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# Technical notes

WTO members are frequently referred to as “countries”, although some members are not countries in the usual sense of the word but are officially “customs territories”. The definition of geographical and other groupings in this report does not imply an expression of opinion by the WTO Secretariat concerning the status of any country or territory, the delimitation of its frontiers, nor the rights and obligations of any WTO member in respect of WTO agreements. The colours, boundaries, denominations and classifications in the maps of the publication do not imply, on the part of the WTO, any judgement on the legal or other status of any territory, or any endorsement or acceptance of any boundary.

Throughout this report, South and Central America and the Caribbean is referred to as South and Central America.

The Netherlands with respect to Aruba; the Bolivarian Republic of Venezuela; Hong Kong Special Administrative Region of China;

the Republic of Korea; and the Separate Customs Territory of Taiwan, Penghu, Kinmen and Matsu are referenced as: Aruba, the Netherlands with respect to; Bolivarian Rep. of Venezuela; Hong Kong, China; Korea, Republic of; and Chinese Taipei respectively.

There are no WTO definitions of “developed” and “developing” economies. Members announce for themselves whether they are “developed” or “developing” economies. The references to developing and developed economies, as well as any other sub-categories of members used in this report, are for statistical purposes only, and do not imply an expression of opinion by the Secretariat concerning the status of any country or territory, the delimitation of its frontiers, nor the rights and obligations of any WTO member in respect of WTO agreements.

The data supplied in the World Trade Report 2019 are valid as of 31 July 2019.

## Composition of regions and other economic groupings Regions

### North America

Bermuda	Canada*	Mexico*	Saint Pierre and Miquelon	United States of America*
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Other territories in the region not elsewhere specified

### South and Central America and the Caribbean

Antigua and Barbuda*	Chile*	El Salvador*	Nicaragua*	Suriname*
Argentina*	Colombia*	Grenada*	Panama*	Trinidad and Tobago*
Aruba, the Netherlands with respect to	Costa Rica*	Guatemala*	Paraguay*	Uruguay*
Bahamas**	Cuba*	Guyana*	Peru*	Venezuela, Bolivarian Republic of*
Barbados*	Curaçao	Haiti*	Saint Kitts and Nevis*	
Belize*	Dominica*	Honduras*	Saint Lucia*	
Bolivia, Plurinational State of*	Dominican Republic*	Jamaica*	Saint Martin	
Brazil*	Ecuador*	Montserrat	Saint Vincent and the Grenadines*	

Other territories in the region not elsewhere specified

### Europe

Albania*	Czech Republic*	Iceland*	Montenegro*	Slovak Republic*
Andorra**	Denmark*	Ireland*	Netherlands*	Slovenia*
Austria*	Estonia*	Italy*	North Macedonia*	Spain*
Belgium*	Finland*	Latvia*	Norway*	Sweden*
Bosnia and Herzegovina**	France*	Liechtenstein*	Poland*	Switzerland*
Bulgaria*	Germany*	Lithuania*	Portugal*	Turkey*
Croatia*	Greece*	Luxembourg*	Romania*	United Kingdom*
Cyprus*	Hungary*	Malta*	Serbia**	

Other territories in the region not elsewhere specified

### Commonwealth of Independent States (CIS), including associate and former member States

Armenia*	Georgia*	Moldova, Republic of*	Turkmenistan	
Azerbaijan**	Kazakhstan*	Russian Federation*	Ukraine*	
Belarus**	Kyrgyz Republic*	Tajikistan*	Uzbekistan**	

Other territories in the region not elsewhere specified

Africa				
Algeria**	Congo*	Ghana*	Mauritius*	Somalia**
Angola*	Côte d'Ivoire*	Guinea*	Morocco*	South Africa*
Benin*	Democratic Republic of the Congo*	Guinea-Bissau*	Mozambique*	South Sudan**
Botswana*	Djibouti*	Kenya*	Namibia*	Sudan**
Burkina Faso*	Egypt*	Lesotho*	Niger*	Tanzania*
Burundi*	Equatorial Guinea**	Liberia*	Nigeria*	Togo*
Cabo Verde*	Eritrea	Libya**	Rwanda*	Tunisia*
Cameroon*	Eswatini*	Madagascar*	São Tomé and Príncipe**	Uganda*
Central African Republic*	Ethiopia**	Malawi*	Senegal*	Zambia*
Chad*	Gabon*	Mali*	Seychelles*	Zimbabwe*
Comoros**	The Gambia*	Mauritania*	Sierra Leone*	
Other territories in the region not elsewhere specified				
Middle East				
Bahrain, Kingdom of*	Israel*	Lebanese Republic**	Saudi Arabia, Kingdom of*	Yemen*
Iran**	Jordan*	Oman*	Syrian Arab Republic**	
Iraq**	Kuwait, the State of*	Qatar*	United Arab Emirates*	
Other territories in the region not elsewhere specified				
Asia				
Afghanistan*	Hong Kong, China*	Malaysia*	Niue	Chinese Taipei*
Australia*	India*	Maldives*	Pakistan*	Thailand*
Bangladesh*	Indonesia*	Marshall Islands	Palau	Timor-Leste**
Bhutan**	Japan*	Micronesia, Federated States of	Papua New Guinea*	Tonga*
Brunei Darussalam*	Kiribati	Mongolia*	Philippines*	Tuvalu
Cambodia*	Korea, Republic of*	Myanmar*	Samoa*	Vanuatu*
China*	Korea, Democratic People's Republic of	Nauru	Singapore*	Viet Nam*
Cook Islands	Lao People's Democratic Republic*	Nepal*	Solomon Islands*	
Fiji*	Macao, China*	New Zealand*	Sri Lanka*	
Other territories in the region not elsewhere specified				
Regional trade agreements				
Andean Community (CAN)				
Bolivia, Plurinational State of	Colombia	Ecuador	Peru	
Association of Southeast Asian Nations (ASEAN)				
Brunei Darussalam	Indonesia	Malaysia	Philippines	Thailand
Cambodia	Lao People's Democratic Republic	Myanmar	Singapore	Viet Nam
Central American Common Market (CACM)				
Costa Rica	El Salvador	Guatemala	Honduras	Nicaragua
Caribbean Community (CARICOM)				
Antigua and Barbuda	Belize	Guyana	Montserrat	Saint Vincent and the Grenadines
Bahamas	Dominica	Haiti	Saint Kitts and Nevis	Suriname
Barbados	Grenada	Jamaica	Saint Lucia	Trinidad and Tobago

\*WTO members

\*\*Observer governments

<b>Central African Economic and Monetary Community (CEMAC)</b>				
Cameroon	Chad	Congo	Equatorial Guinea	Gabon
Central African Republic				
<b>Common Market for Eastern and Southern Africa (COMESA)</b>				
Burundi	Eritrea	Madagascar	Somalia	Zimbabwe
Comoros	Eswatini	Malawi	Sudan	
Democratic Republic of the Congo	Ethiopia	Mauritius	Tunisia	
Djibouti	Kenya	Rwanda	Uganda	
Egypt	Libya	Seychelles	Zambia	
<b>Economic Community of West African States (ECOWAS)</b>				
Benin	Côte d'Ivoire	Guinea	Mali	Senegal
Burkina Faso	The Gambia	Guinea-Bissau	Niger	Sierra Leone
Cabo Verde	Ghana	Liberia	Nigeria	Togo
<b>European Free Trade Association (EFTA)</b>				
Iceland	Liechtenstein	Norway	Switzerland	
<b>European Union (28)</b>				
Austria	Denmark	Hungary	Malta	Slovenia
Belgium	Estonia	Ireland	Netherlands	Spain
Bulgaria	Finland	Italy	Poland	Sweden
Croatia	France	Latvia	Portugal	United Kingdom
Cyprus	Germany	Lithuania	Romania	
Czech Republic	Greece	Luxembourg	Slovak Republic	
<b>Gulf Cooperation Council (GCC)</b>				
Bahrain, Kingdom of	Oman	Qatar	Saudi Arabia, Kingdom of	United Arab Emirates
Kuwait, the State of				
<b>Southern Common Market (MERCOSUR)</b>				
Argentina	Brazil	Paraguay	Uruguay	Venezuela, Bolivarian Republic of
<b>North American Free Trade Agreement (NAFTA)</b>				
Canada	Mexico	United States of America		
<b>Southern African Development Community (SADC)</b>				
Angola	Eswatini	Malawi	Namibia	Tanzania
Botswana	Lesotho	Mauritius	Seychelles	Zambia
Comoros	Madagascar	Mozambique	South Africa	Zimbabwe
Democratic Republic of the Congo				
<b>South Asia Free Trade Agreement (SAFTA)</b>				
Afghanistan	Bhutan	Maldives	Pakistan	Sri Lanka
Bangladesh	India	Nepal		
<b>West African Economic and Monetary Union (WAEMU)</b>				
Benin	Côte d'Ivoire	Mali	Senegal	Togo
Burkina Faso	Guinea-Bissau	Niger		



Other groups				
African, Caribbean and Pacific countries (ACP)				
Angola	Côte d'Ivoire	Guinea-Bissau	Namibia	Solomon Islands
Antigua and Barbuda	Cuba	Guyana	Nauru	Somalia
Bahamas	Democratic Republic of the Congo	Haiti	Niger	South Africa
Barbados	Djibouti	Jamaica	Nigeria	Sudan
Belize	Dominica	Kenya	Niue	Suriname
Benin	Dominican Republic	Kiribati	Palau	Tanzania
Botswana	Equatorial Guinea	Lesotho	Papua New Guinea	Timor-Leste
Burkina Faso	Eritrea	Liberia	Rwanda	Togo
Burundi	Eswatini	Madagascar	Saint Kitts and Nevis	Tonga
Cabo Verde	Ethiopia	Malawi	Saint Lucia	Trinidad and Tobago
Cameroon	Fiji	Mali	Saint Vincent and the Grenadines	Tuvalu
Central African Republic	Gabon	Marshall Islands	Samoa	Uganda
Chad	The Gambia	Mauritania	São Tomé and Príncipe	Vanuatu
Comoros	Ghana	Mauritius	Senegal	Zambia
Congo	Grenada	Micronesia, Federated States of	Seychelles	Zimbabwe
Cook Islands	Guinea	Mozambique	Sierra Leone	
Africa				
North Africa				
Algeria	Egypt	Libya	Morocco	Tunisia
Sub-Saharan Africa				
Western Africa				
Benin	The Gambia	Guinea-Bissau	Mauritania	Senegal
Burkina Faso	Ghana	Liberia	Niger	Sierra Leone
Cabo Verde	Guinea	Mali	Nigeria	Togo
Côte d'Ivoire				
Central Africa				
Burundi	Central African Republic	Congo	Equatorial Guinea	Rwanda
Cameroon	Chad	Democratic Republic of the Congo	Gabon	São Tomé and Príncipe
Eastern Africa				
Comoros	Kenya	Mayotte	Seychelles	Sudan
Djibouti	Madagascar	Reunion	Somalia	Tanzania
Eritrea	Mauritius	Rwanda	South Sudan	Uganda
Ethiopia				
Southern Africa				
Angola	Eswatini	Malawi	Namibia	Zambia
Botswana	Lesotho	Mozambique	South Africa	Zimbabwe
Territories in Africa not elsewhere specified				
Asia				
East Asia				
China	Japan	Korea, Republic of	Mongolia	
Hong Kong, China	Korea, Democratic People's Republic of	Macao, China	Chinese Taipei	
Southeast Asia				
Brunei Darussalam	Lao People's Democratic Republic	Myanmar	Singapore	Timor-Leste
Cambodia	Malaysia	Philippines	Thailand	Viet Nam
Indonesia				

<i>South Asia</i>				
Afghanistan	Bhutan	Maldives	Pakistan	Sri Lanka
Bangladesh	India	Nepal		
<i>Oceania</i>				
Australia	Tuvalu	Kiribati	New Zealand	Solomon Islands
Nauru	Fiji	Marshall Islands	Papua New Guinea	Tonga
Palau	Indonesia	Micronesia, Federated States of	Samoa	Vanuatu
<b>Asia-Pacific Economic Cooperation (APEC)</b>				
Australia	Hong Kong, China	Mexico	Russian Federation	Thailand
Brunei Darussalam	Indonesia	New Zealand	Singapore	United States
Canada	Japan	Papua New Guinea	Chinese Taipei	Viet Nam
Chile	Korea, Republic of	Peru		
China	Malaysia	Philippines		
<b>BRICS</b>				
Brazil	China	India	Russian Federation	South Africa
<b>Developed economies</b>				
North America (except Mexico)	European Union (28)	EFTA (Iceland, Liechtenstein, Norway, Switzerland)	Australia, Japan and New Zealand	
<b>Developing economies</b>				
Africa	South and Central America and the Caribbean, Mexico	Europe except the European Union (28) and EFTA; Middle East	Asia except Australia, Japan and New Zealand	
<b>LDCs (least-developed countries)</b>				
Afghanistan	Comoros	Kiribati	Nepal	Tanzania
Angola	Democratic Republic of the Congo	Lao People's Democratic Republic	Niger	Timor-Leste
Bangladesh	Djibouti	Lesotho	Rwanda	Togo
Benin	Equatorial Guinea	Liberia	São Tomé and Príncipe	Tuvalu
Bhutan	Eritrea	Madagascar	Senegal	Uganda
Burkina Faso	Ethiopia	Malawi	Sierra Leone	Vanuatu
Burundi	The Gambia	Mali	Solomon Islands	Yemen
Cambodia	Guinea	Mauritania	Somalia	Zambia
Central African Republic	Guinea-Bissau	Mozambique	South Sudan	
Chad	Haiti	Myanmar	Sudan	
<b>Six East Asian traders</b>				
Hong Kong, China	Malaysia	Singapore	Chinese Taipei	Thailand
Korea, Republic of				
<b>Pacific Alliance</b>				
Chile	Colombia	Mexico	Peru	

# Abbreviations and symbols

AI	artificial intelligence	I-TIP	WTO Integrated Trade Intelligence Portal
APEC	Asia-Pacific Economic Cooperation	ITU	International Telecommunication Union
ASEAN	Association of Southeast Asian Nations	LDC	least-developed country
AVE	ad valorem equivalent	LSP	logistics services providers
B2B	business-to-business	MRA	mutual recognition agreement
BPO	business process outsourcing	MSME	micro, small and medium-sized enterprise
CARICOM	Caribbean Community	nec	not elsewhere classified
CETA	Comprehensive Economic and Trade Agreement	OECD	Organisation for Economic Co-operation and Development
CGE	computable general equilibrium	P2P	person-to-person
CIS	Commonwealth of Independent States	R&D	research and development
COMESA	Common Market for Eastern and Southern Africa	RTA	regional trade agreement
CPTPP	Comprehensive and Progressive Agreement for Trans-Pacific Partnership	SDG	Sustainable Development Goal
DST	digital services tax	STPD	WTO Services Trade Policy Database
EAC	East African Community	STRI	World Bank Services Trade Restrictions Index
EAEU	Eurasian Economic Union	TiVA	Trade in Value-Added
EFTA	European Free Trade Association	TSA	OECD Tourism Satellite Account
EU	European Union	UK	United Kingdom
FDI	foreign direct investment	UN	United Nations
GATS	General Agreement on Trade in Services	UNCTAD	United Nations Conference on Trade and Development
GATT	General Agreement on Tariffs and Trade	US	United States of America
GDP	gross domestic product	WIOD	World Input Output Database
GTAP	Global Trade Analysis Project	WHO	World Health Organization
GVC	global value chain	WPDR	Working Party on Domestic Regulation
ICAO	International Civil Aviation Organization	WTO	World Trade Organization
ICT	information and communications technology		
ILO	International Labour Organization		
IMF	International Monetary Fund		
IMO	International Maritime Organization		
IO	international organization		
IP	intellectual property		
IPR	intellectual property rights		
ISIC	International Standard Industrial Classification of All Economic Activities		
ITC	International Trade Centre		

# List of figures, tables and boxes

## A Introduction

### Figures

Figure A.1:	Trade in goods has grown more slowly than trade in commercial services	14
Figure A.2:	Services account for an increasing share of GDP	16

## B Services trade in numbers

### Figures

Figure B.1:	Commercial presence is the most important mode in trade in services	24
Figure B.2:	Distribution and financial services are the most traded services	25
Figure B.3:	EU and US cross-border financial and insurance services exports are growing faster than exports through foreign-controlled affiliates	26
Figure B.4:	World trade in air passenger transport services and world trade in tourism develop in parallel	27
Figure B.5:	China's construction exports are escalating	28
Figure B.6:	IT services are exported across borders and through the presence of individuals	29
Figure B.7:	Films, music and software drive US exports of IP-related services	29
Figure B.8:	Trade in IP-related services is dominated by developed economies	30
Figure B.9:	Developing economies rise in world trade in services but LDCs continue to lag behind	32
Figure B.10:	Five Asian economies account for more than half of developing economies' exports and imports	33
Figure B.11:	The top five developing economies have modified their way of exporting services over time	34
Figure B.12:	For the top five developing economies, commercial presence is the dominant mode for exporting services	34
Figure B.13:	The other 125 developing economies export services differently	35
Figure B.14:	Participation in services exports is positively correlated with firm size	36
Figure B.15:	Services MSMEs in LDCs export only 1.8 per cent of their sales	37
Figure B.16:	MSMEs engaged in services start exporting in four years on average, compared to six years for MSMEs in manufacturing	37
Figure B.17:	In Europe, participation by MSMEs in services trade varied across countries in 2014	38
Figure B.18:	Professional, scientific and technical activities had the highest export intensity after transportation and storage in European countries in 2014	39
Figure B.19:	Female employment in services is positively correlated with economic development	39
Figure B.20:	Female employment is concentrated in the least-traded services sectors	40
Figure B.21:	Firms owned by women are under-represented in services exports	41
Figure B.22:	In Canada, MSMEs owned by women are largely in services	44



Figure B.23:	Services account for close to half of world exports in terms of value-added	45
Figure B.24:	The share of services value-added in manufacturing exports is highest in Europe and is increasing in Asia	46
Figure B.25:	Services have similar relative importance for exports in different manufacturing sectors	47
Figure B.26:	Services value-added constitutes 90 per cent in services exports	48

### Boxes

Box B.1:	What is TISMOS?	24
----------	-----------------	----

### Opinion pieces

Alan Beattie, "The case of the missing services"	23
Sonja Grater, Ali Parry and Wilma Viviers, "MSMEs and services trade: A pathway to inclusive growth in developing economies?"	42

## C Why services trade matters

### Figures

Figure C.1:	The services sector constitutes the biggest share of the global economy	53
Figure C.2:	Total factor productivity in some services sectors exceeds that of manufacturing	54
Figure C.3:	The share of intangible assets in business investment in OECD countries is significant	55
Figure C.4:	The share of domestic value-added in tourism is higher than in total exports	59
Figure C.5:	Domestic supply chains have a significant role in products and services purchased by tourists	60
Figure C.6:	Other services sectors make major contributions to tourism	60
Figure C.7:	In the last decade, many economies have experienced welfare gains from more cross-border trade in services	63
Figure C.8:	In the last decade, the GDP per capita of many economies rose as a result of more cross-border trade in services	64
Figure C.9:	The share of services in total employment has been on the rise across the world	70
Figure C.10:	The services sector requires more years of education on average	71
Figure C.11:	Cross-border services exports support a high share of employment in developing countries	73
Figure C.12:	Employment in business-to-business services is significantly more concentrated in particular locations than employment in manufacturing industries	75
Figure C.13:	Services employment is higher in urban areas than in rural districts of India	75
Figure C.14:	The share of professionals in services sectors with a license differs widely across industries	77

### Tables

Table C.1:	Welfare (per capita GDP) gains from services trade	65
------------	--	----

**Boxes**

Box C.1:	Technological developments and productivity in services	54
Box C.2:	Assessing the impact of tourism exports through trade in value-added	59
Box C.3:	Methodologies underlying welfare calculations	62

**Opinion pieces**

Matteo Fiorini and Bernard Hoekman, "Services trade policy and the United Nations Sustainable Development Goals (SDGs)"	66
Rupa Chanda, "Ensuring inclusive services trade: role of complementary domestic policies"	78

**D Services trade in the future****Figures**

Figure D.1:	Trade costs are highest for services	85
Figure D.2:	Services trade costs are lowest among advanced economies	85
Figure D.3:	Services sectors with low trade costs	86
Figure D.4:	Services sectors with high or medium trade costs	87
Figure D.5:	Policy-related factors account for a significant part of trade costs	87
Figure D.6:	Trade in ICT-enabled services has been growing steadily	89
Figure D.7:	Some services sectors face high restrictions	92
Figure D.8:	Services trade restrictions vary by mode of supply	94
Figure D.9:	Globally, services sectors saw changes in trade restrictions	95
Figure D.10:	The digital regulatory environment has tightened	95
Figure D.11:	Regulatory heterogeneity is lowest among OECD countries	97
Figure D.12:	Investment in infrastructure differs across regions	97
Figure D.13:	Access to digital infrastructure differs according to development levels	98
Figure D.14:	Broadband subscriptions grew exponentially over the past decade	99
Figure D.15:	The manufacturing sector is increasingly reliant on services	104
Figure D.16:	The share of foreign services value-added in world gross exports is stable and is even slightly increasing	105
Figure D.17:	The number of women in high-skilled jobs is increasing	107
Figure D.18(a):	The population in developed countries is ageing	108
Figure D.18(b):	The young population in developing countries is growing	108
Figure D.19:	Expenditure on services differs by age group	108
Figure D.20:	The correlation between the old age dependency ratio and aggregate health expenditure is positive	109
Figure D.21:	Five of the top ten fastest growing occupations in the United States are related to healthcare	110
Figure D.22:	The most consumed services in China are housing, transport and communication	111
Figure D.23:	By 2030, Generation Z and the New Generation will constitute more than 50 per cent of the global population	112

Figure D.24:	The New Generation and Generation Z are the most active users of social media accounts	113
Figure D.25:	Total Netflix subscriptions have been increasing	113
Figure D.26:	Younger generations make the most use of YouTube in the United States	114
Figure D.27:	Countries' GDP is predicted to converge	115
Figure D.28:	The composition of expenditure changes according to income	115
Figure D.29:	The composition of services consumption changes according to income	116
Figure D.30:	As income grows, countries increasingly consume skills-intensive services	117
Figure D.31:	Global climate change has already had observable effects on the environment	118
Figure D.32:	New technologies are projected to reduce trade costs in least-developed economies	125
Figure D.33:	New technologies are projected to reduce trade costs in different services sectors	127
Figure D.34:	The share of services trade in total trade is projected to rise above 30 per cent in the scenario where all trade costs decline	130
Figure D.35:	Projected trade growth is highest in ICT services	130
Figure D.36:	Projected services trade growth is highest in least-developed countries	131
Figure D.37:	Projected services trade growth associated with reductions in services trade barriers is highest in least-developed countries	132
Figure D.38:	The importance of different services sectors in services trade varies with different scenarios	133
Figure D.39:	The share of developing and least-developed countries in services trade rises in scenarios with trade cost reductions	133

## Tables

Table D.1:	Innovation in digital technologies grows fast	100
Table D.2:	The old age dependency ratio increases the share of aggregate expenditure for health and education	109
Table D.3:	Projected macroeconomic growth rates vary across economies	124
Table D.4:	The share of services output in total output projected to rise	129

## Boxes

Box D.1:	Online workplace platforms stimulate trade in professional services	90
Box D.2:	Online platforms and the digital transformation of logistics	91
Box D.3:	World Bank-WTO Services Trade Policy Database and World Bank STRI	93
Box D.4:	Advancements in digital technologies are likely to continue in the future	100
Box D.5:	Digital technologies give rise to new concepts, such as telemedicine and telesurgery	101
Box D.6:	Challenges to taxation arising from the digitalization of services activities	102
Box D.7:	Fintech in sub-Saharan Africa	106
Box D.8:	Digital technologies provide new opportunities for women in services occupations	107
Box D.9:	Trade in online education services will increase with more interactive digital technologies and a growing young population in developing countries	111
Box D.10:	Online video content streaming	113

**Appendix tables**

Appendix Table D.1:	Aggregation of regions	138
Appendix Table D.2:	Aggregation of sectors	139
Appendix Table D.3:	Scaling factors of regions and sectors for the calculation of productivity growth and capital income share changes due to new technologies	140
Appendix Table D.4:	Estimation results share of ICT services used by different sectors as intermediate input in historical data and simulated data	141
Appendix Table D.5:	Regression of inferred trade costs on measures of trade costs	142
Appendix Table D.6:	Ad valorem equivalent trade cost reductions different trends (averages across economies)	143
Appendix Table D.7:	Ad valorem equivalent trade cost reductions different trends (sector averages)	144
Appendix Table D.8:	Regression of services trade, measures of trade costs, and the interaction between STRI and a border dummy	144
Appendix Table D.9:	Ad valorem trade cost reductions in three services sectors associated with reductions in STRI	145
Appendix Table D.10:	Face-to-face interactions and trade costs – bilateral sample	147
Appendix Table D.11:	Face-to-face interactions and trade costs – sector-level sample	148
Appendix Table D.12:	Additional real growth of exports (cumulative) in three services sectors as a result of reductions in the STRI	148

**Appendix figures**

Appendix figure D.1:	Greater importance of face-to-face communication is associated with larger trade costs in general	147
----------------------	---	-----

**Opinion pieces**

Richard Baldwin, “Digital technology and telemigration”	126
---	-----

**E What role for international cooperation on services trade policy?****Figures**

Figure E.1:	Services RTAs have grown significantly	163
Figure E.2:	Developing countries are increasingly parties to services RTAs	163
Figure E.3:	GATS commitments differ across different groups of members	168
Figure E.4:	GATS commitments vary by sector	169
Figure E.5:	Acceded members have committed more sectors than other members	169
Figure E.6:	Different modes of supply enjoy dissimilar levels of commitments	170
Figure E.7:	The incidence of commitments for acceded members is higher	171
Figure E.8:	RTA commitments go well beyond those undertaken in the WTO	173
Figure E.9:	GATS+ provisions on domestic regulatory measures have increased	179
Figure E.10:	RTAs progressively include more regulatory provisions	180
Figure E.11:	Mode 4 provisions in RTAs are on the rise	181

**Boxes**

Box E.1:	Fintech, regulation and international cooperation: the case of innovation offices and regulatory sandboxes	156
Box E.2:	The GATS in brief	158
Box E.3:	Extended negotiations on basic telecommunications and financial services	160
Box E.4:	What explains services trade agreements?	161
Box E.5:	FDI as a determinant of trade in services	178
Box E.6:	Trade in services and health worker mobility	183
Box E.7:	The complexity of services regulation – the case of network industries	187

**Appendix tables**

Appendix figure E.1:	Overview of relevant work of other international organizations	194
----------------------	--	-----

**Opinion pieces**

Natallie Rochester, “The potential of trade in services for developing countries”	166
Jane Drake-Brockman, “Why regulatory cooperation matters for business”	188



# WTO members

(As of 1 August 2019)

Afghanistan	Ghana	North Macedonia, Republic of
Albania	Greece	Norway
Angola	Grenada	Oman
Antigua and Barbuda	Guatemala	Pakistan
Argentina	Guinea	Panama
Armenia	Guinea-Bissau	Papua New Guinea
Australia	Guyana	Paraguay
Austria	Haiti	Peru
Bahrain, Kingdom of	Honduras	Philippines
Bangladesh	Hong Kong, China	Poland
Barbados	Hungary	Portugal
Belgium	Iceland	Qatar
Belize	India	Romania
Benin	Indonesia	Russian Federation
Bolivia, Plurinational State of	Ireland	Rwanda
Botswana	Israel	Saint Kitts and Nevis
Brazil	Italy	Saint Lucia
Brunei Darussalam	Jamaica	Saint Vincent and the Grenadines
Bulgaria	Japan	Samoa
Burkina Faso	Jordan	Saudi Arabia, Kingdom of
Burundi	Kazakhstan	Senegal
Cabo Verde	Kenya	Seychelles
Cambodia	Korea, Republic of	Sierra Leone
Cameroon	Kuwait, the State of	Singapore
Canada	Kyrgyz Republic	Slovak Republic
Central African Republic	Lao People's Democratic Republic	Slovenia
Chad	Latvia	Solomon Islands
Chile	Lesotho	South Africa
China	Liberia	Spain
Colombia	Liechtenstein	Sri Lanka
Congo	Lithuania	Suriname
Costa Rica	Luxembourg	Sweden
Côte d'Ivoire	Macao, China	Switzerland
Croatia	Madagascar	Chinese Taipei
Cuba	Malawi	Tajikistan
Cyprus	Malaysia	Tanzania
Czech Republic	Maldives	Thailand
Democratic Republic of the Congo	Mali	Togo
Denmark	Malta	Tonga
Djibouti	Mauritania	Trinidad and Tobago
Dominica	Mauritius	Tunisia
Dominican Republic	Mexico	Turkey
Ecuador	Moldova, Republic of	Uganda
Egypt	Mongolia	Ukraine
El Salvador	Montenegro	United Arab Emirates
Estonia	Morocco	United Kingdom
Eswatini	Mozambique	United States of America
European Union	Myanmar	Uruguay
Fiji	Namibia	Vanuatu
Finland	Nepal	Venezuela, Bolivarian Republic of
France	Netherlands	Viet Nam
Gabon	New Zealand	Yemen
The Gambia	Nicaragua	Zambia
Georgia	Niger	Zimbabwe
Germany	Nigeria	

# Previous World Trade Reports

## The future of world trade: How digital technologies are transforming global commerce

2018



The *World Trade Report 2018* examines how digital technologies – in particular the Internet of Things, artificial intelligence, 3D printing and Blockchain – affect trade costs, the nature of what is traded and the composition of trade. It estimates how global trade may be affected by these technologies over the next 15 years.

## Trade, technology and jobs

2017



The *World Trade Report 2017* examines how technology and trade affect employment and wages. It analyses the challenges for workers and firms in adjusting to changes in labour markets and how governments can facilitate such adjustment to ensure that trade and technology are inclusive.

## Levelling the trading field for SMEs

2016



The *World Trade Report 2016* examines the participation of small and medium-sized enterprises (SMEs) in international trade. It looks at how the international trade landscape is changing for SMEs and what the multilateral trading system does and can do to encourage SME participation in global markets.

## Speeding up trade: benefits and challenges of the WTO Trade Facilitation Agreement

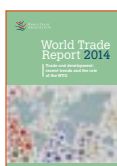
2015



The WTO Trade Facilitation Agreement (TFA), agreed by WTO members at the Ministerial Conference in December 2013, is the first multilateral trade agreement concluded since the establishment of the WTO in 1995. This Report is the first detailed study of the potential impacts of the TFA, based on analysis of the final agreement text.

## Trade and development: recent trends and the role of the WTO

2014



This Report looks at four major trends that have changed the relationship between trade and development since the start of the millennium: the economic rise of developing economies, the growing integration of global production through supply chains, the higher prices for agricultural goods and natural resources, and the increasing interdependence of the world economy.

## Factors shaping the future of world trade

2013



This Report looks at what has shaped global trade in the past and reviews how demographic change, investment, technological progress, developments in the transport and energy/natural resource sectors, as well as trade-related policies and institutions, will affect international trade.

## Trade and public policies: A closer look at non-tariff measures in the 21<sup>st</sup> century

2012



Regulatory measures for trade in goods and services raise challenges for international cooperation in the 21<sup>st</sup> century. This Report examines why governments use non-tariff measures and services measures and the extent to which these measures may distort international trade.

## The WTO and preferential trade agreements: From co-existence to coherence

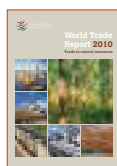
2011



The ever-growing number of preferential trade agreements (PTAs) is a prominent feature of international trade. This Report describes the historical development of PTAs and the current landscape of agreements. It examines why PTAs are established, their economic effects, the contents of the PTAs, and the interaction between PTAs and the multilateral trading system.

### Trade in natural resources

2010



This Report focuses on trade in natural resources, such as fuels, forestry, mining and fisheries. It examines the characteristics of trade in natural resources, the policy choices available to governments and the role of international cooperation, particularly of the WTO, in the proper management of trade in this sector.

### Trade policy commitments and contingency measures

2009



This Report examines the range and role of contingency measures available in trade agreements. It aims to analyse whether WTO provisions provide a balance between supplying governments with the necessary flexibility to face difficult economic situations and adequately defining these in a way that limits their use for protectionist purposes.

### Trade in a globalizing world

2008



This Report provides a reminder of the gains from international trade and highlights the challenges arising from higher levels of integration. It addresses the question of what constitutes and drives globalization, the benefits and challenges it brings, and the role trade plays in this world of ever-growing inter-dependency.

### Sixty years of the multilateral trading system: achievements and challenges

2007



On 1 January 2008 the multilateral trading system celebrated its 60<sup>th</sup> anniversary. The *World Trade Report 2007* celebrates this landmark anniversary with an in-depth look at the General Agreement on Tariffs and Trade (GATT) and its successor, the WTO – their origins and achievements, the challenges they have faced, and what the future holds.

### Exploring the links between subsidies, trade and the WTO

2006



This Report focuses on how subsidies are defined, what economic theory can tell us about subsidies, why governments use subsidies, the most prominent sectors in which they are applied and the role of the WTO Agreement in regulating subsidies in international trade.

### Trade, standards and the WTO

2005



This Report seeks to shed light on the various functions and consequences of standards, focusing on the economics of standards in international trade, the institutional setting for standard-setting and conformity assessment, and the role of WTO agreements in reconciling the legitimate policy uses of standards with an open, non-discriminatory trading system.

### Coherence

2004



This Report focuses on the notion of coherence in analysing interdependent policies: the interaction between trade and macroeconomic policy, the role of infrastructure in trade and economic development, domestic market structures, governance and institutions, and the role of international cooperation in promoting policy coherence.

### Trade and development

2003



This Report focuses on development. It explains the origin of this issue and offers a framework within which to address the question of the relationship between trade and development, thereby contributing to more informed discussion.



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# World Trade Report 2019

Services have become the most dynamic component of global trade, with an increasingly important role in the global economy and in everyday life. Yet the extent of services' contribution to global trade is not always fully understood.

The *World Trade Report 2019* attempts to remedy this, making use of a new dataset developed by the WTO that captures the various ways in which services are supplied across borders. The Report examines how trade in services has evolved in recent years and looks at why services trade matters. Major trends affecting trade in services, including demographic changes, digital technologies, rising incomes and climate change, are reviewed. The Report also estimates how services trade may evolve over the next 20 years and the prospects for enhancing international cooperation on services trade policy.

Trade costs for services are higher than those for goods but these costs are falling, largely due to the impact of digital technologies, the Report finds. It highlights how declining trade costs are expected to expand the share of services in global trade and how this could contribute to more inclusive growth and development. If economies are to reap the benefits of the growing role of services trade, international cooperation will need to intensify.

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