

Economic Aggregates (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price	14,612	33,083	50,928	69,286	74,506	78,153	76,057
Gross output	23,194	58,429	86,741	126,019	124,339	130,241	124,716
Total intermediate inputs	8,018	23,724	33,935	54,946	47,417	49,969	46,997
Taxes less subsidies on products	564	1,623	1,878	1,786	2,417	2,120	1,661
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	10,160	19,664	33,850	44,580	48,250	51,479	51,740
Final consumption expenditure by NPISHs	0	0	0	0	0	0	0
Government final consumption expenditure	1,684	5,270	4,760	5,700	6,853	7,787	8,263
Gross fixed capital formation	2,529	7,386	9,652	16,120	15,908	17,957	16,651
Changes in inventories	2	864	2,425	2,236	2,470	-171	-133
Total final demand	14,375	33,184	50,687	68,636	73,481	77,052	76,522
Exports	4,661	7,518	10,245	12,231	14,365	14,620	10,069
Imports	6,532	10,566	14,718	19,034	20,923	19,764	15,197

Economic Aggregates, Top 3 Sectors (\$ million)	2000	2007	2010	2013	2016	2019	2020
<b>Value-added at basic price</b>							
Inland transport	1,595	3,246	5,507	8,592	9,226	9,031	8,198
Personal services, NEC	1,410	2,571	5,378	7,403	8,036	8,397	7,912
Agriculture	2,908	2,860	4,820	5,760	6,120	6,333	6,746
<b>Gross output</b>							
Personal services, NEC	2,661	6,596	9,822	14,614	15,416	16,106	15,177
Inland transport	2,658	5,797	9,507	15,814	16,689	16,334	14,827
Construction	5,414	4,308	7,000	12,270	12,738	12,476	10,881
<b>Total intermediate inputs</b>							
Personal services, NEC	1,154	3,737	4,196	6,932	7,003	7,377	7,002
Inland transport	998	2,306	3,683	7,001	7,163	7,056	6,441
Construction	2,659	2,254	3,756	6,382	5,919	5,860	5,159
<b>Total final demand</b>							
Personal services, NEC	1,190	3,687	7,894	10,847	11,868	12,764	12,055
Construction	5,251	3,999	6,488	11,167	11,626	11,721	10,116
Inland transport	1,361	3,296	5,719	7,839	8,441	10,213	9,474
<b>Exports</b>							
Textiles	126	1,891	2,978	2,927	3,097	4,577	3,750
Business activities, NEC	89	140	236	149	212	2,617	1,871
Food and beverages	92	925	1,527	2,220	2,281	960	784
<b>Imports</b>							
Refined fuels	633	1,297	2,059	2,214	2,075	1,853	1,678
Transport equipment	835	722	1,453	2,568	2,663	1,965	1,647
Chemicals	629	631	1,110	1,787	2,073	1,862	1,620

## Domestic Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
<b>First-round effect</b>							
Paper	0.03	0.30	0.29	0.53	0.58	0.59	0.61
Textiles	0.09	0.30	0.34	0.49	0.46	0.47	0.49
Leather	0.07	0.38	0.44	0.53	0.44	0.45	0.47
<b>Industrial support effect</b>							
Paper	0.01	0.12	0.11	0.41	0.42	0.43	0.45
Textiles	0.02	0.12	0.13	0.34	0.27	0.27	0.29
Leather	0.01	0.18	0.22	0.39	0.24	0.24	0.26
<b>Production-induced effect</b>							
Paper	0.03	0.42	0.40	0.94	1.00	1.02	1.06
Textiles	0.11	0.42	0.47	0.83	0.73	0.74	0.78
Leather	0.09	0.56	0.66	0.92	0.68	0.68	0.73

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
<b>Simple value-added multiplier</b>							
Education	0.99	0.97	0.97	0.99	0.99	0.99	0.99
Public administration	0.97	0.92	0.98	0.97	0.98	0.98	0.98
Real estate	0.91	0.96	0.95	0.95	0.95	0.95	0.96
<b>Type I value-added multiplier</b>							
Paper	1.03	1.52	1.49	2.34	2.62	2.66	2.81
Refined fuels	1.34	1.99	1.52	6.29	5.10	2.09	2.37
Textiles	1.13	1.51	1.65	2.00	1.92	1.95	2.01
<b>Direct backward linkage</b>							
Paper	0.03	0.30	0.29	0.53	0.58	0.59	0.61
Textiles	0.09	0.30	0.34	0.49	0.46	0.47	0.49
Leather	0.07	0.38	0.44	0.53	0.44	0.45	0.47
<b>Complete hypothetical extraction (backward)</b>							
Water transport	1.52	1.18	1.02	1.66	1.68	1.67	1.68
Hotels and restaurants	1.37	1.56	1.59	1.72	1.62	1.61	1.64
Telecommunications	1.37	1.50	1.64	1.73	1.53	1.51	1.61
<b>Partial hypothetical extraction (backward)</b>							
Paper	0.03	0.37	0.34	0.67	0.69	0.69	0.73
Water transport	0.52	0.18	0.02	0.66	0.68	0.67	0.68
Telecommunications	0.40	0.51	0.66	0.77	0.57	0.54	0.64
<b>Total backward linkage</b>							
Paper	1.03	1.42	1.40	1.94	2.00	2.02	2.06
Textiles	1.11	1.42	1.47	1.83	1.73	1.74	1.78
Leather	1.09	1.56	1.66	1.92	1.68	1.68	1.73
<b>Direct forward linkage</b>							
Refined fuels	0.78	0.56	0.62	0.79	0.72	0.90	0.89
Utilities	0.49	0.71	0.80	0.87	0.83	0.79	0.78
Paper	0.69	0.75	0.79	0.98	0.79	0.77	0.77
<b>Complete hypothetical extraction (forward)</b>							
Utilities	1.57	1.96	2.10	2.31	2.14	2.08	2.11
Refined fuels	1.97	1.81	1.92	1.60	1.78	2.00	2.02
Chemicals	1.85	1.76	1.93	2.41	2.07	1.94	1.95
<b>Partial hypothetical extraction (forward)</b>							
Refined fuels	0.97	0.82	0.93	1.01	0.96	1.20	1.21
Utilities	0.65	1.05	1.17	1.38	1.21	1.13	1.16
Chemicals	0.85	0.90	1.03	1.50	1.12	0.99	1.00
<b>Total forward linkage</b>							
Refined fuels	1.97	1.82	1.93	2.72	2.18	2.51	2.50
Paper	1.95	2.30	2.31	2.99	2.48	2.42	2.45
Utilities	1.70	2.14	2.26	2.47	2.29	2.19	2.23
<b>Normalized backward linkage</b>							
Paper	0.85	1.01	1.01	1.25	1.45	1.46	1.45
Textiles	0.91	1.01	1.07	1.18	1.25	1.26	1.25
Leather	0.89	1.11	1.21	1.24	1.22	1.22	1.22
<b>Normalized forward linkage</b>							
Refined fuels	1.40	1.22	1.27	1.61	1.43	1.73	1.67
Paper	1.39	1.54	1.53	1.77	1.63	1.67	1.64
Utilities	1.21	1.43	1.49	1.46	1.50	1.51	1.49
<b>Net backward linkage</b>							
Water transport	1.52	0.70	0.61	1.22	1.41	1.66	1.68
Hotels and restaurants	1.28	1.04	1.43	1.59	1.51	1.54	1.53
Construction	1.26	1.51	1.58	1.47	1.35	1.40	1.42
<b>Net forward linkage</b>							
Wholesale trade	1.21	1.29	1.45	1.51	1.29	1.48	1.52
Finance	1.39	1.56	1.57	1.49	1.34	1.33	1.34
Mining	1.23	1.84	1.75	1.35	1.25	1.32	1.32

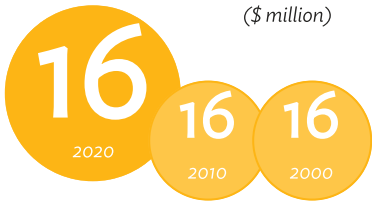
Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
<b>Self-sufficiency ratio</b>							
Business activities, NEC	1.07	0.82	0.93	0.99	1.01	6.92	2.55
Rubber and plastics	0.11	1.12	1.20	1.12	1.21	1.49	1.46
Textiles	0.66	1.42	1.42	1.35	1.44	1.52	1.43
<b>Import-to-input ratio</b>							
Metals	0.23	0.31	0.28	0.38	0.52	0.52	0.50
Electricals	0.53	0.22	0.18	0.33	0.43	0.41	0.37
Refined fuels	0.62	0.46	0.67	0.16	0.52	0.40	0.36
<b>Export-to-output ratio</b>							
Water transport	1.00	0.44	0.15	0.11	0.10	0.99	1.00
Machinery, NEC	0.44	0.25	0.35	0.06	0.06	0.99	0.74
Business activities, NEC	0.21	0.13	0.14	0.06	0.09	0.99	0.71
<b>Domestic inputs share to output</b>							
Paper	0.03	0.30	0.29	0.53	0.58	0.59	0.61
Textiles	0.09	0.30	0.34	0.49	0.46	0.47	0.49
Leather	0.07	0.38	0.44	0.53	0.44	0.45	0.47
<b>Foreign inputs share to output</b>							
Metals	0.23	0.31	0.28	0.38	0.52	0.52	0.50
Electricals	0.53	0.22	0.18	0.33	0.43	0.41	0.37
Refined fuels	0.62	0.46	0.67	0.16	0.52	0.40	0.36
<b>Backward import multipliers</b>							
Metals	0.23	0.38	0.35	0.44	0.52	0.53	0.52
Refined fuels	0.64	0.49	0.69	0.35	0.68	0.53	0.48
Machinery, NEC	0.11	0.27	0.26	0.41	0.47	0.47	0.42
<b>Forward import multipliers</b>							
Water transport	0.76	0.41	0.17	0.12	0.10	0.72	0.72
Business activities, NEC	0.29	0.17	0.16	0.07	0.11	0.81	0.59
Rubber and plastics	0.20	0.42	0.26	0.18	0.22	0.46	0.38
<b>Intraregional transfer multiplier</b>							
Paper	1.03	1.42	1.40	1.94	2.00	2.02	2.06
Textiles	1.11	1.42	1.47	1.83	1.73	1.74	1.78
Leather	1.09	1.56	1.66	1.92	1.68	1.68	1.73
<b>Interregional spillover multiplier</b>							
Metals	1.40	1.58	1.53	1.76	2.13	2.13	2.13
Electricals	1.94	1.40	1.34	1.70	1.93	1.88	1.82
Transport equipment	1.90	1.41	1.44	1.71	1.92	1.81	1.79
<b>Interregional feedback multiplier</b>							
Metals	1.16	1.22	1.23	1.30	1.36	1.31	1.31
Electricals	1.34	1.16	1.13	1.24	1.28	1.24	1.21
Machinery, NEC	1.07	1.17	1.16	1.26	1.27	1.22	1.19
<b>Intraregional effect on gross output (\$ million)</b>							
Personal services, NEC	2,022.47	6,333.92	9,697.95	14,194.36	14,901.75	15,821.51	15,009.10
Inland transport	2,111.59	5,086.83	8,527.20	14,199.31	14,346.40	15,757.88	14,558.34
Construction	5,383.59	4,231.14	6,857.15	12,215.70	12,671.71	12,443.88	10,865.44
<b>Interregional effect on gross output (\$ million)</b>							
Business activities, NEC	105.25	144.35	197.19	148.60	180.43	1,703.38	1,257.12
Agriculture	573.72	311.19	382.58	456.11	437.34	615.35	490.67
Rubber and plastics	3.42	207.75	243.18	212.61	265.55	466.96	355.87
<b>Feedback effect on gross output (\$ million)</b>							
Business activities, NEC	17.54	47.60	66.63	44.27	56.49	426.84	281.73
Agriculture	89.47	63.04	90.42	96.44	90.44	151.23	102.85
Rubber and plastics	0.77	66.94	85.55	60.27	68.49	139.69	101.18
<b>Directly absorbed value-added exports (DAVAX) (\$ million)</b>							
Textiles	74.81	1,211.56	1,923.16	2,204.10	2,309.17	3,711.84	3,133.17
Business activities, NEC	57.15	75.99	141.47	97.13	135.88	1,719.05	1,288.82
Food and beverages	65.82	705.26	1,184.14	1,761.65	1,798.77	710.90	627.37
<b>Reflection (REF) (\$ million)</b>							
Business activities, NEC	0.02	0.07	0.13	0.06	0.08	0.69	0.42
Food and beverages	0.02	0.12	0.13	0.24	0.30	0.34	0.26
Agriculture	0.23	0.31	0.15	0.14	0.15	0.16	0.15

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
<b>Reexports (REX) (\$ million)</b>							
Business activities, NEC	15.21	46.29	73.38	34.05	50.27	579.90	390.82
Rubber and plastics	0.34	109.19	120.37	84.19	91.84	184.97	142.11
Agriculture	172.63	70.19	74.16	70.15	72.37	158.37	118.98
<b>Foreign value added (FVA) (\$ million)</b>							
Textiles	43.67	500.81	839.89	511.44	556.70	789.18	562.10
Business activities, NEC	16.45	17.64	20.93	18.06	25.29	317.62	190.99
Rubber and plastics	0.76	47.58	75.59	61.77	97.93	109.43	86.52
<b>Pure double-counting (PDC) (\$ million)</b>							
Textiles	0.01	1.15	0.40	0.14	0.16	0.13	0.07
Business activities, NEC	0.00	0.00	0.00	0.00	0.01	0.05	0.02
Electricals	0.00	0.01	0.01	0.00	0.01	0.01	0.01
<b>Trade-based GVC participation rate</b>							
Metals	0.36	0.50	0.43	0.51	0.58	0.62	0.61
Electricals	0.63	0.46	0.32	0.42	0.52	0.63	0.60
Machinery, NEC	0.28	0.30	0.28	0.45	0.53	0.60	0.54
<b>Production-based GVC participation rate</b>							
Water transport	0.76	0.41	0.17	0.12	0.10	0.72	0.72
Business activities, NEC	0.29	0.17	0.16	0.07	0.11	0.81	0.59
Rubber and plastics	0.20	0.42	0.26	0.18	0.22	0.46	0.38
<b>Trade-based backward GVC participation rate</b>							
Metals	0.23	0.38	0.35	0.44	0.52	0.53	0.52
Refined fuels	0.64	0.49	0.69	0.35	0.68	0.53	0.48
Machinery, NEC	0.11	0.27	0.26	0.41	0.47	0.47	0.42
<b>Trade-based forward GVC participation rate</b>							
Transport activities, NEC	0.17	0.22	0.00	0.32	0.29	0.28	0.39
Leather	0.10	0.02	0.04	0.05	0.04	0.45	0.35
Water transport	0.12	0.36	0.36	0.33	0.34	0.36	0.33
<b>Traditional revealed comparative advantage</b>							
Textiles	0.60	7.24	9.11	7.27	6.51	10.22	10.89
Real estate	0.15	0.00	0.00	0.08	0.08	6.07	3.25
Hotels and restaurants	2.75	0.02	0.02	4.37	3.39	5.20	3.15
<b>New revealed comparative advantage</b>							
Textiles	0.82	8.59	10.41	8.66	7.40	12.43	13.79
Food and beverages	1.09	3.96	4.53	5.73	5.40	2.58	2.60
Air transport	0.15	1.69	0.88	1.56	1.70	3.60	2.18
<b>Backward production length</b>							
Refined fuels	2.44	2.55	2.59	3.41	3.29	2.73	2.86
Machinery, NEC	1.31	2.11	2.18	2.72	2.76	2.67	2.67
Metals	1.67	2.43	2.46	2.70	2.61	2.57	2.62
<b>Forward production length</b>							
Water transport	2.84	2.65	1.95	1.72	1.49	2.94	2.94
Paper	2.72	2.90	2.76	3.11	2.99	2.78	2.74
Refined fuels	2.64	2.27	2.53	3.04	2.41	2.61	2.58
<b>Backward production length of GVC segment</b>							
Water transport	3.64	3.90	3.73	5.42	4.88	4.63	4.96
Education	4.19	4.21	3.90	5.23	4.88	4.52	4.78
Transport activities, NEC	3.71	4.01	3.91	4.84	4.73	4.39	4.66
<b>Forward production length of GVC segment</b>							
Health and social work	4.15	4.55	5.21	4.83	4.62	4.72	4.82
Refined fuels	3.72	3.52	3.45	4.52	4.10	4.87	4.78
Construction	3.74	3.22	3.13	4.18	3.97	4.21	4.65
<b>Backward agglomeration index</b>							
Leather	-	1.65	1.88	1.93	1.69	2.19	2.43
Rubber and plastics	-	1.33	1.20	1.58	1.36	2.96	2.22
Manufacturing, NEC	-	1.43	1.47	1.88	1.67	1.72	1.77
<b>Forward agglomeration index</b>							
Mining	-	1.95	2.09	2.02	1.91	2.48	2.28
Leather	-	1.64	1.83	1.84	1.67	1.76	2.00
Manufacturing, NEC	-	1.19	1.32	1.75	1.63	1.56	1.74

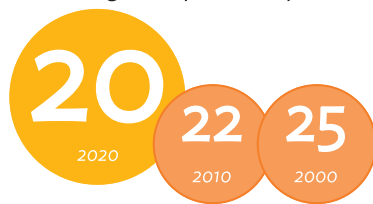
CIF = cost, insurance, and freight; FOB = free on board; GVC = global value chain; NEC = not elsewhere classified; NPISHs = nonprofit institutions serving households.  
Source: Calculations using the Asian Development Bank Multiregional Input-Output Table. <https://mrio.adb.org/> (accessed July 2021).

## Economy Ranking out of 25 Economies

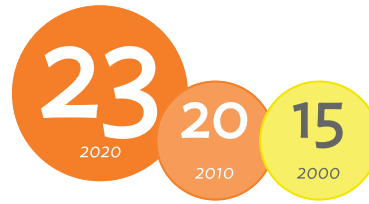
Value-Added at Basic Prices  
(\$ million)



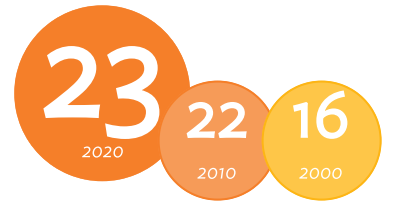
Average Output Multiplier



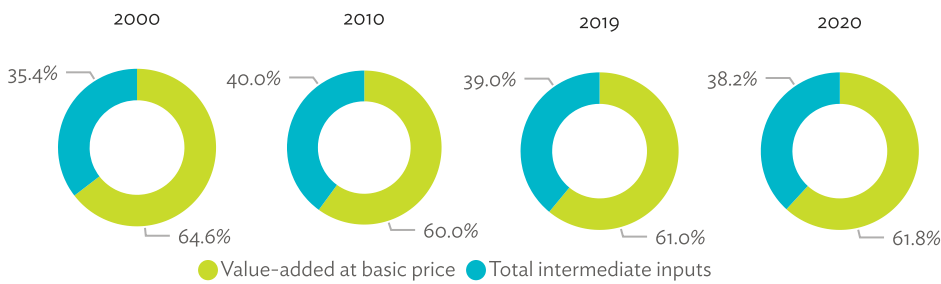
Trade Openness



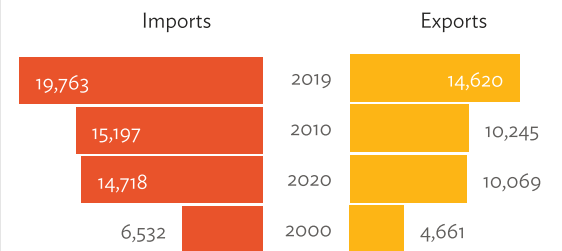
Trade-Based GVC Participation



Share of Intermediate Consumption and Gross Value-Added in Output

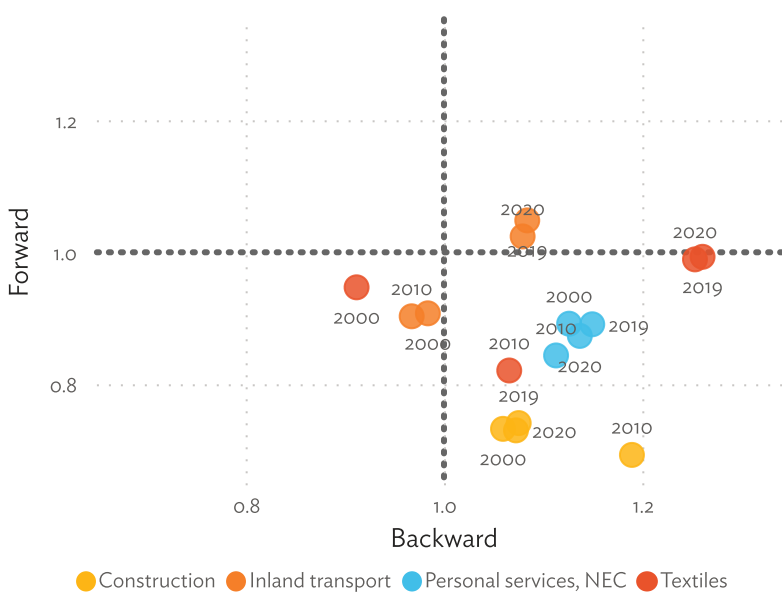


Imports and Exports, 2019-2020  
(\$ million)

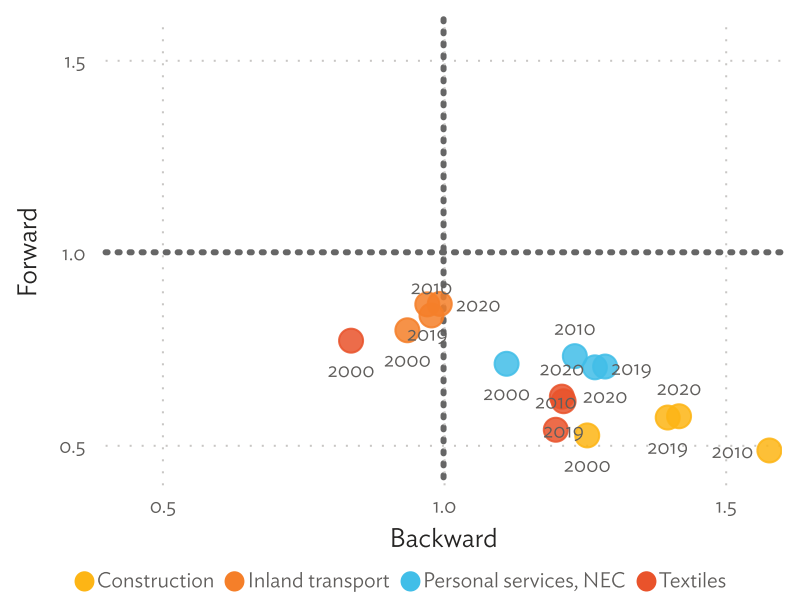


## Domestic Linkages

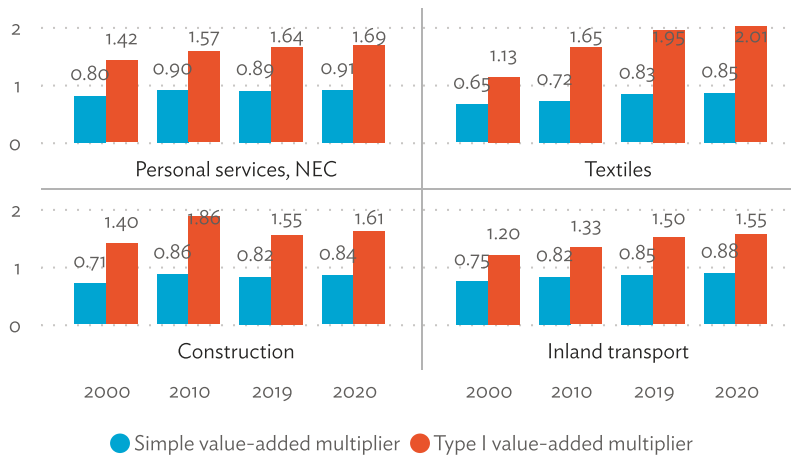
Normalized Linkages



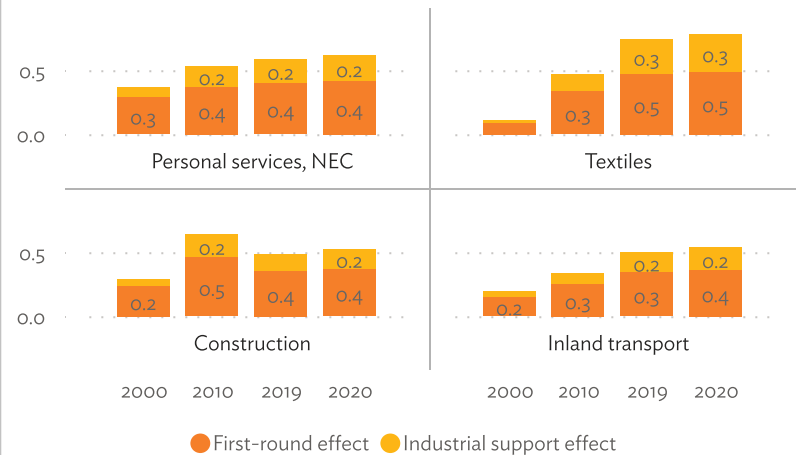
Net Linkages



Value-Added Multipliers

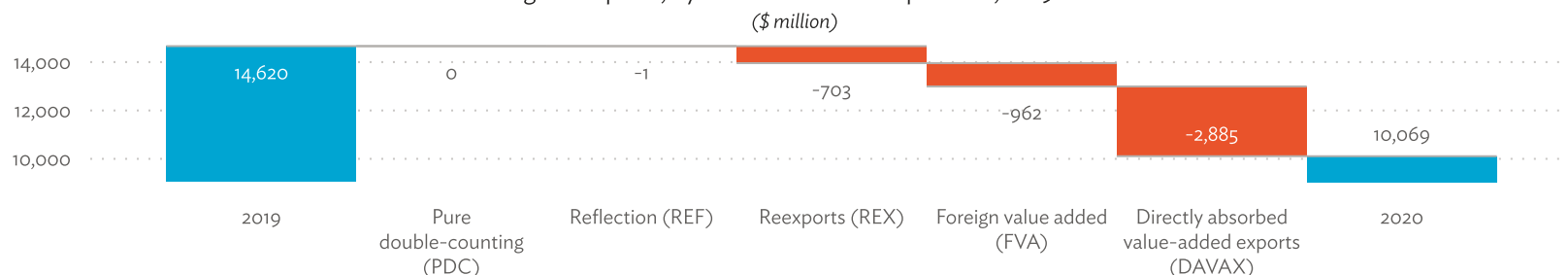


Production-Induced Effect

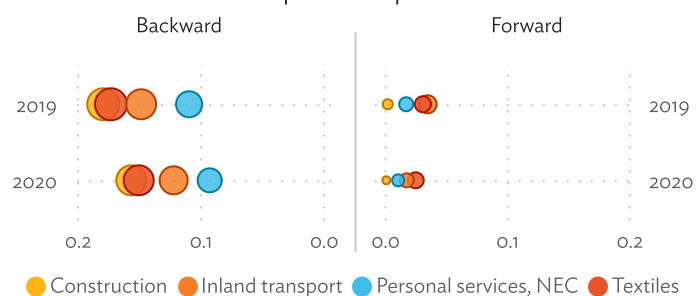


## International Linkages

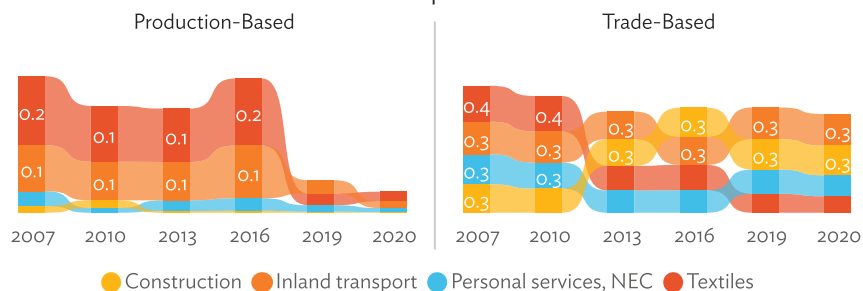
Change in Exports, by Value-Added Components, 2019-2020



Import Multipliers



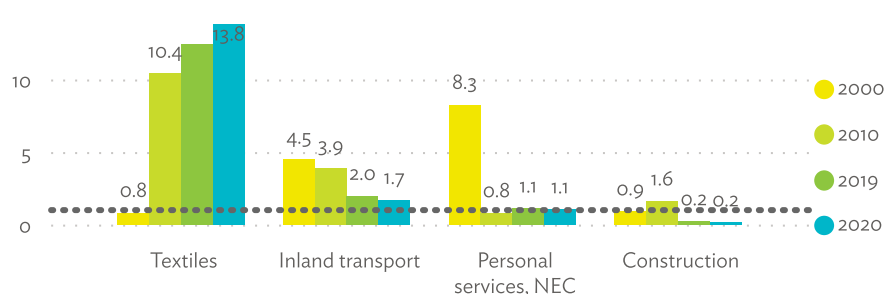
GVC Participation Rates



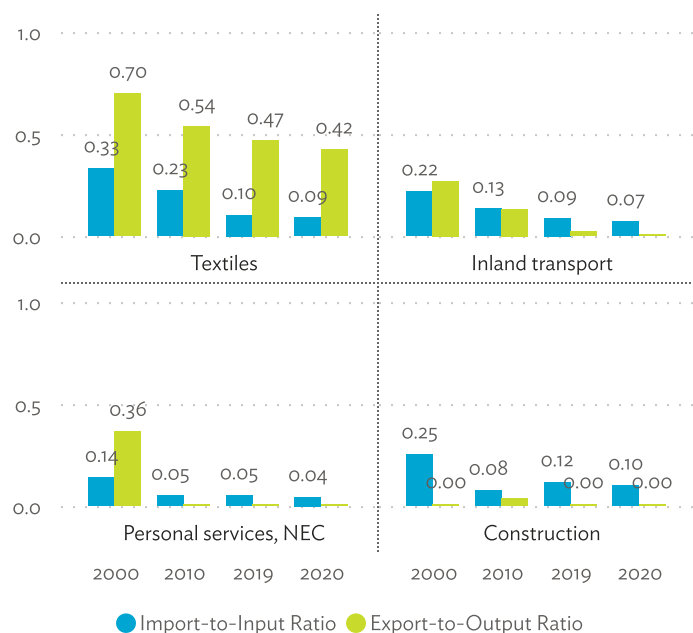
Average Production Length



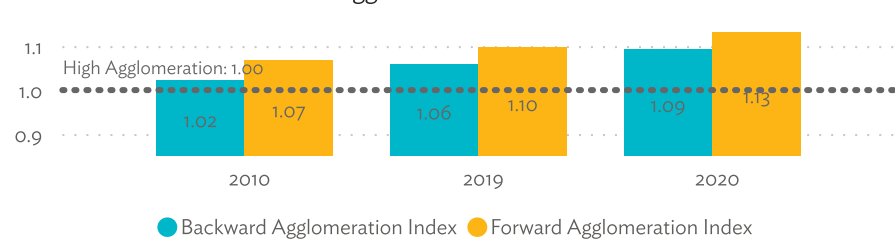
New Revealed Comparative Advantage



Trade Orientation



Agglomeration Indices



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

