

Philippines

Southeast Asia and the Pacific

Basic Economic Indicators

Economic Aggregates (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price	91,916	149,360	199,591	271,836	304,889	359,773	345,133
Gross output	170,188	301,496	397,306	529,886	592,060	694,378	647,899
Total intermediate inputs	78,272	152,136	197,716	258,050	287,170	334,605	302,767
Taxes less subsidies on products	0	0	0	0	0	0	0
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	56,244	95,888	129,790	181,257	201,848	235,184	239,302
Final consumption expenditure by NPISHs	2,960	0	0	0	0	0	0
Government final consumption expenditure	9,919	13,030	18,351	27,969	31,462	41,079	48,838
Gross fixed capital formation	11,212	22,412	35,133	47,564	60,495	74,750	55,483
Changes in inventories	1,160	-6,118	-2,065	-1,051	-2,100	-4,931	-13,999
Total final demand	81,495	125,213	181,208	255,740	291,705	346,083	329,624
Exports	26,395	64,540	52,542	57,568	65,588	82,158	69,913
Imports	25,625	64,687	56,161	69,012	90,052	121,939	95,456

Economic Aggregates, Top 3 Sectors (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price							
Retail trade	8,156	18,605	26,603	37,472	43,199	52,221	52,202
Finance	4,460	9,744	13,798	20,509	24,456	31,730	35,725
Business activities, NEC	2,223	12,501	17,739	25,053	32,783	35,030	34,222
Gross output							
Food and beverages	20,311	43,929	61,168	85,458	96,104	103,541	103,224
Retail trade	12,280	26,282	38,515	54,147	62,661	75,770	75,741
Business activities, NEC	3,964	20,098	28,520	40,205	52,482	56,097	54,803
Total intermediate inputs							
Food and beverages	13,811	29,613	41,234	57,601	65,001	70,051	69,837
Electricals	7,530	23,385	28,868	29,223	28,132	33,405	27,831
Retail trade	4,123	7,676	11,913	16,676	19,463	23,548	23,540
Total final demand							
Food and beverages	12,309	23,974	34,200	48,553	52,218	62,642	64,714
Construction	6,012	13,138	21,751	29,644	38,077	51,697	41,233
Retail trade	7,245	10,978	16,960	22,199	26,113	35,632	36,632
Exports							
Electricals	9,756	23,911	15,773	15,400	14,307	25,891	22,364
Business activities, NEC	401	8,464	10,815	12,863	16,716	19,973	15,595
Hotels and restaurants	1,611	2,520	3,412	4,401	5,204	4,848	3,884
Imports							
Electricals	3,677	19,795	12,168	13,975	19,904	22,845	20,283
Refined fuels	711	3,444	3,859	8,129	11,477	16,395	13,496
Food and beverages	1,750	4,132	4,705	7,003	8,436	12,835	9,764

Domestic Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
First-round effect							
Paper	0.50	0.58	0.58	0.66	0.66	0.65	0.66
Wood	0.51	0.57	0.60	0.63	0.63	0.63	0.64
Food and beverages	0.62	0.62	0.63	0.63	0.63	0.62	0.63
Industrial support effect							
Hotels and restaurants	0.46	0.45	0.51	0.53	0.54	0.53	0.53
Paper	0.36	0.32	0.36	0.50	0.52	0.50	0.47
Food and beverages	0.32	0.36	0.40	0.43	0.44	0.44	0.43
Production-induced effect							
Paper	0.86	0.90	0.95	1.16	1.18	1.15	1.13
Hotels and restaurants	1.04	1.02	1.09	1.10	1.11	1.10	1.10
Food and beverages	0.94	0.98	1.03	1.06	1.07	1.06	1.05

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Simple value-added multiplier							
Real estate	0.97	0.96	0.96	0.97	0.97	0.96	0.97
Public administration	0.92	0.95	0.96	0.96	0.96	0.95	0.96
Finance	0.90	0.94	0.95	0.96	0.95	0.95	0.96
Type I value-added multiplier							
Transport equipment	2.19	3.09	3.40	3.39	3.29	3.23	3.34
Paper	2.05	2.93	2.98	3.28	3.24	3.17	3.16
Wood	2.03	2.62	2.72	2.87	2.90	2.85	2.86
Direct backward linkage							
Paper	0.50	0.58	0.58	0.66	0.66	0.65	0.66
Wood	0.51	0.57	0.60	0.63	0.63	0.63	0.64
Food and beverages	0.62	0.62	0.63	0.63	0.63	0.62	0.63
Complete hypothetical extraction (backward)							
Hotels and restaurants	2.04	1.98	2.04	2.05	2.05	2.03	2.04
Wood	1.47	1.82	1.87	1.97	1.98	1.97	1.96
Manufacturing, NEC	1.57	1.45	1.70	1.96	1.94	1.91	1.91
Partial hypothetical extraction (backward)							
Hotels and restaurants	1.04	1.00	1.06	1.08	1.08	1.06	1.07
Wood	0.68	0.83	0.89	0.99	0.99	0.98	0.96
Paper	0.60	0.79	0.83	0.99	0.98	0.97	0.94
Total backward linkage							
Paper	1.86	1.90	1.95	2.16	2.18	2.15	2.13
Hotels and restaurants	2.04	2.02	2.09	2.10	2.11	2.10	2.10
Food and beverages	1.94	1.98	2.03	2.06	2.07	2.06	2.05
Direct forward linkage							
Refined fuels	0.77	0.75	0.82	0.80	0.79	0.88	0.97
Minerals, NEC	0.87	0.28	0.59	0.63	0.71	0.92	0.97
Sale of motor vehicles	0.28	0.91	0.82	0.81	0.75	0.94	0.93
Complete hypothetical extraction (forward)							
Refined fuels	2.18	1.98	2.24	2.18	2.29	2.40	2.44
Mining	3.03	2.57	3.10	3.07	2.90	2.39	2.26
Sale of motor vehicles	1.39	2.09	2.00	1.97	1.88	2.14	2.16
Partial hypothetical extraction (forward)							
Refined fuels	1.25	1.10	1.35	1.30	1.33	1.45	1.56
Sale of motor vehicles	0.40	1.27	1.20	1.17	1.07	1.34	1.35
Paper	1.07	0.88	1.08	1.24	1.24	1.24	1.28
Total forward linkage							
Refined fuels	2.35	2.24	2.51	2.46	2.40	2.53	2.76
Sale of motor vehicles	1.41	2.55	2.49	2.47	2.32	2.66	2.66
Paper	2.51	2.00	2.23	2.45	2.49	2.48	2.52
Normalized backward linkage							
Paper	1.16	1.21	1.17	1.28	1.32	1.33	1.30
Hotels and restaurants	1.28	1.28	1.25	1.24	1.28	1.30	1.29
Food and beverages	1.22	1.26	1.22	1.22	1.26	1.27	1.26
Normalized forward linkage							
Refined fuels	1.39	1.41	1.47	1.48	1.45	1.58	1.72
Sale of motor vehicles	0.83	1.61	1.47	1.48	1.40	1.66	1.65
Paper	1.49	1.27	1.31	1.47	1.51	1.54	1.57
Net backward linkage							
Transport equipment	1.27	1.80	1.98	1.96	1.89	1.83	1.87
Leather	0.96	0.55	0.81	0.94	1.03	1.66	1.77
Machinery, NEC	1.34	1.87	1.82	1.66	1.68	1.64	1.72
Net forward linkage							
Mining	1.96	1.79	2.18	2.14	2.04	1.68	1.59
Utilities	1.48	1.82	1.62	1.62	1.62	1.62	1.56
Sale of motor vehicles	0.78	1.48	1.44	1.43	1.34	1.54	1.54

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Self-sufficiency ratio							
Water transport	0.43	0.47	0.52	0.67	0.62	1.38	4.81
Business activities, NEC	0.90	1.65	1.57	1.41	1.42	1.50	1.36
Hotels and restaurants	1.33	1.10	1.32	1.24	1.20	1.08	1.19
Import-to-input ratio							
Metals	0.19	0.31	0.27	0.29	0.37	0.41	0.37
Electricals	0.15	0.47	0.22	0.26	0.33	0.36	0.33
Refined fuels	0.49	0.43	0.39	0.40	0.51	0.56	0.27
Export-to-output ratio							
Water transport	0.15	0.18	0.11	0.06	0.06	0.99	1.00
Leather	0.28	0.83	0.70	0.17	0.20	0.92	1.00
Air transport	0.08	0.11	0.08	0.06	0.06	0.27	0.70
Domestic inputs share to output							
Paper	0.50	0.58	0.58	0.66	0.66	0.65	0.66
Wood	0.51	0.57	0.60	0.63	0.63	0.63	0.64
Food and beverages	0.62	0.62	0.63	0.63	0.63	0.62	0.63
Foreign inputs share to output							
Metals	0.19	0.31	0.27	0.29	0.37	0.41	0.37
Electricals	0.15	0.47	0.22	0.26	0.33	0.36	0.33
Refined fuels	0.49	0.43	0.39	0.40	0.51	0.56	0.27
Backward import multipliers							
Metals	0.28	0.44	0.40	0.42	0.48	0.53	0.48
Electricals	0.22	0.57	0.38	0.43	0.50	0.50	0.48
Chemicals	0.22	0.35	0.32	0.24	0.22	0.24	0.39
Forward import multipliers							
Water transport	0.06	0.09	0.06	0.03	0.04	0.84	0.86
Electricals	0.65	0.76	0.47	0.47	0.41	0.56	0.61
Mining	0.22	0.45	0.23	0.21	0.21	0.43	0.54
Intraregional transfer multiplier							
Paper	1.86	1.90	1.95	2.16	2.18	2.15	2.13
Hotels and restaurants	2.04	2.02	2.09	2.10	2.11	2.10	2.10
Food and beverages	1.94	1.98	2.03	2.06	2.07	2.06	2.05
Interregional spillover multiplier							
Metals	1.34	1.55	1.50	1.57	1.76	1.84	1.83
Electricals	1.27	1.84	1.40	1.48	1.63	1.72	1.67
Chemicals	1.23	1.41	1.37	1.22	1.20	1.22	1.60
Interregional feedback multiplier							
Electricals	1.09	1.35	1.17	1.20	1.25	1.20	1.18
Metals	1.07	1.15	1.13	1.16	1.21	1.18	1.16
Chemicals	1.06	1.12	1.11	1.07	1.06	1.06	1.13
Intraregional effect on gross output (\$ million)							
Food and beverages	19,184.16	37,835.48	54,879.42	78,108.84	88,264.42	100,028.65	100,159.08
Retail trade	10,223.56	21,689.09	34,418.87	48,656.58	56,793.18	70,410.37	70,691.59
Finance	6,423.90	12,414.23	17,959.33	27,166.85	32,699.11	42,286.04	48,201.34
Interregional effect on gross output (\$ million)							
Electricals	6,017.65	14,736.88	11,025.46	10,839.62	9,211.37	17,365.79	15,965.32
Business activities, NEC	544.00	6,565.18	8,523.50	10,638.27	13,843.80	14,964.34	12,163.97
Retail trade	1,513.95	3,484.86	3,045.16	4,087.26	4,429.00	4,090.62	3,911.39
Feedback effect on gross output (\$ million)							
Electricals	2,987.19	8,130.83	6,228.58	6,675.41	5,449.45	6,084.34	5,410.20
Business activities, NEC	138.93	1,728.91	2,254.74	3,065.33	4,126.40	5,376.50	4,074.54
Retail trade	542.24	1,107.78	1,051.38	1,403.42	1,439.25	1,268.63	1,138.34
Directly absorbed value-added exports (DAVAX) (\$ million)							
Business activities, NEC	265.75	5,547.97	7,200.29	8,532.88	10,881.75	12,395.25	9,886.04
Electricals	4,079.47	5,073.24	5,444.36	4,925.33	4,248.70	8,350.32	7,662.64
Hotels and restaurants	1,317.48	2,024.56	2,796.06	3,609.97	4,212.99	3,872.64	3,146.04
Reflection (REF) (\$ million)							
Business activities, NEC	0.72	10.92	13.07	15.56	28.76	31.70	23.82
Electricals	13.00	25.33	29.86	20.86	25.16	25.80	21.94
Mining	0.18	1.40	0.54	0.63	0.81	5.26	4.42

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Reexports (REX) (\$ million)							
Business activities, NEC	86.58	2,267.59	2,924.22	3,558.46	4,749.05	6,185.12	4,764.71
Electricals	3,479.68	5,127.70	4,264.56	3,802.64	2,884.79	4,453.61	3,943.50
Metals	130.48	471.97	249.12	311.09	376.89	451.51	471.38
Foreign value added (FVA) (\$ million)							
Electricals	2,174.05	13,566.24	5,994.34	6,619.15	7,113.66	13,018.46	10,703.97
Metals	163.82	1,210.52	558.14	689.11	1,033.35	1,282.70	1,206.55
Business activities, NEC	48.16	635.76	676.02	755.36	1,054.66	1,358.45	919.58
Pure double-counting (PDC) (\$ million)							
Electricals	10.29	118.01	39.95	32.41	34.75	42.49	32.21
Metals	0.15	1.31	0.38	0.47	0.98	1.35	1.33
Business activities, NEC	0.06	1.57	1.12	1.13	1.85	1.98	1.31
Trade-based GVC participation rate							
Refined fuels	0.73	0.67	0.71	0.70	0.74	0.78	0.69
Metals	0.51	0.61	0.58	0.61	0.66	0.71	0.67
Electricals	0.58	0.79	0.65	0.68	0.70	0.68	0.66
Production-based GVC participation rate							
Water transport	0.06	0.09	0.06	0.03	0.04	0.84	0.86
Electricals	0.65	0.76	0.47	0.47	0.41	0.56	0.61
Mining	0.22	0.45	0.23	0.21	0.21	0.43	0.54
Trade-based backward GVC participation rate							
Metals	0.28	0.44	0.40	0.42	0.48	0.53	0.48
Electricals	0.22	0.57	0.38	0.43	0.50	0.50	0.48
Chemicals	0.22	0.35	0.32	0.24	0.22	0.24	0.39
Trade-based forward GVC participation rate							
Water transport	0.06	0.12	0.12	0.13	0.20	0.36	0.39
Transport activities, NEC	0.30	0.24	0.30	0.32	0.31	0.39	0.37
Refined fuels	0.18	0.15	0.24	0.22	0.18	0.17	0.34
Traditional revealed comparative advantage							
Hotels and restaurants	4.95	3.97	6.00	7.44	6.31	3.55	4.17
Telecommunications	0.92	1.06	2.10	1.74	1.35	3.43	3.41
Business activities, NEC	0.28	2.28	3.21	3.36	3.43	3.05	2.85
New revealed comparative advantage							
Retail trade	3.24	3.96	4.51	5.18	4.91	4.17	4.43
Telecommunications	0.84	1.43	2.07	1.62	1.32	2.40	2.54
Hotels and restaurants	2.18	2.00	2.74	3.31	3.00	1.96	2.20
Backward production length							
Electricals	2.15	3.03	3.10	3.19	3.23	3.07	3.07
Metals	2.32	2.78	2.84	2.93	2.99	2.94	2.98
Machinery, NEC	2.12	3.03	2.75	2.80	2.89	2.86	2.84
Forward production length							
Mining	3.59	3.81	3.75	3.68	3.49	3.74	4.02
Water transport	1.39	1.33	1.35	1.18	1.21	3.25	3.33
Refined fuels	2.75	2.84	2.94	2.79	2.73	2.92	3.27
Backward production length of GVC segment							
Agriculture	4.07	4.27	4.42	4.62	4.64	4.55	4.65
Health and social work	3.98	4.13	4.29	4.57	4.64	4.57	4.65
Paper	4.07	4.05	4.10	4.56	4.60	4.54	4.64
Forward production length of GVC segment							
Utilities	4.88	4.87	5.08	5.15	5.11	5.04	5.14
Retail trade	4.16	4.51	4.79	4.75	4.61	5.02	5.09
Sale of motor vehicles	4.64	4.99	5.39	5.28	5.37	4.96	4.97
Backward agglomeration index							
Rubber and plastics	-	1.13	1.46	1.75	1.67	3.09	2.76
Manufacturing, NEC	-	1.02	1.40	1.70	1.64	1.84	1.72
Textiles	-	1.25	1.55	1.58	1.43	1.54	1.42
Forward agglomeration index							
Manufacturing, NEC	-	1.30	1.51	1.55	1.58	1.83	1.83
Transport equipment	-	1.23	1.55	1.41	1.22	1.60	1.43
Chemicals	-	1.14	1.40	1.56	1.47	1.40	1.41

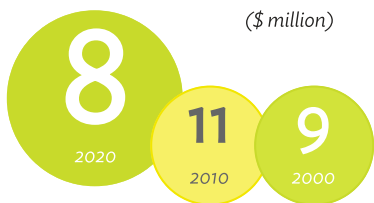
Philippines

Southeast Asia and the Pacific

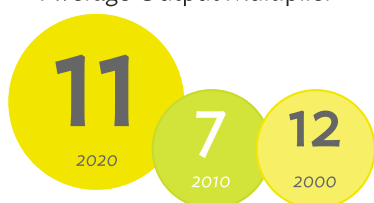
The four select sectors are chosen based on their gross outputs in the economy as of 2019.

Economy Ranking out of 25 Economies

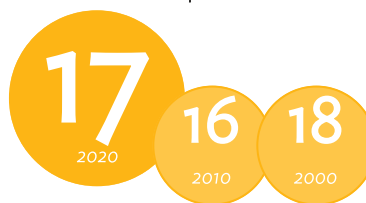
Value-Added at Basic Prices (\$ million)



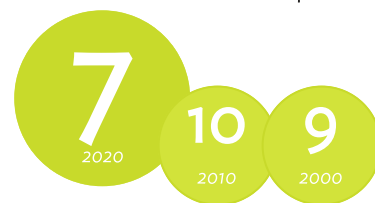
Average Output Multiplier



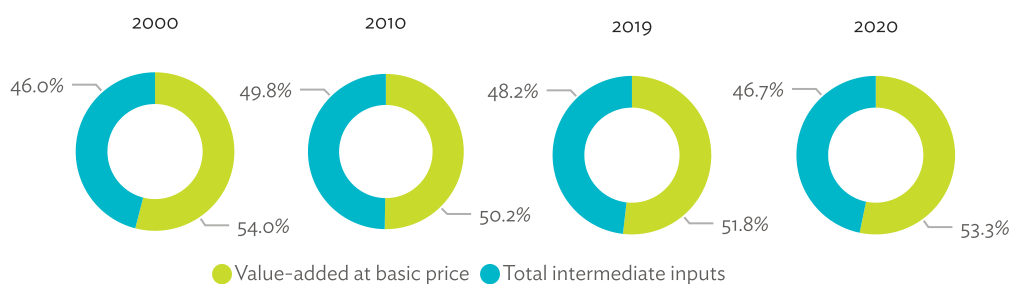
Trade Openness



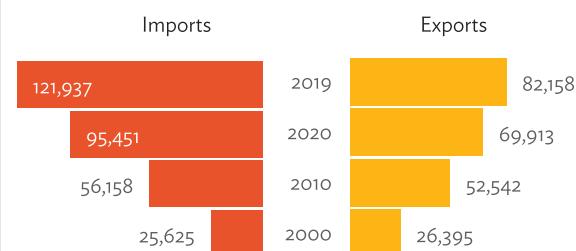
Trade-Based GVC Participation



Share of Intermediate Consumption and Gross Value-Added in Output

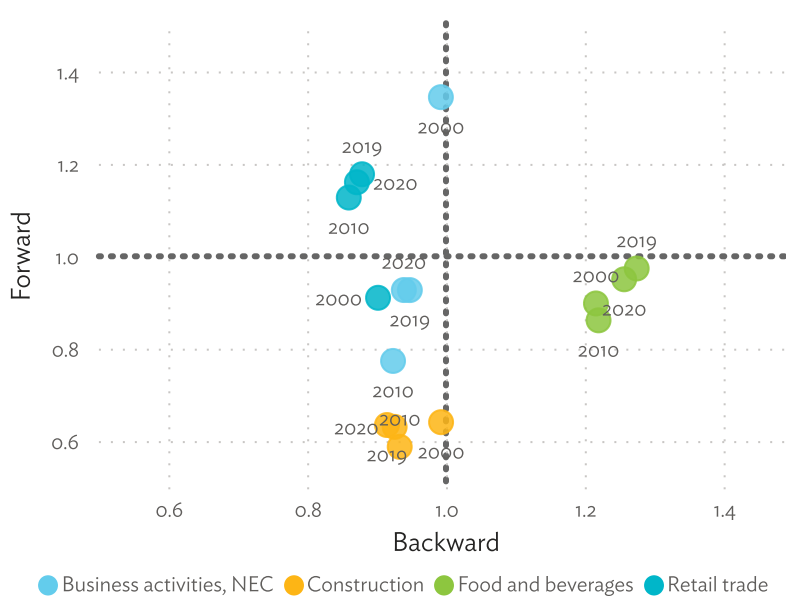


Imports and Exports, 2019-2020 (\$ million)

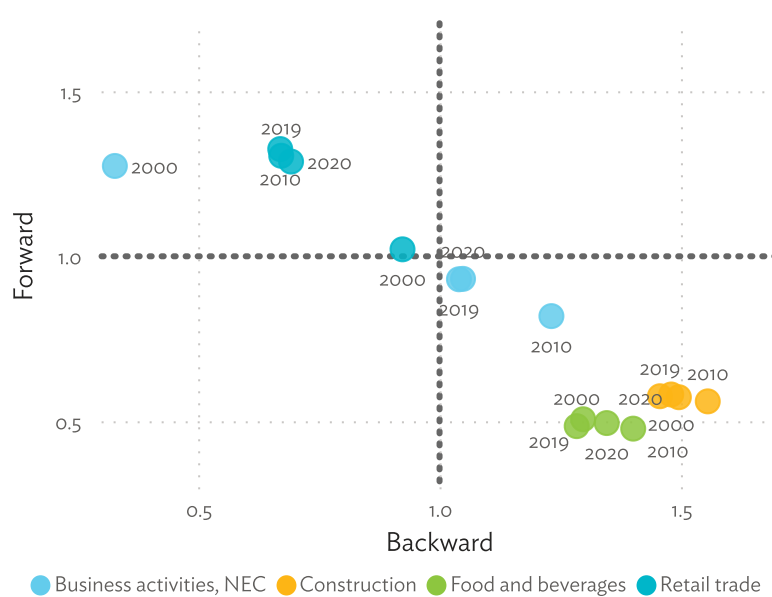


Domestic Linkages

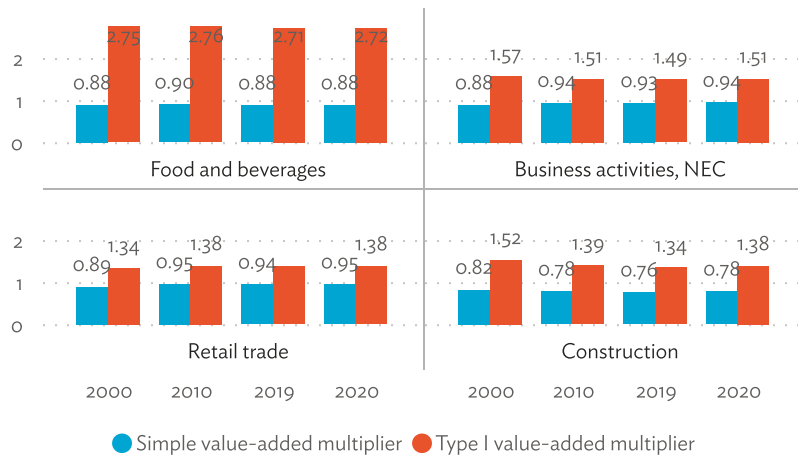
Normalized Linkages



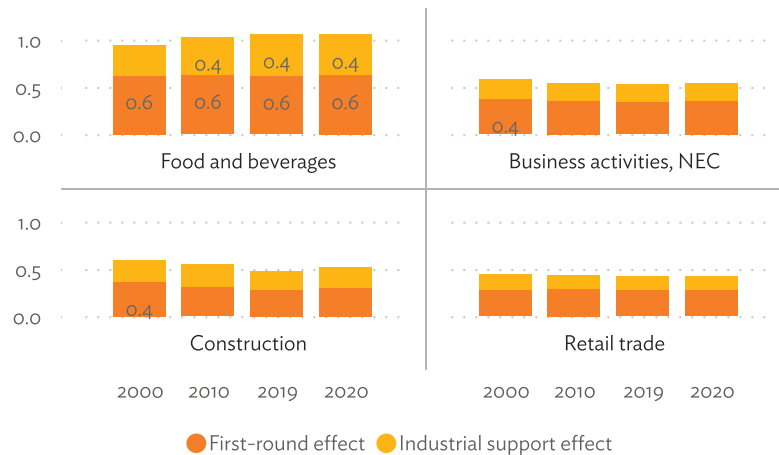
Net Linkages



Value-Added Multipliers



Production-Induced Effect

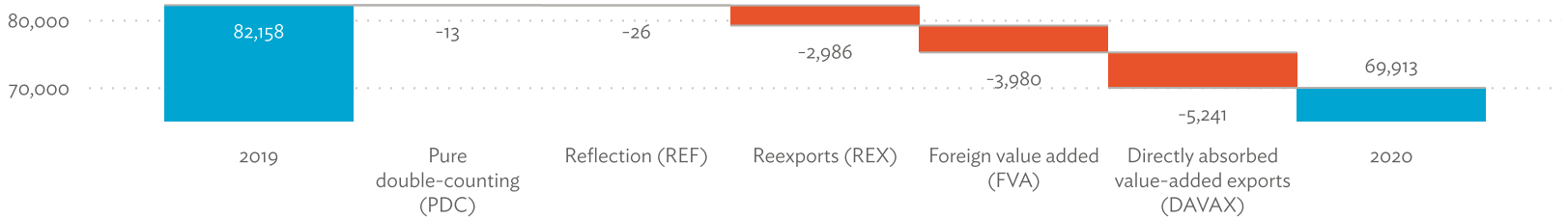


Philippines

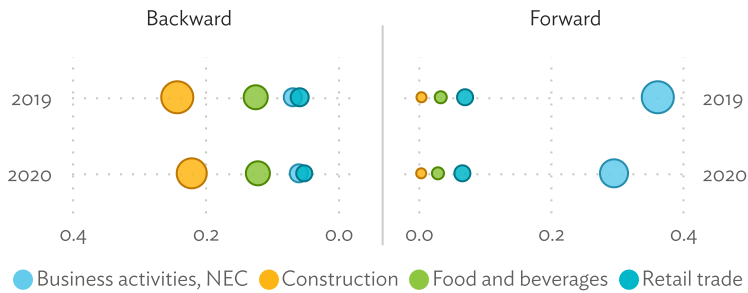
Southeast Asia and the Pacific

International Linkages

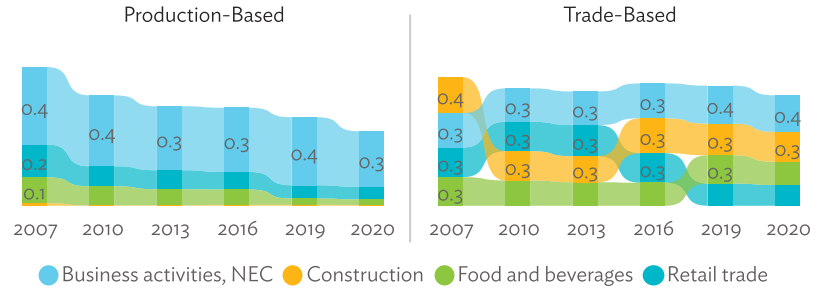
Change in Exports, by Value-Added Components, 2019-2020
(\$ million)



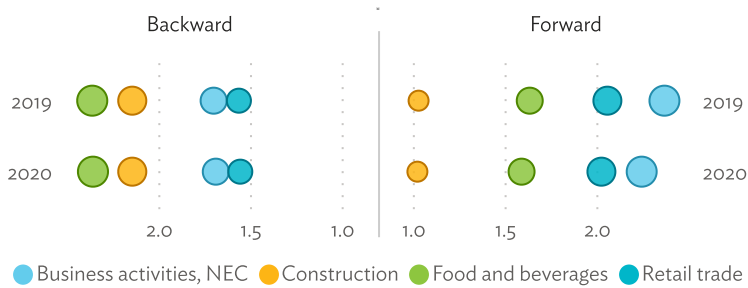
Import Multipliers



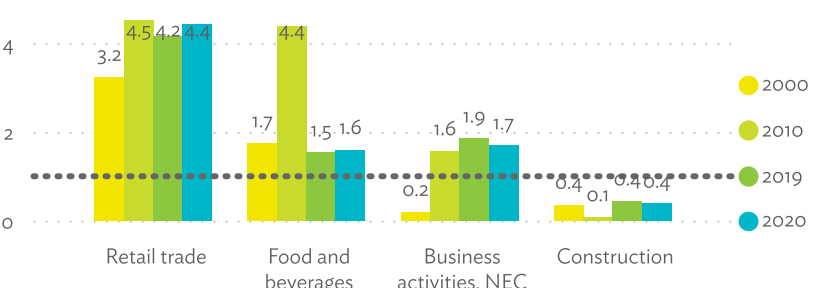
GVC Participation Rates



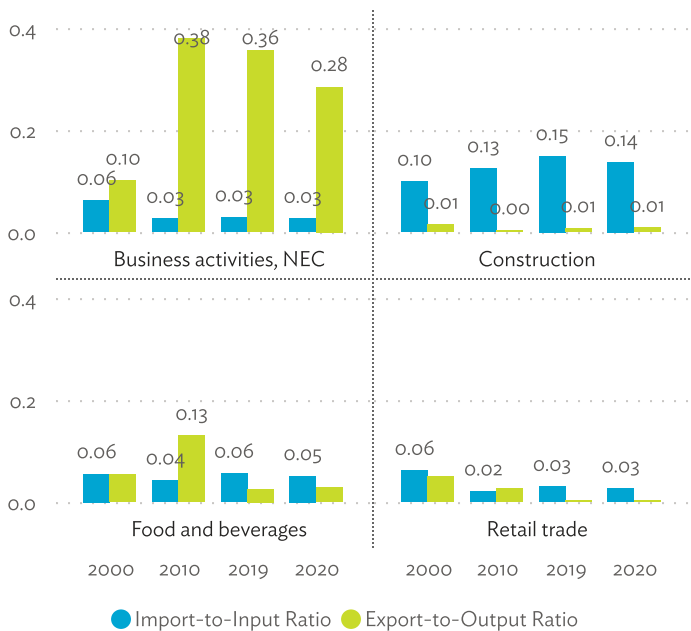
Average Production Length



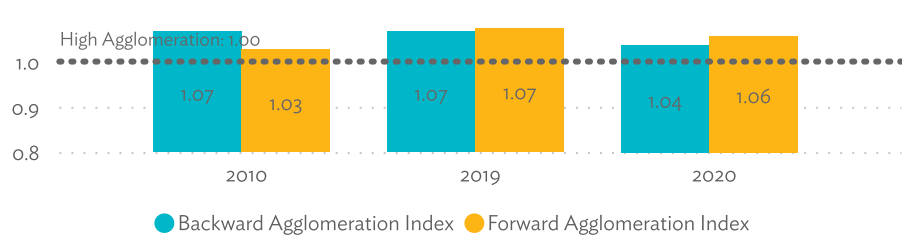
New Revealed Comparative Advantage



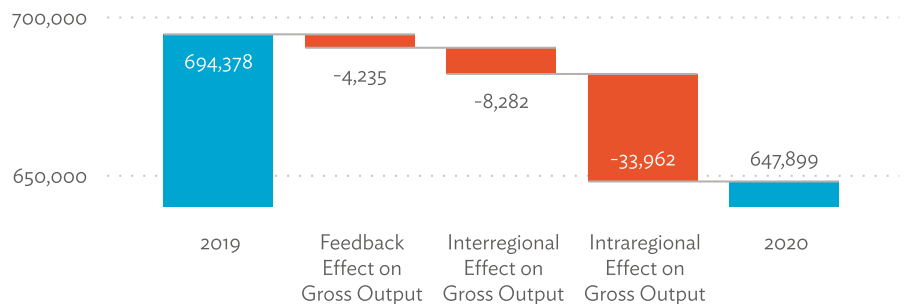
Trade Orientation



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).