



4.7 Structure of service exports

	Commercial service exports		Transport		Travel		Others	
	\$ millions		% of total		% of total		% of total	
	1980	1998	1980	1998	1980	1998	1980	1998
Albania	11	83	45.5	15.7	9.1	65.1	45.5	19.3
Algeria	446	..	43.7	..	25.8	..	30.5	..
Angola	..	..	..	..	..	..	..	..
Argentina	1,427	4,507	56.4	23.8	24.1	67.1	19.5	9.1
Armenia	..	118	..	44.9	..	20.3	..	34.7
Australia	3,660	15,812	52.0	27.4	31.1	46.0	16.9	26.6
Austria	8,616	31,817	8.0	14.2	75.3	35.0	16.7	50.7
Azerbaijan	..	320	..	40.3	..	39.1	..	20.6
Bangladesh	172	252	22.7	36.5	9.3	20.6	68.0	42.9
Belarus	..	935	..	52.9	..	2.4	..	44.7
Belgium ^a	11,472	35,426	36.8	27.0	15.8	15.3	47.3	57.7
Benin	52	..	67.3	..	17.3	..	15.4	..
Bolivia	80	237	36.3	33.8	45.0	29.1	18.8	37.1
Bosnia and Herzegovina	..	..	..	..	..	..	..	..
Botswana	74	241	56.8	18.3	29.7	72.6	13.5	9.1
Brazil	1,672	7,083	48.6	26.3	7.5	18.6	43.8	55.1
Bulgaria	1,211	1,234	36.3	36.4	28.7	35.4	35.0	28.2
Burkina Faso	17	..	52.9	..	29.4	..	17.6	..
Burundi	..	..	..	..	..	..	..	..
Cambodia	..	99	..	38.4	..	44.4	..	17.2
Cameroon	348	..	55.7	..	17.8	..	26.4	..
Canada	7,115	30,281	35.7	19.6	35.8	30.9	28.5	49.5
Central African Republic	8	..	37.5	..	37.5	..	25.0	..
Chad	0	..	..	..	..	..	..	..
Chile	1,218	4,030	33.3	40.0	14.4	28.7	52.3	31.2
China	..	24,040	..	10.2	..	52.4	..	37.3
Hong Kong, China	5,763	34,171	45.8	34.8	22.8	24.4	31.4	40.8
Colombia	1,294	2,051	32.3	31.8	36.9	45.8	30.8	22.4
Congo, Dem. Rep.	..	..	..	..	..	..	..	..
Congo, Rep.	104	..	49.0	..	6.7	..	44.2	..
Costa Rica	183	1,315	26.2	15.1	46.4	68.6	27.3	16.3
Côte d'Ivoire	477	461	59.1	25.6	17.0	23.4	23.9	51.0
Croatia	..	3,964	..	14.3	..	68.9	..	16.8
Cuba	..	..	..	..	..	..	..	..
Czech Republic	..	7,366	..	18.9	..	50.8	..	30.3
Denmark	4,685	14,835	32.6	49.2	24.1	22.0	43.3	28.8
Dominican Republic	305	2,421	7.9	2.6	56.7	88.9	35.4	8.5
Ecuador	348	757	37.1	36.7	37.6	38.4	25.3	24.8
Egypt, Arab Rep.	2,321	7,832	54.0	31.8	25.5	32.8	20.4	35.4
El Salvador	122	277	20.5	15.2	10.7	30.3	68.9	54.5
Eritrea	..	..	..	..	..	..	..	..
Estonia	..	1,476	..	48.0	..	36.5	..	15.5
Ethiopia	100	348	67.0	51.7	7.0	10.6	26.0	37.6
Finland	2,676	7,154	35.8	28.9	25.6	25.6	38.6	45.5
France	42,156	84,627	25.0	24.1	19.6	35.4	55.4	40.5
Gabon	294	..	23.8	..	5.8	..	70.4	..
Gambia, The	18	..	0.0	..	100.0	..	0.0	..
Georgia	..	278	..	24.8	..	67.6	..	7.6
Germany ^b	25,764	78,903	34.2	25.7	19.4	20.8	46.4	53.4
Ghana	102	162	35.3	56.2	0.0	11.7	64.7	32.1
Greece	3,848	..	24.2	..	45.0	..	30.7	..
Guatemala	169	581	23.7	15.3	36.7	54.0	39.6	30.6
Guinea	..	66	..	74.2	..	1.5	..	24.2
Guinea-Bissau	..	..	..	..	..	..	..	..
Haiti	84	178	6.0	2.2	90.5	63.5	3.6	34.3
Honduras	73	361	41.1	20.2	34.2	45.4	24.7	34.3



Structure of service exports 4.7

	Commercial service exports		Transport		Travel		Others	
	\$ millions		% of total		% of total		% of total	
	1980	1998	1980	1998	1980	1998	1980	1998
Hungary	..	4,870	..	13.3	..	51.4	..	35.3
India	2,861	11,067	15.6	16.0	54.2	26.6	30.2	57.3
Indonesia	..	4,340	..	0.0	..	98.0	..	2.0
Iran, Islamic Rep.	731	902	4.5	46.5	4.0	1.3	91.5	52.2
Iraq	..	..	..	..	..	..	..	..
Ireland	1,315	6,586	38.4	17.9	44.0	39.4	17.6	42.7
Israel	2,707	8,980	38.3	23.3	36.2	29.6	25.5	47.1
Italy	18,823	66,621	24.4	16.0	47.6	44.7	28.0	39.3
Jamaica	375	1,727	29.9	15.1	65.3	69.3	4.8	15.6
Japan	18,760	61,795	67.9	34.4	3.4	6.1	28.7	59.5
Jordan	974	1,810	27.8	17.1	53.5	47.1	18.7	35.7
Kazakhstan	..	897	..	42.4	..	45.4	..	12.3
Kenya	511	638	42.9	48.0	46.8	45.5	10.4	6.6
Korea, Dem. Rep.	..	..	..	..	..	..	..	..
Korea, Rep.	2,402	23,843	64.3	42.8	15.4	24.9	20.3	32.3
Kuwait	1,099	1,496	64.3	80.1	34.3	13.8	1.4	6.1
Kyrgyz Republic	..	58	..	32.8	..	13.8	..	53.4
Lao PDR	..	116	..	16.4	..	81.9	..	1.7
Latvia	..	1,035	..	63.8	..	17.6	..	18.6
Lebanon	..	..	..	..	..	..	..	..
Lesotho	22	46	4.5	2.2	54.5	52.2	40.9	45.7
Libya	137	..	77.4	..	7.3	..	15.3	..
Lithuania	..	1,096	..	39.6	..	42.0	..	18.4
Macedonia, FYR	..	..	..	..	..	..	..	..
Madagascar	55	264	70.9	23.1	9.1	34.8	20.0	42.0
Malawi	32	..	50.0	..	28.1	..	21.9	..
Malaysia	1,046	10,690	45.1	22.0	30.3	22.3	24.6	55.8
Mali	39	..	46.2	..	38.5	..	15.4	..
Mauritania	25	24	60.0	4.2	28.0	83.3	12.0	12.5
Mauritius	132	968	40.9	22.4	31.8	53.8	27.3	23.8
Mexico	4,383	11,937	10.2	12.0	73.1	66.2	16.8	21.8
Moldova	..	117	..	47.9	..	26.5	..	25.6
Mongolia	..	75	..	42.7	..	46.7	..	10.7
Morocco	709	2,558	22.4	17.4	63.9	68.2	13.7	14.4
Mozambique	118	286	78.8	20.3	0.0	0.0	21.2	79.7
Myanmar	48	529	37.5	6.2	20.8	32.1	41.7	61.6
Namibia	..	315	..	0.0	..	91.4	..	8.6
Nepal	118	433	7.6	13.6	53.4	43.6	39.0	42.7
Netherlands	16,686	51,633	52.9	39.9	13.5	13.2	33.6	47.0
New Zealand	950	3,651	61.8	34.3	22.4	47.8	15.8	17.8
Nicaragua	41	151	39.0	16.6	53.7	66.2	7.3	17.2
Niger	30	..	46.7	..	20.0	..	33.3	..
Nigeria	1,127	884	80.8	12.8	6.0	5.3	13.1	81.9
Norway	8,529	13,953	75.3	61.2	8.9	15.0	15.8	23.9
Oman	9	..	100.0	..	0.0	..	0.0	..
Pakistan	576	1,416	47.6	56.9	26.2	7.3	26.2	35.7
Panama	779	1,563	54.4	56.3	22.0	24.2	23.6	19.4
Papua New Guinea	36	318	41.7	3.5	33.3	4.7	25.0	91.8
Paraguay	158	469	1.9	13.9	57.6	23.9	40.5	62.3
Peru	663	1,653	33.3	18.7	44.2	51.8	22.5	29.5
Philippines	1,214	7,465	17.0	4.3	26.4	19.0	56.7	76.7
Poland	2,018	10,890	59.2	26.4	11.9	39.4	28.9	34.2
Portugal	1,892	8,512	24.9	18.0	60.7	62.7	14.4	19.3
Puerto Rico	..	..	..	..	..	..	..	..
Romania	1,063	1,192	37.6	42.3	30.5	21.8	31.9	35.9
Russian Federation	..	12,937	..	24.5	..	50.3	..	25.2



4.7 Structure of service exports

	Commercial service exports		Transport		Travel		Others	
	\$ millions		% of total		% of total		% of total	
	1980	1998	1980	1998	1980	1998	1980	1998
Rwanda	18	31	72.2	29.0	16.7	61.3	11.1	9.7
Saudi Arabia	5,104	4,421	15.6	12.5	26.3	22.7	58.1	64.7
Senegal	191	..	33.5	..	51.8	..	14.7	..
Sierra Leone	37	..	40.5	..	32.4	..	27.0	..
Singapore	4,774	18,243	27.4	24.4	30.0	25.2	42.6	50.4
Slovak Republic	..	2,275	..	33.7	..	21.5	..	44.9
Slovenia	..	2,045	..	26.3	..	54.6	..	19.1
South Africa	2,924	5,109	41.9	21.2	47.2	53.6	10.9	25.2
Spain	11,450	48,729	26.2	14.9	60.8	61.3	13.0	23.8
Sri Lanka	223	888	19.3	45.0	44.4	25.9	36.3	29.1
Sudan	250	14	10.8	42.9	20.8	14.3	68.4	42.9
Sweden	7,395	17,675	41.0	27.0	13.0	23.7	46.0	49.3
Switzerland	6,888	25,795	18.8	11.5	46.0	30.4	35.2	58.1
Syrian Arab Republic	252	1,551	25.0	14.2	61.9	76.7	13.1	9.0
Tajikistan	..	..	..	..	..	..	..	..
Tanzania	165	534	39.4	11.2	12.7	74.7	47.9	14.0
Thailand	1,366	13,074	21.9	20.4	63.5	47.2	14.6	32.3
Togo	61	..	45.9	..	42.6	..	11.5	..
Trinidad and Tobago	383	574	29.8	35.2	39.9	35.0	30.3	29.8
Tunisia	990	2,662	20.9	23.8	69.1	62.3	10.0	13.9
Turkey	596	23,161	44.6	13.5	54.7	31.0	0.7	55.5
Turkmenistan	..	..	..	..	..	..	..	..
Uganda	4	..	0.0	..	100.0	..	0.0	..
Ukraine	..	3,922	..	82.2	..	8.0	..	9.8
United Arab Emirates	..	..	..	..	..	..	..	..
United Kingdom	34,295	97,616	41.3	19.5	20.2	24.6	38.5	55.9
United States	38,110	239,957	37.4	19.0	27.8	34.7	34.8	46.3
Uruguay	449	1,382	19.4	24.6	66.4	50.3	14.3	25.1
Uzbekistan	..	..	..	..	..	..	..	..
Venezuela, RB	663	1,297	43.0	21.4	36.7	74.1	20.4	4.5
Vietnam	..	..	..	..	..	..	..	..
West Bank and Gaza	..	..	..	..	..	..	..	..
Yemen, Rep.	..	166	..	21.7	..	38.6	..	39.8
Yugoslavia, FR (Serb./Mont.)	..	..	..	..	..	..	..	..
Zambia	126	..	68.3	..	16.7	..	15.1	..
Zimbabwe	145	..	66.2	..	17.2	..	16.6	..
World	363,547 t	1,316,688 t	39.2 w	25.3 w	27.0 w	30.3 w	33.9 w	44.7 w
Low income	11,667	52,791	41.6	15.0	33.8	52.5	24.6	35.2
Excl. China & India	6,246	17,531	31.4	..	36.9	62.0	31.9	23.3
Middle income	53,921	215,219	39.8	27.7	32.3	38.3	28.2	34.1
Lower middle income	29,498	84,993	..	27.8	..	41.2	..	31.2
Upper middle income	24,438	130,232	45.3	27.6	27.4	36.4	27.6	36.0
Low & middle income	65,588	268,012	39.7	24.8	32.5	42.0	28.2	34.3
East Asia & Pacific	9,415	87,727	43.7	22.9	33.4	42.6	22.9	36.6
Europe & Central Asia	16,176	79,857	..	28.8	..	40.9	..	30.3
Latin America & Carib.	15,855	49,216	34.0	22.8	36.7	48.5	29.3	28.7
Middle East & N. Africa	12,099	23,387	27.7	..	26.6	..	47.1	..
South Asia	4,014	14,418	21.9	26.9	45.4	23.0	32.6	50.1
Sub-Saharan Africa	8,048	13,471	50.8	22.2	30.6	41.3	19.0	37.2
High income	297,904	1,048,583	39.1	25.4	25.9	27.1	35.0	47.5
Europe EMU	140,850	420,008	31.9	24.4	29.3	30.7	38.8	44.9

a. Includes Luxembourg. b. Data prior to 1990 refer to the Federal Republic of Germany before unification.



Structure of service exports 4.7

About the data

Balance of payments statistics, the main source of information on international trade in services, have many weaknesses. Until recently some large economies—such as the former Soviet Union—did not report data on trade in services. Disaggregation of important components may be limited, and it varies significantly 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.

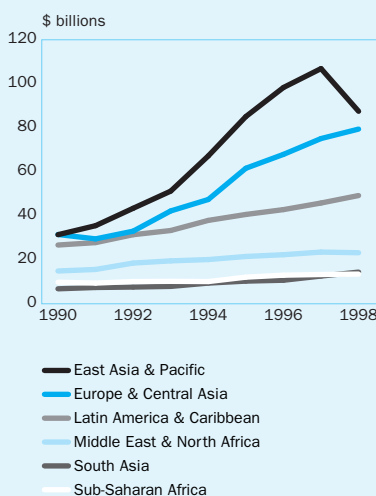
Efforts are being made to improve the coverage, quality, and consistency of these data. Eurostat and the Organisation for Economic Co-operation and Development, for example, are working together to improve the collection of statistics on trade in services in member countries. In addition, the International 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, are increasing rapidly as foreign direct investment expands and electronic networks become pervasive. One example of such transactions 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 table 4.7 and imports of services in table 4.8, unlike those in previous editions, include only commercial services and exclude the category “government services not included elsewhere.” The data are compiled by the World Trade Organization (WTO) from balance of payments statistics provided by the IMF and from national statistics. Estimates of missing data provided by the WTO are used to compute regional and income group aggregates but are not shown in the tables. Data on total trade in goods and services from the IMF's Balance of Payments database are shown in table 4.17.

Figure 4.7

Exports of commercial services stalled in 1998



Source: World Trade Organization data.

The sharpest drop occurred in East Asia, previously the fastest-growing service exporter.

Definitions

- **Commercial service exports** are total service exports minus exports of government services not included elsewhere. 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.
- **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 railway facilities, harbors, 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. Travel services include the goods and services consumed by travelers, such as lodging and meals and transport (within the economy visited).
- **Other commercial services** include such activities as insurance and financial services, 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.

Data sources

The data on exports of commercial services come from the World Trade Organization (WTO). Selected data appear in the WTO's *Annual Report*. The IMF publishes balance of payments data in its *International Financial Statistics* and *Balance of Payments Statistics Yearbook*.