

Maldives

South and Central Asia

Basic Economic Indicators

Economic Aggregates (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price	523	1,663	2,401	2,915	3,443	4,906	3,607
Gross output	1,010	4,021	5,159	6,605	7,854	11,213	8,009
Total intermediate inputs	466	2,269	2,723	3,622	4,306	6,095	4,340
Taxes less subsidies on products	21	89	34	68	104	212	62
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	97	399	687	770	901	1,446	1,445
Final consumption expenditure by NPISHs	0	0	467	0	0	0	0
Government final consumption expenditure	117	364	0	532	720	798	521
Gross fixed capital formation	36	253	418	206	422	1,173	640
Changes in inventories	1	59	70	-1	10	87	139
Total final demand	251	1,075	1,642	1,507	2,054	3,504	2,745
Exports	473	1,465	1,790	2,716	3,165	3,894	2,113
Imports	377	1,644	1,644	1,923	2,403	4,399	2,321

Economic Aggregates, Top 3 Sectors (\$ million)	2000	2007	2010	2013	2016	2019	2020
Value-added at basic price							
Public administration	45	136	236	330	567	461	491
Hotels and restaurants	165	551	677	774	844	1,214	449
Real estate	68	155	209	213	182	399	408
Gross output							
Hotels and restaurants	336	1,668	1,580	2,244	2,508	3,622	1,291
Agriculture	38	291	489	308	273	750	800
Construction	85	210	444	704	1,422	1,107	794
Total intermediate inputs							
Hotels and restaurants	160	1,064	883	1,410	1,571	2,231	794
Utilities	12	131	131	159	165	479	502
Agriculture	7	167	340	159	161	441	474
Total final demand							
Construction	59	114	253	217	625	971	605
Public administration	68	194	266	406	614	532	418
Hotels and restaurants	9	188	140	61	10	738	304
Exports							
Hotels and restaurants	319	1,155	1,398	2,123	2,488	1,939	713
Air transport	22	19	36	63	119	327	288
Food and beverages	20	116	13	62	88	284	224
Imports							
Transport equipment	38	217	138	185	199	705	376
Food and beverages	29	195	44	163	216	541	246
Manufacturing, NEC	102	215	165	58	116	316	208

Domestic Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
First-round effect							
Sale of motor vehicles	0.45	0.72	0.48	0.67	0.72	0.77	0.81
Wholesale trade	0.00	0.44	0.48	0.50	0.53	0.52	0.69
Food and beverages	0.26	0.39	0.24	0.70	0.61	0.56	0.62
Industrial support effect							
Food and beverages	0.08	0.21	0.12	0.43	0.25	0.28	0.44
Sale of motor vehicles	0.11	0.28	0.17	0.25	0.29	0.34	0.44
Utilities	0.11	0.19	0.15	0.15	0.16	0.19	0.36
Production-induced effect							
Sale of motor vehicles	0.55	1.00	0.65	0.92	1.02	1.10	1.24
Food and beverages	0.34	0.61	0.36	1.13	0.86	0.84	1.05
Wholesale trade	0.00	0.61	0.65	0.69	0.72	0.72	0.99

Maldives

South and Central Asia

Domestic Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Simple value-added multiplier							
Finance	0.87	0.91	0.91	0.91	0.90	0.91	0.93
Education	0.91	0.90	0.91	0.91	0.91	0.90	0.92
Real estate	0.94	0.86	0.87	0.88	0.87	0.88	0.90
Type I value-added multiplier							
Sale of motor vehicles	2.05	7.38	1.89	5.31	6.48	7.03	7.93
Food and beverages	1.45	2.24	1.30	3.29	2.87	2.83	3.42
Utilities	1.29	2.12	1.68	1.89	2.18	2.23	2.92
Direct backward linkage							
Sale of motor vehicles	0.45	0.72	0.48	0.67	0.72	0.77	0.81
Wholesale trade	0.00	0.44	0.48	0.50	0.53	0.52	0.69
Food and beverages	0.26	0.39	0.24	0.70	0.61	0.56	0.62
Complete hypothetical extraction (backward)							
Sale of motor vehicles	1.55	1.99	1.65	1.87	1.99	2.06	2.20
Food and beverages	1.33	1.60	1.36	1.65	1.82	1.84	2.05
Wholesale trade	1.00	1.58	1.61	1.62	1.69	1.70	1.92
Partial hypothetical extraction (backward)							
Sale of motor vehicles	0.55	1.00	0.65	0.90	1.00	1.08	1.22
Food and beverages	0.34	0.60	0.36	0.88	0.84	0.84	1.05
Wholesale trade	0.00	0.60	0.64	0.66	0.71	0.72	0.95
Total backward linkage							
Sale of motor vehicles	1.55	2.00	1.65	1.92	2.02	2.10	2.24
Food and beverages	1.34	1.61	1.36	2.13	1.86	1.84	2.05
Wholesale trade	1.00	1.61	1.65	1.69	1.72	1.72	1.99
Direct forward linkage							
Finance	0.94	0.78	0.80	0.92	0.92	0.98	0.96
Paper	0.81	0.72	1.00	0.89	0.90	0.89	0.83
Sale of motor vehicles	0.49	0.62	0.70	0.83	0.79	0.71	0.77
Complete hypothetical extraction (forward)							
Finance	1.44	2.04	2.03	2.20	2.17	2.34	2.36
Paper	2.05	2.08	2.43	2.11	2.14	2.32	2.31
Business activities, NEC	2.29	2.29	2.20	2.20	2.13	2.07	2.07
Partial hypothetical extraction (forward)							
Finance	1.02	1.11	1.08	1.27	1.23	1.41	1.47
Paper	1.05	1.10	1.46	1.17	1.21	1.36	1.36
Business activities, NEC	1.30	1.32	1.25	1.23	1.14	1.09	1.09
Total forward linkage							
Finance	3.46	2.19	2.14	2.37	2.30	2.51	2.63
Paper	2.06	2.12	2.51	2.25	2.31	2.40	2.43
Business activities, NEC	2.31	2.35	2.31	2.28	2.16	2.10	2.11
Normalized backward linkage							
Sale of motor vehicles							
Food and beverages							
Wholesale trade							
Normalized forward linkage							
Finance							
Paper							
Business activities, NEC							
Net backward linkage							
Food and beverages							
Air transport							
Water transport							
Net forward linkage							
Finance							
Real estate							
Education							

Maldives

South and Central Asia

International Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Export-to-output ratio							
Electricals	1.00	1.00	1.00	1.00	0.00	1.00	1.00
Leather	0.98	1.00	1.00	1.00	0.00	1.00	1.00
Mining	0.16	1.00	1.00	1.00	1.00	1.00	1.00
Rubber and plastics	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Self-sufficiency ratio							
Air transport	1.83	0.95	0.99	1.03	1.20	4.65	8.82
Inland transport	1.12	0.93	1.28	1.08	1.42	5.39	8.31
Water transport	1.85	0.98	1.07	0.86	1.04	4.52	5.63
Import-to-input ratio							
Utilities	0.34	0.47	0.44	0.52	0.54	0.50	0.40
Minerals, NEC	0.00	0.21	0.30	0.24	0.26	0.36	0.32
Metals	0.00	0.28	0.36	0.30	0.31	0.36	0.32
Domestic inputs share to output							
Sale of motor vehicles	0.45	0.72	0.48	0.67	0.72	0.77	0.81
Wholesale trade	0.00	0.44	0.48	0.50	0.53	0.52	0.69
Food and beverages	0.26	0.39	0.24	0.70	0.61	0.56	0.62
Foreign inputs share to output							
Utilities	0.34	0.47	0.44	0.52	0.54	0.50	0.40
Minerals, NEC	0.00	0.21	0.30	0.24	0.26	0.36	0.32
Metals	0.00	0.28	0.36	0.30	0.31	0.36	0.32
Backward import multipliers							
Utilities	0.38	0.58	0.53	0.59	0.63	0.62	0.51
Food and beverages	0.31	0.53	0.35	0.35	0.43	0.44	0.37
Minerals, NEC	0.00	0.28	0.38	0.31	0.32	0.38	0.35
Forward import multipliers							
Metals	0.00	0.09	0.11	0.29	0.28	0.79	0.83
Water transport	0.75	0.30	0.19	0.36	0.43	0.74	0.72
Telecommunications	0.48	0.26	0.35	0.47	0.48	0.82	0.71
Intraregional transfer multiplier							
Sale of motor vehicles	1.55	2.00	1.65	1.92	2.02	2.10	2.24
Food and beverages	1.34	1.61	1.36	2.13	1.86	1.84	2.05
Wholesale trade	1.00	1.61	1.65	1.69	1.72	1.72	1.99
Interregional spillover multiplier							
Utilities	1.50	1.82	1.72	1.82	1.91	1.92	1.76
Metals	1.00	1.45	1.57	1.48	1.55	1.77	1.69
Minerals, NEC	1.00	1.38	1.62	1.49	1.56	1.67	1.61
Interregional feedback multiplier							
Metals	1.00	1.30	1.40	1.33	1.28	1.23	1.21
Utilities	1.35	1.33	1.22	1.28	1.27	1.20	1.16
Transport equipment	1.10	1.18	1.20	1.14	1.14	1.15	1.13
Intraregional effect on gross output (\$ million)							
Hotels and restaurants	160.03	932.06	738.71	1,278.65	1,047.77	2,149.62	808.48
Construction	80.22	184.70	386.65	475.61	1,105.88	1,072.90	756.27
Agriculture	30.26	184.42	311.18	205.87	157.86	514.09	611.58
Interregional effect on gross output (\$ million)							
Hotels and restaurants	137.25	559.10	662.23	730.55	1,097.50	1,143.17	391.48
Air transport	15.94	31.59	49.89	78.18	108.15	188.24	167.00
Telecommunications	16.04	31.13	69.41	92.61	117.80	247.42	165.67
Feedback effect on gross output (\$ million)							
Hotels and restaurants	39.14	177.18	179.16	235.17	363.06	328.98	91.13
Water transport	3.14	5.30	8.13	13.58	19.43	50.70	39.46
Telecommunications	3.70	8.27	17.82	25.92	33.73	67.35	38.30
Directly absorbed value-added exports (DAVAX) (\$ million)							
Hotels and restaurants	182.81	610.31	807.88	1,160.45	1,231.06	978.34	409.08
Air transport	12.48	10.38	17.52	36.17	66.28	184.92	187.19
Wholesale trade	0.00	7.38	9.35	16.17	9.49	191.47	142.68
Reflection (REF) (\$ million)							
Telecommunications	0.00	0.00	0.00	0.00	0.00	0.03	0.01
Water transport	0.00	0.00	0.00	0.00	0.00	0.03	0.01
Hotels and restaurants							

Maldives

South and Central Asia

International Linkages

Indicator and Top 3 Sectors, 2020	2000	2007	2010	2013	2016	2019	2020
Reexports (REX) (\$ million)							
Hotels and restaurants	45.70	162.29	215.11	239.12	349.41	263.58	82.16
Telecommunications	2.35	3.12	10.68	17.22	17.22	86.24	46.01
Water transport	2.66	0.85	1.57	3.87	7.28	46.05	42.75
Foreign value added (FVA) (\$ million)							
Hotels and restaurants	90.21	382.44	375.04	723.50	907.51	697.19	222.21
Food and beverages	6.39	61.54	4.56	21.62	37.45	126.34	81.92
Air transport	8.50	6.81	15.25	23.40	46.03	108.77	69.57
Pure double-counting (PDC) (\$ million)							
Hotels and restaurants	0.01	0.02	0.02	0.04	0.12	0.07	0.01
Air transport	0.00	0.00	0.00	0.00	0.01	0.01	0.00
Water transport	0.00	0.00	0.01	0.00	0.01	0.01	0.00
Trade-based GVC participation rate							
Water transport	0.54	0.47	0.69	0.63	0.62	0.61	0.53
Utilities	0.50	0.70	0.68	0.72	0.76	0.62	0.51
Metals	-	0.32	0.54	0.36	0.36	0.48	0.47
Production-based GVC participation rate							
Metals	-	0.09	0.11	0.29	0.28	0.79	0.83
Water transport	0.75	0.30	0.19	0.36	0.43	0.74	0.72
Telecommunications	0.48	0.26	0.35	0.47	0.48	0.82	0.71
Trade-based backward GVC participation rate							
Utilities	0.38	0.58	0.53	0.59	0.63	0.62	0.51
Food and beverages	0.31	0.53	0.35	0.35	0.43	0.44	0.37
Minerals, NEC	-	0.28	0.38	0.31	0.32	0.38	0.35
Trade-based forward GVC participation rate							
Finance	0.27	-	0.30	0.31	0.30	0.25	0.26
Transport activities, NEC	0.19	0.17	0.18	0.16	0.20	0.22	0.25
Personal services, NEC	0.07	0.18	0.21	0.20	0.21	0.23	0.22
Traditional revealed comparative advantage							
Hotels and restaurants	54.66	80.15	72.19	76.05	62.54	29.99	25.32
Telecommunications	3.13	1.53	4.45	4.01	3.34	14.39	16.01
Air transport	3.31	1.02	1.64	2.00	2.86	6.18	12.48
New revealed comparative advantage							
Hotels and restaurants	38.13	44.49	41.71	37.14	33.24	20.64	14.82
Air transport	2.06	3.25	4.00	4.97	4.26	5.60	10.31
Public administration	0.56	0.95	0.88	3.28	5.36	3.13	9.23
Backward production length							
Utilities	2.32	3.00	2.67	2.76	2.92	2.96	2.99
Sale of motor vehicles	2.24	2.87	2.19	2.82	2.96	2.86	2.84
Food and beverages	2.02	2.82	2.21	2.88	2.74	2.74	2.80
Forward production length							
Finance	4.45	2.79	2.86	3.27	3.35	3.24	3.23
Business activities, NEC	3.20	3.04	3.15	3.11	3.21	3.16	3.08
Paper	2.78	2.57	3.13	2.97	3.15	3.04	2.98
Backward production length of GVC segment							
Wholesale trade	-	4.09	4.09	4.39	4.52	4.52	4.82
Telecommunications	3.56	3.83	3.41	4.05	3.86	4.15	4.54
Retail trade	4.19	4.30	4.37	4.24	4.35	4.29	4.52
Forward production length of GVC segment							
Wood	4.24	4.93	4.71	4.96	5.20	4.98	5.44
Construction	4.11	5.02	4.88	4.11	4.65	5.13	5.31
Utilities	4.70	3.93	4.52	5.10	4.95	4.84	5.08
Backward agglomeration index							
Textiles	-	2.08	1.76	2.03	1.77	1.91	2.13
Manufacturing, NEC	-	0.47	1.70	2.04	1.77	1.97	2.03
Wood	-	1.10	0.00	0.92	0.85	1.35	1.22
Forward agglomeration index							
Textiles	-	0.85	0.59	0.76	0.76	0.88	1.36
Manufacturing, NEC	-	0.56	0.86	1.03	0.70	1.18	1.25
Wood	-	0.84	0.64	0.59	0.74	1.21	1.24

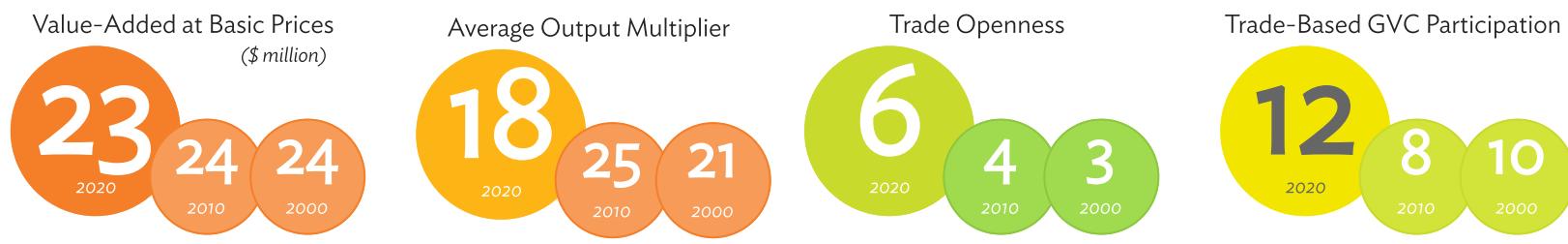
CIF = cost, insurance, and freight; FOB = free on board; GVC = global value chain; NEC = not elsewhere classified; NPISHs = nonprofit institutions serving households. Source: Calculations using the Asian Development Bank Multiregional Input-Output Table. <https://mrio.adbx.online/> (accessed July 2021).

Maldives

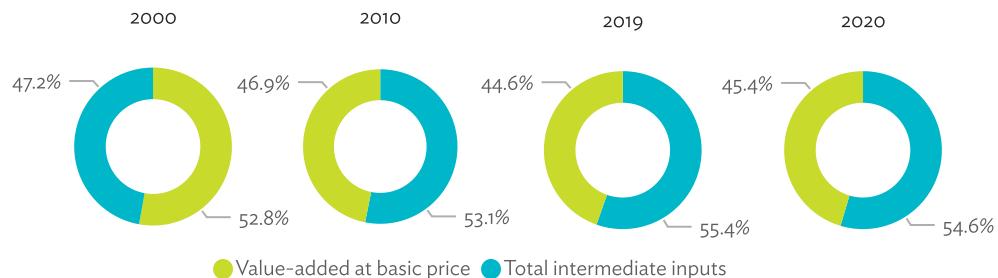
South and Central Asia

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

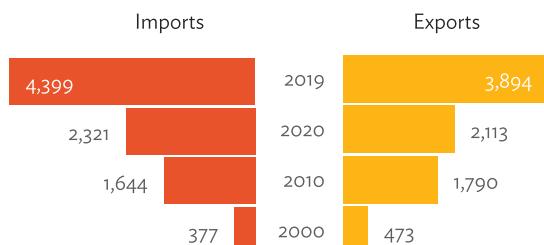
Economy Ranking out of 25 Economies



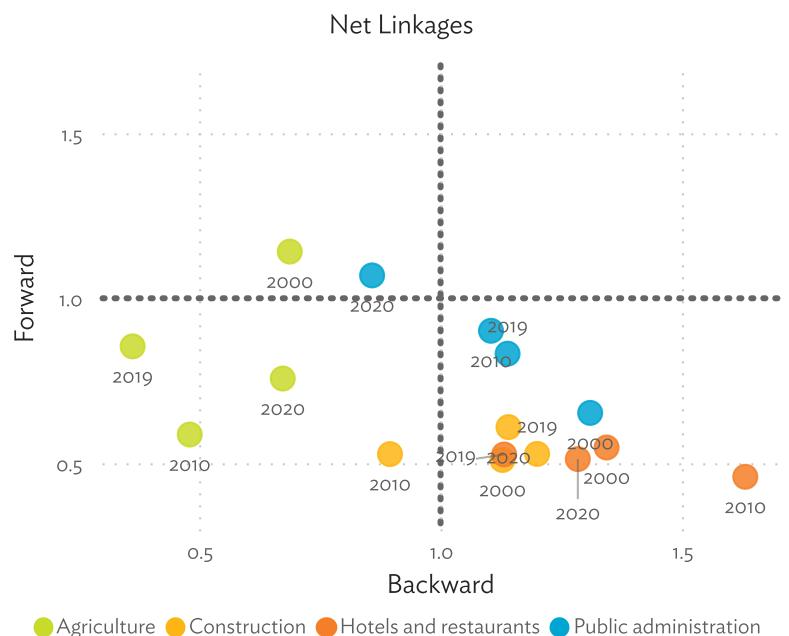
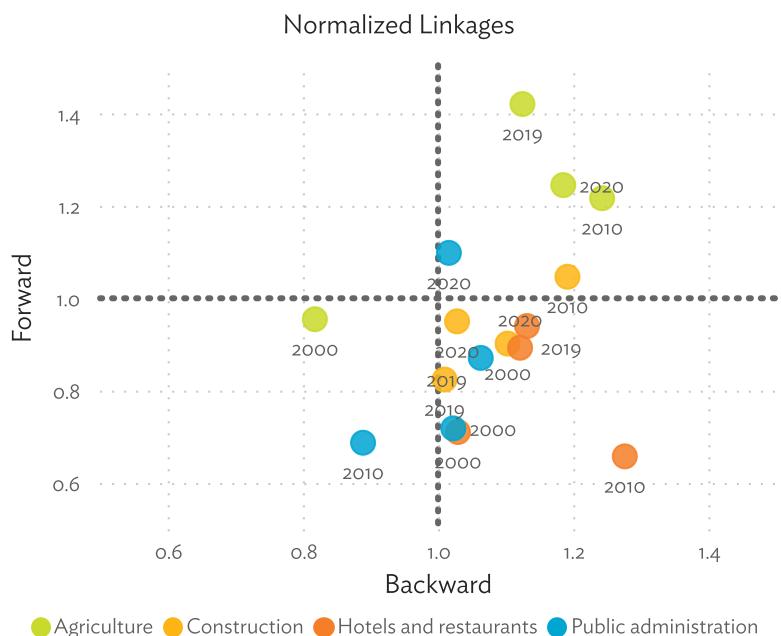
Share of Intermediate Consumption and Gross Value-Added in Output



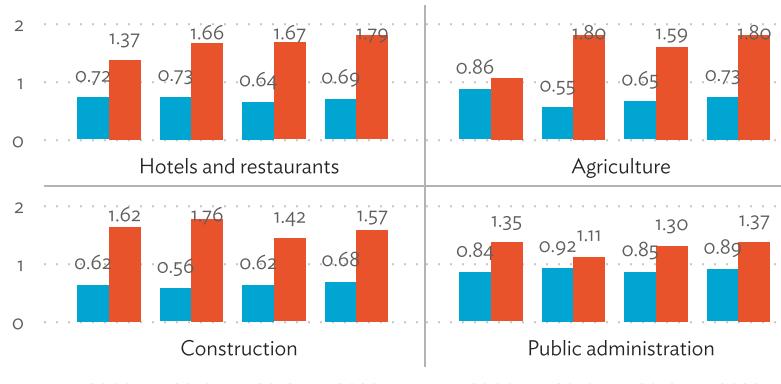
Imports and Exports, 2019–2020 (\$ million)



Domestic Linkages

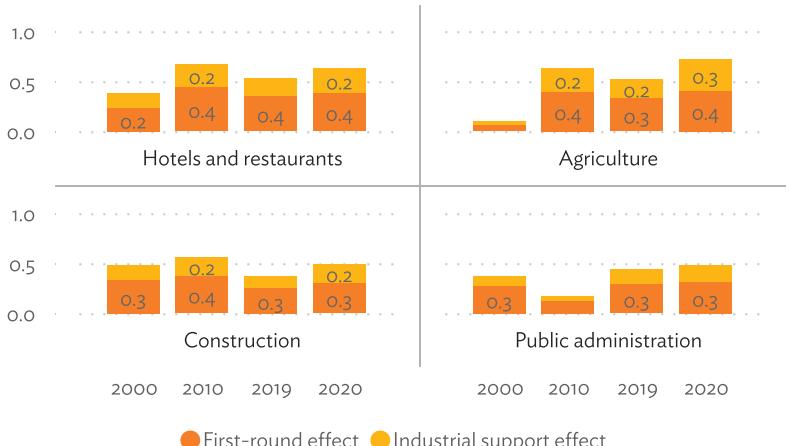


Value-Added Multipliers



● Simple value-added multiplier ● Type I value-added multiplier

Production-Induced Effect

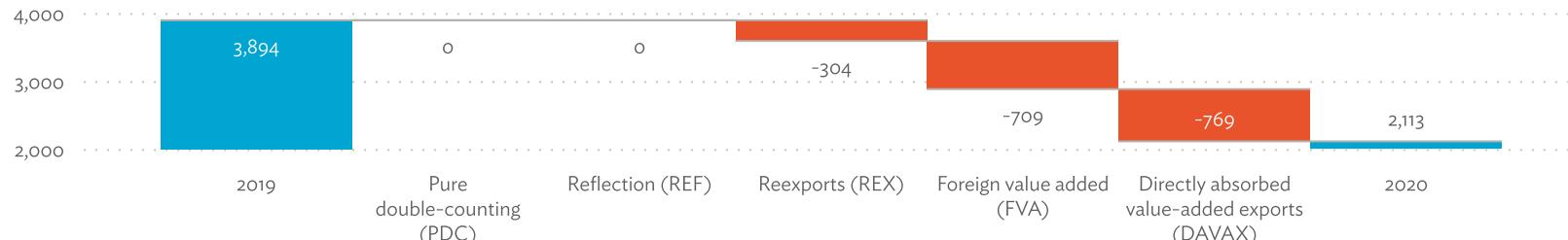


Maldives

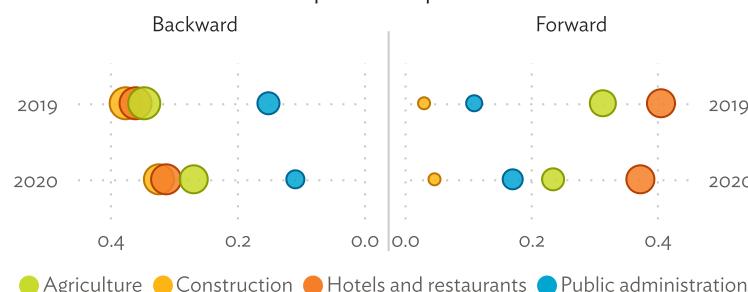
South and Central Asia

International Linkages

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



Import Multipliers



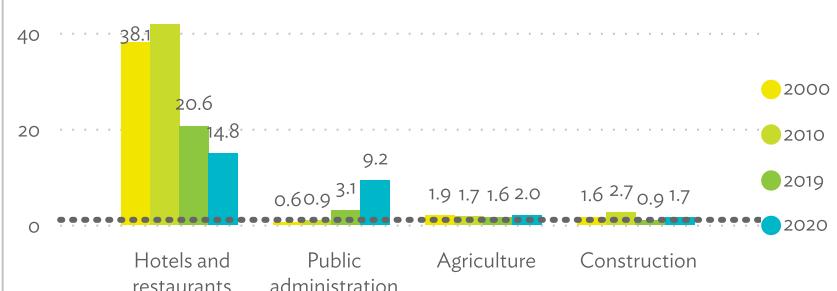
GVC Participation Rates



Average Production Length



New Revealed Comparative Advantage



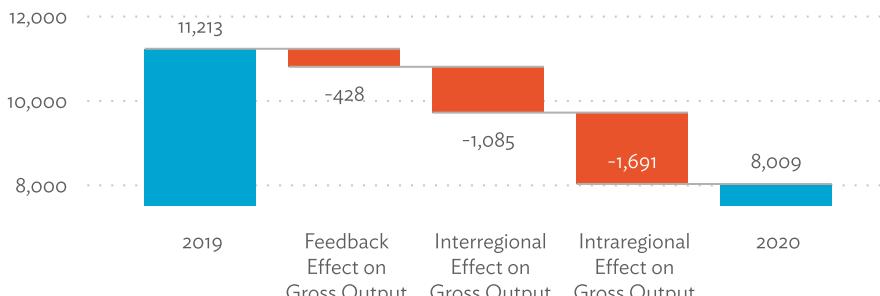
Trade Orientation



Agglomeration Indices



Domestic Transfer Effects and International Spillover Effects



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).