



4.6

Structure of service exports

	Commercial service exports		Transport		Travel		Insurance and financial services		Computer, information, communications, and other commercial services	
	\$ millions		% of total		% of total		% of total		% of total	
	1995	2007	1995	2007	1995	2007	1995	2007	1995	2007
Afghanistan	..	..	..	..	..	..	..	..	..	..
Albania	94	1,399	19.1	8.2	69.3	71.6	1.4	2.5	10.2	17.6
Algeria	..	..	..	..	..	..	..	..	..	..
Angola	113	311	31.8	5.4	0.7	72.4	9.2	..	59.0	22.2
Argentina	3,676	10,175	27.4	16.5	60.5	42.4	0.2	0.1	11.9	41.0
Armenia	27	571	53.4	23.3	5.2	53.4	6.7	3.3	41.3	20.0
Australia	16,076	39,727	29.3	18.2	50.6	56.4	5.4	3.7	14.8	21.7
Austria	31,692	55,210	11.8	21.7	42.4	34.0	3.9	5.1	41.9	39.2
Azerbaijan	166	1,172	45.9	51.6	42.3	15.2	0.1	0.7	11.7	32.6
Bangladesh	469	685	15.0	11.7	5.3	11.1	0.1	4.6	79.6	72.6
Belarus	466	3,235	64.8	72.5	5.0	10.0	0.5	0.4	29.7	17.1
Belgium	33,619 ^a	76,875	29.4 ^a	32.3	17.4 ^a	14.2	14.8 ^a	6.1	38.4 ^a	47.4
Benin	159	196	25.8	14.9	53.2	59.2	6.9	2.5	14.1	23.5
Bolivia	174	453	44.8	13.3	31.5	57.2	9.8	12.9	13.9	16.6
Bosnia and Herzegovina	457	1,361	3.8	12.2	54.1	53.6	2.6	3.4	39.5	30.8
Botswana	236	922	16.2	9.0	68.5	59.2	7.8	3.7	7.5	28.1
Brazil	6,005	22,555	43.3	18.0	16.2	22.0	16.9	7.2	23.6	52.8
Bulgaria	1,431	6,333	34.5	30.0	33.0	49.4	7.6	1.3	32.5	19.3
Burkina Faso	38	..	17.3	..	47.8	..	..	..	34.8	..
Burundi	4	7	46.2	21.2	32.4	20.2	0.5	0.0	21.0	58.6
Cambodia	103	1,510	30.5	13.9	51.7	75.1	..	0.9	17.7	10.1
Cameroon	242	476	48.3	38.7	14.8	37.2	7.2	5.1	29.7	19.0
Canada	25,425	61,386	20.7	18.5	31.1	25.4	11.4	9.1	36.8	46.9
Central African Republic	0	..	34.1	..	33.9	..	19.6	..	12.5	..
Chad	23	..	4.5	..	49.8	..	1.7	..	43.9	..
Chile	3,249	8,677	36.8	59.1	28.0	16.4	7.4	3.0	27.8	21.5
China	18,430	121,654	18.2	25.7	47.4	30.6	10.1	0.9	24.4	42.7
Hong Kong, China	33,790	83,563	32.5	30.9	16.8	16.0	9.2	13.3	41.5	39.8
Colombia	1,641	3,559	34.4	31.0	40.0	46.9	6.5	1.9	19.1	20.2
Congo, Dem. Rep.	..	..	..	..	..	..	..	..	..	..
Congo, Rep.	61	303	52.2	4.0	22.4	18.0	0.0	31.4	25.4	46.6
Costa Rica	957	3,598	14.0	9.5	71.2	56.4	-0.2	0.3	14.9	33.8
Côte d'Ivoire	426	787	28.9	28.7	20.9	13.2	12.3	12.8	37.9	58.1
Croatia	2,223	12,524	31.8	12.3	60.7	73.7	1.3	0.7	6.2	13.3
Cuba	..	..	..	..	..	..	..	..	..	..
Czech Republic	6,638	17,144	22.0	29.4	43.4	38.7	1.1	1.8	33.5	30.1
Denmark	15,171	61,608	44.6	47.1	24.3	15.6	..	..	31.0	37.4
Dominican Republic	1,894	4,740	2.2	7.4	82.9	86.1	0.1	0.9	14.9	5.5
Ecuador	687	1,087	46.8	31.9	37.1	57.4	0.0	..	16.0	10.7
Egypt, Arab Rep.	8,262	19,660	38.8	35.3	32.5	47.3	1.0	0.9	27.8	16.5
El Salvador	342	1,454	28.3	25.2	25.0	58.2	7.8	2.7	39.0	13.8
Eritrea	49	..	70.4	..	3.1	..	1.0	..	26.5	..
Estonia	868	4,336	43.0	41.4	41.1	23.9	0.4	3.3	15.5	31.4
Ethiopia	310	1,185	76.9	61.9	5.3	14.9	1.5	4.9	16.4	18.3
Finland	7,334	20,154	28.1	13.8	22.4	14.0	2.0	1.6	47.5	70.7
France	83,108	144,680	24.6	23.1	33.2	37.4	5.3	2.1	36.9	37.3
Gabon	191	120	46.4	22.0	9.0	7.7	3.3	24.1	41.3	46.2
Gambia, The	38	114	21.7	17.4	73.4	65.3	0.3	0.3	4.7	17.0
Georgia	188	976	48.2	52.4	25.0	39.3	..	2.3	26.9	6.0
Germany	73,576	210,820	27.0	24.4	24.5	17.1	5.0	8.3	43.5	50.1
Ghana	139	1,614	58.7	19.4	7.9	56.3	3.0	0.8	30.3	23.6
Greece	9,528	42,984	3.9	54.2	43.4	36.2	0.3	1.3	52.4	8.3
Guatemala	628	1,599	8.6	11.6	33.9	65.9	4.0	1.9	53.6	20.6
Guinea	17	44	75.3	13.6	5.1	0.4	1.4	0.6	18.2	85.4
Guinea-Bissau	2	6	18.2	22.9	14.0	16.6	..	19.5	81.8	41.0
Haiti	98	152	5.1	..	91.9	91.8	0.6	..	2.4	8.2

Structure of service exports

4.6

ECONOMY

	Commercial service exports		Transport		Travel		Insurance and financial services		Computer, information, communications, and other commercial services	
	\$ millions		% of total		% of total		% of total		% of total	
	1995	2007	1995	2007	1995	2007	1995	2007	1995	2007
Honduras	221	732	25.6	5.6	36.3	76.0	2.0	3.1	36.1	15.2
Hungary	5,086	16,642	8.0	19.4	57.6	28.5	3.2	1.7	31.3	50.4
India	6,763	89,746	28.0	10.2	38.2	11.9	2.5	4.2	31.4	73.7
Indonesia	5,342	12,065	1.1	18.3	97.9	44.3	..	2.5	2.1	34.9
Iran, Islamic Rep.	533	..	25.9	..	12.6	..	8.8	..	52.7	..
Iraq	..	353	..	57.8	..	40.8	..	0.4	..	1.0
Ireland	4,799	88,994	22.2	3.9	46.1	6.9	17.9	24.9	31.7	64.2
Israel	7,906	21,091	25.5	21.3	37.9	14.5	0.2	0.1	36.5	64.1
Italy	61,173	110,468	17.7	16.1	47.0	38.6	6.6	4.9	28.8	40.3
Jamaica	1,568	2,665	16.0	16.8	68.2	71.5	1.1	3.0	14.7	8.7
Japan	63,966	127,060	35.2	33.1	5.0	7.4	0.9	5.9	58.8	53.6
Jordan	1,689	3,298	24.8	19.3	39.1	70.1	0.2	..	36.1	10.6
Kazakhstan	535	3,242	65.7	53.5	22.7	31.3	0.0	3.4	11.6	11.8
Kenya	1,183	2,177	59.4	51.7	35.7	41.8	1.4	0.3	3.4	6.2
Korea, Dem. Rep.	..	..	..	..	..	..	..	..	..	..
Korea, Rep.	22,133	61,536	41.9	54.9	23.3	9.4	0.4	7.3	34.5	28.5
Kuwait	1,124	8,572	83.6	34.1	10.7	2.6	5.7	1.4	..	61.9
Kyrgyz Republic	39	654	39.6	21.3	11.9	52.9	0.6	1.3	48.4	24.5
Lao PDR	68	278	22.8	..	76.0	..	0.6	..	0.6	..
Latvia	718	3,633	91.9	50.8	2.8	18.5	2.4	7.7	3.0	23.0
Lebanon	..	12,516	..	4.6	..	39.9	..	3.1	..	52.4
Lesotho	30	68	7.0	1.0	90.9	63.0	1.4	-0.1	0.7	36.2
Liberia	..	156	..	13.0	..	84.3	..	..	..	2.8
Libya	20	99	62.7	25.4	12.0	74.6	..	..	25.3	..
Lithuania	482	3,980	59.6	59.0	16.0	29.0	0.9	0.6	23.5	11.4
Macedonia, FYR	151	581	32.0	32.0	13.6	22.2	3.6	1.9	50.7	43.9
Madagascar	219	420	29.8	28.2	26.3	43.7	2.2	0.1	41.6	28.1
Malawi	24	..	27.6	..	72.4	..	0.3	..	..	..
Malaysia	11,438	28,184	21.6	25.0	34.7	45.8	0.1	1.6	43.7	27.6
Mali	68	291	32.5	13.4	37.3	60.1	5.1	2.4	25.2	24.1
Mauritania	19	..	9.1	..	57.9	..	..	..	33.0	..
Mauritius	773	2,194	25.8	19.6	55.6	59.4	0.0	1.9	18.5	19.0
Mexico	9,585	17,726	12.1	11.3	64.5	72.8	6.7	11.3	16.7	4.6
Moldova	143	631	29.5	46.3	39.8	26.0	11.6	1.0	19.1	26.7
Mongolia	47	483	31.7	44.4	43.6	46.6	5.3	2.0	19.5	7.0
Morocco	2,020	11,490	20.3	15.8	64.2	62.5	1.4	0.6	14.2	21.1
Mozambique	242	404	24.8	31.8	..	40.4	..	1.6	75.2	26.2
Myanmar	353	321	6.5	35.1	42.7	26.8	0.0	..	50.9	38.1
Namibia	301	580	..	20.7	92.4	74.9	1.5	0.9	6.2	3.5
Nepal	592	340	9.3	10.9	30.0	58.9	..	0.9	60.7	29.3
Netherlands	44,646	94,212	40.4	29.2	14.7	14.2	1.2	2.1	43.7	54.5
New Zealand	4,401	9,178	34.7	21.7	52.7	58.9	0.1	1.2	12.6	18.2
Nicaragua	94	332	17.7	12.8	52.5	76.8	2.5	1.2	27.4	9.2
Niger	12	84	3.3	10.5	57.8	43.1	0.0	4.4	38.9	42.0
Nigeria	608	1,333	16.4	82.8	2.8	16.1	0.6	0.3	80.2	0.8
Norway	13,458	40,357	63.3	47.3	16.6	10.5	3.7	3.2	16.4	39.0
Oman	13	1,163	..	33.1	..	55.5	..	0.7	..	10.7
Pakistan	1,432	2,221	58.0	48.2	7.7	12.4	1.0	4.6	33.4	34.7
Panama	1,298	4,854	60.4	53.7	23.8	24.4	6.1	8.1	9.6	13.8
Papua New Guinea	321	285	10.8	10.9	7.8	1.3	1.2	5.4	80.2	82.4
Paraguay	566	774	13.3	16.6	24.3	13.1	5.0	4.3	57.4	65.9
Peru	1,042	3,209	32.5	19.7	41.1	60.4	7.2	10.0	19.3	9.8
Philippines	9,323	8,448	2.9	15.6	12.2	58.4	0.7	1.2	84.2	24.8
Poland	10,637	28,694	28.6	32.2	21.7	36.9	8.3	1.2	41.4	29.6
Portugal	8,161	22,906	18.6	25.7	59.2	44.4	4.5	2.1	17.7	27.9
Puerto Rico	..	..	..	..	..	..	..	..	..	..



4.6

Structure of service exports

	Commercial service exports		Transport		Travel		Insurance and financial services		Computer, information, communications, and other commercial services	
	\$ millions		% of total		% of total		% of total		% of total	
	1995	2007	1995	2007	1995	2007	1995	2007	1995	2007
Romania	1,476	10,398	31.9	24.4	40.0	14.1	5.4	16.6	22.7	44.9
Russian Federation	10,567	39,119	35.8	30.2	40.8	24.6	0.6	4.0	22.8	41.2
Rwanda	11	126	60.6	28.5	21.9	51.8	1.1	0.7	17.6	19.0
Saudi Arabia	3,475	7,901	..	..	..	..	..	..	..	..
Senegal	364	712	15.4	15.9	46.1	35.1	0.6	2.6	37.9	46.4
Serbia	..	3,140	..	23.1	..	27.6	..	1.8	..	47.6
Sierra Leone	71	42	13.7	36.7	80.5	52.0	0.3	2.0	5.6	9.3
Singapore	25,404	69,712	32.7	33.3	30.0	12.5	8.5	11.6	28.9	42.7
Slovak Republic	2,378	7,022	25.9	32.1	26.2	28.9	4.9	4.8	43.0	34.3
Slovenia	2,016	5,643	25.1	30.6	53.8	39.3	0.6	1.4	20.6	28.7
Somalia	..	..	..	..	..	..	..	..	..	..
South Africa	4,414	13,242	24.2	13.6	48.2	63.8	9.9	8.2	17.7	14.4
Spain	40,019	128,340	15.8	16.8	63.4	45.1	3.9	5.9	16.9	32.2
Sri Lanka	800	1,691	41.9	49.6	28.2	22.8	3.4	3.3	26.5	24.3
Sudan	82	342	0.9	3.1	9.7	76.6	3.7	7.9	85.8	12.4
Swaziland	150	447	18.2	2.0	32.2	7.1	0.0	6.9	49.6	84.0
Sweden	15,336	63,054	32.2	17.6	22.6	19.0	2.4	4.4	42.7	58.9
Switzerland	25,179	64,947	15.1	8.4	37.6	18.8	27.8	39.1	19.5	33.8
Syrian Arab Republic	1,632	2,649	14.5	8.2	77.1	76.4	..	2.4	8.4	12.9
Tajikistan	..	116	..	53.9	..	2.8	..	10.7	..	32.6
Tanzania	566	1,675	0.3	19.8	88.6	61.9	0.0	1.6	11.1	16.6
Thailand	14,652	30,124	16.8	21.1	54.8	55.3	0.7	1.0	27.7	22.5
Timor-Leste	..	..	..	..	..	..	..	..	..	..
Togo	64	175	33.9	38.6	19.9	11.8	1.8	3.8	44.3	45.8
Trinidad and Tobago	331	883	58.6	24.4	23.4	51.3	9.2	15.3	8.8	9.0
Tunisia	2,401	4,757	24.9	30.2	63.7	54.1	1.5	2.5	9.8	13.1
Turkey	14,475	28,253	11.8	21.9	34.2	65.4	1.5	3.7	52.4	9.0
Turkmenistan	79	..	79.9	..	9.3	..	0.9	..	10.0	..
Uganda	104	483	17.9	3.1	75.1	73.6	..	7.5	7.0	15.8
Ukraine	2,846	13,651	75.6	44.8	6.7	33.7	2.7	3.0	15.0	18.5
United Arab Emirates	..	..	..	..	..	..	..	..	..	..
United Kingdom	77,549	277,647	20.7	11.8	26.4	13.6	17.5	29.9	35.4	44.7
United States	198,501	472,679	22.7	16.3	37.7	25.2	4.2	14.5	35.5	43.9
Uruguay	1,309	1,735	30.5	35.1	46.7	46.6	1.5	4.6	21.3	13.7
Uzbekistan	..	..	..	..	..	..	..	..	..	..
Venezuela, RB	1,529	1,552	38.2	26.0	55.5	52.6	0.1	0.1	6.1	21.2
Vietnam	2,243	6,030	..	..	..	..	..	..	..	..
West Bank and Gaza	..	..	..	..	..	..	..	..	..	..
Yemen, Rep.	141	562	21.9	5.5	35.3	75.6	..	..	42.8	18.9
Zambia	112	279	64.3	34.5	25.9	49.5	..	6.5	9.8	9.5
Zimbabwe	353	..	26.4	..	50.6	..	0.3	..	22.7	..
World	1,211,160 t	3,355,922 t	26.9 w	23.7 w	32.5 w	26.6 w	5.9 w	8.4 w	36.2 w	42.1 w
Low income	11,661	33,841	27.3	26.4	15.9	19.8	..	2.6	55.4	51.3
Middle income	182,607	640,179	24.8	23.3	45.2	45.0	5.9	3.8	26.6	28.0
Lower middle income	90,944	380,479	21.4	23.5	47.6	41.7	6.3	1.7	28.3	33.1
Upper middle income	91,769	265,566	27.5	23.1	43.0	47.5	5.5	5.5	25.0	24.0
Low & middle income	194,194	675,065	24.9	24.4	43.8	44.1	5.7	3.7	27.9	27.9
East Asia & Pacific	62,745	211,292	17.4	23.3	49.2	40.6	7.1	1.3	30.6	34.8
Europe & Central Asia	48,999	168,014	37.2	32.9	32.6	32.9	2.3	3.8	28.1	30.5
Latin America & Carib.	37,663	93,750	24.0	18.2	51.3	55.4	6.9	7.1	17.9	19.3
Middle East & N. Africa	..	..	..	..	..	..	..	..	..	..
South Asia	10,333	95,745	31.8	19.3	29.7	13.7	2.1	4.2	36.4	62.8
Sub-Saharan Africa	12,142	38,309	26.2	32.5	31.3	46.3	5.8	5.5	40.1	16.6
High income	1,014,833	2,679,427	27.5	23.5	29.3	21.7	6.0	9.6	38.5	46.0
Euro Area	422,602	1,083,420	25.6	23.2	31.5	25.1	5.6	5.9	37.6	45.8

a. Includes Luxembourg.

About the data

Balance of payments statistics, the main source of information on international trade in services, have many weaknesses. Some large economies—such as the former Soviet Union—did not report data on trade in services until recently. Disaggregation of important components may be limited and varies considerably across countries. There are inconsistencies in the methods used to report items. And the recording of major flows as net items is common (for example, insurance transactions are often recorded as premiums less claims). These factors contribute to a downward bias in the value of the service trade reported in the balance of payments.

Efforts are being made to improve the coverage, quality, and consistency of these data. Eurostat and the Organisation for Economic Co-operation and Development, for example, are working together to improve the collection of statistics on trade in services in member countries. In addition, the International Monetary Fund (IMF) has implemented the new classification of trade in services introduced in the fifth edition of its *Balance of Payments Manual* (1993).

Still, difficulties in capturing all the dimensions of international trade in services mean that the record is likely to remain incomplete. Cross-border intrafirm service transactions, which are usually not captured in the balance of payments, have increased in recent years. An example is transnational corporations' use of mainframe computers around the clock for data processing, exploiting time zone differences between their home country and the host countries of their

affiliates. Another important dimension of service trade not captured by conventional balance of payments statistics is establishment trade—sales in the host country by foreign affiliates. By contrast, cross-border intrafirm transactions in merchandise may be reported as exports or imports in the balance of payments.

The data on exports of services in the table and on imports of services in table 4.7, unlike those in editions before 2000, include only commercial services and exclude the category "government services not included elsewhere." The data are compiled by the IMF based on returns from national sources. Data on total trade in goods and services from the IMF's Balance of Payments database are shown in table 4.15.

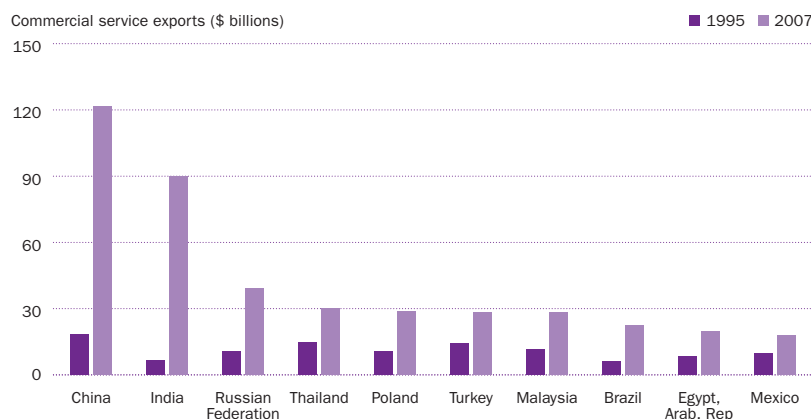
International transactions in services are defined by the IMF's *Balance of Payments Manual* (1993) as the economic output of intangible commodities that may be produced, transferred, and consumed at the same time. Definitions may vary among reporting economies. Travel services include the goods and services consumed by travelers, such as meals, lodging, and transport (within the economy visited), including car rental.

Definitions

- **Commercial service exports** are total service exports minus exports of government services not included elsewhere.
- **Transport** covers all transport services (sea, air, land, internal waterway, space, and pipeline) performed by residents of one economy for those of another and involving the carriage of passengers, movement of goods (freight), rental of carriers with crew, and related support and auxiliary services. Excluded are freight insurance, which is included in insurance services; goods procured in ports by nonresident carriers and repairs of transport equipment, which are included in goods; repairs of harbors, railway facilities, and airfield facilities, which are included in construction services; and rental of carriers without crew, which is included in other services.
- **Travel** covers goods and services acquired from an economy by travelers in that economy for their own use during visits of less than one year for business or personal purposes.
- **Insurance and financial services** cover freight insurance on goods exported and other direct insurance such as life insurance; financial intermediation services such as commissions, foreign exchange transactions, and brokerage services; and auxiliary services such as financial market operational and regulatory services.
- **Computer, information, communications, and other commercial services** cover such activities as international telecommunications and postal and courier services; computer data; news-related service transactions between residents and nonresidents; construction services; royalties and license fees; miscellaneous business, professional, and technical services; and personal, cultural, and recreational services.

Top 10 developing economy exporters of commercial services in 2007

4.6a



The top 10 developing economy exporters of commercial services accounted for almost 63 percent of developing economy commercial service exports and 13 percent of world commercial service exports.

Source: International Monetary Fund balance of payments data files.

Data sources

Data on exports of commercial services are from the IMF, which publishes balance of payments data in its *International Financial Statistics* and *Balance of Payments Statistics Yearbook*.