

# Viet Nam

Southeast Asia and the Pacific

Basic Economic Indicators

## Economic Aggregates (\$ million)

	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price	31,126	69,772	101,386	153,911	184,665	235,951	244,592
Gross output	66,977	179,046	314,784	462,435	557,872	726,773	753,263
Total intermediate inputs	35,851	105,478	206,588	300,418	363,556	478,595	496,180
Taxes less subsidies on products	0	3,795	6,811	8,106	9,651	12,227	12,491
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	15,503	35,831	58,048	85,035	102,135	136,245	143,722
Final consumption expenditure by NPISHs	0	0	0	0	0	0	0
Government final consumption expenditure	1,421	3,419	6,317	9,924	12,942	15,819	17,346
Gross fixed capital formation	7,358	21,222	30,350	32,974	35,866	30,055	32,154
Changes in inventories	-111	-2,016	2,112	1,851	-2,983	-6,214	-6,723
Total final demand	24,172	58,456	96,826	129,784	147,959	175,905	186,499
Exports	17,155	55,038	83,474	143,186	192,188	279,720	274,571
Imports	17,970	65,543	92,995	139,491	186,929	271,363	266,645

## Economic Aggregates, Top 3 Sectors (\$ million)

	2000	2007	2010	2013	2016	2019	2020
<b>Value-added at basic price</b>							
Wholesale trade	4,038	7,925	9,091	15,330	19,322	26,808	28,743
Agriculture	5,708	9,731	15,736	22,956	24,124	25,147	27,510
Construction	1,669	4,286	7,282	9,080	11,485	14,815	15,864
<b>Gross output</b>							
Food and beverages	5,719	19,998	40,955	60,935	76,455	97,803	101,833
Agriculture	11,892	20,932	41,979	61,348	63,227	66,082	72,289
Construction	5,488	14,098	25,150	31,237	38,962	50,257	53,815
<b>Total intermediate inputs</b>							
Food and beverages	4,087	15,033	34,946	51,908	65,323	83,603	87,064
Agriculture	6,184	10,927	25,657	37,694	38,272	40,268	44,061
Electricals	3,812	11,926	13,869	20,464	25,720	38,347	39,942
<b>Total final demand</b>							
Food and beverages	1,456	3,286	11,792	15,352	13,695	35,833	42,953
Construction	4,777	13,231	23,370	28,127	33,343	36,444	38,377
Health and social work	547	1,587	3,084	5,659	10,199	16,443	18,282
<b>Exports</b>							
Electricals	972	3,267	7,476	25,472	30,854	48,340	50,342
Textiles	2,006	6,742	13,371	21,394	24,879	43,646	45,509
Leather	1,938	6,515	7,609	12,641	18,227	23,589	24,056
<b>Imports</b>							
Electricals	1,295	5,527	8,724	30,262	30,679	47,697	48,036
Chemicals	2,485	7,683	11,968	18,485	29,024	36,152	36,390
Metals	1,057	9,831	11,406	14,639	23,661	35,307	35,017

## Domestic Linkages

### Indicator and Top 3 Sectors, 2020

	2000	2007	2010	2013	2016	2019	2020
<b>First-round effect</b>							
Wood	0.60	0.58	0.69	0.71	0.71	0.72	0.73
Refined fuels	0.21	0.15	0.54	0.61	0.69	0.71	0.72
Food and beverages	0.60	0.65	0.71	0.69	0.67	0.62	0.63
<b>Industrial support effect</b>							
Refined fuels	0.12	0.05	0.34	0.42	0.47	0.55	0.63
Food and beverages	0.40	0.46	0.70	0.60	0.51	0.52	0.55
Wood	0.37	0.41	0.64	0.64	0.60	0.52	0.53
<b>Production-induced effect</b>							
Refined fuels	0.32	0.20	0.88	1.03	1.16	1.27	1.35
Wood	0.97	0.99	1.33	1.35	1.32	1.24	1.26
Food and beverages	0.99	1.10	1.40	1.29	1.18	1.14	1.18

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Domestic Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
<b>Simple value-added multiplier</b>							
Utilities	0.80	0.83	0.86	0.86	0.88	0.90	0.91
Education	0.87	0.91	0.90	0.93	0.92	0.90	0.90
Public administration	0.86	0.84	0.86	0.90	0.89	0.87	0.88
<b>Type I value-added multiplier</b>							
Wood	2.61	2.47	4.47	4.65	4.67	4.67	4.81
Refined fuels	1.82	1.49	3.22	3.98	4.31	4.38	4.49
Food and beverages	2.66	3.02	4.16	4.04	3.96	3.52	3.64
<b>Direct backward linkage</b>							
Wood	0.60	0.58	0.69	0.71	0.71	0.72	0.73
Refined fuels	0.21	0.15	0.54	0.61	0.69	0.71	0.72
Food and beverages	0.60	0.65	0.71	0.69	0.67	0.62	0.63
<b>Complete hypothetical extraction (backward)</b>							
Wood	1.90	1.75	1.87	1.86	1.82	1.98	2.06
Manufacturing, NEC	1.52	1.78	1.99	1.99	1.92	1.92	1.94
Hotels and restaurants	1.58	1.47	1.83	1.79	1.73	1.72	1.75
<b>Partial hypothetical extraction (backward)</b>							
Wood	0.94	0.87	1.07	1.07	1.04	1.10	1.15
Manufacturing, NEC	0.66	0.78	1.01	1.02	0.94	0.92	0.94
Refined fuels	0.32	0.19	0.69	0.83	0.88	0.87	0.88
<b>Total backward linkage</b>							
Refined fuels	1.32	1.20	1.88	2.03	2.16	2.27	2.35
Wood	1.97	1.99	2.33	2.35	2.32	2.24	2.26
Food and beverages	1.99	2.10	2.40	2.29	2.18	2.14	2.18
<b>Direct forward linkage</b>							
Refined fuels	0.91	0.66	0.96	0.96	0.89	0.84	0.85
Transport activities, NEC	0.00	0.42	0.64	0.79	0.79	0.86	0.84
Wholesale trade	0.50	0.48	0.61	0.65	0.67	0.80	0.83
<b>Complete hypothetical extraction (forward)</b>							
Mining	1.57	1.17	1.80	1.95	2.27	2.53	2.62
Wholesale trade	1.77	1.78	2.02	2.02	2.01	2.11	2.18
Utilities	2.07	1.90	2.28	2.25	2.14	2.13	2.16
<b>Partial hypothetical extraction (forward)</b>							
Mining	0.62	0.19	0.91	1.12	1.39	1.67	1.75
Transport activities, NEC	0.00	0.63	1.00	1.24	1.24	1.29	1.29
Utilities	1.13	1.00	1.33	1.31	1.21	1.22	1.26
<b>Total forward linkage</b>							
Mining	1.65	1.19	2.03	2.35	2.58	2.94	3.00
Refined fuels	2.46	2.07	2.87	2.94	2.82	2.79	2.89
Transport activities, NEC	1.00	1.65	2.23	2.62	2.59	2.64	2.63
<b>Normalized backward linkage</b>							
Refined fuels	0.87	0.81	1.15	1.25	1.37	1.49	1.51
Wood	1.30	1.35	1.43	1.44	1.46	1.47	1.45
Food and beverages	1.31	1.43	1.48	1.40	1.38	1.41	1.40
<b>Normalized forward linkage</b>							
Mining	1.01	0.74	1.20	1.36	1.53	1.84	1.82
Refined fuels	1.50	1.29	1.69	1.71	1.67	1.74	1.76
Transport activities, NEC	0.61	1.03	1.31	1.53	1.54	1.65	1.60
<b>Net backward linkage</b>							
Manufacturing, NEC	0.78	1.72	1.63	1.66	1.62	1.91	1.94
Wood	0.91	0.76	0.76	0.73	0.74	1.41	1.59
Textiles	1.14	1.14	1.19	1.23	1.22	1.47	1.51
<b>Net forward linkage</b>							
Utilities	1.26	1.28	1.76	1.74	1.71	1.73	1.77
Finance	1.54	1.07	1.25	1.44	1.37	1.38	1.53
Real estate	1.65	1.05	1.15	1.28	1.29	1.33	1.43

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Southeast Asia and the Pacific

International Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
<b>Self-sufficiency ratio</b>							
Leather	4.67	3.33	3.89	6.19	8.23	7.71	7.18
Manufacturing, NEC	1.08	1.38	1.44	1.54	1.76	5.95	6.89
Textiles	1.44	1.53	2.18	1.92	1.86	3.01	3.14
<b>Import-to-input ratio</b>							
Electricals	0.21	0.45	0.33	0.58	0.60	0.58	0.55
Machinery, NEC	0.20	0.15	0.36	0.45	0.49	0.56	0.53
Water transport	0.32	0.56	0.30	0.29	0.32	0.54	0.52
<b>Export-to-output ratio</b>							
Electricals	0.19	0.22	0.43	0.98	0.95	1.00	1.00
Textiles	0.63	0.69	0.84	0.91	0.85	1.00	1.00
Manufacturing, NEC	0.39	0.61	0.50	0.56	0.65	1.00	1.00
<b>Domestic inputs share to output</b>							
Wood	0.60	0.58	0.69	0.71	0.71	0.72	0.73
Refined fuels	0.21	0.15	0.54	0.61	0.69	0.71	0.72
Food and beverages	0.60	0.65	0.71	0.69	0.67	0.62	0.63
<b>Foreign inputs share to output</b>							
Electricals	0.21	0.45	0.33	0.58	0.60	0.58	0.55
Machinery, NEC	0.20	0.15	0.36	0.45	0.49	0.56	0.53
Water transport	0.32	0.56	0.30	0.29	0.32	0.54	0.52
<b>Backward import multipliers</b>							
Electricals	0.37	0.63	0.56	0.66	0.68	0.66	0.64
Machinery, NEC	0.35	0.42	0.54	0.57	0.61	0.64	0.62
Metals	0.09	0.52	0.56	0.56	0.62	0.63	0.61
<b>Forward import multipliers</b>							
Wood	0.24	0.40	0.39	0.40	0.46	0.63	0.68
Metals	0.25	0.24	0.38	0.47	0.55	0.65	0.60
Rubber and plastics	0.34	0.51	0.56	0.56	0.71	0.57	0.52
<b>Intraregional transfer multiplier</b>							
Refined fuels	1.32	1.20	1.88	2.03	2.16	2.27	2.35
Wood	1.97	1.99	2.33	2.35	2.32	2.24	2.26
Food and beverages	1.99	2.10	2.40	2.29	2.18	2.14	2.18
<b>Interregional spillover multiplier</b>							
Electricals	1.40	1.87	1.66	2.14	2.25	2.28	2.24
Machinery, NEC	1.38	1.30	1.75	1.93	2.07	2.27	2.23
Metals	1.08	1.68	1.79	1.83	2.09	2.14	2.11
<b>Interregional feedback multiplier</b>							
Water transport	1.22	1.41	1.20	1.22	1.21	1.37	1.35
Electricals	1.10	1.36	1.24	1.50	1.49	1.31	1.29
Air transport	1.06	1.13	1.22	1.26	1.23	1.30	1.28
<b>Intraregional effect on gross output (\$ million)</b>							
Food and beverages							
Agriculture							
Construction							
<b>Interregional effect on gross output (\$ million)</b>							
Electricals							
Metals							
Agriculture							
<b>Feedback effect on gross output (\$ million)</b>							
Electricals							
Metals							
Agriculture							
<b>Directly absorbed value-added exports (DAVAX) (\$ million)</b>							
Textiles							
Electricals							
Leather							
<b>Reflection (REF) (\$ million)</b>							
Electricals							
Metals							
Refined fuels							

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Southeast Asia and the Pacific

International Linkages

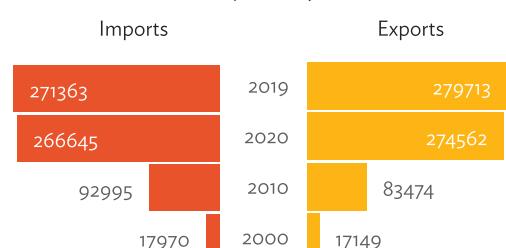
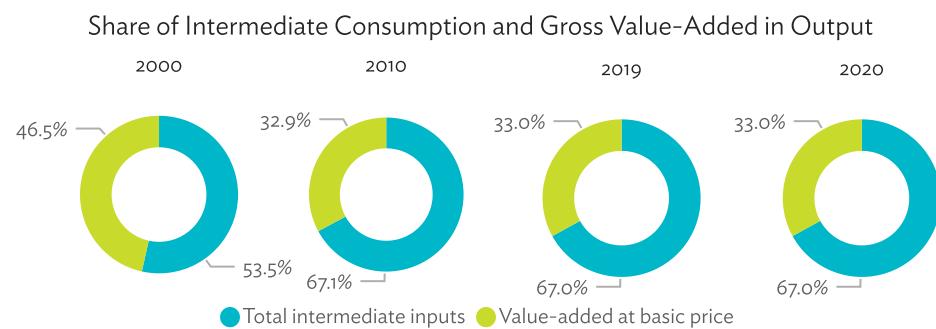
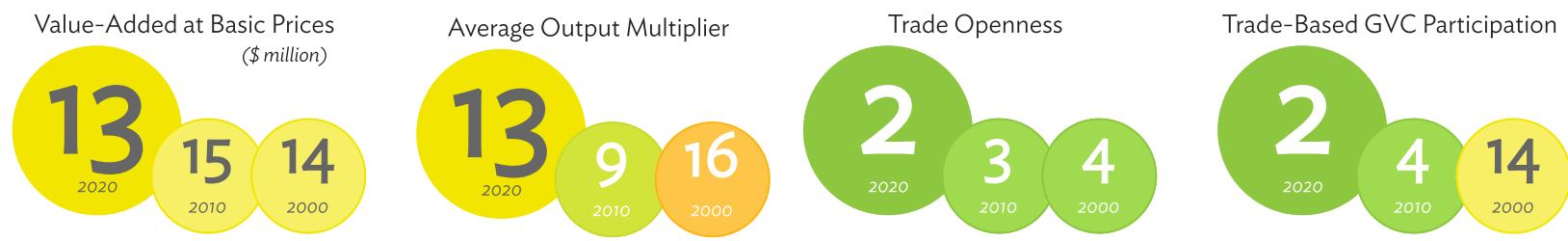
Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
<b>Reexports (REX) (\$ million)</b>							
Electricals	153.69	479.44	1,373.54	3,444.43	3,924.89	3,820.70	3,692.00
Metals	76.07	211.91	378.14	772.89	1,316.71	2,629.68	2,217.89
Textiles	158.84	269.74	532.08	930.48	1,388.84	1,437.01	1,577.09
<b>Foreign value added (FVA) (\$ million)</b>							
Electricals	362.60	2,062.90	4,189.00	16,859.58	20,955.01	31,811.09	32,153.53
Textiles	453.40	2,623.88	7,495.91	12,146.48	13,203.08	21,205.67	21,304.22
Metals	41.76	785.57	1,382.19	2,897.53	6,455.85	11,393.84	10,438.36
<b>Pure double-counting (PDC) (\$ million)</b>							
Electricals	0.34	2.50	9.29	70.11	149.21	157.84	165.35
Textiles	0.49	3.94	18.66	47.26	68.62	117.76	111.73
Leather	0.61	4.05	10.81	25.16	67.33	46.14	43.63
<b>Trade-based GVC participation rate</b>							
Metals	0.26	0.67	0.72	0.71	0.75	0.77	0.75
Electricals	0.53	0.78	0.75	0.80	0.81	0.74	0.72
Rubber and plastics	0.64	0.68	0.74	0.73	0.76	0.74	0.70
<b>Production-based GVC participation rate</b>							
Wood	0.24	0.40	0.39	0.40	0.46	0.63	0.68
Metals	0.25	0.24	0.38	0.47	0.55	0.65	0.60
Rubber and plastics	0.34	0.51	0.56	0.56	0.71	0.57	0.52
<b>Trade-based backward GVC participation rate</b>							
Electricals	0.37	0.63	0.56	0.66	0.68	0.66	0.64
Machinery, NEC	0.35	0.42	0.54	0.57	0.61	0.64	0.62
Metals	0.09	0.52	0.56	0.56	0.62	0.63	0.61
<b>Trade-based forward GVC participation rate</b>							
Transport activities, NEC	0.07	0.33	0.37	0.39	0.40	0.34	0.32
Mining	0.18	0.16	0.17	0.19	0.18	0.22	0.21
Finance	0.16	0.16	0.16	0.19	0.21	0.21	0.21
<b>Traditional revealed comparative advantage</b>							
Leather	11.80	14.44	12.34	11.47	11.75	10.34	10.25
Textiles	2.59	3.53	5.02	4.54	3.91	5.09	4.85
Wood	0.96	1.18	2.32	1.91	1.94	3.48	4.08
<b>New revealed comparative advantage</b>							
Leather	19.13	20.26	19.17	18.35	17.78	19.04	18.67
Textiles	4.21	5.05	5.63	4.95	4.58	5.63	5.54
Agriculture	3.47	5.11	3.75	3.58	3.50	2.19	1.95
<b>Backward production length</b>							
Refined fuels	3.09	3.08	3.33	3.37	3.40	3.42	3.48
Food and beverages	2.57	2.78	3.37	3.38	3.32	3.33	3.35
Transport equipment	2.79	3.36	3.35	3.43	3.46	3.25	3.33
<b>Forward production length</b>							
Mining	3.40	3.88	3.86	3.91	3.99	4.13	4.21
Transport activities, NEC	1.13	2.64	3.68	3.77	3.77	3.55	3.58
Refined fuels	2.87	2.57	3.48	3.53	3.36	3.41	3.52
<b>Backward production length of GVC segment</b>							
Refined fuels	3.73	3.69	4.26	4.58	4.85	4.80	4.90
Utilities	4.23	4.66	4.47	4.61	4.72	4.63	4.68
Wood	4.26	4.66	4.59	4.95	4.80	4.61	4.66
<b>Forward production length of GVC segment</b>							
Finance	4.20	4.44	4.86	5.20	5.14	5.05	5.20
Real estate	4.85	4.82	5.16	5.35	5.31	4.98	5.19
Refined fuels	4.76	4.97	5.40	5.51	5.42	5.00	5.09
<b>Backward agglomeration index</b>							
Utilities	-	1.09	1.09	1.13	1.13	1.18	1.15
Minerals, NEC	-	0.48	0.00	0.00	0.54	0.96	1.14
Mining	-	0.00	0.80	0.93	0.59	1.03	1.05
<b>Forward agglomeration index</b>							
Sale of motor vehicles	-	0.87	1.00	1.05	1.04	1.01	1.03
Public administration	-	1.02	1.02	1.02	1.02	1.01	1.00
Health and social work	-	0.96	0.97	0.98	0.98	1.00	1.00

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.adbx.online/> (accessed July 2021).

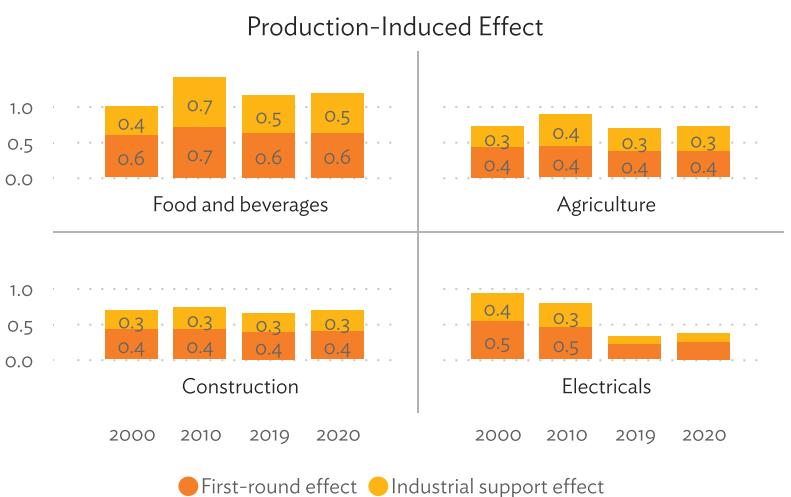
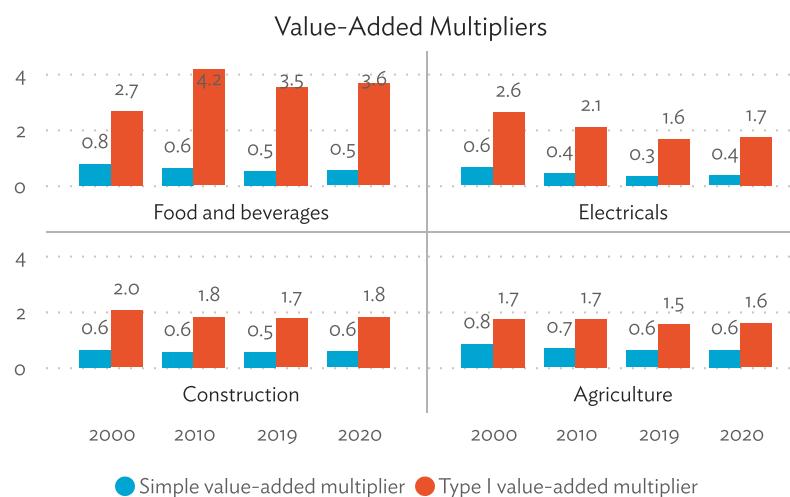
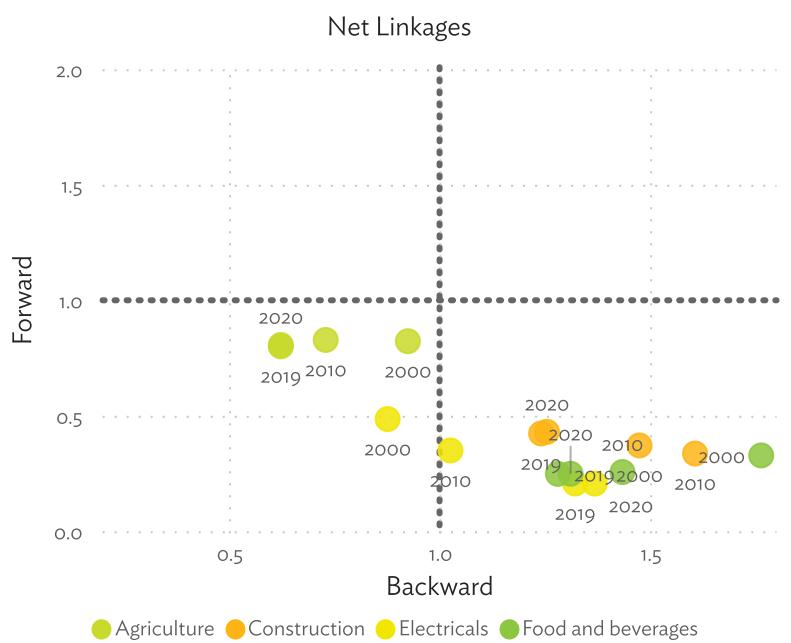
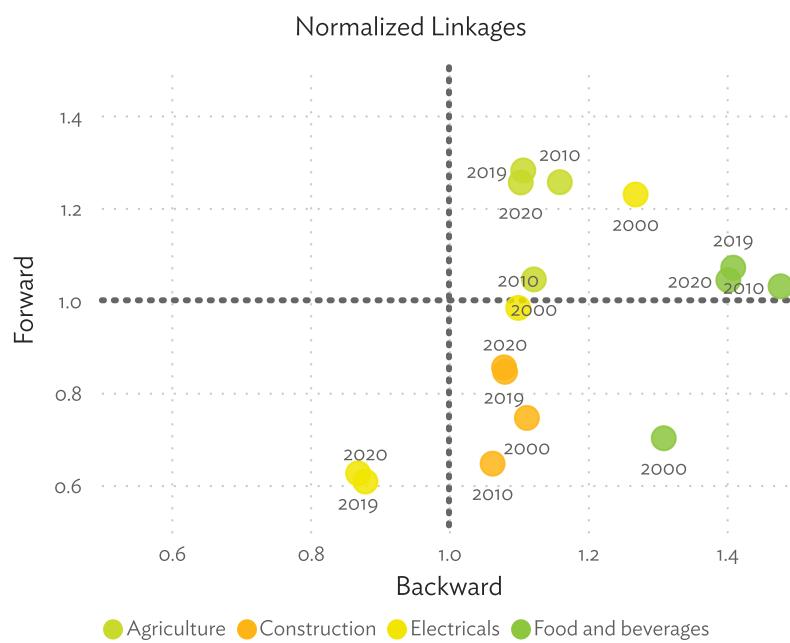
# Viet Nam

## *Southeast Asia and the Pacific*

## Economy Ranking out of 25 Economies



## Domestic Linkages



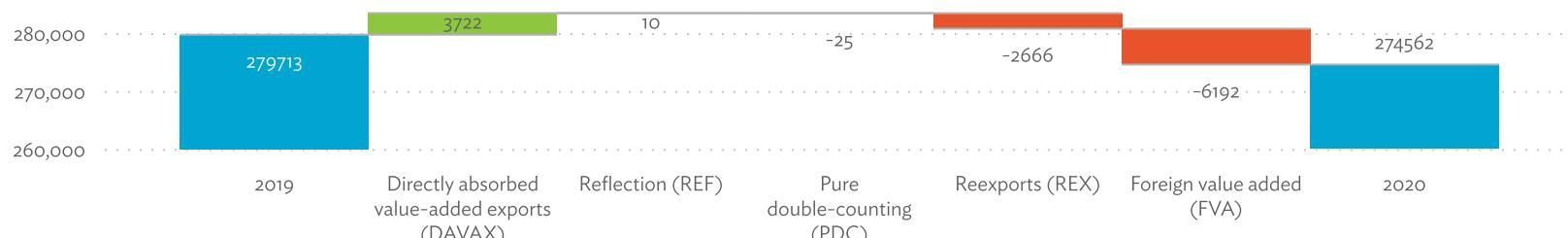
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Southeast Asia and the Pacific

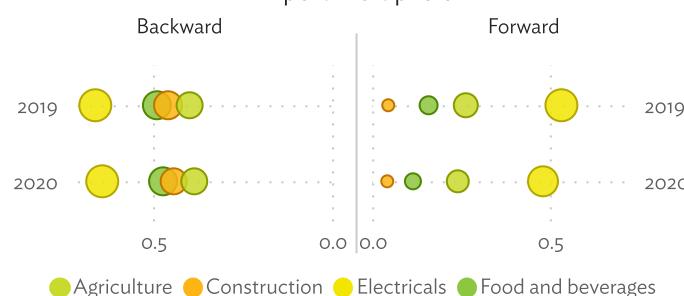
## International Linkages

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

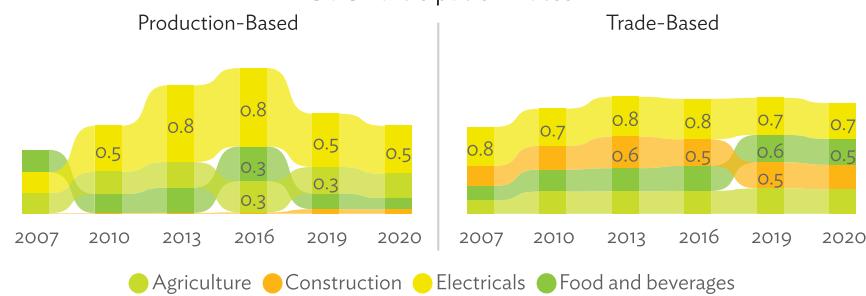
( $\$$  million)



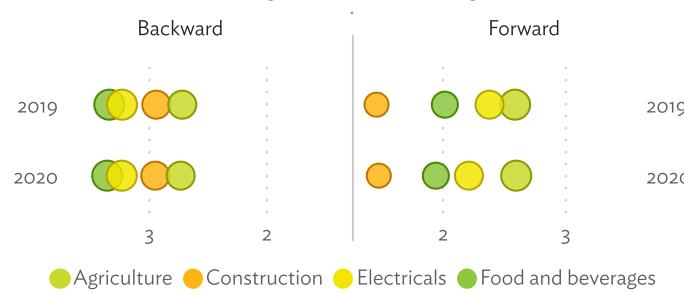
### Import Multipliers



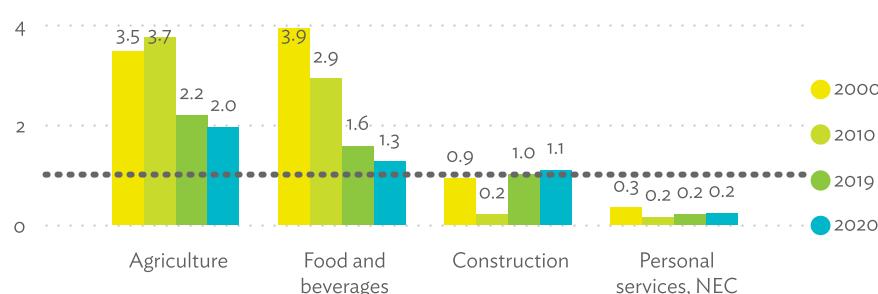
### GVC Participation Rates



### Average Production Length



### New Revealed Comparative Advantage



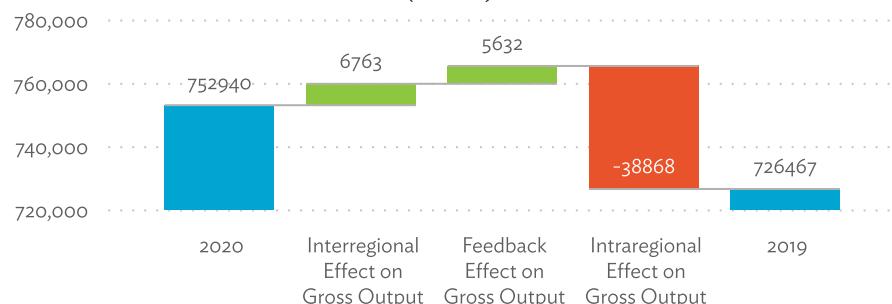
### Trade Orientation



### 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.adbx.online/> (accessed July 2021).