical extraction (backward)							
Food and beverages	1.97	1.95	1.96	1.96	1.97	1.93	1.93
Hotels and restaurants	2.03	2.00	1.97	1.99	2.02	1.90	1.93
Textiles	1.97	1.92	1.93	1.93	1.96	1.89	1.92
Partial hypothetical extraction (backward)							
Food and beverages	1.01	0.98	0.99	0.99	1.00	0.95	0.96
Textiles	1.02	0.96	0.98	0.98	1.01	0.93	0.95
Hotels and restaurants	1.04	1.01	0.98	1.00	1.03	0.91	0.93
Total backward linkage							
Utilities	2.93	2.10	2.26	2.37	2.59	2.20	2.28
Food and beverages	2.04	2.02	2.02	2.03	2.03	1.98	1.99
Textiles	2.08	2.00	2.03	2.03	2.06	1.96	1.98
Direct forward linkage							
Transport activities, NEC	0.95	0.95	0.96	0.95	0.94	0.89	0.89
Mining	0.94	0.85	0.78	0.82	0.85	0.86	0.87
Wood	0.80	0.82	0.82	0.85	0.84	0.83	0.82
Complete hypothetical extraction (forward)							
Mining	3.07	2.54	2.45	2.61	2.80	2.52	2.57
Wood	2.24	2.23	2.23	2.25	2.23	2.16	2.17
Transport activities, NEC	2.28	2.06	2.11	2.13	2.13	2.00	2.03
Partial hypothetical extraction (forward)							
Mining	2.07	1.54	1.45	1.61	1.81	1.52	1.58
Wood	1.29	1.29	1.29	1.30	1.28	1.20	1.20
Transport activities, NEC	1.45	1.22	1.28	1.30	1.30	1.17	1.20
Total forward linkage							
Mining	3.09	2.56	2.47	2.63	2.82	2.53	2.59
Transport activities, NEC	2.74	2.46	2.55	2.56	2.57	2.41	2.44
Wood	2.37	2.36	2.36	2.38	2.35	2.27	2.24
Normalized backward linkage							
Utilities							
Food and beverages							
Textiles							
Normalized forward linkage							
Mining							
Transport activities, NEC							
Wood							
Net backward linkage							
Hotels and restaurants							
Food and beverages							
Leather							
Net forward linkage							
Mining							
Transport activities, NEC							
Real estate							

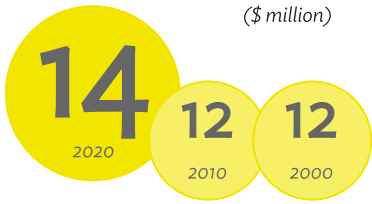
Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Self-sufficiency ratio							
Leather	1.21	1.24	1.32	1.29	1.20	2.46	2.23
Textiles	1.35	1.63	1.66	1.61	1.41	1.76	2.00
Health and social work	1.04	1.18	1.11	1.11	1.08	1.20	1.16
Import-to-input ratio							
Transport equipment	0.20	0.27	0.27	0.27	0.23	0.36	0.31
Electricals	0.17	0.22	0.22	0.22	0.19	0.30	0.25
Refined fuels	0.15	0.20	0.21	0.22	0.16	0.27	0.21
Export-to-output ratio							
Water transport	0.40	0.03	0.04	0.04	0.04	0.89	0.69
Leather	0.23	0.26	0.30	0.29	0.23	0.66	0.61
Textiles	0.31	0.44	0.44	0.42	0.33	0.47	0.53
Domestic inputs share to output							
Food and beverages	0.74	0.73	0.73	0.74	0.74	0.72	0.72
Utilities	0.78	0.65	0.69	0.70	0.74	0.68	0.70
Textiles	0.69	0.69	0.69	0.69	0.69	0.67	0.68
Foreign inputs share to output							
Transport equipment	0.20	0.27	0.27	0.27	0.23	0.36	0.31
Electricals	0.17	0.22	0.22	0.22	0.19	0.30	0.25
Refined fuels	0.15	0.20	0.21	0.22	0.16	0.27	0.21
Backward import multipliers							
Transport equipment	0.27	0.36	0.37	0.37	0.30	0.44	0.37
Electricals	0.22	0.30	0.30	0.31	0.25	0.37	0.31
Utilities	0.16	0.31	0.28	0.28	0.22	0.29	0.27
Forward import multipliers							
Water transport	0.35	0.03	0.04	0.04	0.04	0.70	0.53
Leather	0.15	0.17	0.21	0.20	0.16	0.49	0.44
Metals	0.02	0.03	0.04	0.04	0.04	0.21	0.30
Intraregional transfer multiplier							
Utilities	2.93	2.10	2.26	2.37	2.59	2.20	2.28
Food and beverages	2.04	2.02	2.02	2.03	2.03	1.98	1.99
Textiles	2.08	2.00	2.03	2.03	2.06	1.96	1.98
Interregional spillover multiplier							
Transport equipment	1.37	1.55	1.56	1.59	1.51	1.83	1.71
Electricals	1.29	1.45	1.46	1.49	1.42	1.68	1.59
Refined fuels	1.22	1.35	1.37	1.38	1.32	1.59	1.50
Interregional feedback multiplier							
Transport equipment	1.12	1.16	1.17	1.18	1.13	1.17	1.15
Electricals	1.07	1.13	1.14	1.13	1.10	1.14	1.12
Rubber and plastics	1.05	1.09	1.08	1.09	1.07	1.11	1.09
Intraregional effect on gross output (\$ million)							
Agriculture	22,438.64	42,316.17	51,704.50	67,007.12	84,086.99	74,700.44	78,398.68
Inland transport	10,837.49	27,337.60	32,591.11	35,115.65	45,380.26	39,794.10	36,233.12
Food and beverages	9,371.65	19,853.83	22,324.07	29,328.06	33,401.21	30,906.58	34,202.35
Interregional effect on gross output (\$ million)							
Textiles	1,321.18	3,795.76	4,627.13	5,845.51	4,966.17	2,744.56	3,074.68
Agriculture	1,296.06	3,516.10	4,317.86	5,360.32	5,314.86	2,587.53	2,767.51
Food and beverages	400.31	976.50	1,163.50	1,424.77	1,263.82	1,025.19	867.34
Feedback effect on gross output (\$ million)							
Textiles	241.83	776.08	887.61	1,196.86	998.43	683.31	577.17
Agriculture	226.50	663.08	787.04	1,044.19	997.75	589.13	518.34
Business activities, NEC	39.42	68.10	78.58	111.86	134.30	218.72	192.32
Directly absorbed value-added exports (DAVAX) (\$ million)							
Textiles	2,162.57	6,057.23	6,798.22	8,419.25	7,941.67	11,062.65	11,376.71
Food and beverages	604.22	1,528.97	1,845.99	2,324.61	2,119.30	1,657.94	1,446.68
Business activities, NEC	94.78	86.47	116.75	174.34	236.92	798.97	697.02
Reflection (REF) (\$ million)							
Textiles	1.26	5.62	5.85	8.33	9.72	1.94	1.99
Metals	0.01	0.03	0.04	0.04	0.09	0.87	0.94
Mining	0.03	0.07	0.09	0.12	0.23	0.66	0.74

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Reexports (REX) (\$ million)							
Textiles	674.71	1,996.83	2,298.60	2,950.99	2,335.25	1,568.12	1,494.45
Food and beverages	126.54	286.73	358.60	432.88	392.94	360.87	321.86
Business activities, NEC	40.42	69.75	72.52	106.41	130.35	266.07	226.40
Foreign value added (FVA) (\$ million)							
Textiles	170.76	714.68	811.88	1,020.88	764.04	1,387.26	1,242.41
Metals	5.31	16.91	22.39	30.20	31.80	233.17	222.97
Food and beverages	36.62	128.09	149.01	188.06	143.27	181.99	137.47
Pure double-counting (PDC) (\$ million)							
Textiles	0.07	0.26	0.26	0.35	0.28	0.18	0.17
Metals	0.00	0.00	0.01	0.01	0.01	0.03	0.03
Transport equipment	0.00	0.01	0.02	0.03	0.02	0.03	0.02
Trade-based GVC participation rate							
Water transport	0.40	0.34	0.41	0.41	0.42	0.52	0.48
Chemicals	0.40	0.42	0.41	0.42	0.40	0.49	0.43
Metals	0.31	0.39	0.34	0.33	0.36	0.44	0.42
Production-based GVC participation rate							
Water transport	0.35	0.03	0.04	0.04	0.04	0.70	0.53
Leather	0.15	0.17	0.21	0.20	0.16	0.49	0.44
Metals	0.02	0.03	0.04	0.04	0.04	0.21	0.30
Trade-based backward GVC participation rate							
Transport equipment	0.27	0.36	0.37	0.37	0.30	0.44	0.37
Electricals	0.22	0.30	0.30	0.31	0.25	0.37	0.31
Utilities	0.16	0.31	0.28	0.28	0.22	0.29	0.27
Trade-based forward GVC participation rate							
Transport activities, NEC	0.37	0.36	0.36	0.37	0.16	0.38	0.36
Water transport	0.31	0.22	0.29	0.28	0.32	0.36	0.35
Leather	0.29	0.30	0.30	0.29	0.30	0.36	0.34
Traditional revealed comparative advantage							
Textiles	7.71	14.23	14.73	14.45	13.09	17.87	16.72
Health and social work	6.37	15.00	7.11	7.05	6.54	10.92	10.63
Education	5.92	14.05	7.51	7.24	7.37	8.47	8.09
New revealed comparative advantage							
Textiles	4.36	8.08	8.64	8.24	7.08	10.57	10.19
Agriculture	7.23	8.88	8.31	7.66	7.54	7.01	6.35
Health and social work	3.43	5.73	3.74	3.91	3.78	5.93	5.58
Backward production length							
Utilities	3.26	2.84	2.96	3.10	3.17	2.96	3.04
Transport equipment	2.41	2.70	2.77	2.83	2.62	2.72	2.56
Rubber and plastics	2.25	2.43	2.44	2.48	2.38	2.51	2.45
Forward production length							
Mining	3.20	2.64	2.56	2.73	2.94	2.77	2.84
Transport activities, NEC	2.90	2.56	2.66	2.69	2.67	2.60	2.62
Water transport	2.21	1.26	1.36	1.43	1.49	2.89	2.57
Backward production length of GVC segment							
Hotels and restaurants	4.13	4.43	4.48	4.65	4.65	4.40	4.56
Utilities	4.57	3.86	4.13	4.41	4.64	4.30	4.54
Leather	4.08	4.40	4.39	4.58	4.50	4.41	4.48
Forward production length of GVC segment							
Utilities	5.31	4.57	4.75	5.11	5.22	4.76	4.89
Refined fuels	4.18	4.05	4.17	4.31	4.25	4.70	4.73
Real estate	4.29	4.41	4.46	4.62	4.56	4.58	4.65
Backward agglomeration index							
Rubber and plastics	-	1.66	1.74	1.98	2.04	3.22	2.96
Manufacturing, NEC	-	1.66	1.60	1.78	1.86	2.36	2.17
Electricals	-	2.33	2.34	2.41	2.29	1.85	2.04
Forward agglomeration index							
Manufacturing, NEC	-	1.48	1.47	1.59	1.63	2.17	2.12
Mining	-	2.29	2.12	2.17	1.90	2.25	2.08
Electricals	-	2.75	2.48	2.41	2.20	2.01	1.90

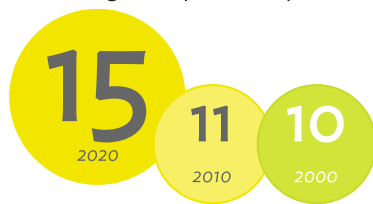
CIF = cost, insurance, and freight; FOB = free on board; GVC = global value chain; NEC = not elsewhere classified; NPISHs = nonprofit institutions serving households.
Source: Calculations using the Asian Development Bank Multiregional Input-Output Table. <https://mrio.adb.org/> (accessed July 2021).

Economy Ranking out of 25 Economies

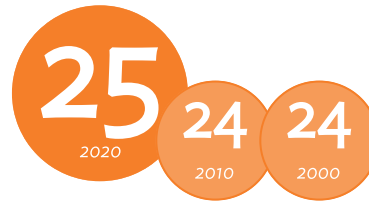
Value-Added at Basic Prices (\$ million)



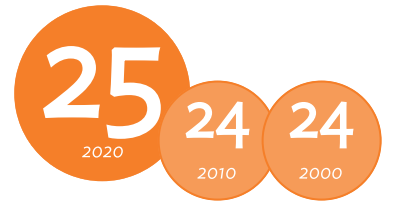
Average Output Multiplier



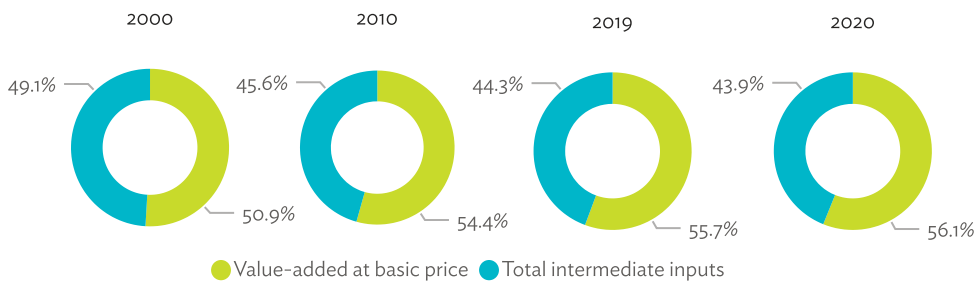
Trade Openness



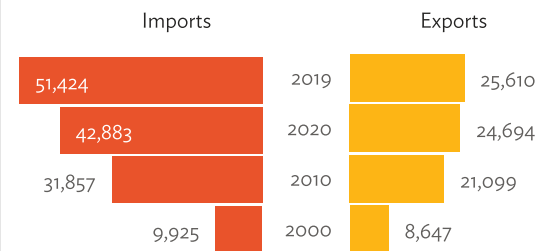
Trade-Based GVC Participation



Share of Intermediate Consumption and Gross Value-Added in Output

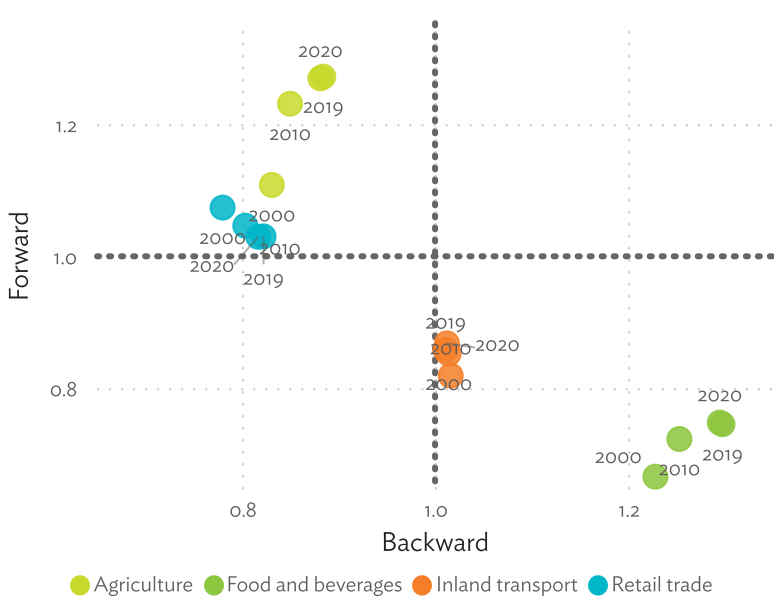


Imports and Exports, 2019-2020 (\$ million)

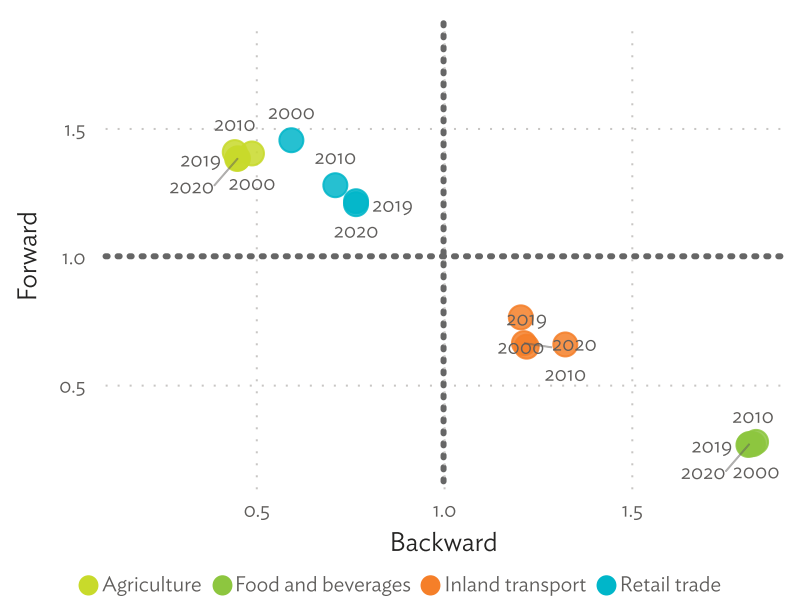


Domestic Linkages

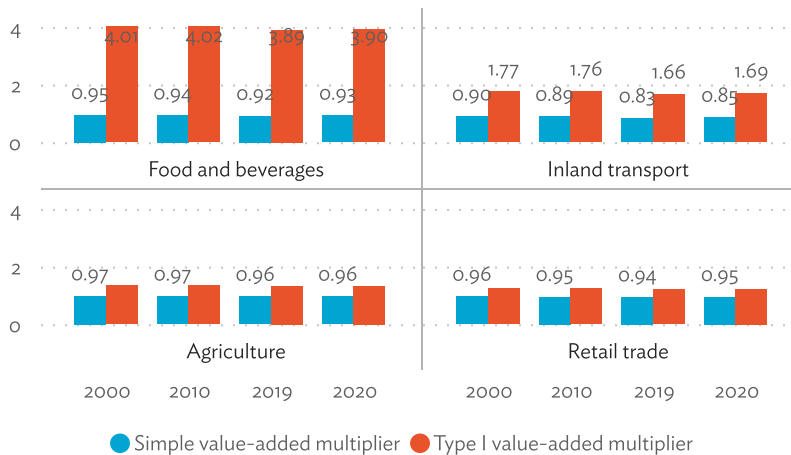
Normalized Linkages



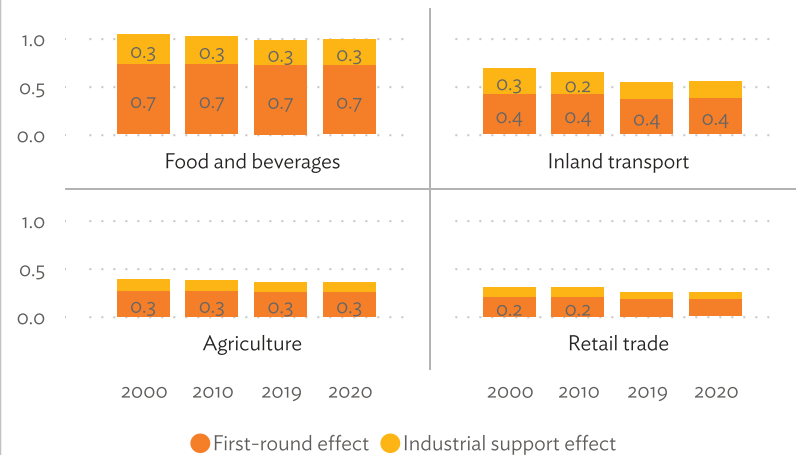
Net Linkages



Value-Added Multipliers

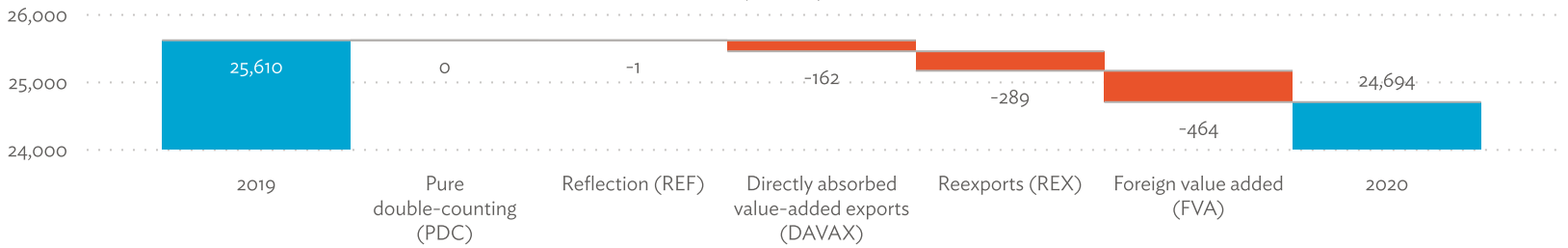


Production-Induced Effect

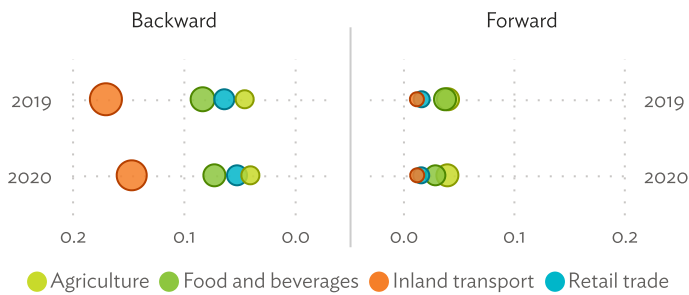


International Linkages

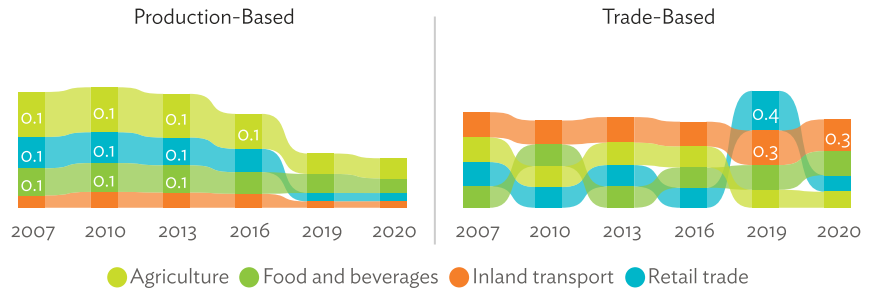
Change in Exports, by Value-Added Components, 2019-2020
(\$ million)



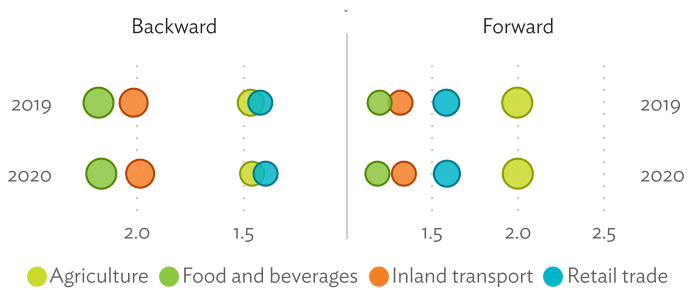
Import Multipliers



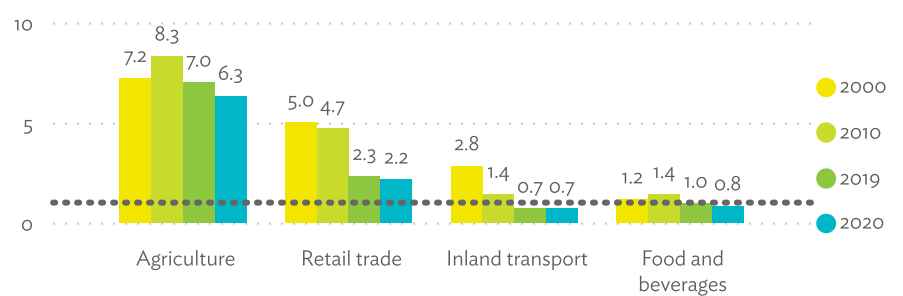
GVC Participation Rates



Average Production Length



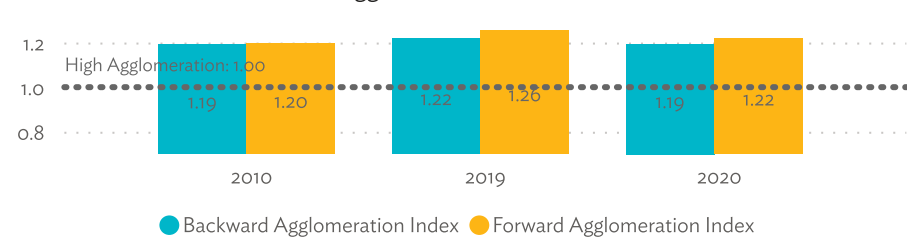
New Revealed Comparative Advantage



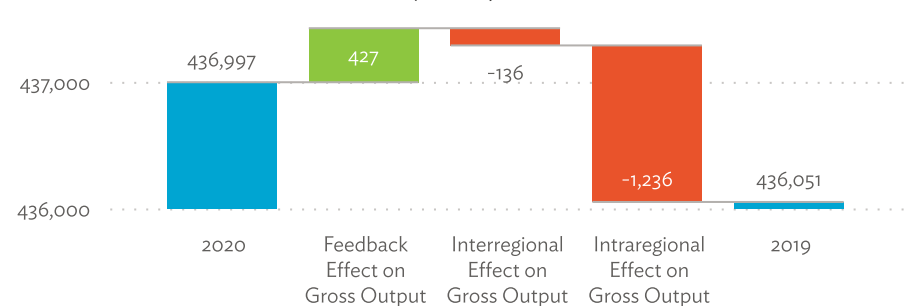
Trade Orientation



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).