

Economic Aggregates (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price	4,836	9,835	14,274	16,401	18,447	29,683	29,410
Gross output	9,350	17,263	24,532	26,552	29,426	53,377	51,388
Total intermediate inputs	4,380	7,156	9,762	9,537	10,090	21,920	20,531
Taxes less subsidies on products	135	271	495	614	888	1,774	1,447
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	3,161	6,859	9,314	9,964	11,958	18,698	20,953
Final consumption expenditure by NPISHs	56	178	257	282	340	441	486
Government final consumption expenditure	494	1,061	1,739	1,776	2,372	2,730	2,940
Gross fixed capital formation	837	1,872	2,902	3,498	5,151	9,095	8,701
Changes in inventories	197	604	1,857	2,599	863	5,150	1,389
Total final demand	4,745	10,574	16,069	18,119	20,684	36,115	34,469
Exports	984	1,031	1,067	1,126	1,100	2,666	2,234
Imports	1,352	2,932	5,282	6,090	7,181	14,211	11,194

Economic Aggregates, Top 3 Sectors (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price							
Agriculture	1,631	3,029	4,793	5,569	5,884	7,396	7,650
Retail trade	616	1,060	1,671	1,946	2,178	3,957	3,602
Real estate	288	729	875	1,007	1,350	2,626	2,679
Gross output							
Agriculture	2,571	4,234	6,578	7,307	7,753	9,788	10,148
Construction	820	1,398	2,193	2,377	2,590	5,770	5,216
Retail trade	910	1,413	2,239	2,396	2,613	5,032	4,626
Total intermediate inputs							
Construction	368	737	1,145	1,151	1,178	3,338	3,078
Agriculture	914	1,161	1,698	1,626	1,707	2,199	2,320
Food and beverages	590	838	1,015	1,063	1,074	2,184	1,973
Total final demand							
Agriculture	1,496	2,895	4,852	5,704	5,841	6,574	6,623
Construction	594	1,063	1,722	1,979	2,233	4,926	4,407
Retail trade	388	748	1,364	1,630	1,889	3,404	3,314
Exports							
Food and beverages	118	71	66	52	50	529	437
Inland transport	60	90	80	121	105	387	311
Personal services, NEC	106	191	228	250	243	342	269
Imports							
Refined fuels	105	501	740	1,041	1,200	2,278	1,835
Metals	188	333	673	777	804	1,992	1,620
Electricals	127	270	495	608	773	1,667	1,349

Domestic Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
First-round effect							
Personal services, NEC	0.31	0.27	0.25	0.24	0.25	0.65	0.64
Food and beverages	0.71	0.65	0.62	0.63	0.61	0.61	0.64
Hotels and restaurants	0.54	0.52	0.49	0.54	0.61	0.60	0.64
Industrial support effect							
Personal services, NEC	0.20	0.13	0.12	0.10	0.10	0.28	0.29
Transport activities, NEC	0.40	0.27	0.24	0.20	0.20	0.23	0.27
Hotels and restaurants	0.34	0.25	0.21	0.22	0.24	0.23	0.26
Production-induced effect							
Personal services, NEC	0.52	0.40	0.38	0.34	0.36	0.92	0.93
Hotels and restaurants	0.89	0.77	0.70	0.76	0.85	0.83	0.90
Food and beverages	1.13	0.95	0.86	0.85	0.82	0.78	0.85

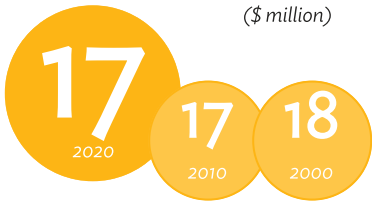
Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Simple value-added multiplier							
Wholesale trade	0.94	0.96	0.96	0.97	0.97	0.96	0.97
Education	0.93	0.93	0.92	0.94	0.95	0.94	0.95
Sale of motor vehicles	0.94	0.95	0.94	0.96	0.96	0.94	0.95
Type I value-added multiplier							
Food and beverages	3.53	3.10	2.92	2.87	2.73	2.98	3.15
Hotels and restaurants	2.15	2.09	2.00	2.25	2.74	2.67	2.91
Personal services, NEC	1.41	1.32	1.30	1.27	1.29	2.84	2.89
Direct backward linkage							
Personal services, NEC	0.31	0.27	0.25	0.24	0.25	0.65	0.64
Food and beverages	0.71	0.65	0.62	0.63	0.61	0.61	0.64
Hotels and restaurants	0.54	0.52	0.49	0.54	0.61	0.60	0.64
Complete hypothetical extraction (backward)							
Personal services, NEC	1.48	1.40	1.37	1.34	1.36	1.92	1.93
Hotels and restaurants	1.82	1.72	1.65	1.70	1.78	1.70	1.81
Transport activities, NEC	1.96	1.76	1.69	1.63	1.61	1.68	1.75
Partial hypothetical extraction (backward)							
Personal services, NEC	0.50	0.40	0.38	0.34	0.36	0.92	0.93
Hotels and restaurants	0.85	0.75	0.68	0.74	0.82	0.77	0.85
Food and beverages	0.98	0.84	0.78	0.76	0.73	0.75	0.79
Total backward linkage							
Personal services, NEC	1.52	1.40	1.38	1.34	1.36	1.92	1.93
Hotels and restaurants	1.89	1.77	1.70	1.76	1.85	1.83	1.90
Food and beverages	2.13	1.95	1.86	1.85	1.82	1.78	1.85
Direct forward linkage							
Minerals, NEC	0.67	0.75	0.75	0.79	0.84	0.72	0.85
Utilities	0.85	0.66	0.73	0.72	0.72	0.79	0.79
Refined fuels	0.86	0.91	0.78	0.74	0.77	0.70	0.73
Complete hypothetical extraction (forward)							
Mining	2.51	2.47	2.32	2.22	2.18	1.97	2.14
Refined fuels	2.61	2.46	2.27	2.16	2.16	2.05	2.12
Utilities	2.36	1.95	2.01	1.97	1.94	2.00	2.00
Partial hypothetical extraction (forward)							
Mining	1.51	1.47	1.32	1.22	1.18	0.97	1.14
Refined fuels	1.61	1.47	1.28	1.16	1.16	1.06	1.12
Utilities	1.39	0.99	1.05	1.01	0.98	1.06	1.07
Total forward linkage							
Minerals, NEC	2.12	2.21	2.16	2.18	2.24	2.00	2.26
Utilities	2.43	2.03	2.09	2.05	2.02	2.13	2.16
Metals	2.17	2.20	1.98	2.32	2.32	1.68	2.15
Normalized backward linkage							
Personal services, NEC	0.91	0.90	0.92	0.92	0.94	1.39	1.34
Hotels and restaurants	1.13	1.14	1.14	1.20	1.29	1.32	1.31
Food and beverages	1.28	1.25	1.24	1.26	1.26	1.29	1.28
Normalized forward linkage							
Minerals, NEC	1.31	1.43	1.44	1.45	1.51	1.43	1.54
Utilities	1.50	1.31	1.39	1.37	1.37	1.53	1.47
Metals	1.34	1.42	1.32	1.54	1.57	1.20	1.46
Net backward linkage							
Personal services, NEC	1.29	1.31	1.29	1.28	1.31	1.81	1.79
Leather	1.90	1.77	1.70	1.64	1.62	1.55	1.61
Hotels and restaurants	1.32	1.31	1.29	1.38	1.48	1.38	1.48
Net forward linkage							
Mining	1.67	1.83	1.72	1.77	1.77	1.58	1.72
Agriculture	1.02	1.04	1.00	1.01	1.03	1.10	1.13
Retail trade	1.20	1.23	1.15	1.18	1.13	1.14	1.11

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Self-sufficiency ratio							
Personal services, NEC	1.75	1.64	1.36	1.39	1.30	1.89	1.64
Air transport	0.94	0.98	0.98	0.98	0.98	1.33	1.31
Business activities, NEC	1.02	1.00	0.99	1.03	0.99	1.22	1.16
Import-to-input ratio							
Electricals	0.34	0.32	0.35	0.32	0.31	0.54	0.47
Transport equipment	0.27	0.25	0.28	0.26	0.26	0.46	0.41
Metals	0.29	0.29	0.33	0.27	0.26	0.45	0.39
Export-to-output ratio							
Water transport	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Transport equipment	0.03	0.02	0.04	0.31	0.03	0.99	0.90
Textiles	0.59	0.42	0.33	0.31	0.29	0.80	0.82
Domestic inputs share to output							
Personal services, NEC	0.31	0.27	0.25	0.24	0.25	0.65	0.64
Food and beverages	0.71	0.65	0.62	0.63	0.61	0.61	0.64
Hotels and restaurants	0.54	0.52	0.49	0.54	0.61	0.60	0.64
Foreign inputs share to output							
Electricals	0.34	0.32	0.35	0.32	0.31	0.54	0.47
Transport equipment	0.27	0.25	0.28	0.26	0.26	0.46	0.41
Metals	0.29	0.29	0.33	0.27	0.26	0.45	0.39
Backward import multipliers							
Electricals	0.47	0.44	0.47	0.43	0.42	0.60	0.57
Metals	0.45	0.45	0.48	0.42	0.40	0.56	0.54
Transport equipment	0.39	0.38	0.40	0.36	0.34	0.50	0.47
Forward import multipliers							
Textiles	0.17	0.09	0.07	0.07	0.07	0.43	0.45
Transport activities, NEC	0.67	0.54	0.48	0.36	0.33	0.27	0.26
Transport equipment	0.02	0.02	0.01	0.02	0.02	0.04	0.22
Intraregional transfer multiplier							
Personal services, NEC	1.52	1.40	1.38	1.34	1.36	1.92	1.93
Hotels and restaurants	1.89	1.77	1.70	1.76	1.85	1.83	1.90
Food and beverages	2.13	1.95	1.86	1.85	1.82	1.78	1.85
Interregional spillover multiplier							
Electricals	1.66	1.63	1.72	1.65	1.68	2.10	2.01
Transport equipment	1.50	1.47	1.54	1.52	1.54	1.87	1.82
Metals	1.55	1.59	1.69	1.53	1.56	1.79	1.74
Interregional feedback multiplier							
Electricals	1.22	1.22	1.25	1.24	1.19	1.36	1.30
Inland transport	1.14	1.19	1.21	1.29	1.19	1.29	1.29
Metals	1.18	1.19	1.22	1.19	1.15	1.35	1.29
Intraregional effect on gross output (\$ million)							
Agriculture	2,450.76	4,149.95	6,509.12	7,254.50	7,674.11	9,487.65	9,823.29
Construction	769.46	1,376.47	2,161.39	2,351.88	2,564.95	5,750.51	5,200.13
Retail trade	793.12	1,320.76	2,146.94	2,334.43	2,521.61	4,905.19	4,529.20
Interregional effect on gross output (\$ million)							
Food and beverages	47.80	38.94	30.51	25.34	42.02	485.76	408.69
Agriculture	108.86	73.72	59.67	43.84	69.57	270.74	293.47
Inland transport	69.54	82.31	78.24	97.42	100.53	291.20	227.68
Feedback effect on gross output (\$ million)							
Inland transport	10.86	15.57	16.58	19.68	16.23	83.87	62.78
Food and beverages	5.12	5.48	5.09	4.51	6.97	40.23	35.16
Business activities, NEC	3.33	5.15	4.75	9.29	4.13	40.85	33.04
Directly absorbed value-added exports (DAVAX) (\$ million)							
Food and beverages	100.61	60.08	53.96	44.32	38.78	364.01	308.20
Personal services, NEC	81.55	142.51	172.21	193.29	192.22	238.19	192.73
Inland transport	38.47	54.69	47.64	67.93	59.89	171.67	139.11
Reflection (REF) (\$ million)							
Food and beverages	0.02	0.02	0.02	0.02	0.02	0.73	0.56
Inland transport	0.01	0.02	0.03	0.05	0.05	0.38	0.30
Textiles	0.00	0.00	0.01	0.01	0.01	0.09	0.09

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Reexports (REX) (\$ million)							
Food and beverages	3.78	2.04	1.88	1.55	4.91	66.74	57.59
Inland transport	5.47	8.03	8.68	13.67	10.94	65.44	50.68
Business activities, NEC	1.71	2.61	2.00	8.96	1.90	42.25	35.12
Foreign value added (FVA) (\$ million)							
Inland transport	15.66	26.97	24.06	38.97	34.23	149.05	120.48
Textiles	14.35	15.41	16.28	15.53	14.67	102.98	85.33
Food and beverages	13.43	9.12	10.44	6.59	6.00	97.31	70.30
Pure double-counting (PDC) (\$ million)							
Inland transport	0.00	0.00	0.00	0.00	0.00	0.03	0.03
Textiles	0.00	0.00	0.00	0.00	0.00	0.02	0.02
Food and beverages	0.00	0.00	0.00	0.00	0.00	0.03	0.02
Trade-based GVC participation rate							
Electricals	0.51	0.49	0.48	0.45	0.44	0.69	0.64
Construction	0.33	0.33	0.39	0.35	0.37	0.65	0.64
Refined fuels	0.42	0.44	0.50	0.37	0.35	0.81	0.61
Production-based GVC participation rate							
Textiles	0.17	0.09	0.07	0.07	0.07	0.43	0.45
Transport activities, NEC	0.67	0.54	0.48	0.36	0.33	0.27	0.26
Transport equipment	0.02	0.02	0.01	0.02	0.02	0.04	0.22
Trade-based backward GVC participation rate							
Electricals	0.47	0.44	0.47	0.43	0.42	0.60	0.57
Metals	0.45	0.45	0.48	0.42	0.40	0.56	0.54
Transport equipment	0.39	0.38	0.40	0.36	0.34	0.50	0.47
Trade-based forward GVC participation rate							
Wholesale trade	0.26	0.33	0.33	0.34	0.34	0.33	0.32
Transport activities, NEC	0.18	0.20	0.19	0.17	0.12	0.30	0.29
Sale of motor vehicles	0.28	0.33	0.32	0.34	0.35	0.26	0.25
Traditional revealed comparative advantage							
Inland transport	3.42	4.71	3.87	5.77	5.03	10.52	11.29
Telecommunications	3.81	5.27	5.27	4.59	5.02	10.98	10.86
Personal services, NEC	8.39	16.13	18.69	19.76	17.16	8.76	9.37
New revealed comparative advantage							
Air transport	0.75	0.94	0.95	1.09	0.96	12.41	13.53
Education	0.68	0.88	1.02	3.90	0.89	5.08	5.51
Inland transport	2.10	2.85	2.71	3.39	3.07	4.58	4.21
Backward production length							
Metals	3.07	3.05	2.96	2.94	2.81	2.85	3.00
Electricals	2.96	2.93	2.88	2.87	2.76	2.90	2.99
Manufacturing, NEC	2.82	2.74	2.68	2.66	2.57	2.65	2.77
Forward production length							
Transport activities, NEC	2.78	2.68	2.51	2.31	2.20	2.34	2.31
Refined fuels	2.88	2.62	2.38	2.28	2.27	2.21	2.29
Minerals, NEC	2.66	2.45	2.28	2.36	2.31	2.01	2.29
Backward production length of GVC segment							
Real estate	5.02	5.11	5.00	5.15	5.15	4.80	4.96
Wholesale trade	4.49	4.58	4.54	4.41	4.16	4.43	4.79
Sale of motor vehicles	4.46	4.49	4.42	4.47	4.41	4.47	4.69
Forward production length of GVC segment							
Construction	3.57	4.13	3.90	3.78	3.60	5.12	5.22
Mining	4.50	4.49	4.62	4.66	4.51	5.18	5.05
Wood	4.08	4.21	4.35	4.02	4.17	4.46	4.70
Backward agglomeration index							
Rubber and plastics	-	1.23	1.27	1.56	1.54	2.71	2.46
Leather	-	1.89	1.63	1.65	1.55	1.63	1.82
Electricals	-	1.90	1.86	2.02	1.83	1.42	1.54
Forward agglomeration index							
Mining	-	2.23	2.16	2.19	1.98	2.53	2.35
Electricals	-	2.82	2.62	2.50	2.28	2.30	2.20
Manufacturing, NEC	-	1.41	1.54	1.60	1.62	2.25	2.14

Economy Ranking out of 25 Economies

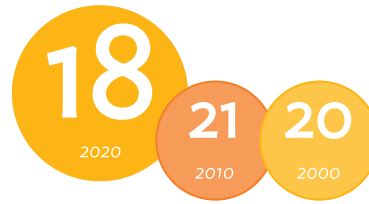
Value-Added at Basic Prices (\$ million)



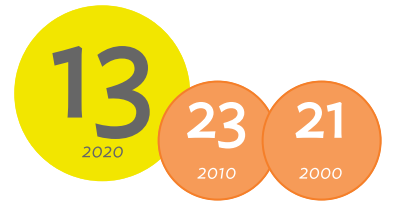
Average Output Multiplier



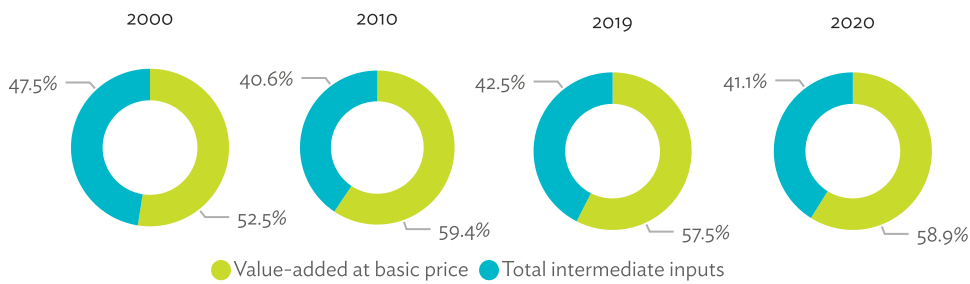
Trade Openness



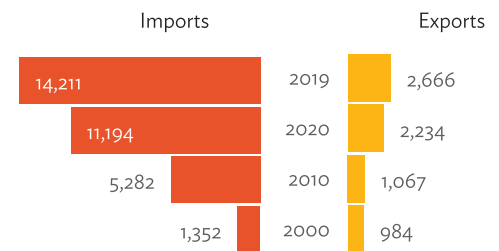
Trade-Based GVC Participation



Share of Intermediate Consumption and Gross Value-Added in Output

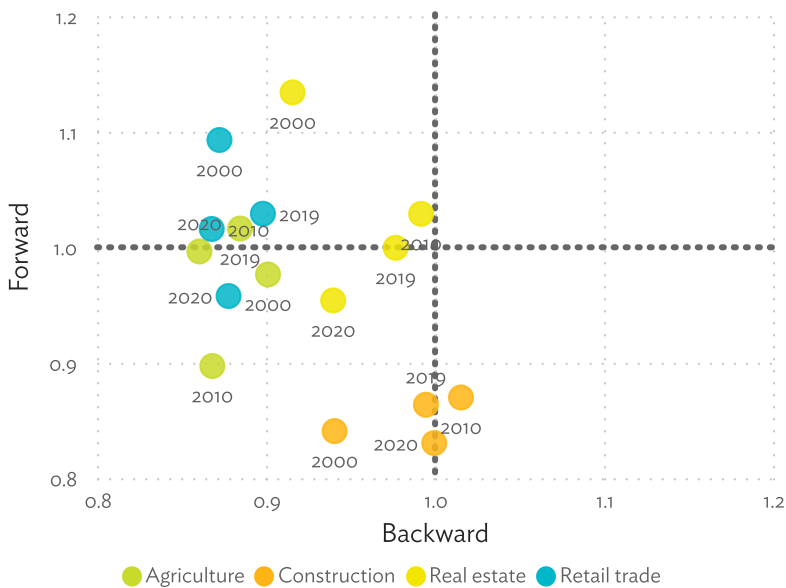


Imports and Exports, 2019-2020 (\$ million)

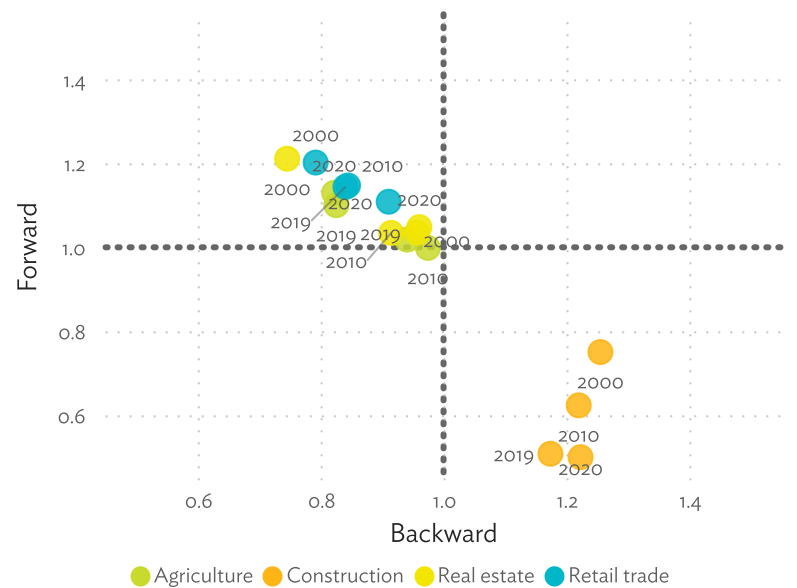


Domestic Linkages

Normalized Linkages



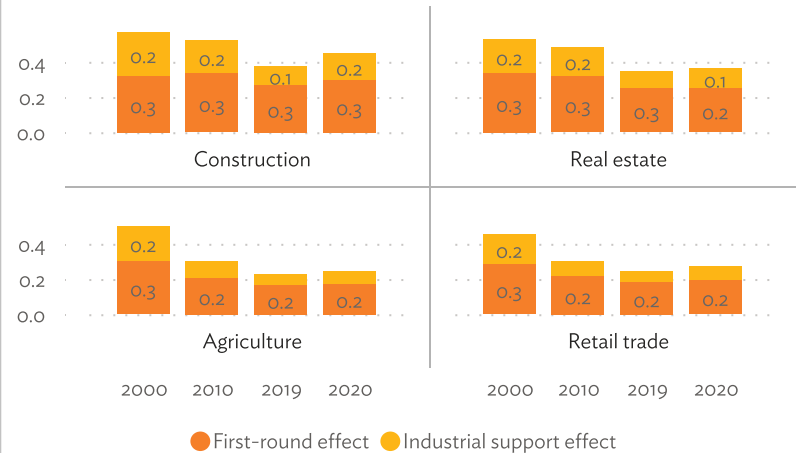
Net Linkages



Value-Added Multipliers

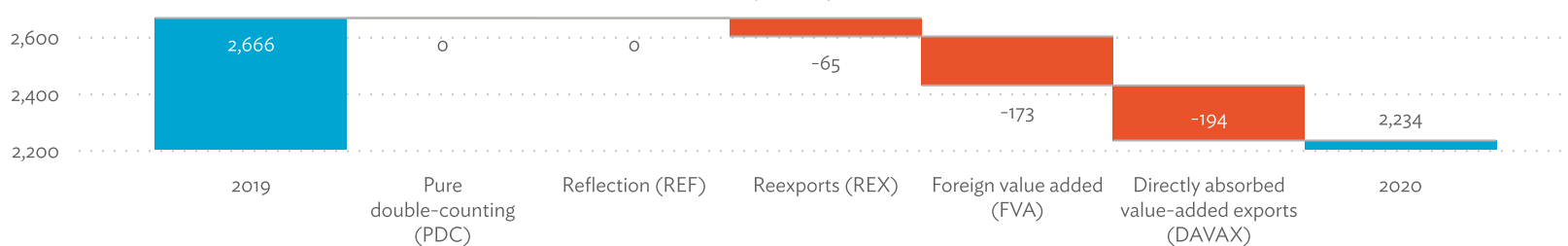


Production-Induced Effect

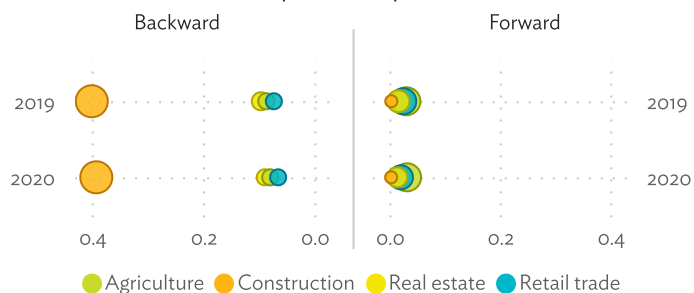


International Linkages

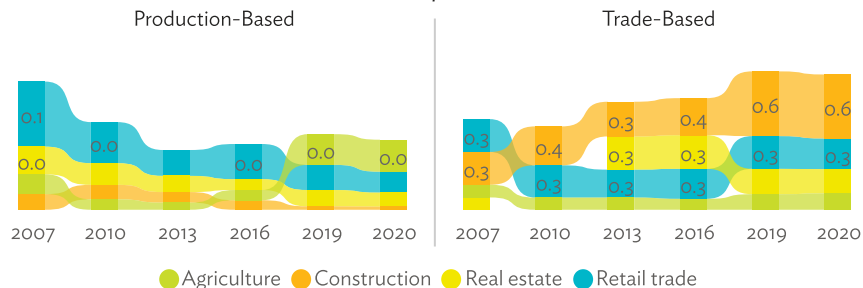
Change in Exports, by Value-Added Components, 2019-2020
(\$ million)



Import Multipliers



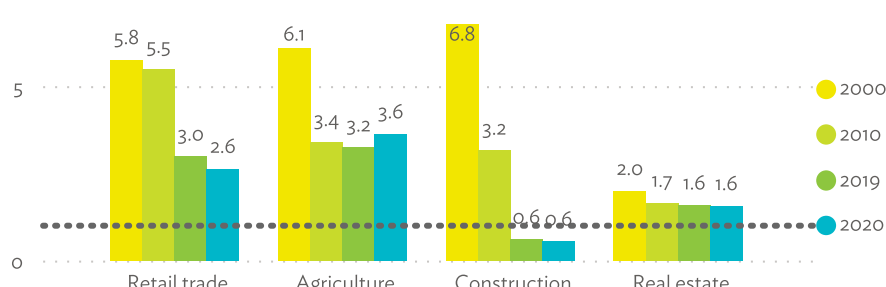
GVC Participation Rates



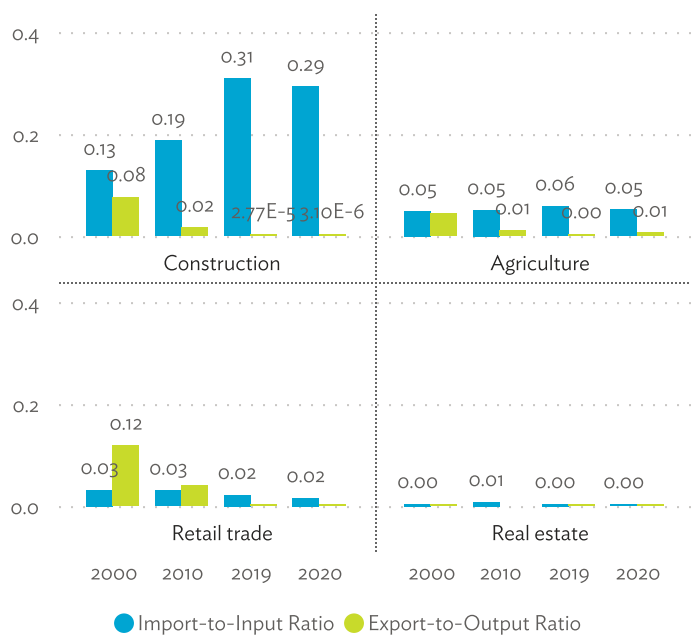
Average Production Length



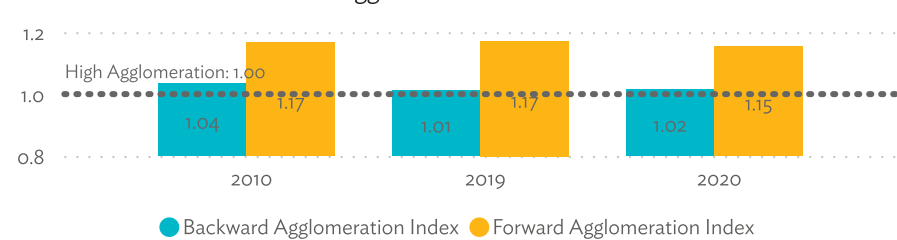
New Revealed Comparative Advantage



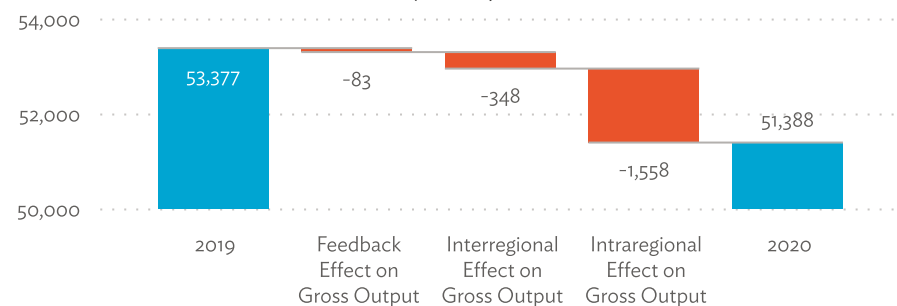
Trade Orientation



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).