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Canada's international trade in services

2003



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Canada's international trade in services

2003

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Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0^s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

International transactions in services, 2003

New features

- This publication is now produced in electronic format (HTML and PDF). Paper copies can be obtained for an additional charge, see Ordering and subscription information.
- Commercial services by category and industry (table 7) are now presented according to the 2002 North American Industry Classification System (NAICS). Previously, the data were released according to the Standard Industrial Classification (SIC-C 1980).
- Information on Foreign Affiliates Trade Statistics (FATS) has been included in this issue.

Table of contents

Highlights	7
Analysis	8
Introduction	8
A-Travel	9
B-Transportation	9
C-Commercial Services	10
D-Revisions	12
Related products	21
Statistical tables	
Table1 International transactions in services, summary, 1993 to 2003	24
Table2-1 Travel by category, by geographical area, 1993 to 2003 - Receipts	25
Table2-2 Travel by category, by geographical area, 1993 to 2003 - Payments	26
Table2-3 Travel by category, by geographical area, 1993 to 2003 - Balances	27
Table3 Transportation by category, 1993 to 2003	28
Table4-1 Commercial services by category, 1993 to 2003 - Receipts	29
Table4-2 Commercial services by category, 1993 to 2003 - Payments	30
Table4-3 Commercial services by category, 1993 to 2003 - Balances	31
Table5-1 Commercial services by category, by area and affiliation, 2000 - Receipts	32
Table5-2 Commercial services by category, by area and affiliation, 2000 - Payments and balances	33
Table5-3 Commercial services by category, by area and affiliation, 2001 - Receipts	34
Table5-4 Commercial services by category, by area and affiliation, 2001 - Payments and balances	35
Table5-5 Commercial services by category, by area and affiliation, 2002 - Receipts	36
Table5-6 Commercial services by category, by area and affiliation, 2002 - Payments and balances	37
Table6-1 Commercial services by category and by affiliation for all countries, 2000 to 2002 - Receipts	38
Table6-2 Commercial services by category and by affiliation for all countries, 2000 to 2002 - Payments and balances	39
Table7-1 Commercial services by category, by industry, 1999 - Receipts	40
Table7-2 Commercial services by category, by industry, 1999 - Payments	41
Table7-3 Commercial services by category, by industry, 2000 - Receipts	42
Table7-4 Commercial services by category, by industry, 2000 - Payments	43
Table7-5 Commercial services by category, by industry, 2001 - Receipts	44
Table7-6 Commercial services by category, by industry, 2001 - Payments	45
Table7-7 Commercial services by category, by industry, 2002 - Receipts	46

Table of contents – continued

Table7-8 Commercial services by category, by industry, 2002 - Payments	47
Table8-1 Total services by selected countries and regions, 1994 to 2002 - Receipts	48
Table8-2 Total services by selected countries and regions, 1994 to 2002 - Payments	50
Table9 International transactions in services with the United States, summary, 1993 to 2003	52
Table10-1 Commercial services by category - United States, 1993 to 2003 - Receipts	53
Table10-2 Commercial services by category - United States, 1993 to 2003 - Payments	54
Table10-3 Commercial services by category - United States, 1993 to 2003 - Balances	55
Table11 International transactions in services with the United Kingdom, summary, 1993 to 2003	56
Table12 International transactions in services with other European Union countries, summary, 1993 to 2003	56
Table13 International transactions in services with Japan, summary, 1993 to 2003	57
Table14 International transactions in services with other Organisation for Economic Co-operation and Development (OECD) countries, summary, 1993 to 2003	57
Table15 International transactions in services with other countries, summary, 1993 to 2003	58
Table16 International transactions in services by detailed category, 2002 and 2003	59
Table17-1 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - United States and Antilles	60
Table17-2 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Central America	62
Table17-3 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - South America	64
Table17-4 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Europe	66
Table17-5 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Africa	71
Table17-6 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Middle East	73
Table17-7 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Central and East Asia	74
Table17-8 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Oceania	77
Table17-9 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - International institutions and all countries	78
Table17-10 Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Memorandum items	78
 Data quality, concepts and methodology	
Statistical notes	79
Services	80
Travel	83
Transportation services	88
Commercial services	92

Table of contents – continued

Government services	105
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Appendix

I. CANSIM data bank numbers - Canada's balance of international payments	108
II. Glossary on Foreign Affiliate Trade Statistics	116

Charts

1. Current account component balances, 1988 - 2003	8
2. Sources of services deficit, 1989 - 2003	9
3. Major sources of commercial services receipts and payments, 2003	10
4. Commercial services by industry, receipts, 2002	13
5. Commercial services by industry, payments, 2002	13
6. Affiliate sales by dollar of Canadian direct investment abroad	15
7. Foreign affiliate sales versus exports	18
8. Destination of goods exports versus goods-producers affiliate sales, 2002	19
9. Destination of services exports versus services-producers affiliate sales, 2002	20

Text tables

Text table 1. Sales and employment, by industry	17
Text table 2. Sales and employment, goods versus services	18

Highlights

- The deficit on Canada's international trade in services increased by \$4.0 billion to \$10.9 billion in 2003. Travel, transportation and commercial services represented each one third of the deficit. The increase was largely the result of a higher travel deficit. Overall, receipts decreased by 6.2% to reach \$60.0 billion while payments remained virtually unchanged at \$70.9 billion.
- Travel had its worst performance since 1994 due to a number of serious problems, notably the SARS crisis. Spending by foreign travellers in Canada dropped dramatically while Canadians travellers increased their spending in countries other than United States. The travel deficit rose by \$2.3 billion to \$3.9 billion in 2003 due to the combined effect of a 11.9% drop in receipts and a 1.5% increase in payments.
- Transportation services, covering both passengers and goods, showed a deficit of \$3.9 billion in 2003, up by \$0.9 billion from the previous year due almost entirely to lower revenues for passenger fares.
- The deficit on commercial services rose by \$0.7 billion due to a 3.0% decrease in receipts. Insurance services, royalties and licence fees and management services, accounted for over 60% of the decrease in overall commercial receipts.

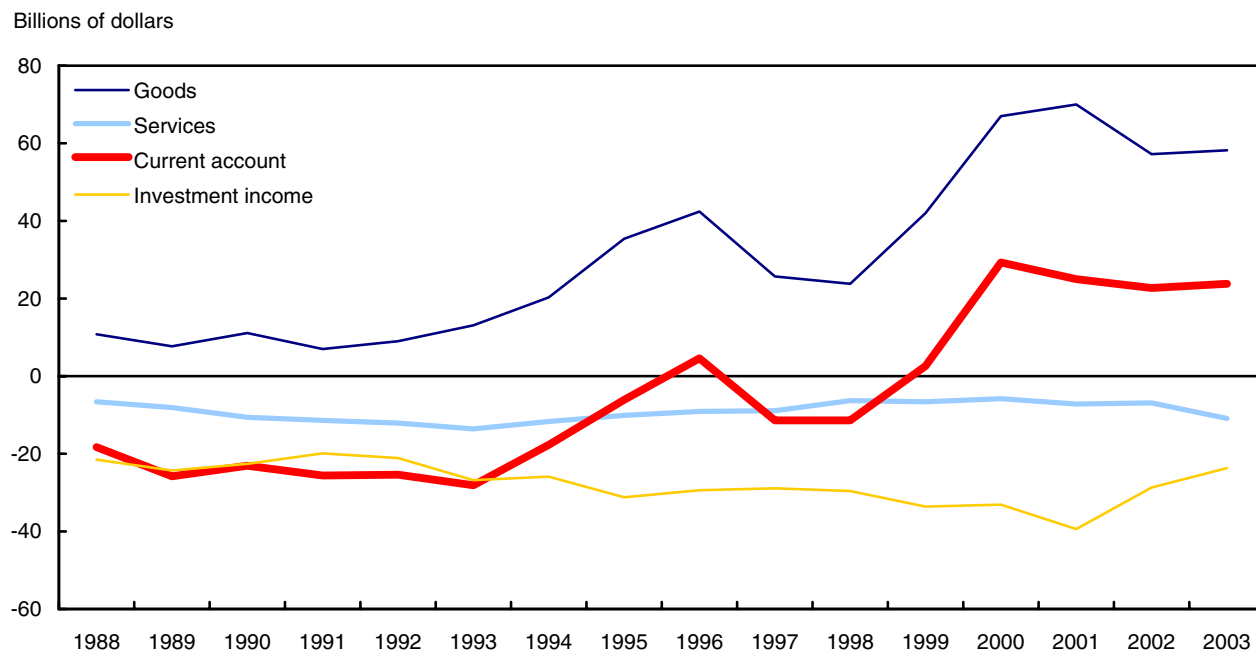
Analysis

Introduction

In the Current Account, the increased deficit for services¹ and a lower deficit on investment income flows combined with a slight increase in the sizable goods surplus to generate a small increase in the Current Account surplus. The resulting Current Account surplus was \$23.8 billion in 2003 (see Chart 1), the fifth consecutive annual surplus.

Chart 1

Current account component balances, 1988 - 2003

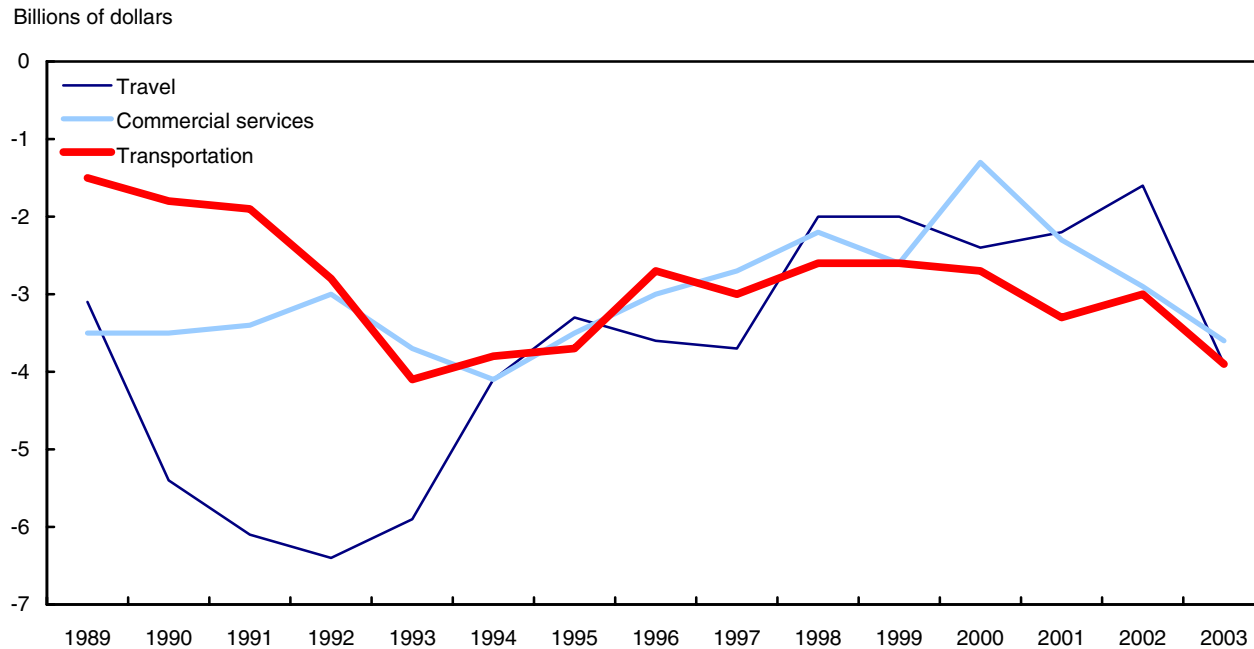


In 2003, exports of services declined by 6.2% to \$60.0 billion, a decrease in travel receipts being the main contributor. Imports for all services remained virtually unchanged at \$70.9 billion. The services deficit was \$10.9 billion, its worst performance in 9 years.

1. Services in this publication cover travel, transportation, commercial and government services. Services trade refers to cross-border flows as covered by the Balance of Payments, which measures the transactions between Canadian residents and non-residents. Transactions of a Canadian subsidiary located abroad when it either sells or buys a service in its local market, or trades a service with a third country are not included in trade in services. These transactions fall under the categories 'Foreign Affiliates Trade Statistics' (FATS) for which a separate analytical text is available in this publication. The FATS transactions are outside the scope of the cross-border figures reported in this section. Rather, such transactions abroad are between foreign resident parties. Also, the domestic sales and purchases by Canadian subsidiaries of foreign companies with residents here in Canada are excluded from cross-border measures of trade, being resident-to-resident transactions.

Chart 2

Sources of services deficit, 1989 - 2003



A-Travel

The deficit - the difference between spending by Canadians abroad and spending by visitors to Canada - increased by \$2.3 billion to \$3.9 billion in 2003 and accounted for almost 60% of the 2003 increase in the total deficit for services. The increase in the travel deficit came from a large drop in receipts from personal travel, which represent over 80% of travel spending in Canada.

The year 2003 was unusually difficult for Canada's travel industry. Tourism was plagued by a series of calamities. SARS, Mad Cow disease, West Nile virus, a power blackout in Ontario, a hurricane in the Eastern provinces, and relentless forest fires in British Columbia all contributed to make 2003 a challenging year for Canada's tourism industry. In addition, the threat of terrorism, a slowing economy in the United States, the war in Iraq and related border security issues contributed to keeping potential international visitors away from Canada.

Travel payments have remained around \$18 billion annually for 2000 to 2003. Personal travel by Canadian residents, other than for health and education, has been shifting to non-US destinations, which now account for 47% of expenditures up from 40% in 2000.

More details on travel issues are available in the quarterly National Tourism Indicators² publications as well as in the publication, International Travel.³

B-Transportation

In 2003, the transportation services deficit increased by 31% to reach \$3.9 billion mainly due to the decline in air passenger transportation. Airline revenues were severely hit by the same shocks that affected the travel component in 2003. Receipts for passenger air transportation dropped by 29% while payments increased by 3%.

2. National Tourism Indicators, Catalogue no. 13-009-X.

3. International Travel, Catalogue no. 66-201-X.

C-Commercial Services

- 2002 data are based mainly on a large annual survey which includes details on type of service, country, and affiliation when applicable.
- 2003 data are based mainly on a quarterly sample survey which provides fewer details.

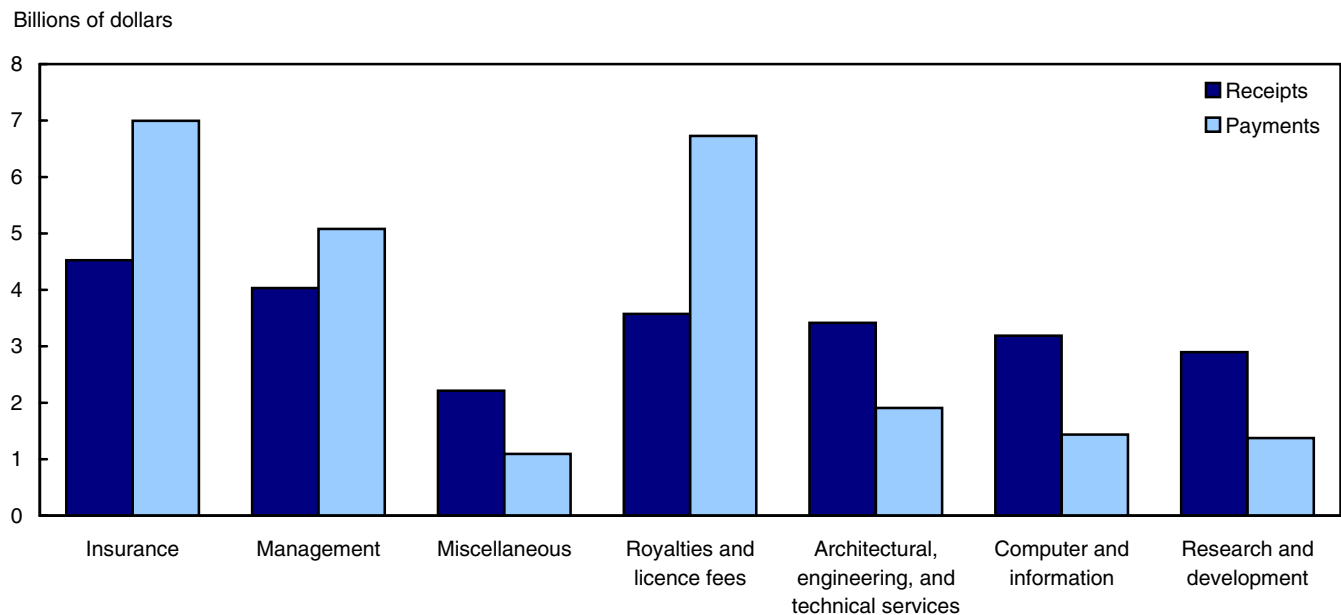
1. Summary for 2003

Commercial services⁴ consist of a broad group of activities ranging from telecommunication, insurance and management to royalties. Commercial services posted a deficit of \$3.6 billion in 2003 compared to \$2.9 billion in 2002. In order of size, the components with the largest deficits in 2003 were insurance services, royalties and licence fees and management services. The increase in the insurance deficit was generated mainly by reinsurance. The higher deficit in royalties was generated by a larger deficit for patents and industrial design and a smaller surplus from software and other royalties.

The surplus on software royalties shrunk by half in 2003. Computer and information services and research and development posted further reductions in their combined surplus falling to \$3.3 billion in 2003 down from a high of \$4.8 billion in 2000. Architecture, engineering and other technical services had a surplus of \$1.5 billion for 2003 unchanged for the previous year.

Chart 3

Major sources of commercial services receipts and payments, 2003



2. Details for 2002

Details on commercial services by affiliation and by geographical area are presented up to 2002 as these details are based mainly on annual surveys for which results are not yet available for 2003.

⁴ For more information on what is included in each category of services please refer to the questionnaire in the appendix or Canada's Balance of International Payments and International Investment Positions-Concepts, Sources, Methods and Products, catalogue no 67-506-X.

a) Affiliation⁵

The major source of revenue for Canada's commercial services trade has historically come from transactions with arms length clients. In 2002, these types of transactions generated 55% of service exports. In contrast, service importers received a smaller share of their foreign supply from third parties (45%) than from related parties (55%).

As a result, the 2002 deficit in transactions with related parties reached \$5.1 billion while there was a \$2.3 billion surplus with non-affiliated parties. Transactions with non-affiliates have been in surplus since 1995.

In 2002, architectural, engineering and technical services, research and development (R&D), and computer services had the largest surpluses. While transactions with non-affiliates dominated for architectural, engineering and technical services and computer services, the research and development activity was largely with affiliates. The intangible nature of the outputs from R&D means that it is largely done within global enterprises.

b) Geographical area

Commercial service dealings with Canada's principal partner, the United States, have always been in deficit. In 2002, most of the deficit with the United States originated from transactions between related parties. Commercial services account for a larger share of receipts and payments from countries other than the United States when compared to the trade in goods. In 2002, transactions with the US accounted for 63% of receipts and 68% of payments for Commercial Services. In comparison, receipts and payments for American goods account for 84% and 72% respectively of the total exports and imports of goods.

The deficits in commercial services with the United States continue to be widely spread. The largest deficits are in the categories royalties, management services, tooling and other financial services all of which have deficits of over \$1 billion. Computer services and Research and development continued to generate surpluses with the United States.

Foreign direct investment in Canada is mostly from with the United States. Direct investment measures the investment by a resident enterprise that has been made with the intent of having a significant influence in the affairs of a non-resident enterprise. Therefore, it is not surprising that most payments for commercial service imports are with affiliated parties in that country. The majority of the 68% of total commercial service payments that go to the United States are with affiliated companies.

Canada continues to experience large deficits with Japan as there were large payments in royalties and licence fees and with Barbados due to deficits in insurance services. Bermuda also showed large deficits in insurance services.

All these deficits were partly offset by surpluses with European countries, Africa and South America. Ireland and Sweden lead the European surplus. For both Africa and South America, there have been relatively large transactions related to architectural, engineering and technical services. Since 2000, Canada has experienced a surplus with the United Kingdom especially through larger revenues in financial services related to commissions on securities.

c) Services trade by industry

Industries generating a deficit: Insurance and Manufacturing

As mentioned before, the industry classification used in this publication is now based on the North American Industry Classification System (NAICS) instead of the Standard Industrial Classification (SIC-80). Data are available back to 1999. Values from 1990 to 1998 will be estimated at a later date.

International service transactions for the finance and insurance industries have grown rapidly over the past three years. In particular payments for reinsurance have grown resulting in the deficit for this industry group rising by about \$1 billion between 2000 and 2003.

5. Foreign affiliated parties include foreign parent companies, branches, subsidiaries and other related parties with at least a 10% ownership interest between the trading parties.

Despite the large movements in the insurance sector, manufacturing industries remain the main contributor to the overall commercial services deficit. While manufactures primary sell goods, their secondary sales of services account, on average over the last four years, for 17% of commercial service exports. However, during the same period they account for 32% of commercial service imports, resulting in a deficit in 2002 of \$6.3 billion. Manufacturing industries are characterized by a high level, 85% on average, of trade between affiliated companies. The main commercial service payments in this industry come from patents and tooling services.

Industries generating a surplus

The largest surplus is in the professional, scientific and technical services sector which had a surplus of \$4.4 billion in 2002. Trade and transportation industry and the Information culture and arts sector also had important surpluses at \$1.3 billion and \$0.9 billion respectively.

The main types of services exported by these industries are: computer, architecture and engineering services and finally, audio-visual and communication services. In terms of affiliation, most dealings were with non-affiliated companies.

It is also interesting to note that the information and communication technology (ICT) sector posted also surpluses. The ICT sector is defined as a special aggregation of NAICS industries. This sector comprises industries primarily engaged in producing goods or services, or supplying technologies, used to process, transmit or receive information.

D-Revisions

On a gross basis, the most important revisions came in commercial services where estimates for the year 2002 have been replaced by results from several annual surveys related to services. Some estimates for 2003 have been compiled in accordance with this new information.

Major revisions have been made to the insurance sector, particularly for reinsurance where the level of transactions has continued to grow in 2002 after posting large gains in 2001. Canadian insurance firms have ceded more business to foreign insurance companies but recovered more claims from foreign firms. Both exports and imports of royalties and license fees have been increased due to more recent information. Revenues were in fact largely revised for the whole period of 2000 to 2003. Management services have also been revised upward, especially on the export side.

Other categories of services have been less affected by revisions. The only important change to travel relates to payments on education-related travel following a downward revision to the number of Canadians studying abroad. Following the most recent exercise of reconciliation of the bilateral current account between Canada and United States, some Canadian components in transportation have been revised to be in line with U.S. equivalent series.

Chart 4

Commercial services by industry, receipts, 2002

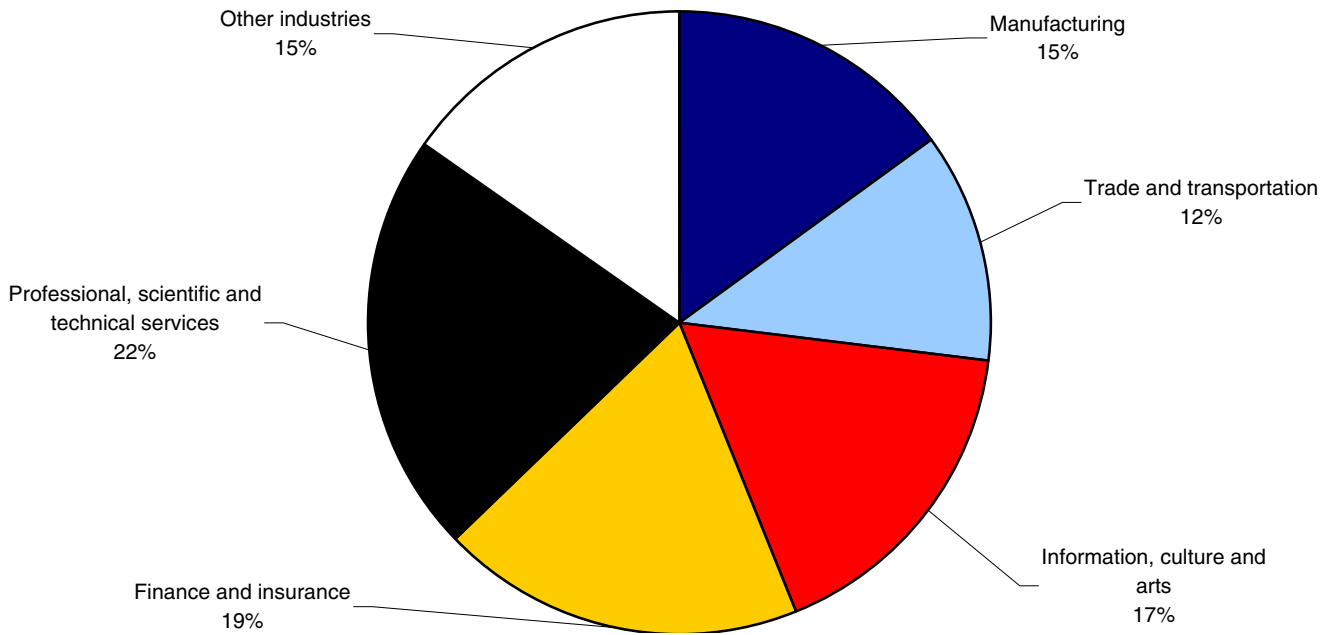
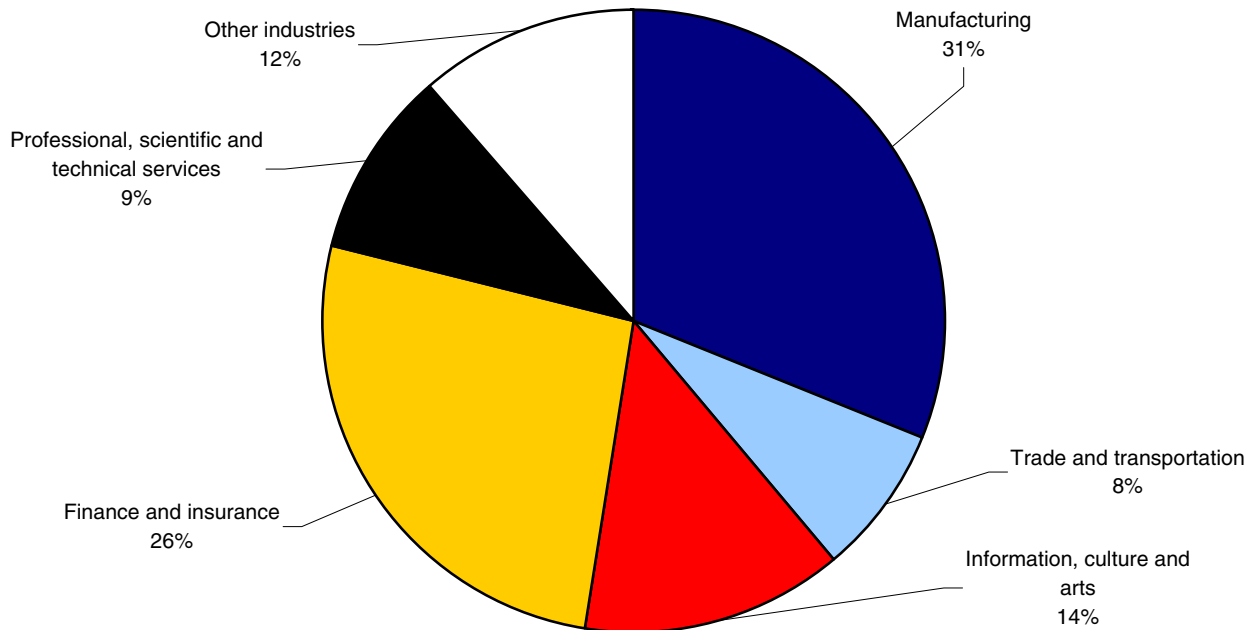


Chart 5

Commercial services by industry, payments, 2002



Foreign Affiliate Trade Statistics⁶

2002

Canadian goods and services can be sold in the international market either through cross-border exports or through foreign affiliates. Cross-border exports involve Canadian companies producing the goods and services in Canada and exporting them to the foreign markets. Sales through foreign affiliates involve establishing a commercial presence in the foreign market from which to conduct business transactions. Foreign Affiliate Trade Statistics (FATS) measure both the operations of:

- i. foreign-owned affiliates in Canada and
- ii. affiliates of Canadian firms located abroad.

FATS data are now available for reference years 1999 to 2002. While the focus may be on the delivery of services, the data related to goods-producers are also included to provide an overall view of foreign affiliate operations. Furthermore, these data can be more completely compared with those of both services and goods exports. At this time, only the operations of Canadian-owned foreign affiliates abroad (also known as outward FATS) are being compiled. Specifically, the sales and employment data of these foreign affiliates are presented below. Additional information on key FATS terminology is available in the Glossary II.

Overall foreign affiliate sales and employment experience little change

The level of sales of Canadian majority-owned foreign affiliates declined slightly in 2002, a year which saw only 1% growth in G7 countries other than Canada. Sales of foreign affiliates totaled \$361 billion in 2002, down \$2 billion from 2001, while employment in foreign affiliates at 919 thousand was up 7 thousand or 1% from 2001. This was quite a different story compared to the high level of growth experienced by foreign affiliates from 1999 to 2000, during which time both sales and employment rose over 16%. Acquisitions made by Canadian firms of foreign companies, which translate directly into higher foreign affiliate sales and employment levels, were down significantly in 2002 from those of 2000.

The level of non-bank Canadian direct investment abroad (CDIA), for majority-owned foreign affiliates, rose 4% from 2001 to reach \$296 billion in 2002. While foreign affiliate sales and employment are considerably more volatile than the level of foreign direct investment, the data show that sales and employment did not keep pace with the growth in Canadian direct investment abroad. The global economic downturn of 2001/02 would have been a contributing factor toward lower foreign affiliate sales figures.

Note to readers

In order to be consistent with the international practice for measuring foreign affiliate trade statistics (FATS), only the data for majority-owned foreign affiliates (MOFA's) are included. For operational reasons, depository institutions and foreign branches of firms were excluded from the estimates.

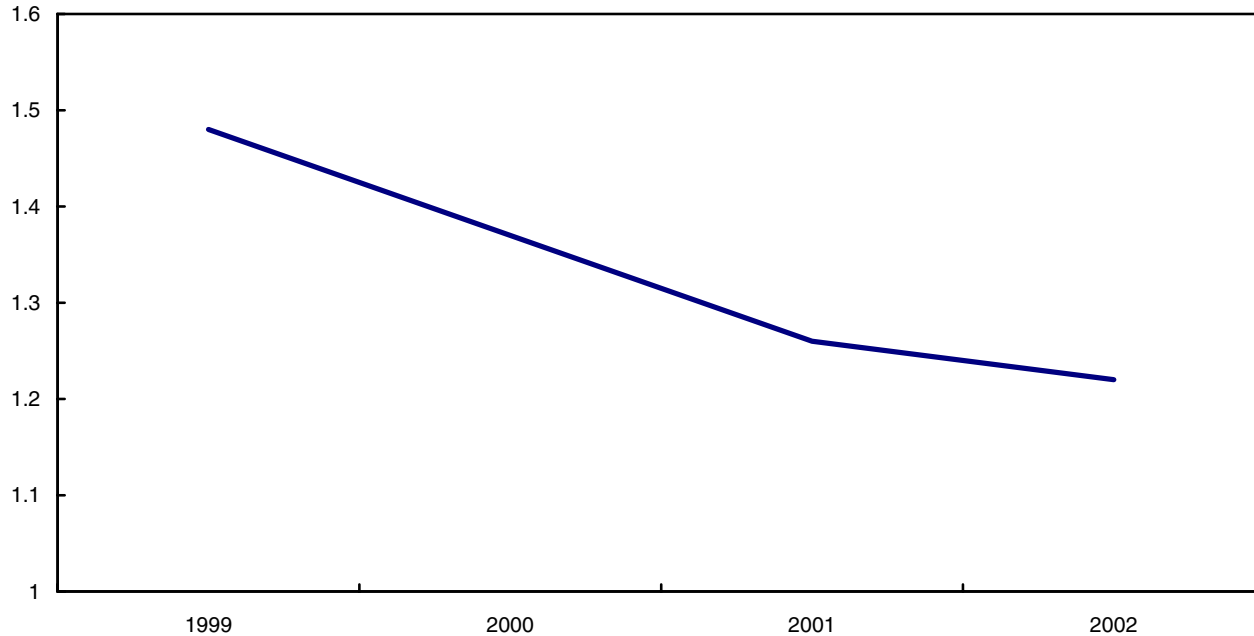
Sales and employment figures of non-bank MOFA's are fully attributed- there is no adjustment for less than 100% ownership. Furthermore, the sales are attributed to the country as reported by the respondent company in the questionnaire. If a company consolidates third country sales data into a primary subsidiary in a different country, the sales are attributed to the country of the primary subsidiary.

6. by Michael Marth. For more information, or to enquire about the concepts, methods of data quality of this release, contact Michael Marth (613-951-6868; michael.marth@statcan.ca), Balance of Payments Division.

Canadian direct investment abroad outpaces sales and employment

Chart 6

Affiliate sales by dollar of Canadian direct investment abroad



Source: Statistics Canada, Balance of Payments Division

Goods-producers grow marginally, while service-providers slow

Foreign affiliate goods-producers experienced a marginal increase in sales and employment. Sales of goods-producers reached \$223 billion in 2002, up 1% from 2001. A \$5 billion or 13% rise in sales for the Mining and oil and gas industry was partially offset by a \$2 billion decrease in Manufacturing sales.

This marks the second consecutive year that sales in the manufacturing industry have decreased. The Computer and electronic product manufacturing industry saw its sales drop by \$9 billion (-17%) in 2001, and a further \$13 billion (-31%) in 2002.

Employment in foreign affiliate goods-producers increased 22 thousand or 4% to 584 thousand in 2002.

In 2002, sales and employment decreased for foreign affiliate service-providers. At \$138 billion, sales of service-providers were down 3% from 2001. Wholesale trade (down \$3 billion or 24%), and Management of companies and enterprises (down \$2 billion or 21%) were the primary contributors to the decline in sales. Parts of these declines were tied to the weakness in the computer and electronic manufacturing sector.

Employment of service-providers dropped 4% to 335 thousand in 2002. Transportation and warehousing (down 4 thousand), and Information and cultural industries (down 4 thousand) experienced noticeable drops in their employment levels of 11% and 5%, respectively.

Industry sector distribution dominated by Manufacturing

The Manufacturing sector continued to dominate overall foreign affiliate sales. In 2002, the Manufacturing sector accounted for 48% of sales, its lowest proportion over the last four years. The Finance (non-bank) and insurance sector has increased its share of sales each year, and accounted for 13% of sales in 2002. Other notable sectors were Mining and oil and gas with 12% of sales, and Information and cultural industries with 9%.

Employment levels of foreign affiliates showed a similar story. Manufacturing represented 51% of overall employment in 2002. Once again, other notable sectors included Mining and oil and gas with 12% of employment, and Information and cultural industries with 9%.

Text table 1

Sales and employment, by industry

Foreign affiliate operations	1999	2000	2001	2002
Sales				
	CAN\$ millions			
Agriculture, forestry, fishing and hunting	1,171	815	888	1,116
Mining and oil and gas extraction	35,366	37,138	38,891	44,082
Utilities and construction	6,101	7,211	5,513	5,691
Manufacturing	156,070	181,486	174,500	172,026
Total, goods	198,708	226,650	219,792	222,915
Wholesale trade	13,229	10,219	12,345	9,370
Retail trade	4,392	3,899	4,432	5,062
Transportation and warehousing	8,502	12,189	10,945	12,308
Information and cultural industries	30,060	30,851	32,287	31,314
Finance (non-bank) and insurance	32,653	43,422	44,951	47,584
Professional, scientific and technical services	5,247	10,206	9,999	10,269
Management of companies and enterprises	7,111	12,167	8,389	6,661
Other services	16,462	17,449	19,400	15,341
Total, services	117,656	140,402	142,748	137,909
Total, goods and services	316,364	367,052	362,540	360,824
Employment				
	thousands			
Agriculture, forestry, fishing and hunting	1	2	2	2
Mining and oil and gas extraction	93	110	110	108
Utilities and construction	6	10	8	7
Manufacturing	360	444	442	467
Total, goods	460	566	562	584
Wholesale trade	20	18	27	29
Retail trade	5	4	7	11
Transportation and warehousing	21	29	35	31
Information and cultural industries	75	84	83	79
Finance (non-bank) and insurance	42	37	39	39
Professional, scientific and technical services	15	32	33	32
Management of companies and enterprises	11	13	15	16
Other services	115	105	111	98
Total, services	304	322	350	335
Total, goods and services	764	888	912	919

Foreign affiliate employment drops in the United States

While the proportion of overall foreign affiliate sales that occurred in the United States remained unchanged at 62%, the share of foreign affiliate employment in the United States dropped to 58% compared with 60% in 2001.

Only two of the five regions experienced an increase in both foreign affiliate sales and employment in 2002. In the European Union (excluding the UK), sales increased by 4% to \$40 billion and employment rose 3% to 93 thousand in 2002. The Other OECD region experienced stronger growth as its sales rose 14% to \$23 billion, while employment rose 11% to 63 thousand. Approximately one-third of the growth in 2002 for this region was due to new acquisitions of foreign companies by Canadian firms.

Text table 2

Sales and employment, goods versus services

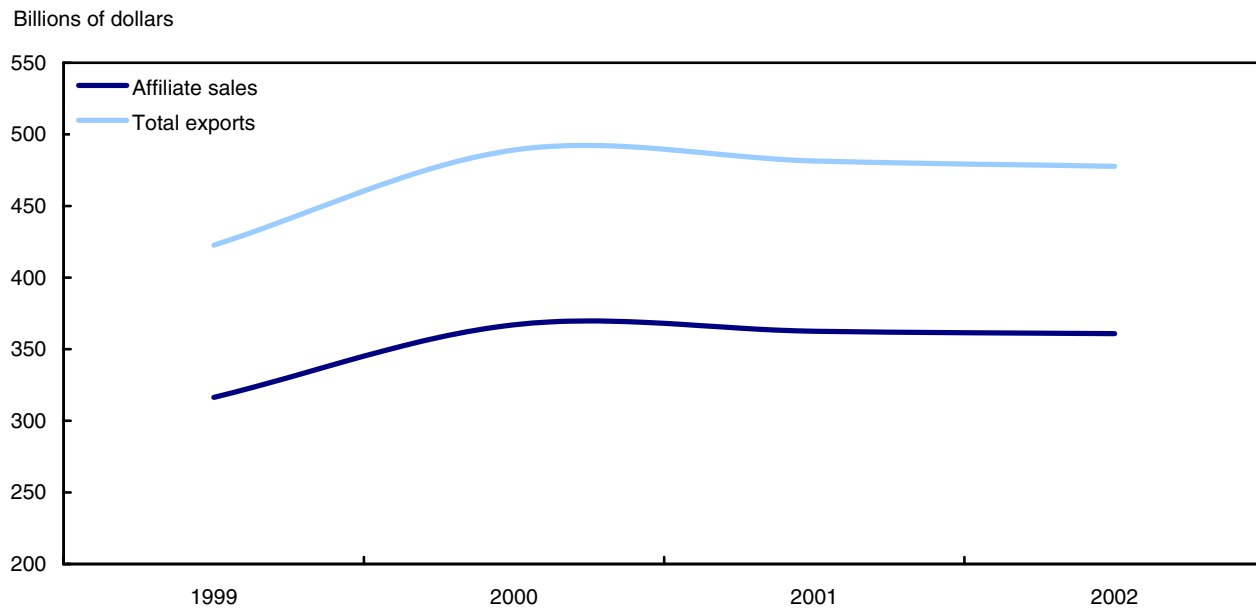
	Foreign affiliate operations, 2002			
	Goods		Services	
	\$ millions	%	\$ millions	%
Sales				
Sales, United States	127,434	57	94,896	69
Sales, United Kingdom	25,796	12	9,853	7
Sales, other European Union countries	28,651	13	11,362	8
Sales, other OECD countries	17,885	8	4,648	3
Sales, all other countries	23,149	10	17,150	12
Total	222,915	100	137,909	100
	thousands	%	thousands	%
Employment				
Employment, United States	305	52	229	68
Employment, United Kingdom	71	12	21	6
Employment, other European Union countries	72	12	21	6
Employment, other OECD countries	52	9	11	3
Employment, all other countries	84	14	53	16
Total	584	100	335	100

Value of exports decreases for goods and increases for services

In 2002, total exports decreased \$4 billion to \$478 billion, while foreign affiliate sales decreased \$2 billion to \$361 billion. From 1999 to 2002, overall sales of foreign affiliates have experienced a similar pattern to those of cross-border exports.

Chart 7

Foreign affiliate sales versus exports



Source: Statistics Canada, Balance of Payments Division

However, at the goods and services level, the pattern differed in 2002 as sales of goods-producers increased slightly whereas goods exports decreased, and sales of service-providers decreased while exports of services increased.

Goods exports in 2002 of \$414 billion were down \$7 billion from 2001, while goods-producers sales increased \$2 billion to \$223 billion. For goods-producers, the increase in 2002 was due to a \$5 billion or 13% rise in sales for the Mining and oil and gas industry. Conversely, a \$6 billion or 12% decrease in energy exports contributed to the overall decrease in goods exports.

Service-providers sales in 2002 of \$138 billion continued to heavily outweigh services exports of \$64 billion, however, the margin is not as great as in prior years. As previously mentioned, Wholesale trade, and Management of companies and enterprises were the primary contributors to the \$5 billion or 3% decline in service-provider sales. Commercial services and to a lesser extent Transportation services accounted for the \$3 billion or 5% increase in the exports of services.

Geographic distribution more similar for services than goods

Overall, foreign affiliate sales are less geographically concentrated than those of exports primarily due to the significant amount of goods exports to the United States.

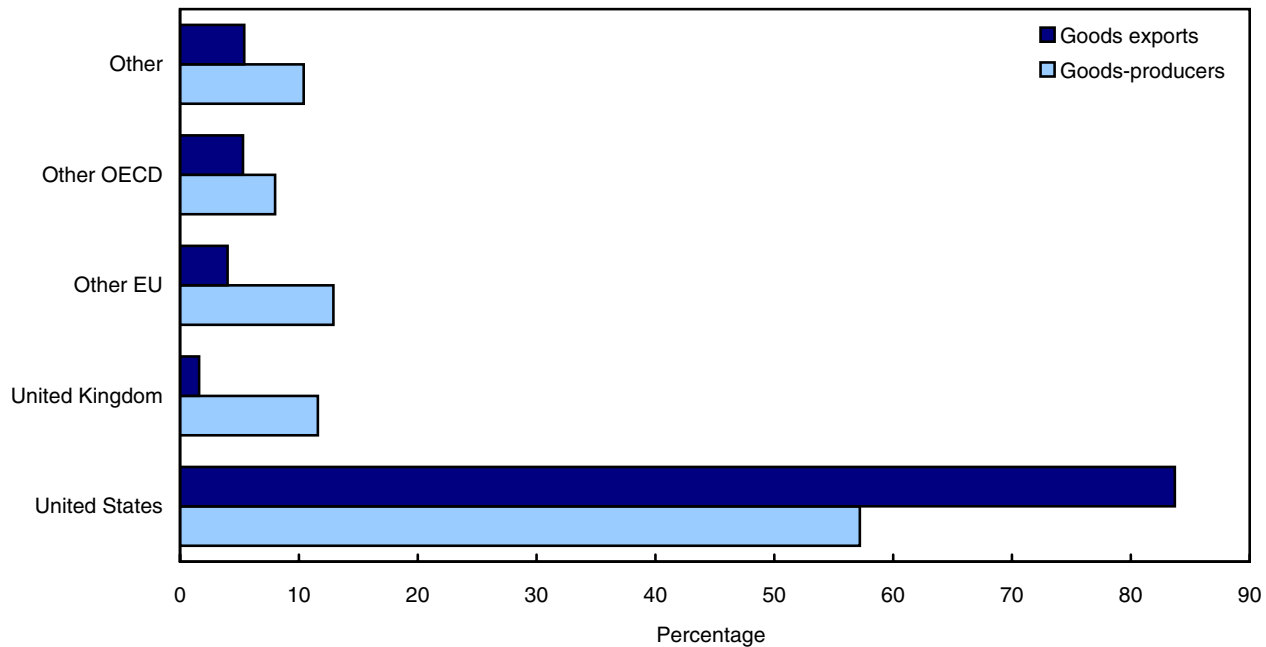
Exports of goods are much more concentrated than those of services. In 2002, \$347 billion or 84% of goods exports went to the United States compared with \$38 billion or 60% of services exports to the U.S.

Sales of foreign affiliate goods-producers appear slightly less concentrated than those of service-providers. In 2002, the U.S. markets accounted for \$127 billion or 57% of goods-producers sales, and \$95 billion or 69% of service-providers sales.

Goods sector, 2002

Chart 8

Destination of goods exports versus goods-producers affiliate sales, 2002

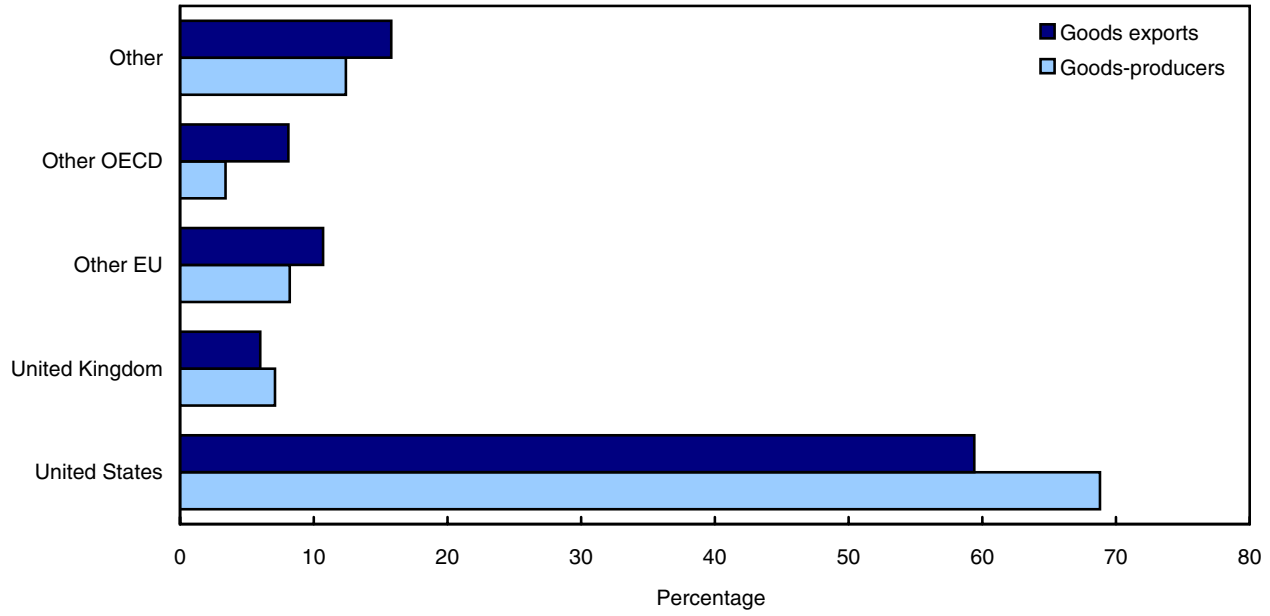


Source: Statistics Canada, Balance of Payments Division

Services sector, 2002

Chart 9

Destination of services exports versus services-producers affiliate sales, 2002



Source: Statistics Canada, Balance of Payments Division

Related products

Selected publications from Statistics Canada

11-010-X	Canadian economic observer
13-010-X	Canadian economic accounts quarterly review
13-605-X	Latest developments in the Canadian economic accounts
67-001-X	Canada's balance of international payments
67-002-X	Canada's international transactions in securities
67-202-X	Canada's international investment position
67-506-X	Canada's balance of international payments and international investment position, concepts, sources, methods and products
67F0001M	Balance of Payments Division - Research papers
87-213-X	Culture services trade - Data tables

Selected technical and analytical products from Statistics Canada

67F0001M1997001	Non-corporate foreign investment in Canadian real estate
67F0001M1997013	Implementation in Canada of the international standards for service trade - On with the fifth

Selected CANSIM tables from Statistics Canada

376-0001	Balance of international payments, current account
376-0002	Balance of international payments, capital and financial account
376-0003	Balance of international payments, current account
376-0004	Balance of international payments, capital and financial account
376-0031	International transactions in services, travel by category and geographical area
376-0032	International transactions in services, transportation by category
376-0033	International transactions in services, commercial services by category
376-0035	International transactions in services, by category
376-0036	International transactions in services, by selected countries
376-0062	International transactions in services, commercial services, by North American Industry Classification System (NAICS)

Selected surveys from Statistics Canada

1536	Canada's International Transactions in Services
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Selected tables of Canadian statistics from Statistics Canada

- *Canadian Statistics - Canada's balance of international payments*

Statistical tables

Table 1

International transactions in services, summary, 1993 to 2003

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Receipts											
Travel	8,480	9,558	10,819	11,749	12,221	14,019	15,141	15,997	16,414	16,747	14,746
Transportation	5,790	6,678	7,207	7,905	8,407	9,143	9,691	11,196	10,574	11,115	10,285
Commercial services	13,113	15,492	16,805	19,357	21,921	25,882	27,483	31,101	32,274	34,599	33,551
Government services	847	1,022	965	875	1,207	1,180	1,320	1,424	1,463	1,438	1,382
Total	28,230	32,750	35,796	39,886	43,755	50,223	53,636	59,718	60,725	63,899	59,964
Payments											
Travel	14,359	13,678	14,093	15,353	15,873	16,029	17,092	18,444	18,634	18,333	18,608
Transportation	9,883	10,528	10,911	10,567	11,417	11,759	12,307	13,916	13,868	14,122	14,225
Commercial services	16,859	19,602	20,260	22,381	24,658	28,041	30,110	32,366	34,592	37,464	37,119
Government services	739	605	669	661	671	721	762	774	836	883	903
Total	41,840	44,413	45,933	48,961	52,619	56,549	60,272	65,500	67,930	70,801	70,855
Balances											
Travel	-5,879	-4,120	-3,274	-3,604	-3,652	-2,010	-1,951	-2,447	-2,220	-1,586	-3,862
Transportation	-4,093	-3,849	-3,703	-2,662	-3,010	-2,616	-2,617	-2,719	-3,294	-3,007	-3,940
Commercial services	-3,746	-4,110	-3,455	-3,023	-2,737	-2,159	-2,627	-1,265	-2,317	-2,865	-3,567
Government services	108	417	296	214	536	459	558	650	627	555	479
Total	-13,610	-11,663	-10,136	-9,076	-8,864	-6,325	-6,636	-5,782	-7,204	-6,903	-10,891

Table 2-1

Travel by category, by geographical area, 1993 to 2003 - Receipts

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Travel, total	8,480	9,558	10,819	11,749	12,221	14,019	15,141	15,997	16,414	16,747	14,746
United States	4,878	5,469	6,027	6,489	6,921	8,606	9,365	9,449	9,947	10,334	9,086
All other countries	3,601	4,089	4,792	5,260	5,300	5,412	5,776	6,548	6,468	6,412	5,660
Business travel	1,642	1,809	1,988	2,226	2,461	2,772	2,897	2,920	2,651	2,737	2,389
United States	1,087	1,146	1,242	1,396	1,479	1,841	1,942	1,868	1,766	1,792	1,590
All other countries	555	664	747	830	981	931	955	1,052	885	945	799
Crew spending	77	93	93	101	110	142	175	177	166	175	180
United States	61	78	78	85	91	124	156	156	143	152	156
All other countries	15	15	15	17	18	18	19	21	23	23	24
Other business travel¹	1,565	1,716	1,896	2,125	2,351	2,630	2,722	2,744	2,485	2,562	2,209
United States	1,025	1,067	1,164	1,311	1,388	1,718	1,786	1,712	1,623	1,640	1,434
All other countries	540	649	732	813	963	913	936	1,031	862	922	775
Personal travel	6,838	7,749	8,831	9,523	9,760	11,246	12,245	13,077	13,763	14,010	12,357
United States	3,791	4,323	4,785	5,093	5,442	6,765	7,423	7,581	8,181	8,542	7,497
All other countries	3,046	3,426	4,045	4,430	4,319	4,481	4,821	5,496	5,582	5,468	4,860
Health related	66	70	86	87	88	90	92	94	96	101	104
United States	53	55	64	63	65	70	71	72	75	81	84
All other countries	14	15	21	23	22	20	21	22	21	20	20
Education related	810	778	783	765	824	849	844	914	1,070	1,238	1,427
United States	70	77	84	83	95	96	91	95	108	148	178
All other countries	740	701	698	682	729	753	754	819	963	1,090	1,248
Other personal travel	5,962	6,901	7,962	8,671	8,848	10,307	11,309	12,069	12,597	12,671	10,826
United States	3,669	4,191	4,637	4,947	5,281	6,599	7,262	7,414	7,998	8,313	7,234
All other countries	2,293	2,710	3,326	3,724	3,567	3,708	4,047	4,655	4,599	4,358	3,592

1. Included with personal spending prior to 1990.

Table 2-2

Travel by category, by geographical area, 1993 to 2003 - Payments

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Travel, total	14,359	13,678	14,093	15,353	15,873	16,029	17,092	18,444	18,634	18,333	18,608
United States	10,068	9,044	9,144	10,062	10,280	9,951	10,801	11,517	11,251	10,852	10,635
All other countries	4,291	4,634	4,948	5,290	5,593	6,078	6,291	6,927	7,383	7,481	7,973
Business travel	2,604	2,774	3,049	3,409	3,475	3,957	4,059	3,921	3,402	3,429	3,389
United States	1,588	1,649	1,740	1,999	2,000	2,449	2,660	2,556	2,257	2,236	2,151
All other countries	1,016	1,126	1,309	1,410	1,475	1,508	1,398	1,365	1,144	1,193	1,238
Crew spending	95	100	110	128	129	133	171	169	159	170	184
United States	86	90	98	116	115	117	155	151	139	152	165
All other countries	9	10	12	12	14	16	16	18	20	18	19
Other business travel ¹	2,509	2,675	2,939	3,281	3,346	3,824	3,888	3,751	3,243	3,259	3,205
United States	1,502	1,559	1,642	1,883	1,885	2,332	2,506	2,405	2,119	2,084	1,987
All other countries	1,007	1,116	1,297	1,398	1,461	1,492	1,382	1,347	1,124	1,175	1,219
Personal travel	11,755	10,904	11,044	11,943	12,398	12,071	13,034	14,524	15,233	14,903	15,219
United States	8,480	7,396	7,404	8,064	8,280	7,501	8,141	8,961	8,994	8,616	8,484
All other countries	3,275	3,508	3,640	3,880	4,118	4,570	4,892	5,562	6,239	6,288	6,735
Health related	132	98	184	198	225	263	286	317	352	414	468
United States	122	90	171	184	210	244	266	295	327	385	435
All other countries	10	8	13	14	16	18	20	22	25	29	33
Education related	515	595	668	700	715	776	889	982	1,175	1,098	1,064
United States	424	502	535	559	582	628	665	722	850	816	788
All other countries	91	93	133	140	133	148	225	260	325	282	275
Other personal travel	11,108	10,211	10,192	11,045	11,458	11,032	11,858	13,225	13,706	13,391	13,687
United States	7,933	6,804	6,699	7,320	7,488	6,629	7,211	7,944	7,817	7,415	7,260
All other countries	3,175	3,407	3,493	3,726	3,969	4,404	4,647	5,281	5,889	5,976	6,427

1. Included with personal spending prior to 1990.

Table 2-3

Travel by category, by geographical area, 1993 to 2003 - Balances

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Travel, total	-5,879	-4,120	-3,274	-3,604	-3,652	-2,010	-1,951	-2,447	-2,220	-1,586	-3,862
United States	-5,190	-3,576	-3,117	-3,574	-3,359	-1,344	-1,436	-2,068	-1,305	-517	-1,549
All other countries	-690	-545	-157	-30	-294	-666	-514	-379	-915	-1,069	-2,313
Business travel	-962	-965	-1,061	-1,183	-1,015	-1,185	-1,162	-1,001	-751	-692	-1,000
United States	-501	-503	-498	-603	-520	-608	-719	-688	-492	-444	-561
All other countries	-461	-462	-562	-580	-494	-577	-443	-313	-259	-248	-438
Crew spending	-18	-6	-17	-27	-19	9	4	7	8	5	-4
United States	-25	-11	-21	-31	-23	7	1	5	4	0	-9
All other countries	7	5	3	4	4	2	3	3	3	5	5
Other business travel ¹	-944	-959	-1,043	-1,157	-995	-1,194	-1,166	-1,008	-758	-697	-996
United States	-477	-492	-478	-572	-497	-615	-720	-692	-496	-444	-553
All other countries	-467	-467	-565	-585	-498	-579	-446	-316	-262	-253	-443
Personal travel	-4,917	-3,155	-2,213	-2,421	-2,638	-825	-789	-1,447	-1,469	-894	-2,862
United States	-4,688	-3,073	-2,619	-2,971	-2,838	-736	-718	-1,380	-813	-74	-987
All other countries	-229	-83	406	550	201	-89	-71	-66	-657	-820	-1,875
Health related	-65	-28	-98	-112	-138	-173	-194	-223	-256	-313	-364
United States	-69	-35	-106	-121	-144	-174	-195	-223	-251	-304	-351
All other countries	4	7	9	10	7	1	1	0	-4	-9	-13
Education related	295	183	114	65	109	73	-45	-68	-104	140	363
United States	-354	-425	-451	-476	-487	-532	-574	-627	-742	-667	-610
All other countries	649	608	565	542	596	605	529	559	638	807	973
Other personal travel	-5,147	-3,310	-2,230	-2,374	-2,609	-725	-550	-1,156	-1,109	-721	-2,861
United States	-4,265	-2,613	-2,062	-2,373	-2,207	-30	51	-530	181	898	-26
All other countries	-882	-697	-168	-1	-402	-695	-601	-626	-1,290	-1,619	-2,835

1. Included with personal spending prior to 1990.

Table 3

Transportation by category, 1993 to 2003

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Receipts											
Water transport	1,657	1,925	1,994	1,905	2,004	2,035	1,924	2,317	2,270	2,472	2,578
Water transport, freight	796	720	911	769	862	801	635	884	818	787	806
Water transport, auxiliary services	861	1,205	1,083	1,136	1,142	1,234	1,289	1,432	1,452	1,685	1,772
Air transport	2,378	2,598	2,900	3,274	3,490	4,093	4,407	5,184	4,904	4,987	4,306
Air transports, passenger ¹	1,197	1,484	1,700	1,979	2,159	2,413	2,668	3,316	3,168	3,190	2,248
Air transport, freight and auxiliary services	1,181	1,114	1,200	1,296	1,331	1,681	1,739	1,868	1,736	1,797	2,058
Land and other transport	1,755	2,155	2,313	2,726	2,914	3,015	3,360	3,695	3,400	3,657	3,401
Land and other transport, passenger	14	10	19	23	17	22	34	33	36	31	27
Land and other transport, freight and auxiliary services	1,741	2,145	2,294	2,702	2,896	2,992	3,326	3,662	3,364	3,625	3,374
Transportation, total	5,790	6,678	7,207	7,905	8,407	9,143	9,691	11,196	10,574	11,115	10,285
Payments											
Water transport	3,876	4,218	4,044	3,346	3,625	3,898	4,301	5,101	5,147	5,416	5,561
Water transport, freight	3,313	3,654	3,462	2,811	3,065	3,387	3,827	4,626	4,693	4,918	5,046
Water transport, auxiliary services	563	564	582	535	559	511	474	475	454	498	515
Air transport	4,329	4,382	4,673	4,976	5,349	5,414	5,415	6,066	6,123	6,009	6,167
Air transports, passenger ¹	2,879	2,894	3,222	3,403	3,606	3,668	3,631	3,887	4,031	3,889	4,006
Air transport, freight and auxiliary services	1,450	1,488	1,451	1,573	1,743	1,746	1,784	2,179	2,092	2,121	2,161
Land and other transport	1,678	1,928	2,193	2,245	2,443	2,447	2,591	2,749	2,598	2,697	2,497
Land and other transport, passenger	93	74	71	88	89	80	85	99	99	88	150
Land and other transport, freight and auxiliary services	1,585	1,854	2,122	2,157	2,354	2,367	2,506	2,650	2,499	2,609	2,347
Transportation, total	9,883	10,528	10,911	10,567	11,417	11,759	12,307	13,916	13,868	14,122	14,225
Balances											
Water transport	-2,219	-2,292	-2,050	-1,441	-1,621	-1,863	-2,377	-2,784	-2,877	-2,944	-2,983
Water transport, freight	-2,517	-2,934	-2,551	-2,043	-2,204	-2,586	-3,192	-3,742	-3,875	-4,131	-4,240
Water transport, auxiliary services	298	642	501	601	583	723	815	958	998	1,188	1,256
Air transport	-1,951	-1,784	-1,773	-1,702	-1,860	-1,321	-1,008	-882	-1,219	-1,023	-1,861
Air transports, passenger ¹	-1,682	-1,410	-1,522	-1,425	-1,447	-1,256	-962	-571	-863	-699	-1,757
Air transport, freight and auxiliary services	-269	-374	-251	-277	-412	-65	-46	-311	-356	-324	-104
Land and other transport	77	227	120	481	470	568	769	946	802	960	904
Land and other transport, passenger	-79	-64	-52	-65	-72	-57	-51	-65	-64	-57	-123
Land and other transport, freight and auxiliary services	156	291	172	546	542	625	820	1,012	866	1,017	1,027
Transportation, total	-4,093	-3,849	-3,703	-2,662	-3,010	-2,616	-2,617	-2,719	-3,294	-3,007	-3,940

1. International passenger fares by water included under air transport.

Table 4-1

Commercial services by category, 1993 to 2003 - Receipts

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Communications services	1,417	1,618	1,753	1,748	2,039	2,193	2,175	2,046	2,317	2,414	2,363
Construction services	88	108	131	141	187	273	291	323	323	167	139
Insurance services	2,810	3,420	3,096	2,988	2,938	3,521	3,316	2,877	3,703	4,891	4,525
Primary life and non-life insurance	533	589	827	814	896	746	668	693	864	990	1,117
Reinsurance, life	1,339	1,605	1,298	1,223	926	1,081	1,114	795	637	1,137	730
Reinsurance, non-life	736	948	687	693	759	1,315	1,133	1,021	1,722	2,132	2,040
Reinsurance commissions	202	278	285	259	358	379	401	368	479	632	638
Other financial services	850	992	866	993	1,164	1,202	1,199	1,304	1,160	1,493	1,487
Computer and information services	1,043	1,129	1,387	1,074	1,499	2,053	2,963	3,604	3,602	3,450	3,189
Computer services	995	1,072	1,307	971	1,277	1,827	2,641	3,288	3,197	3,056	2,800
Information services	47	58	80	103	222	225	322	316	405	395	390
Royalties and licence fees	308	440	513	1,196	1,611	2,077	2,294	3,353	3,749	3,788	3,575
Patents and industrial design	140	188	170	192	179	225	212	1,079	1,294	1,459	1,411
Trademarks	30	36	52	90	118	156	123	96	98	97	98
Franchises	23	28	22	31	21	21	12	20	15	18	27
Copyrights and related rights	39	48	71	106	163	200	234	274	355	231	307
Software and other royalties	76	140	199	776	1,129	1,474	1,714	1,884	1,987	1,982	1,732
Non-financial commissions	383	469	500	565	648	688	711	713	687	687	723
Equipment rentals	204	222	224	217	211	259	281	280	304	317	344
Management services	1,120	1,321	1,459	1,774	2,119	2,245	2,693	3,257	3,847	4,120	4,033
Legal services	..	..	275	257	299	319	387	407	438	458	408
Other management services	1,120	1,321	1,184	1,517	1,820	1,926	2,306	2,850	3,409	3,662	3,625
Advertising and related services	160	181	174	223	297	367	322	495	560	513	538
Research and development	997	1,332	1,463	1,703	1,812	2,741	3,208	4,230	3,033	2,961	2,896
Architectural, engineering, and other technical services	1,398	1,515	2,000	2,896	3,045	3,201	2,326	2,654	2,920	3,505	3,416
Architectural and engineering services	979	1,059	1,456	2,041	2,184	2,336	1,648	1,688	1,888	2,613	2,443
Other technical services	418	456	544	855	862	866	678	965	1,032	892	973
Miscellaneous services to business	1,603	1,943	2,211	2,610	2,876	3,421	3,645	3,809	3,907	3,955	3,800
Miscellaneous business services	579	708	977	1,347	1,602	1,962	1,986	2,051	2,203	2,236	2,212
Tooling and other miscellaneous services	1,024	1,235	1,234	1,263	1,274	1,460	1,659	1,758	1,704	1,719	1,588
Audio-visual services	599	653	877	1,069	1,315	1,478	1,880	1,966	1,963	2,129	2,321
Personal, cultural and recreational services	135	147	150	160	161	163	177	188	197	210	203
Commercial services, total	13,113	15,492	16,805	19,357	21,921	25,882	27,483	31,101	32,274	34,599	33,551

Table 4-2

Commercial services by category, 1993 to 2003 - Payments

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Communications services	1,349	1,550	1,745	1,695	2,236	2,284	2,077	2,050	2,065	2,238	2,246
Construction services	111	288	266	93	151	175	287	119	95	96	91
Insurance services	3,105	4,037	3,811	3,934	4,027	4,302	4,410	4,215	5,415	6,764	6,996
Primary life and non-life insurance	700	770	974	1,034	1,054	1,203	893	636	1,053	1,109	1,410
Reinsurance, life	1,333	1,640	1,482	1,484	1,498	1,526	1,692	1,717	1,887	2,402	2,182
Reinsurance, non-life	938	1,445	1,185	1,251	1,357	1,440	1,645	1,719	2,330	3,084	3,227
Reinsurance commissions	135	182	170	165	117	133	180	142	144	169	177
Other financial services	1,250	1,381	1,291	1,675	1,758	2,056	1,844	2,290	2,561	2,719	2,515
Computer and information services	520	685	678	721	954	1,111	1,294	1,335	1,434	1,580	1,437
Computer services	382	526	496	510	595	730	842	867	921	905	847
Information services	138	160	182	210	359	381	452	469	513	675	590
Royalties and licence fees	2,175	2,409	2,584	2,659	3,224	4,024	4,958	5,600	5,740	6,693	6,727
Patents and industrial design	877	958	1,002	933	1,093	1,551	2,333	2,588	2,726	3,527	3,600
Trademarks	332	427	513	510	611	647	653	691	682	689	729
Franchises	132	121	116	130	119	165	179	265	297	395	315
Copyrights and related rights	179	260	212	275	353	433	413	576	527	592	583
Software and other royalties	655	643	741	811	1,048	1,229	1,380	1,480	1,508	1,491	1,499
Non-financial commissions	456	503	581	460	565	632	684	711	715	633	635
Equipment rentals	324	399	406	440	540	582	656	679	705	684	661
Management services	1,786	2,243	2,390	3,031	3,385	3,729	4,247	4,783	5,208	5,006	5,079
Legal services	..	..	226	271	351	362	401	458	547	540	541
Other management services	1,786	2,243	2,164	2,760	3,034	3,367	3,846	4,325	4,662	4,466	4,538
Advertising and related services	329	407	448	487	520	509	517	536	529	522	642
Research and development	615	769	861	767	962	1,276	1,561	1,711	1,449	1,402	1,374
Architectural, engineering, and other technical services	820	819	848	1,194	1,174	1,532	1,369	1,546	1,664	1,966	1,908
Architectural and engineering services	343	278	298	485	499	743	624	719	800	1,120	923
Other technical services	477	541	550	710	675	789	746	827	864	845	985
Miscellaneous services to business	3,109	2,948	2,979	3,573	3,497	3,966	4,238	4,341	4,568	4,699	4,239
Miscellaneous business services	474	519	479	653	837	958	1,095	1,086	1,168	1,269	1,094
Tooling and other miscellaneous services	2,635	2,429	2,500	2,920	2,660	3,009	3,143	3,256	3,401	3,429	3,146
Audio-visual services	805	1,052	1,228	1,506	1,519	1,712	1,807	2,283	2,268	2,281	2,380
Personal, cultural and recreational services	106	112	143	145	146	152	159	166	174	182	188
Commercial services, total	16,859	19,602	20,260	22,381	24,658	28,041	30,110	32,366	34,592	37,464	37,119

Table 4-3

Commercial services by category, 1993 to 2003 - Balances

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Communications services	68	69	8	53	-197	-90	98	-4	252	177	116
Construction services	-23	-180	-135	48	37	98	4	204	227	70	48
Insurance services	-295	-617	-714	-946	-1,089	-781	-1,095	-1,338	-1,712	-1,873	-2,471
Primary life and non-life insurance	-167	-181	-147	-221	-158	-457	-225	56	-189	-120	-293
Reinsurance, life	6	-36	-184	-261	-573	-445	-578	-922	-1,250	-1,264	-1,452
Reinsurance, non-life	-201	-496	-498	-558	-598	-125	-512	-698	-608	-952	-1,187
Reinsurance commissions	67	96	115	94	241	246	221	226	335	463	461
Other financial services	-401	-389	-425	-682	-595	-853	-645	-987	-1,401	-1,226	-1,029
Computer and information services	523	444	709	354	545	941	1,669	2,269	2,168	1,871	1,752
Computer services	614	546	811	461	682	1,097	1,799	2,422	2,276	2,151	1,952
Information services	-91	-102	-102	-107	-137	-156	-130	-153	-108	-280	-200
Royalties and licence fees	-1,867	-1,968	-2,070	-1,463	-1,613	-1,947	-2,664	-2,247	-1,990	-2,905	-3,152
Patents and industrial design	-737	-769	-832	-741	-914	-1,325	-2,121	-1,509	-1,432	-2,068	-2,189
Trademarks	-302	-391	-461	-420	-493	-491	-531	-596	-584	-592	-630
Franchises	-109	-94	-94	-98	-97	-144	-166	-245	-282	-376	-289
Copyrights and related rights	-139	-211	-142	-169	-190	-233	-180	-302	-172	-361	-277
Software and other royalties	-580	-504	-542	-35	81	246	334	405	479	492	233
Non-financial commissions	-72	-34	-81	104	82	55	26	3	-28	54	87
Equipment rentals	-120	-176	-182	-223	-329	-323	-375	-398	-400	-367	-317
Management services	-667	-922	-931	-1,257	-1,266	-1,484	-1,554	-1,526	-1,361	-886	-1,046
Legal services	..	..	49	-14	-52	-43	-14	-51	-109	-82	-133
Other management services	-667	-922	-980	-1,244	-1,214	-1,440	-1,540	-1,475	-1,252	-804	-913
Advertising and related services	-168	-226	-274	-264	-222	-142	-195	-40	31	-9	-104
Research and development	381	563	602	936	850	1,465	1,647	2,520	1,584	1,559	1,522
Architectural, engineering, and other technical services	578	696	1,152	1,702	1,871	1,670	957	1,108	1,256	1,540	1,508
Architectural and engineering services	636	781	1,158	1,557	1,685	1,593	1,024	969	1,088	1,493	1,520
Other technical services	-58	-86	-6	145	186	77	-67	139	168	47	-12
Miscellaneous services to business	-1,507	-1,004	-769	-963	-621	-545	-592	-533	-661	-744	-439
Miscellaneous business services	104	190	498	694	765	1,004	892	966	1,036	967	1,119
Tooling and other miscellaneous services	-1,611	-1,194	-1,266	-1,657	-1,386	-1,549	-1,484	-1,498	-1,697	-1,711	-1,558
Audio-visual services	-206	-400	-352	-438	-205	-233	73	-317	-305	-153	-58
Personal, cultural and recreational services	30	35	7	15	15	11	18	23	24	28	15
Commercial services, total	-3,746	-4,110	-3,455	-3,023	-2,737	-2,159	-2,627	-1,265	-2,317	-2,865	-3,567

Table 5-1

Commercial services by category, by area and affiliation, 2000 - Receipts

	United States			European Union			Other countries			Total, commercial services
	Related	Other	Total	Related	Other	Total	Related	Other	Total	
millions of dollars										
Communications services	189	1,160	1,348	6	333	339	0	358	358	2,046
Construction services	114	173	287	0	0	0	5	31	36	323
Insurance services	245	1,149	1,394	348	180	528	477	479	956	2,877
Primary life and non-life insurance	15	507	522	0	69	69	2	100	102	693
Reinsurance, life	6	483	489	19	20	39	34	232	267	795
Reinsurance, non-life	182	114	296	268	58	326	325	74	399	1,021
Reinsurance commissions	42	44	86	61	33	94	116	72	188	368
Other financial services	188	499	687	25	319	344	5	267	273	1,304
Computer and information services	752	2,039	2,791	109	326	435	33	346	378	3,604
Computer services	644	1,897	2,541	62	315	376	32	340	372	3,288
Information services	108	142	250	47	12	59	1	6	7	316
Royalties and licence fees	1,255	1,056	2,311	243	365	608	211	223	434	3,353
Patents and industrial design	674	39	713	160	15	175	146	45	191	1,079
Trademarks	23	6	29	30	12	43	20	4	24	96
Franchises	3	0	3	8	0	8	9	0	9	20
Copyrights and related rights	80	97	177	5	59	64	1	33	34	274
Software and other royalties	475	914	1,388	40	280	319	34	142	177	1,884
Non-financial commissions	419	113	532	33	39	72	46	63	110	713
Equipment rentals	30	213	243	9	7	16	6	15	21	280
Management services	1,712	573	2,285	348	112	459	210	303	513	3,257
Legal services	4	298	302	0	63	63	0	41	42	407
Other management services	1,708	275	1,983	347	49	396	210	262	471	2,850
Advertising and related services	57	260	317	46	15	61	50	68	117	495
Research and development	2,708	385	3,093	591	34	625	290	223	513	4,230
Architectural, engineering, and other technical services	369	720	1,089	111	106	217	140	1,208	1,347	2,654
Architectural and engineering services	228	341	569	90	56	147	77	895	972	1,688
Other technical services	141	379	520	20	50	70	63	312	375	965
Miscellaneous services to business	2,046	824	2,870	57	69	126	140	673	813	3,809
Miscellaneous business services	523	751	1,274	25	52	77	69	631	700	2,051
Tooling and other miscellaneous services	1,523	73	1,596	32	17	49	71	42	112	1,758
Audio-visual services	318	1,061	1,378	239	220	459	7	121	129	1,966
Personal, cultural and recreational services	188	0	188	0	0	0	0	0	0	188
Commercial services, total	10,588	10,225	20,813	2,166	2,124	4,290	1,619	4,378	5,997	31,101

Table 5-2

Commercial services by category, by area and affiliation, 2000 - Payments and balances

	United States			European Union			Other countries			Total, commercial services
	Related	Other	Total	Related	Other	Total	Related	Other	Total	
millions of dollars										
Communications services	305	1,123	1,428	8	371	379	17	227	244	2,050
Construction services	12	45	57	2	36	38	9	16	24	119
Insurance services	447	1,284	1,731	435	257	692	620	1,173	1,793	4,215
Primary life and non-life insurance	141	413	554	24	14	38	20	24	44	636
Reinsurance, life	7	555	562	17	107	124	58	974	1,032	1,717
Reinsurance, non-life	292	191	483	391	134	525	541	171	711	1,719
Reinsurance commissions	7	125	132	3	1	4	1	5	6	142
Other financial services	384	1,326	1,711	15	334	349	36	195	231	2,290
Computer and information services	433	798	1,231	54	14	68	10	26	36	1,335
Computer services	376	443	819	15	6	20	6	21	27	867
Information services	57	355	412	40	8	48	4	5	9	469
Royalties and licence fees	3,221	664	3,885	355	59	414	1,289	12	1,301	5,600
Patents and industrial design	1,185	32	1,217	173	23	196	1,174	1	1,175	2,588
Trademarks	483	87	570	78	1	78	43	0	43	691
Franchises	157	95	252	1	1	2	11	0	11	265
Copyrights and related rights	360	128	487	53	25	78	3	8	11	576
Software and other royalties	1,035	323	1,358	51	9	60	58	4	61	1,480
Non-financial commissions	401	113	514	13	15	28	44	125	169	711
Equipment rentals	172	478	650	12	6	18	1	9	10	679
Management services	3,476	811	4,287	216	85	301	150	46	196	4,783
Legal services	9	360	368	4	59	63	0	27	27	458
Other management services	3,467	451	3,918	212	27	238	150	19	169	4,325
Advertising and related services	163	249	413	32	48	80	34	9	43	536
Research and development	1,049	216	1,265	344	28	373	49	24	73	1,711
Architectural, engineering, and other technical services	654	337	992	69	143	212	49	293	342	1,546
Architectural and engineering services	272	63	335	26	94	120	23	241	264	719
Other technical services	382	274	657	43	49	92	26	52	78	827
Miscellaneous services to business	3,424	491	3,914	115	41	156	116	156	271	4,341
Miscellaneous business services	269	444	713	104	31	134	92	147	238	1,086
Tooling and other miscellaneous services	3,155	47	3,201	12	10	22	24	9	33	3,256
Audio-visual services	577	1,368	1,946	12	182	193	4	139	144	2,283
Personal, cultural and recreational services	165	0	166	0	0	0	0	0	0	166
Commercial services, total	14,883	9,304	24,187	1,682	1,618	3,300	2,428	2,450	4,878	32,366
Balances	-4,295	921	-3,374	484	506	990	-809	1,928	1,119	-1,265

Table 5-3

Commercial services by category, by area and affiliation, 2001 - Receipts

	United States			European Union			Other countries			Total, commercial services
	Related	Other	Total	Related	Other	Total	Related	Other	Total	
millions of dollars										
Communications services	220	1,353	1,573	5	355	360	5	380	385	2,317
Construction services	134	128	263	0	4	4	26	30	57	323
Insurance services	358	1,123	1,482	548	381	929	599	694	1,293	3,703
Primary life and non-life insurance	19	676	695	0	65	66	5	99	104	864
Reinsurance, life	5	262	267	15	144	159	41	169	211	637
Reinsurance, non-life	284	157	442	399	125	524	428	328	756	1,722
Reinsurance commissions	50	27	78	133	47	180	124	98	222	479
Other financial services	89	422	511	69	369	438	5	207	211	1,160
Computer and information services	831	1,936	2,767	43	478	521	63	251	314	3,602
Computer services	705	1,726	2,431	41	467	508	20	238	258	3,197
Information services	126	210	336	3	11	14	42	13	55	405
Royalties and licence fees	1,291	1,170	2,462	273	475	748	269	271	540	3,749
Patents and industrial design	801	70	872	196	13	209	181	33	214	1,294
Trademarks	26	3	29	39	8	47	20	2	22	98
Franchises	1	3	3	0	0	0	12	0	12	15
Copyrights and related rights	98	65	163	4	150	154	1	36	38	355
Software and other royalties	365	1,029	1,394	35	303	338	55	200	255	1,987
Non-financial commissions	336	82	418	30	50	81	102	86	188	687
Equipment rentals	25	195	220	4	6	10	15	59	74	304
Management services	1,948	621	2,569	341	111	451	528	299	827	3,847
Legal services	6	310	316	0	72	72	0	50	50	438
Other management services	1,942	311	2,253	340	39	379	528	249	777	3,409
Advertising and related services	62	348	411	15	16	30	51	68	119	560
Research and development	1,850	73	1,923	579	39	618	284	208	492	3,033
Architectural, engineering, and other technical services	512	619	1,131	175	180	355	180	1,254	1,435	2,920
Architectural and engineering services	446	164	611	148	61	209	143	925	1,069	1,888
Other technical services	66	454	520	27	119	146	37	329	366	1,032
Miscellaneous services to business	2,276	496	2,772	77	77	155	157	823	981	3,907
Miscellaneous business services	810	430	1,240	41	56	97	87	779	866	2,203
Tooling and other miscellaneous services	1,466	66	1,532	37	21	58	70	44	114	1,704
Audio-visual services	281	1,211	1,493	241	174	415	12	43	55	1,963
Personal, cultural and recreational services	197	0	197	0	0	0	0	0	0	197
Commercial services, total	10,411	9,779	20,190	2,401	2,714	5,115	2,295	4,674	6,970	32,274

Table 5-4

Commercial services by category, by area and affiliation, 2001 - Payments and balances

	United States			European Union			Other countries			Total, commercial services
	Related	Other	Total	Related	Other	Total	Related	Other	Total	
millions of dollars										
Communications services	303	1,159	1,462	9	354	363	0	240	240	2,065
Construction services	7	50	56	2	15	17	11	11	22	95
Insurance services	380	1,603	1,983	672	520	1,192	723	1,517	2,239	5,415
Primary life and non-life insurance	42	949	992	15	14	28	14	19	33	1,053
Reinsurance, life	9	310	320	113	327	440	54	1,073	1,127	1,887
Reinsurance, non-life	324	241	565	543	153	697	654	414	1,069	2,330
Reinsurance commissions	5	102	107	1	26	27	0	10	10	144
Other financial services	293	1,511	1,804	116	392	508	29	220	249	2,561
Computer and information services	384	954	1,338	12	20	33	40	24	63	1,434
Computer services	292	582	874	8	12	20	5	22	27	921
Information services	92	372	464	4	8	13	34	2	36	513
Royalties and licence fees	3,279	598	3,877	423	51	475	1,376	12	1,388	5,740
Patents and industrial design	1,147	79	1,225	242	14	256	1,244	1	1,245	2,726
Trademarks	500	38	538	73	0	73	70	1	71	682
Franchises	193	93	286	1	0	1	10	0	10	297
Copyrights and related rights	319	116	435	59	24	83	3	5	9	527
Software and other royalties	1,120	272	1,392	49	13	62	49	5	54	1,508
Non-financial commissions	354	119	473	21	15	37	85	120	205	715
Equipment rentals	118	471	589	34	3	37	73	7	79	705
Management services	3,508	860	4,367	351	69	420	355	66	421	5,208
Legal services	13	451	464	0	58	58	0	25	25	547
Other management services	3,495	409	3,904	351	11	362	355	41	396	4,662
Advertising and related services	154	264	418	33	33	66	37	9	45	529
Research and development	817	223	1,040	316	20	337	57	16	73	1,449
Architectural, engineering, and other technical services	533	513	1,046	124	112	236	92	290	382	1,664
Architectural and engineering services	229	123	352	81	67	148	67	233	300	800
Other technical services	304	390	694	43	44	88	25	57	82	864
Miscellaneous services to business	3,788	250	4,037	134	75	209	130	191	322	4,568
Miscellaneous business services	565	129	694	120	68	189	105	180	285	1,168
Tooling and other miscellaneous services	3,223	121	3,343	14	7	20	26	11	37	3,401
Audio-visual services	580	1,313	1,893	13	191	204	6	165	171	2,268
Personal, cultural and recreational services	171	0	171	0	3	3	0	0	0	174
Commercial services, total	14,667	9,889	24,555	2,263	1,873	4,136	3,013	2,887	5,901	34,592
Balances	-4,256	-110	-4,365	138	841	979	-718	1,787	1,069	-2,318

Table 5-5

Commercial services by category, by area and affiliation, 2002 - Receipts

	United States			European Union			Other countries			Total, commercial services
	Related	Other	Total	Related	Other	Total	Related	Other	Total	
millions of dollars										
Communications services	258	1,413	1,670	26	344	370	7	368	374	2,414
Construction services	26	62	88	0	7	8	8	63	71	167
Insurance services	329	1,702	2,031	837	304	1,141	989	730	1,719	4,891
Primary life and non-life insurance	6	806	812	2	68	70	0	107	107	990
Reinsurance, life	17	540	557	200	66	267	27	287	313	1,137
Reinsurance, non-life	270	243	512	508	119	627	755	238	993	2,132
Reinsurance commissions	36	113	149	127	51	178	207	98	305	632
Other financial services	239	442	681	17	531	548	2	261	264	1,493
Computer and information services	912	1,713	2,625	40	479	520	67	239	306	3,450
Computer services	733	1,573	2,306	37	469	507	23	220	243	3,056
Information services	179	140	319	3	10	13	44	19	63	395
Royalties and licence fees	1,571	973	2,544	310	361	671	294	280	574	3,788
Patents and industrial design	933	45	978	219	13	232	209	41	250	1,459
Trademarks	19	13	32	36	8	44	20	1	22	97
Franchises	0	6	6	0	0	0	12	0	12	18
Copyrights and related rights	72	80	151	3	42	45	3	32	35	231
Software and other royalties	547	830	1,377	52	298	350	50	206	256	1,982
Non-financial commissions	384	116	500	28	27	55	49	84	132	687
Equipment rentals	12	196	208	2	7	9	21	80	101	317
Management services	2,260	659	2,919	298	109	407	462	332	794	4,120
Legal services	5	340	345	0	70	70	1	42	42	458
Other management services	2,255	319	2,574	298	39	336	462	290	752	3,662
Advertising and related services	73	255	329	25	16	42	67	76	143	513
Research and development	1,626	304	1,929	563	44	606	217	208	425	2,961
Architectural, engineering, and other technical services	217	1,511	1,728	96	138	235	154	1,389	1,543	3,505
Architectural and engineering services	157	1,127	1,284	85	53	138	100	1,092	1,192	2,613
Other technical services	60	384	444	11	86	97	54	297	351	892
Miscellaneous services to business	2,066	819	2,885	70	31	101	216	753	969	3,955
Miscellaneous business services	498	801	1,299	33	18	51	165	721	886	2,236
Tooling and other miscellaneous services	1,568	17	1,585	37	13	50	51	32	83	1,719
Audio-visual services	264	1,265	1,529	243	279	522	12	65	77	2,129
Personal, cultural and recreational services	209	1	210	0	0	0	0	0	0	210
Commercial services, total	10,446	11,429	21,875	2,556	2,678	5,234	2,564	4,927	7,491	34,599

Table 5-6

Commercial services by category, by area and affiliation, 2002 - Payments and balances

	United States			European Union			Other countries			Total, commercial services
	Related	Other	Total	Related	Other	Total	Related	Other	Total	
millions of dollars										
Communications services	261	1,256	1,517	14	421	435	0	286	286	2,238
Construction services	7	51	58	2	17	18	10	9	20	96
Insurance services	436	2,128	2,563	750	551	1,302	1,316	1,582	2,899	6,764
Primary life and non-life insurance	44	985	1,030	13	13	26	20	33	53	1,109
Reinsurance, life	12	592	604	225	317	543	38	1,217	1,255	2,402
Reinsurance, non-life	372	428	799	511	208	719	1,257	308	1,565	3,084
Reinsurance commissions	8	123	130	1	13	14	1	24	25	169
Other financial services	441	1,601	2,042	26	444	470	41	166	207	2,719
Computer and information services	642	847	1,489	15	16	31	38	21	59	1,580
Computer services	355	505	860	10	14	23	3	18	21	905
Information services	287	343	630	5	2	8	34	3	38	675
Royalties and licence fees	3,364	805	4,169	400	68	468	2,027	29	2,056	6,693
Patents and industrial design	1,301	85	1,385	236	5	241	1,899	2	1,901	3,527
Trademarks	433	89	522	84	14	98	65	4	69	689
Franchises	271	113	383	1	0	1	10	1	11	395
Copyrights and related rights	306	211	517	34	23	58	11	7	17	592
Software and other royalties	1,053	308	1,362	44	26	71	43	15	59	1,491
Non-financial commissions	294	125	419	11	12	23	69	122	191	633
Equipment rentals	151	418	569	25	7	32	75	9	84	684
Management services	3,441	874	4,316	290	80	370	254	67	321	5,006
Legal services	24	424	449	0	65	65	0	26	26	540
Other management services	3,417	450	3,867	289	15	304	254	41	295	4,466
Advertising and related services	183	215	397	35	37	72	41	11	52	522
Research and development	759	228	987	310	47	357	31	26	57	1,402
Architectural, engineering, and other technical services	395	814	1,208	73	255	327	49	380	430	1,966
Architectural and engineering services	171	389	560	41	230	271	31	258	289	1,120
Other technical services	223	425	648	32	24	56	18	122	141	845
Miscellaneous services to business	3,038	777	3,816	227	72	299	395	190	585	4,699
Miscellaneous business services	117	530	647	215	63	278	164	181	345	1,269
Tooling and other miscellaneous services	2,921	248	3,169	12	9	21	230	9	239	3,429
Audio-visual services	563	1,356	1,919	13	195	208	6	148	154	2,281
Personal, cultural and recreational services	179	3	182	0	0	0	0	0	0	182
Commercial services, total	14,154	11,498	25,652	2,192	2,222	4,413	4,354	3,046	7,400	37,464
Balances	-3,708	-69	-3,777	364	456	821	-1,790	1,881	91	-2,865

Table 6-1

Commercial services by category and by affiliation for all countries, 2000 to 2002 - Receipts

	2000			2001			2002		
	Related	Other	Total, commercial services	Related	Other	Total, commercial services	Related	Other	Total, commercial services
Receipts	millions of dollars								
Communications services	195	1,851	2,046	229	2,088	2,317	290	2,124	2,414
Construction services	119	204	323	161	162	323	34	132	167
Insurance services	1,070	1,807	2,877	1,505	2,198	3,703	2,155	2,736	4,891
Primary life and non-life insurance	17	676	693	23	841	864	8	981	990
Reinsurance, life	59	735	795	62	575	637	244	893	1,137
Reinsurance, non-life	775	246	1,021	1,112	610	1,722	1,532	599	2,132
Reinsurance commissions	219	149	368	308	172	479	370	262	632
Other financial services	219	1,085	1,304	163	998	1,160	259	1,234	1,493
Computer and information services	893	2,711	3,604	937	2,664	3,602	1,019	2,431	3,450
Computer services	737	2,551	3,288	766	2,431	3,197	793	2,263	3,056
Information services	156	160	316	171	234	405	226	168	395
Royalties and licence fees	1,708	1,645	3,353	1,833	1,916	3,749	2,175	1,613	3,788
Patents and industrial design	981	98	1,079	1,178	117	1,294	1,361	98	1,459
Trademarks	73	22	96	86	13	98	75	22	97
Franchises	19	0	20	12	3	15	12	6	18
Copyrights and related rights	86	188	274	103	252	355	78	153	231
Software and other royalties	549	1,336	1,884	454	1,533	1,987	649	1,333	1,982
Non-financial commissions	498	215	713	468	218	687	460	227	687
Equipment rentals	44	236	280	44	260	304	34	282	317
Management services	2,269	988	3,257	2,816	1,032	3,847	3,020	1,102	4,120
Legal services	4	402	407	6	432	438	6	452	458
Other management services	2,265	585	2,850	2,811	600	3,409	3,014	650	3,662
Advertising and related services	152	343	495	129	431	560	165	348	513
Research and development	3,588	642	4,230	2,713	320	3,033	2,405	555	2,961
Architectural, engineering, and other technical services	620	2,034	2,654	867	2,053	2,920	467	3,038	3,505
Architectural and engineering services	396	1,293	1,688	738	1,151	1,888	342	2,272	2,613
Other technical services	224	741	965	130	902	1,032	126	766	892
Miscellaneous services to business	2,243	1,566	3,809	2,511	1,397	3,907	2,352	1,608	3,955
Miscellaneous business services	617	1,434	2,051	938	1,265	2,203	696	1,545	2,236
Tooling and other miscellaneous services	1,626	132	1,758	1,572	132	1,704	1,656	63	1,719
Audio-visual services	564	1,402	1,966	535	1,428	1,963	520	1,609	2,129
Personal, cultural and recreational services	188	0	188	197	0	197	209	1	210
Commercial services, total	14,373	16,728	31,101	15,108	17,168	32,274	15,566	19,041	34,599

Table 6-2

Commercial services by category and by affiliation for all countries, 2000 to 2002 - Payments and balances

	2000			2001			2002		
	Related	Other	Total, commercial services	Related	Other	Total, commercial services	Related	Other	Total, commercial services
Payments	millions of dollars								
Communications services	330	1,720	2,050	312	1,753	2,065	275	1,963	2,238
Construction services	23	96	119	19	76	95	20	77	96
Insurance services	1,501	2,714	4,215	1,775	3,640	5,415	2,503	4,261	6,764
Primary life and non-life insurance	186	450	636	71	982	1,053	78	1,031	1,109
Reinsurance, life	81	1,636	1,717	176	1,711	1,887	276	2,126	2,402
Reinsurance, non-life	1,224	495	1,719	1,521	809	2,330	2,140	944	3,084
Reinsurance commissions	10	132	142	7	138	144	9	160	169
Other financial services	436	1,855	2,290	438	2,123	2,561	508	2,211	2,719
Computer and information services	497	838	1,335	436	998	1,434	694	885	1,580
Computer services	397	470	867	305	615	921	368	537	905
Information services	100	369	469	131	382	513	326	349	675
Royalties and licence fees	4,865	736	5,600	5,079	661	5,740	5,791	903	6,693
Patents and industrial design	2,532	56	2,588	2,633	94	2,726	3,436	92	3,527
Trademarks	603	88	691	643	39	682	582	107	689
Franchises	169	96	265	204	93	297	281	114	395
Copyrights and related rights	416	160	576	381	145	527	351	241	592
Software and other royalties	1,144	335	1,480	1,218	289	1,508	1,141	350	1,491
Non-financial commissions	458	253	711	460	255	715	374	259	633
Equipment rentals	185	494	679	225	480	705	251	433	684
Management services	3,841	942	4,783	4,214	994	5,208	3,985	1,021	5,006
Legal services	13	445	458	13	534	547	25	515	540
Other management services	3,829	497	4,325	4,201	460	4,662	3,960	506	4,466
Advertising and related services	229	307	536	223	306	529	260	262	522
Research and development	1,442	269	1,711	1,190	260	1,449	1,101	301	1,402
Architectural, engineering, and other technical services	773	773	1,546	749	915	1,664	517	1,449	1,966
Architectural and engineering services	321	398	719	377	423	800	243	877	1,120
Other technical services	452	375	827	372	492	864	273	572	845
Miscellaneous services to business	3,654	687	4,341	4,052	516	4,568	3,660	1,039	4,699
Miscellaneous business services	464	621	1,086	790	378	1,168	496	773	1,269
Tooling and other miscellaneous services	3,190	66	3,256	3,262	139	3,401	3,163	266	3,429
Audio-visual services	594	1,689	2,283	600	1,668	2,268	582	1,699	2,281
Personal, cultural and recreational services	165	0	166	171	3	174	179	3	182
Commercial services, total	18,993	13,372	32,366	19,943	14,649	34,592	20,699	16,766	37,464
Balances	-4,620	3,356	-1,265	-4,835	2,519	-2,318	-5,133	2,275	-2,865

Table 7-1

Commercial services by category, by industry¹, 1999 - Receipts

	Goods producing industries			Services producing industries						Memorandum item:	
	Total, goods producing industries	Manufacturing [31-33]	Other ² goods producing industries	Total, services producing industries	Trade ³ and transportation	Information, ⁴ culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other ⁵ services producing industries	Information ⁶ and communication technology
millions of dollars											
Communications services	45	45	0	2,130	779	1,268	0	81	0	2	1,282
Construction services	227	197	30	64	13	13	2	36	0	0	1
Insurance services	5	5	0	3,311	0	0	3,258	11	16	25	0
Primary life and non-life insurance	5	5	0	663	0	0	643	0	10	10	0
Reinsurance, life	0	0	0	1,114	0	0	1,108	0	5	0	0
Reinsurance, non-life	0	0	0	1,133	0	0	1,109	11	0	13	0
Reinsurance commissions	0	0	0	401	0	0	398	0	1	2	0
Other financial services	10	8	2	1,190	45	4	1,124	2	4	10	46
Computer and information services	26	25	0	2,937	69	915	53	1,850	14	38	2,624
Computer services	23	23	0	2,618	63	660	37	1,821	10	26	2,495
Information services	2	2	0	320	6	255	15	29	3	12	129
Royalties and licence fees	405	367	38	1,889	114	861	9	789	54	62	1,615
Patents and industrial design	181	178	2	32	6	1	0	15	4	5	38
Trademarks	76	76	0	46	6	2	0	1	17	21	3
Franchises	0	0	0	12	0	0	0	0	0	12	0
Copyrights and related rights	41	41	0	192	46	107	0	27	0	13	10
Software and other royalties	107	71	36	1,607	56	751	9	745	33	13	1,564
Non-financial commissions	82	82	0	629	446	14	31	44	26	69	217
Equipment rentals	14	4	9	268	189	5	0	6	0	67	0
Management services	690	597	93	2,003	136	198	373	882	76	338	798
Legal services	1	1	0	386	1	3	0	334	0	49	3
Other management services	690	596	93	1,617	135	195	373	548	76	288	795
Advertising and related services	46	46	0	277	25	157	31	54	1	8	45
Research and development	2,195	2,194	1	1,013	170	81	8	699	3	51	2,149
Architectural, engineering, and other technical services	335	114	221	1,991	132	34	6	1,744	40	35	87
Architectural and engineering services	123	64	59	1,525	80	33	6	1,386	5	16	63
Other technical services	212	51	162	466	52	1	0	358	35	19	25
Miscellaneous services to business	659	605	54	2,987	1,408	317	2	146	77	1,037	232
Miscellaneous business services	313	259	54	1,674	95	317	2	146	77	1,037	232
Tooling and other miscellaneous services	346	346	0	1,313	1,313	0	0	0	0	0	0
Audio-visual services	18	15	4	1,862	51	1,786	9	8	0	9	30
Personal, cultural and recreational services	0	0	0	177	0	0	0	1	0	176	0
Total, commercial services, receipts	4,756	4,304	452	22,727	3,577	5,653	4,904	6,354	311	1,927	9,127

1. Data based on the North American Industry Classification System (NAICS) 2002.

2. This combines the North American Industry Classification System (NAICS) codes 11, 21, 22 and 23.

3. This combines the North American Industry Classification System (NAICS) codes 41, 44, 45, 48 and 49.

4. This combines the North American Industry Classification System (NAICS) codes 51 and 71.

5. This combines the North American Industry Classification System (NAICS) codes 53, 56, 61, 62, 72, 81 and 91.

6. This combines the North American Industry Classification System (NAICS) codes 333310, 334110, 334210, 334220, 334310, 334410, 334511, 334512, 335920, 417310, 417320, 417910, 511210, 517110, 517210, 517310, 517410, 517510, 517910, 518111, 518112, 518210, 532420, 541510 and 811210.

Table 7-2

Commercial services by category, by industry¹, 1999 - Payments

	Goods producing industries			Services producing industries						Memorandum item:	
	Total, goods producing industries	Manufacturing [31-33]	Other ² goods producing industries	Total, services producing industries	Trade ³ and transportation	Information, ⁴ culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other ⁵ services producing industries	Information ⁶ and communication technology
millions of dollars											
Communications services	38	36	2	2,039	740	1,161	0	138	0	0	1,235
Construction services	213	178	34	75	20	33	2	12	1	6	26
Insurance services	138	64	74	4,273	11	54	4,125	14	38	31	65
Primary life and non-life insurance	138	64	74	755	11	54	652	11	22	6	65
Reinsurance, life	0	0	0	1,692	0	0	1,676	0	16	0	0
Reinsurance, non-life	0	0	0	1,645	0	0	1,619	3	0	24	0
Reinsurance commissions	0	0	0	180	0	0	178	0	0	2	0
Other financial services	7	4	3	1,837	3	6	1,797	2	30	0	6
Computer and information services	106	86	20	1,188	97	588	99	349	14	41	575
Computer services	87	77	10	755	82	210	78	335	14	35	557
Information services	19	9	10	433	14	377	21	14	0	6	18
Royalties and licence fees	2,582	2,518	64	2,377	669	588	54	535	105	425	957
Patents and industrial design	2,051	2,014	37	282	121	8	30	77	33	13	75
Trademarks	289	286	3	364	119	1	12	7	37	189	17
Franchises	21	12	9	158	23	1	0	0	0	133	0
Copyrights and related rights	23	23	0	390	39	329	1	5	0	16	173
Software and other royalties	197	182	15	1,183	367	249	12	445	35	75	692
Non-financial commissions	441	425	16	244	149	14	6	25	23	28	93
Equipment rentals	68	28	40	588	307	25	2	3	5	246	25
Management services	2,053	1,866	186	2,194	509	151	657	486	77	314	613
Legal services	30	21	9	371	8	6	15	213	10	120	9
Other management services	2,023	1,845	178	1,823	501	145	642	273	68	194	603
Advertising and related services	157	156	1	360	34	115	65	78	1	67	78
Research and development	1,394	1,378	16	167	21	4	1	96	38	7	876
Architectural, engineering, and other technical services	373	266	107	995	48	8	6	793	124	16	19
Architectural and engineering services	223	169	54	400	4	1	0	393	0	1	11
Other technical services	150	97	53	595	45	7	6	400	124	14	7
Miscellaneous services to business	3,521	3,438	84	716	66	79	60	55	4	452	57
Miscellaneous business services	378	295	84	716	66	79	60	55	4	452	57
Tooling and other miscellaneous services	3,143	3,143	0	0	0	0	0	0	0	0	0
Audio-visual services	4	3	0	1,804	9	1,730	0	2	0	62	164
Personal, cultural and recreational services	0	0	0	159	0	0	2	0	0	157	0
Total, commercial services, payments	11,094	10,446	648	19,015	2,683	4,557	6,876	2,586	461	1,852	4,788

1. Data based on the North American Industry Classification System (NAICS) 2002.

2. This combines the North American Industry Classification System (NAICS) codes 11, 21, 22 and 23.

3. This combines the North American Industry Classification System (NAICS) codes 41, 44, 45, 48 and 49.

4. This combines the North American Industry Classification System (NAICS) codes 51 and 71.

5. This combines the North American Industry Classification System (NAICS) codes 53, 56, 61, 62, 72, 81 and 91.

6. This combines the North American Industry Classification System (NAICS) codes 333310, 334110, 334210, 334220, 334310, 334410, 334511, 334512, 335920, 417310, 417320, 417910, 511210, 517110, 517210, 517310, 517410, 517510, 517910, 518111, 518112, 518210, 532420, 541510 and 811210.

Table 7-3

Commercial services by category, by industry¹, 2000 - Receipts

	Goods producing industries			Services producing industries						Memorandum item:	
	Total, goods producing industries	Manufacturing [31-33]	Other ² goods producing industries	Total, services producing industries	Trade ³ and transportation	Information, ⁴ culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other ⁵ services producing industries	Information ⁶ and communication technology
millions of dollars											
Communications services	137	136	0	1,909	832	984	1	91	0	2	1,116
Construction services	279	227	52	44	15	0	0	29	0	0	1
Insurance services	11	11	0	2,867	0	0	2,827	0	16	23	1
Primary life and non-life insurance	11	11	0	682	0	0	661	0	12	9	1
Reinsurance, life	0	0	0	795	0	0	791	0	4	0	0
Reinsurance, non-life	0	0	0	1,021	0	0	1,009	0	0	13	0
Reinsurance commissions	0	0	0	368	0	0	366	0	0	1	0
Other financial services	8	8	0	1,296	30	3	1,249	8	4	1	29
Computer and information services	74	73	1	3,530	81	974	30	2,386	13	47	3,265
Computer services	40	40	1	3,248	73	741	18	2,368	13	35	3,153
Information services	34	34	0	282	8	233	12	18	0	12	112
Royalties and licence fees	1,215	1,178	37	2,138	171	973	11	835	44	104	1,782
Patents and industrial design	1,008	1,007	2	71	9	9	0	19	3	31	57
Trademarks	48	48	0	47	11	18	0	0	17	1	16
Franchises	11	11	0	9	0	0	0	1	0	8	1
Copyrights and related rights	36	36	0	238	80	103	0	37	0	17	24
Software and other royalties	112	76	36	1,772	70	843	10	778	25	47	1,684
Non-financial commissions	87	87	0	626	471	5	45	18	25	62	193
Equipment rentals	13	7	7	267	188	12	0	4	0	63	5
Management services	809	706	103	2,448	234	203	569	1,040	66	337	1,199
Legal services	0	0	0	407	1	0	0	352	0	54	0
Other management services	808	706	103	2,042	233	203	569	688	66	283	1,199
Advertising and related services	45	45	0	450	55	185	32	166	1	11	57
Research and development	2,917	2,917	1	1,313	156	111	9	999	3	36	3,014
Architectural, engineering, and other technical services	400	153	247	2,254	123	38	1	1,988	40	64	105
Architectural and engineering services	109	74	35	1,580	84	33	0	1,424	3	35	62
Other technical services	291	79	212	674	39	5	1	564	37	29	43
Miscellaneous services to business	777	711	65	3,032	1,449	257	12	220	88	1,006	241
Miscellaneous business services	331	265	65	1,721	138	257	12	220	88	1,006	241
Tooling and other miscellaneous services	446	446	0	1,312	1,312	0	0	0	0	0	0
Audio-visual services	13	12	1	1,953	37	1,901	0	8	0	7	31
Personal, cultural and recreational services	0	0	0	188	0	0	0	1	0	187	0
Total, commercial services, receipts	6,784	6,270	514	24,317	3,841	5,646	4,787	7,793	300	1,950	11,038

1. Data based on the North American Industry Classification System (NAICS) 2002.
 2. This combines the North American Industry Classification System (NAICS) codes 11, 21, 22 and 23.
 3. This combines the North American Industry Classification System (NAICS) codes 41, 44, 45, 48 and 49.
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 6. This combines the North American Industry Classification System (NAICS) codes 333310, 334110, 334210, 334220, 334310, 334410, 334511, 334512, 335920, 417310, 417320, 417910, 511210, 517110, 517210, 517310, 517410, 517510, 517910, 518111, 518112, 518210, 532420, 541510 and 811210.

Table 7-4

Commercial services by category, by industry¹, 2000 - Payments

	Goods producing industries			Services producing industries						Memorandum item:	
	Total, goods producing industries	Manufacturing [31-33]	Other ² goods producing industries	Total, services producing industries	Trade ³ and transportation	Information, ⁴ culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other ⁵ services producing industries	Information ⁶ and communication technology
millions of dollars											
Communications services	27	24	2	2,024	755	1,152	2	112	0	2	1,123
Construction services	94	54	40	26	4	8	0	13	0	0	0
Insurance services	76	66	10	4,139	13	54	3,976	4	67	25	61
Primary life and non-life insurance	76	66	10	560	13	54	461	4	22	7	61
Reinsurance, life	0	0	0	1,717	0	0	1,673	0	45	0	0
Reinsurance, non-life	0	0	0	1,719	0	0	1,703	0	0	16	0
Reinsurance commissions	0	0	0	142	0	0	140	0	0	2	0
Other financial services	10	7	3	2,280	3	5	2,246	3	24	0	5
Computer and information services	136	107	29	1,199	126	463	80	473	18	40	570
Computer services	103	84	19	764	107	91	65	452	15	33	556
Information services	33	23	11	435	19	371	14	21	3	7	14
Royalties and licence fees	2,713	2,666	46	2,887	759	658	31	612	112	716	892
Patents and industrial design	2,205	2,170	35	383	106	6	14	98	38	122	98
Trademarks	255	252	3	437	126	4	12	13	35	247	4
Franchises	12	11	0	253	48	0	0	0	0	204	24
Copyrights and related rights	23	23	0	553	42	483	0	5	0	23	177
Software and other royalties	218	210	8	1,262	437	164	5	496	39	120	589
Non-financial commissions	430	417	13	280	201	6	3	25	20	26	79
Equipment rentals	71	52	19	608	354	15	1	2	3	233	18
Management services	2,155	1,989	166	2,628	613	293	700	665	58	299	1,034
Legal services	25	20	5	433	7	9	13	288	8	109	13
Other management services	2,130	1,969	161	2,196	606	284	687	377	51	190	1,021
Advertising and related services	145	144	1	391	42	88	69	120	0	71	86
Research and development	1,609	1,579	30	102	20	4	2	22	44	10	1,120
Architectural, engineering, and other technical services	421	295	126	1,125	48	7	11	927	114	17	33
Architectural and engineering services	226	154	71	494	11	1	0	478	0	4	27
Other technical services	195	141	54	631	37	7	11	449	114	13	7
Miscellaneous services to business	3,539	3,461	78	802	62	80	70	29	5	556	18
Miscellaneous business services	283	205	78	802	62	80	70	29	5	556	18
Tooling and other miscellaneous services	3,256	3,256	0	0	0	0	0	0	0	0	0
Audio-visual services	7	7	0	2,276	0	2,187	0	7	0	82	257
Personal, cultural and recreational services	0	0	0	166	0	0	0	0	0	165	0
Total, commercial services, payments	11,433	10,868	566	20,932	3,002	5,019	7,190	3,013	464	2,243	5,298

1. Data based on the North American Industry Classification System (NAICS) 2002.

2. This combines the North American Industry Classification System (NAICS) codes 11, 21, 22 and 23.

3. This combines the North American Industry Classification System (NAICS) codes 41, 44, 45, 48 and 49.

4. This combines the North American Industry Classification System (NAICS) codes 51 and 71.

5. This combines the North American Industry Classification System (NAICS) codes 53, 56, 61, 62, 72, 81 and 91.

6. This combines the North American Industry Classification System (NAICS) codes 333310, 334110, 334210, 334220, 334310, 334410, 334511, 334512, 335920, 417310, 417320, 417910, 511210, 517110, 517210, 517310, 517410, 517510, 517910, 518111, 518112, 518210, 532420, 541510 and 811210.

Table 7-5

Commercial services by category, by industry¹, 2001 - Receipts

	Goods producing industries			Services producing industries						Memorandum item:	
	Total, goods producing industries	Manufacturing [31-33]	Other ² goods producing industries	Total, services producing industries	Trade ³ and transportation	Information, ⁴ culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other ⁵ services producing industries	Information ⁶ and communication technology
millions of dollars											
Communications services	227	226	1	2,090	914	1,012	0	90	5	68	1,245
Construction services	289	171	118	33	10	0	0	23	0	1	0
Insurance services	9	9	0	3,694	1	0	3,643	4	16	29	0
Primary life and non-life insurance	9	9	0	855	1	0	833	0	12	9	0
Reinsurance, life	0	0	0	637	0	0	634	0	3	0	0
Reinsurance, non-life	0	0	0	1,722	0	0	1,705	4	0	13	0
Reinsurance commissions	0	0	0	479	0	0	471	0	1	8	0
Other financial services	3	3	0	1,157	3	6	1,095	5	9	40	2
Computer and information services	84	72	12	3,518	287	1,117	42	2,002	32	37	3,186
Computer services	42	38	4	3,155	260	885	29	1,926	32	24	3,013
Information services	42	34	8	363	27	233	14	76	0	13	173
Royalties and licence fees	1,415	1,373	43	2,334	131	1,335	12	704	49	104	1,839
Patents and industrial design	1,220	1,219	1	74	7	9	0	20	3	34	41
Trademarks	46	46	0	52	13	10	0	7	21	1	14
Franchises	0	0	0	15	0	0	0	0	0	15	0
Copyrights and related rights	32	32	0	323	47	227	0	42	0	7	24
Software and other royalties	116	75	41	1,871	64	1,088	12	634	25	48	1,760
Non-financial commissions	87	87	0	600	409	2	37	69	65	17	236
Equipment rentals	8	2	6	297	222	9	0	4	0	62	1
Management services	845	661	184	3,002	283	179	626	1,131	413	369	975
Legal services	0	0	0	438	1	0	0	379	0	58	0
Other management services	845	661	184	2,564	283	179	626	752	413	311	975
Advertising and related services	49	49	0	511	56	140	34	273	0	9	24
Research and development	1,788	1,785	3	1,246	204	61	6	933	3	39	1,790
Architectural, engineering, and other technical services	436	141	295	2,484	115	14	8	2,220	33	94	115
Architectural and engineering services	115	78	37	1,773	78	8	0	1,616	3	68	83
Other technical services	321	63	258	711	37	6	8	604	30	26	31
Miscellaneous services to business	806	742	64	3,102	1,397	317	8	205	101	1,075	336
Miscellaneous business services	351	288	64	1,852	147	317	8	205	101	1,075	336
Tooling and other miscellaneous services	454	454	0	1,250	1,250	0	0	0	0	0	0
Audio-visual services	9	9	0	1,954	7	1,938	0	7	0	2	37
Personal, cultural and recreational services	0	0	0	197	0	0	0	1	0	196	0
Total, commercial services, receipts	6,056	5,330	726	26,219	4,039	6,128	5,512	7,671	726	2,143	9,785

1. Data based on the North American Industry Classification System (NAICS) 2002.

2. This combines the North American Industry Classification System (NAICS) codes 11, 21, 22 and 23.

3. This combines the North American Industry Classification System (NAICS) codes 41, 44, 45, 48 and 49.

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5. This combines the North American Industry Classification System (NAICS) codes 53, 56, 61, 62, 72, 81 and 91.

6. This combines the North American Industry Classification System (NAICS) codes 333310, 334110, 334210, 334220, 334310, 334410, 334511, 334512, 335920, 417310, 417320, 417910, 511210, 517110, 517210, 517310, 517410, 517510, 517910, 518111, 518112, 518210, 532420, 541510 and 811210.

Table 7-6

Commercial services by category, by industry¹, 2001 - Payments

	Goods producing industries			Services producing industries						Memorandum item:	
	Total, goods producing industries	Manufacturing [31-33]	Other ² goods producing industries	Total, services producing industries	Trade ³ and transportation	Information, ⁴ culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other ⁵ services producing industries	Information ⁶ and communication technology
millions of dollars											
Communications services	16	14	2	2,049	824	1,114	1	104	0	5	1,134
Construction services	67	24	43	29	10	8	0	10	0	0	1
Insurance services	59	48	11	5,356	11	12	5,175	4	66	89	14
Primary life and non-life insurance	59	48	11	995	11	12	939	4	24	5	14
Reinsurance, life	0	0	0	1,887	0	0	1,846	0	41	0	0
Reinsurance, non-life	0	0	0	2,330	0	0	2,248	0	0	82	0
Reinsurance commissions	0	0	0	144	0	0	142	0	1	2	0
Other financial services	20	17	3	2,541	5	45	2,420	5	24	43	41
Computer and information services	131	104	27	1,302	89	463	105	570	21	55	663
Computer services	71	63	8	850	61	108	74	547	17	43	645
Information services	60	41	20	453	28	354	31	23	4	12	17
Royalties and licence fees	2,912	2,781	131	2,828	834	622	37	621	107	607	951
Patents and industrial design	2,265	2,227	39	461	119	43	21	115	37	126	113
Trademarks	253	250	3	429	120	2	9	12	33	253	4
Franchises	133	57	77	164	36	3	0	0	0	125	2
Copyrights and related rights	24	24	0	503	51	427	0	2	0	23	197
Software and other royalties	237	224	13	1,271	508	148	6	492	37	80	635
Non-financial commissions	396	386	11	319	263	6	3	25	20	3	79
Equipment rentals	124	48	76	580	386	1	5	3	2	184	1
Management services	2,113	1,922	192	3,095	514	309	716	1,197	79	281	933
Legal services	32	26	6	515	7	5	10	379	4	109	12
Other management services	2,081	1,895	186	2,581	506	304	706	818	75	172	921
Advertising and related services	144	142	1	385	46	90	72	109	0	69	51
Research and development	1,269	1,231	38	180	13	1	1	105	48	11	915
Architectural, engineering, and other technical services	462	338	124	1,202	22	20	15	1,001	130	14	52
Architectural and engineering services	187	123	64	614	2	13	3	594	0	1	45
Other technical services	276	215	60	588	20	7	12	407	130	12	8
Miscellaneous services to business	3,785	3,725	60	783	94	70	78	35	3	503	28
Miscellaneous business services	384	324	60	783	94	70	78	35	3	503	28
Tooling and other miscellaneous services	3,401	3,401	0	0	0	0	0	0	0	0	0
Audio-visual services	7	7	0	2,261	1	2,180	0	5	0	75	258
Personal, cultural and recreational services	0	0	0	174	0	0	0	0	0	173	0
Total, commercial services, payments	11,506	10,786	720	23,086	3,111	4,943	8,627	3,793	499	2,113	5,122

1. Data based on the North American Industry Classification System (NAICS) 2002.

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Table 7-7

Commercial services by category, by industry¹, 2002 - Receipts

	Goods producing industries			Services producing industries						Memorandum item:	
	Total, goods producing industries	Manufacturing [31-33]	Other ² goods producing industries	Total, services producing industries	Trade ³ and transportation	Information, ⁴ culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other ⁵ services producing industries	Information ⁶ and communication technology
millions of dollars											
Communications services	205	204	0	2,210	905	1,122	0	105	29	50	1,240
Construction services	125	80	45	42	9	0	0	31	0	1	0
Insurance services	7	7	0	4,883	2	0	4,754	0	28	99	0
Primary life and non-life insurance	7	7	0	982	2	0	953	0	22	4	0
Reinsurance, life	0	0	0	1,137	0	0	1,134	0	3	0	0
Reinsurance, non-life	0	0	0	2,132	0	0	2,044	0	0	87	0
Reinsurance commissions	0	0	0	632	0	0	623	0	2	8	0
Other financial services	3	3	0	1,490	3	4	1,422	15	8	37	3
Computer and information services	108	108	1	3,342	266	958	35	1,996	40	46	3,100
Computer services	69	68	1	2,987	239	754	21	1,898	40	33	2,873
Information services	39	39	0	355	27	204	14	98	0	13	227
Royalties and licence fees	1,560	1,520	40	2,229	134	1,339	11	638	29	79	1,810
Patents and industrial design	1,384	1,383	1	75	12	15	0	33	3	13	56
Trademarks	47	47	0	51	12	11	0	1	17	11	9
Franchises	0	0	0	18	0	0	0	0	0	18	0
Copyrights and related rights	31	31	0	200	58	102	0	28	0	12	9
Software and other royalties	98	59	39	1,885	51	1,211	11	576	9	26	1,736
Non-financial commissions	81	81	0	606	455	0	50	66	24	11	257
Equipment rentals	7	2	5	309	208	13	0	11	0	79	0
Management services	757	685	72	3,363	388	242	617	1,105	426	584	1,009
Legal services	1	1	0	457	1	0	0	399	0	57	0
Other management services	756	684	72	2,906	387	242	617	707	426	527	1,008
Advertising and related services	63	63	0	449	78	148	36	176	0	12	14
Research and development	1,806	1,806	0	1,155	222	39	0	850	3	40	1,703
Architectural, engineering, and other technical services	396	132	264	3,109	135	6	1	2,857	28	82	114
Architectural and engineering services	109	68	41	2,504	103	2	1	2,341	3	54	69
Other technical services	287	64	223	605	33	4	1	515	25	28	44
Miscellaneous services to business	895	835	59	3,060	1,431	295	2	224	80	1,028	271
Miscellaneous business services	437	378	59	1,799	170	295	2	224	80	1,028	271
Tooling and other miscellaneous services	457	457	0	1,261	1,261	0	0	0	0	0	0
Audio-visual services	4	4	0	2,124	139	1,973	0	7	0	5	40
Personal, cultural and recreational services	0	0	0	210	0	0	0	1	0	208	0
Total, commercial services, receipts	6,018	5,531	487	28,582	4,375	6,140	6,929	8,082	695	2,360	9,561

1. Data based on the North American Industry Classification System (NAICS) 2002.

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Table 7-8

Commercial services by category, by industry¹, 2002 - Payments

	Goods producing industries			Services producing industries						Memorandum item:	
	Total, goods producing industries	Manufacturing [31-33]	Other ² goods producing industries	Total, services producing industries	Trade ³ and transportation	Information, ⁴ culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other ⁵ services producing industries	Information ⁶ and communication technology
millions of dollars											
Communications services	20	18	2	2,218	822	1,257	0	99	35	5	1,315
Construction services	63	24	39	33	10	10	0	13	0	0	1
Insurance services	76	63	14	6,687	14	54	6,493	4	64	59	57
Primary life and non-life insurance	76	63	14	1,033	14	54	934	4	23	3	57
Reinsurance, life	0	0	0	2,402	0	0	2,362	0	39	0	0
Reinsurance, non-life	0	0	0	3,084	0	0	3,030	0	0	54	0
Reinsurance commissions	0	0	0	169	0	0	166	0	1	2	0
Other financial services	52	48	4	2,667	3	27	2,560	7	25	46	27
Computer and information services	328	296	33	1,251	80	438	90	558	25	60	627
Computer services	85	63	22	820	62	96	58	542	21	41	617
Information services	243	232	11	432	18	342	32	16	4	20	9
Royalties and licence fees	3,828	3,709	120	2,865	897	701	42	613	64	548	912
Patents and industrial design	3,215	3,192	23	312	82	50	14	117	23	25	122
Trademarks	264	255	10	425	151	2	21	11	33	208	2
Franchises	133	57	77	261	42	1	0	0	0	218	0
Copyrights and related rights	23	23	0	568	48	504	0	2	0	15	191
Software and other royalties	192	181	10	1,299	575	145	6	484	8	82	597
Non-financial commissions	351	342	9	282	231	7	1	22	19	2	59
Equipment rentals	122	57	65	562	296	3	1	2	0	261	1
Management services	2,212	1,955	257	2,794	533	297	774	833	102	254	971
Legal services	33	29	4	507	7	6	25	342	17	110	14
Other management services	2,180	1,927	253	2,287	526	291	748	492	85	144	958
Advertising and related services	112	111	1	410	50	115	76	92	1	76	106
Research and development	1,252	1,215	37	150	15	3	1	56	53	22	895
Architectural, engineering, and other technical services	503	337	166	1,463	21	7	9	1,295	120	11	23
Architectural and engineering services	194	69	126	926	2	2	0	921	0	1	18
Other technical services	308	268	40	537	19	5	9	375	119	10	4
Miscellaneous services to business	3,774	3,697	77	925	115	164	72	39	1	533	36
Miscellaneous business services	345	268	77	925	115	164	72	39	1	533	36
Tooling and other miscellaneous services	3,429	3,429	0	0	0	0	0	0	0	0	0
Audio-visual services	7	7	0	2,275	1	2,126	0	7	0	141	174
Personal, cultural and recreational services	0	0	0	182	0	0	0	0	0	182	0
Total, commercial services, payments	12,701	11,879	822	24,764	3,087	5,208	10,117	3,642	509	2,201	5,204

1. Data based on the North American Industry Classification System (NAICS) 2002.

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Table 8-1

Total services by selected countries and regions, 1994 to 2002 - Receipts

	1994	1995	1996	1997	1998	1999	2000	2001	2002
	millions of dollars								
United States	18,815	20,175	22,331	24,901	29,258	32,896	36,601	36,092	38,356
Antilles	1,263	1,281	1,445	1,290	1,688	1,436	1,789	2,245	2,205
Bahamas	17	21	25	37	39	25	34	69	34
Barbados	499	602	524	411	605	572	706	666	765
Bermuda	523	362	456	493	665	493	658	998	830
Jamaica	48	45	54	48	49	54	53	77	87
Trinidad and Tobago	45	84	167	51	58	57	58	55	67
Other Antilles ¹	132	165	219	250	273	235	281	379	421
Central America	230	258	327	318	416	467	523	624	634
Costa Rica	9	11	10	12	10	14	21	34	29
El Salvador	4	4	6	8	7	9	9	12	9
Guatemala	9	13	10	20	17	17	18	20	21
Honduras	6	10	14	10	12	21	15	11	11
Mexico	185	193	267	248	350	376	424	505	528
Nicaragua	7	12	8	6	8	10	9	11	9
Other Central America ¹	11	16	12	13	12	19	27	32	26
South America	368	678	905	1,013	894	794	946	895	954
Argentina	61	67	70	65	64	66	86	109	76
Brazil	83	186	364	400	429	347	412	357	333
Chile	46	132	87	117	61	56	66	73	162
Colombia	34	40	45	40	57	72	64	63	47
Venezuela	42	65	100	76	69	80	111	104	104
Other South America ¹	102	188	239	314	213	172	206	190	231
Europe	6,784	7,332	8,037	8,623	10,150	10,564	11,455	12,143	13,153
Austria	64	73	67	68	102	58	82	80	79
Belgium/Luxembourg	189	143	172	185	180	205	236	238	267
Denmark	50	50	62	76	89	85	106	118	138
France	928	1,018	1,112	1,238	1,459	1,393	1,559	1,637	1,555
Finland	33	37	44	46	50	48	52	47	52
Germany	1,054	1,155	1,301	1,210	1,398	1,486	1,594	1,771	1,594
Greece	201	160	161	186	165	246	176	155	175
Ireland	167	179	287	343	479	532	674	746	836
Italy	288	281	289	314	341	286	407	381	380
Netherlands	375	419	386	353	421	425	513	511	577
Norway	112	156	134	168	160	109	132	145	334
Poland	52	49	54	71	91	80	67	69	130
Portugal	41	38	50	69	61	67	55	73	76
Russia	109	91	149	155	128	135	141	165	190
Spain	88	90	99	127	127	141	194	163	186
Sweden	207	267	314	326	412	445	433	496	437
Switzerland	549	505	504	512	591	508	569	695	1,045
Turkey	40	41	44	54	75	54	67	91	140
United Kingdom	1,869	2,252	2,379	2,538	3,104	3,296	3,582	3,650	4,185
Other Europe in Organisation for Economic Co-operation and Development (OECD) ¹	31	10	76	135	165	127	182	220	85
Other Europe not in Organisation for Economic Co-operation and Development (OECD) ¹	337	315	354	447	556	836	632	691	689
Africa	847	930	1,039	1,113	1,328	1,049	1,062	1,017	1,156
Egypt	24	34	36	48	70	67	81	75	65
Ivory Coast	46	46	43	38	41	29	23	23	52
Maghreb Countries	129	169	255	389	566	335	343	213	354
Nigeria	37	52	58	25	19	17	20	28	44
Senegal	47	57	53	42	29	31	31	40	26
South Africa	137	125	123	114	101	134	159	191	156
Other Africa ¹	428	447	471	457	501	436	407	447	457

See footnotes at the end of the table.

Table 8-1 – continued

Total services by selected countries and regions, 1994 to 2002 - Receipts

	1994	1995	1996	1997	1998	1999	2000	2001	2002
Middle East	281	310	378	456	594	508	597	704	710
Iran	59	53	51	77	92	80	81	83	94
Israel	69	88	115	128	252	146	189	185	196
Saudi Arabia	73	73	98	129	98	113	134	158	155
Other Middle East ¹	80	97	115	122	153	169	193	278	265
Central and East Asia	3,748	4,376	4,918	5,465	5,250	5,255	5,916	6,179	5,864
China	364	399	469	506	546	617	738	804	849
Hong Kong, China	445	568	618	648	707	572	756	734	633
India	102	125	173	189	165	207	249	298	290
Indonesia	116	181	194	211	256	213	201	185	176
Japan	1,340	1,497	1,550	1,592	1,526	1,508	1,869	1,864	1,832
Republic of Korea	351	436	479	494	393	450	558	671	653
Malaysia	100	163	226	179	138	180	169	165	173
Pakistan	39	51	61	87	99	87	109	115	101
Philippines	98	107	130	141	133	122	150	172	159
Singapore	158	207	212	263	208	204	292	282	223
Taiwan	182	281	367	486	425	517	523	488	401
Thailand	77	90	98	110	119	96	78	128	126
Vietnam	9	14	28	33	31	36	37	39	39
Other Central and East Asia ¹	366	257	313	526	505	447	187	236	209
Oceania	344	384	440	504	564	591	755	749	790
Australia	269	303	328	382	433	481	629	621	651
New Zealand	58	60	66	81	103	84	90	86	112
Other Oceania ¹	17	20	46	42	27	26	37	42	27
International institutions	71	73	64	73	80	75	74	78	79
All countries	32,751	35,797	39,884	43,756	50,222	53,635	59,718	60,726	63,901
Memorandum items:									
Free Trade Area of Americas (FTAA) countries	20,177	22,080	24,522	27,009	31,545	35,089	39,190	38,805	41,489
Caribbean Common Market (CARICOM) countries	651	840	939	595	798	782	926	970	1,098

1. Include values not allocated to specific countries in that region.

Table 8-2

Total services by selected countries and regions, 1994 to 2002 - Payments

	1994	1995	1996	1997	1998	1999	2000	2001	2002
	millions of dollars								
United States	26,913	28,271	31,280	32,897	35,142	38,312	41,686	41,600	42,314
Antilles	2,415	2,352	2,302	2,571	2,770	3,092	3,311	4,115	3,908
Bahamas	96	75	74	116	95	75	107	82	87
Barbados	784	948	848	862	979	1,029	1,188	1,344	1,499
Bermuda	750	591	598	718	802	1,042	1,043	1,426	951
Jamaica	116	106	138	126	141	114	141	155	134
Trinidad and Tobago	53	42	93	55	61	47	61	111	90
Other Antilles ¹	615	590	551	694	692	786	770	997	1,147
Central America	581	586	608	770	835	854	1,049	1,048	1,046
Costa Rica	67	66	49	40	40	70	76	61	58
El Salvador	4	4	3	8	5	6	7	10	9
Guatemala	8	13	8	11	22	8	9	11	10
Honduras	5	5	9	8	8	5	6	7	6
Mexico	458	458	510	657	724	738	901	915	894
Nicaragua	8	11	8	7	3	2	6	4	2
Other Central America ¹	31	29	23	40	32	25	45	41	66
South America	323	339	371	522	494	430	514	503	469
Argentina	40	33	31	56	50	62	53	65	34
Brazil	77	81	87	142	194	173	189	208	208
Chile	25	56	42	55	27	37	64	53	52
Colombia	27	28	34	31	36	32	50	48	31
Venezuela	48	49	49	65	65	56	98	59	67
Other South America ¹	107	92	128	173	121	69	60	70	76
Europe	9,477	9,557	9,332	10,244	11,448	11,430	12,174	13,239	13,964
Austria	82	124	99	74	96	115	157	183	211
Belgium/Luxembourg	175	157	155	151	184	174	229	204	237
Denmark	118	93	104	98	96	77	88	120	166
France	1,041	1,213	1,204	1,432	1,607	1,567	1,545	1,558	1,618
Finland	35	46	39	74	71	49	50	59	63
Germany	950	864	927	873	994	1,074	1,218	1,486	1,669
Greece	863	879	716	504	637	613	722	701	629
Ireland	138	161	170	195	156	303	351	473	524
Italy	508	434	431	412	419	538	673	758	707
Netherlands	460	514	491	499	563	530	524	736	778
Norway	264	322	209	414	294	295	369	480	484
Poland	57	53	44	36	39	42	75	49	61
Portugal	141	140	69	76	149	111	120	151	164
Russia	153	159	134	186	212	190	225	258	238
Spain	144	119	188	142	176	171	277	333	351
Sweden	96	198	198	185	188	200	226	226	198
Switzerland	689	578	592	573	559	607	696	711	1,085
Turkey	63	60	52	54	65	68	88	87	99
United Kingdom	3,066	3,103	3,133	3,871	4,279	4,100	3,959	3,930	4,022
Other Europe in Organisation for Economic Co-operation and Development (OECD) ¹	25	5	60	102	90	108	139	231	248
Other Europe not in Organisation for Economic Co-operation and Development (OECD) ¹	409	335	318	294	575	497	442	504	414
Africa	292	305	391	422	528	375	427	430	431
Egypt	23	33	32	32	41	56	65	51	53
Ivory Coast	6	4	9	6	6	6	7	12	11
Maghreb Countries	103	96	114	111	196	104	113	140	145
Nigeria	10	6	6	5	3	6	6	6	7
Senegal	5	4	3	8	18	14	9	9	10
South Africa	29	40	60	87	85	55	98	75	77
Other Africa ¹	116	121	166	174	180	133	130	136	129

See footnotes at the end of the table.

Table 8-2 – continued

Total services by selected countries and regions, 1994 to 2002 - Payments

	1994	1995	1996	1997	1998	1999	2000	2001	2002
Middle East	232	271	278	409	330	421	455	520	484
Iran	10	10	7	82	14	14	11	14	12
Israel	94	116	104	116	136	133	128	113	107
Saudi Arabia	62	75	77	102	112	148	181	210	182
Other Middle East ¹	65	70	89	109	68	126	134	183	184
Central and East Asia	3,749	3,842	3,904	4,214	4,371	4,806	5,350	5,854	7,483
China	290	323	400	385	419	393	442	553	765
Hong Kong, China	703	768	845	856	774	835	967	944	1,239
India	120	140	143	162	175	151	168	252	201
Indonesia	76	66	96	97	105	91	84	121	96
Japan	1,237	1,122	948	1,170	1,311	1,810	2,068	2,131	2,939
Republic of Korea	334	307	257	241	181	175	290	216	218
Malaysia	51	47	101	101	95	93	116	131	153
Pakistan	33	35	34	31	27	25	33	34	25
Philippines	153	186	168	167	196	167	238	167	325
Singapore	306	368	377	421	455	522	481	713	897
Taiwan	117	148	150	146	182	237	224	295	397
Thailand	67	80	103	100	103	95	116	149	127
Vietnam	15	9	17	22	18	25	25	37	37
Other Central and East Asia ¹	249	244	266	316	329	187	99	110	62
Oceania	432	409	494	570	630	553	534	622	703
Australia	306	307	335	423	473	455	372	421	495
New Zealand	103	90	140	117	114	82	123	186	178
Other Oceania ¹	23	11	19	30	43	16	39	15	30
International institutions	0	0	0	0	0	0	0	0	0
All countries	44,414	45,932	48,960	52,619	56,548	60,273	65,500	67,931	70,802
Memorandum items:									
Free Trade Area of Americas (FTAA) countries	29,465	30,901	33,835	36,031	38,416	41,507	45,554	45,628	46,494
Caribbean Common Market (CARICOM) countries	1,174	1,248	1,250	1,228	1,381	1,327	1,530	1,729	1,850

1. Include values not allocated to specific countries in that region.

Table 9

International transactions in services with the United States, summary, 1993 to 2003

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Receipts											
Travel	4,878	5,469	6,027	6,489	6,921	8,606	9,365	9,449	9,947	10,334	9,086
Transportation	2,885	3,301	3,538	4,137	4,485	4,977	5,474	6,027	5,638	5,832	5,151
Water transport	437	438	440	436	483	520	489	530	538	586	604
Air transport ¹	694	709	785	975	1,088	1,443	1,626	1,802	1,700	1,589	1,146
Land and other transport	1,755	2,155	2,313	2,726	2,914	3,015	3,360	3,695	3,400	3,657	3,401
Commercial services	8,332	9,843	10,412	11,553	13,259	15,426	17,780	20,813	20,190	21,875	21,103
Government services	154	201	199	153	236	249	276	311	318	315	283
Total	16,249	18,815	20,175	22,331	24,901	29,258	32,896	36,601	36,092	38,356	35,624
Payments											
Travel	10,068	9,044	9,144	10,062	10,280	9,951	10,801	11,517	11,251	10,852	10,635
Transportation	3,708	4,004	4,444	4,640	4,992	5,238	5,362	5,782	5,585	5,585	5,581
Water transport	485	377	394	412	503	462	414	601	570	527	521
Air transport ¹	1,545	1,699	1,856	1,983	2,046	2,330	2,358	2,433	2,416	2,361	2,564
Land and other transport	1,678	1,928	2,193	2,245	2,443	2,447	2,591	2,749	2,598	2,697	2,497
Commercial services	12,046	13,706	14,520	16,420	17,464	19,784	21,955	24,187	24,555	25,652	25,802
Government services	184	158	162	157	161	170	193	199	209	226	228
Total	26,006	26,913	28,271	31,280	32,897	35,142	38,312	41,686	41,600	42,314	42,246
Balances											
Travel	-5,190	-3,576	-3,117	-3,574	-3,359	-1,344	-1,436	-2,068	-1,305	-517	-1,549
Transportation	-823	-703	-906	-504	-507	-261	112	245	53	247	-430
Water transport	-48	61	46	23	-20	58	75	-71	-32	59	83
Air transport ¹	-851	-990	-1,071	-1,008	-957	-887	-732	-631	-717	-772	-1,417
Land and other transport	77	227	120	481	470	568	769	946	802	960	904
Commercial services	-3,714	-3,862	-4,109	-4,867	-4,205	-4,358	-4,175	-3,374	-4,365	-3,777	-4,699
Government services	-30	43	36	-5	76	80	84	112	109	89	55
Total	-9,757	-8,098	-8,096	-8,949	-7,995	-5,884	-5,416	-5,085	-5,508	-3,958	-6,623

1. International passenger fares by water are included under air transport, passenger.

Table 10-1

Commercial services by category - United States, 1993 to 2003 - Receipts

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Communications services	944	1,078	1,120	995	1,117	1,157	1,213	1,348	1,573	1,670	1,655
Construction services	23	40	71	60	125	164	214	287	263	88	104
Insurance services	1,663	1,938	1,780	1,695	1,606	1,677	1,916	1,394	1,482	2,031	1,601
Primary life and non-life insurance	393	421	661	642	602	573	479	522	695	812	933
Reinsurance, life	915	1,115	774	770	621	692	906	489	267	557	181
Reinsurance, non-life	269	325	280	209	243	308	390	296	442	512	340
Reinsurance commissions	86	77	66	75	140	103	141	86	78	149	148
Other financial services	409	459	370	484	631	657	622	687	511	681	622
Computer and information services	777	831	977	770	1,138	1,500	2,193	2,791	2,767	2,625	2,529
Computer services	756	803	944	718	1,012	1,339	1,955	2,541	2,431	2,306	2,166
Information services	21	28	33	52	125	161	238	250	336	319	363
Royalties and licence fees	148	236	282	678	1,055	1,278	1,561	2,311	2,462	2,544	2,361
Patents and industrial design	62	94	87	110	113	141	155	713	872	978	856
Trademarks	12	15	23	51	69	104	71	29	29	32	31
Franchises	1	5	7	13	8	9	3	3	3	6	8
Copyrights and related rights	25	33	42	71	122	136	173	177	163	151	157
Software and other royalties	47	89	124	433	743	888	1,158	1,388	1,394	1,377	1,309
Non-financial commissions	237	317	334	408	453	506	502	532	418	500	411
Equipment rentals	197	215	213	198	180	230	246	243	220	208	208
Management services	728	876	958	1,180	1,428	1,444	1,743	2,285	2,569	2,919	2,794
Legal services	..	..	182	192	209	240	299	302	316	345	308
Other management services	728	876	776	989	1,220	1,205	1,444	1,983	2,253	2,574	2,486
Advertising and related services	96	106	100	126	166	229	222	317	411	329	407
Research and development	724	970	1,066	1,226	1,311	1,914	2,224	3,093	1,923	1,929	1,855
Architectural, engineering, and other technical services	438	497	584	743	911	936	870	1,089	1,131	1,728	1,784
Architectural and engineering services	200	242	291	324	512	565	531	569	611	1,284	1,025
Other technical services	238	255	293	419	399	371	338	520	520	444	758
Miscellaneous services to business	1,286	1,564	1,636	1,882	2,002	2,431	2,665	2,870	2,772	2,885	2,819
Miscellaneous business services	476	521	586	788	902	1,119	1,158	1,274	1,240	1,299	1,314
Tooling and other miscellaneous services	810	1,042	1,049	1,094	1,100	1,311	1,507	1,596	1,532	1,585	1,505
Audio-visual services	526	568	773	947	976	1,140	1,411	1,378	1,493	1,529	1,750
Personal, cultural and recreational services	135	147	150	160	161	163	177	188	197	210	203
Commercial services, total	8,332	9,843	10,412	11,553	13,259	15,426	17,780	20,813	20,190	21,875	21,103

Table 10-2

Commercial services by category - United States, 1993 to 2003 - Payments

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Communications services	676	824	984	822	1,131	1,049	1,164	1,428	1,462	1,517	1,567
Construction services	9	12	29	43	57	75	83	57	56	58	58
Insurance services	1,621	2,006	1,881	2,047	1,759	1,992	2,115	1,731	1,983	2,563	2,729
Primary life and non-life insurance	504	544	761	819	603	757	654	554	992	1,030	1,319
Reinsurance, life	646	802	575	693	655	708	839	562	320	604	376
Reinsurance, non-life	358	509	401	394	406	422	443	483	565	799	897
Reinsurance commissions	113	151	145	143	95	105	179	132	107	130	137
Other financial services	613	573	650	899	891	1,102	1,234	1,711	1,804	2,042	1,613
Computer and information services	485	653	604	647	810	995	1,200	1,231	1,338	1,489	1,354
Computer services	368	517	470	472	551	658	795	819	874	860	789
Information services	117	135	135	175	258	337	404	412	464	630	565
Royalties and licence fees	1,785	1,985	2,127	2,120	2,575	2,969	3,509	3,885	3,877	4,169	4,692
Patents and industrial design	642	685	705	609	698	800	1,135	1,217	1,225	1,385	1,934
Trademarks	294	390	457	424	509	546	534	570	538	522	578
Franchises	119	119	110	123	102	151	167	252	286	383	301
Copyrights and related rights	140	219	186	232	293	366	388	487	435	517	502
Software and other royalties	590	572	669	733	974	1,106	1,286	1,358	1,392	1,362	1,377
Non-financial commissions	333	374	429	325	390	443	500	514	473	419	447
Equipment rentals	305	379	358	403	467	552	600	650	589	569	511
Management services	1,503	1,944	2,056	2,616	2,951	3,269	3,715	4,287	4,367	4,316	4,415
Legal services	..	..	156	189	259	281	316	368	464	449	450
Other management services	1,503	1,944	1,899	2,427	2,692	2,988	3,399	3,918	3,904	3,867	3,965
Advertising and related services	260	333	374	413	418	393	407	413	418	397	475
Research and development	435	508	571	618	702	745	1,060	1,265	1,040	987	939
Architectural, engineering, and other technical services	382	469	572	743	771	1,083	946	992	1,046	1,208	1,124
Architectural and engineering services	99	111	163	177	227	440	353	335	352	560	338
Other technical services	283	358	410	566	544	644	593	657	694	648	786
Miscellaneous services to business	2,855	2,659	2,692	3,265	3,058	3,508	3,709	3,914	4,037	3,816	3,653
Miscellaneous business services	269	285	246	393	449	569	634	713	694	647	707
Tooling and other miscellaneous services	2,587	2,375	2,446	2,872	2,608	2,940	3,076	3,201	3,343	3,169	2,946
Audio-visual services	678	873	1,050	1,314	1,340	1,455	1,556	1,946	1,893	1,919	2,038
Personal, cultural and recreational services	106	112	143	145	146	152	159	166	171	182	188
Commercial services, total	12,046	13,706	14,520	16,420	17,464	19,784	21,955	24,187	24,555	25,652	25,802

Table 10-3

Commercial services by category - United States, 1993 to 2003 - Balances

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Communications services	268	253	136	173	-13	108	50	-79	111	153	88
Construction services	14	28	42	17	69	89	132	230	206	30	46
Insurance services	41	-68	-101	-352	-153	-315	-198	-337	-502	-532	-1,128
Primary life and non-life insurance	-111	-122	-100	-177	-1	-184	-175	-32	-297	-218	-386
Reinsurance, life	269	313	199	77	-34	-16	68	-72	-52	-47	-195
Reinsurance, non-life	-90	-184	-122	-185	-163	-113	-53	-187	-123	-287	-558
Reinsurance commissions	-27	-75	-78	-68	45	-2	-38	-46	-30	19	11
Other financial services	-205	-114	-281	-415	-261	-445	-611	-1,024	-1,293	-1,361	-991
Computer and information services	292	178	372	123	328	505	994	1,560	1,429	1,136	1,175
Computer services	388	286	474	246	461	680	1,160	1,722	1,557	1,446	1,377
Information services	-96	-107	-102	-123	-133	-175	-167	-162	-128	-311	-202
Royalties and licence fees	-1,636	-1,748	-1,845	-1,442	-1,520	-1,691	-1,949	-1,574	-1,416	-1,625	-2,331
Patents and industrial design	-580	-591	-618	-498	-584	-659	-979	-504	-354	-407	-1,078
Trademarks	-281	-374	-435	-373	-440	-441	-464	-541	-509	-490	-547
Franchises	-117	-114	-103	-110	-94	-142	-163	-249	-283	-377	-293
Copyrights and related rights	-115	-186	-144	-161	-171	-230	-216	-311	-272	-365	-345
Software and other royalties	-543	-483	-545	-300	-231	-218	-127	31	2	15	-68
Non-financial commissions	-96	-57	-95	82	62	63	2	18	-55	80	-36
Equipment rentals	-108	-164	-145	-205	-287	-322	-355	-408	-369	-361	-303
Management services	-775	-1,067	-1,097	-1,435	-1,523	-1,825	-1,972	-2,002	-1,799	-1,397	-1,620
Legal services	..	..	26	3	-50	-42	-17	-66	-148	-104	-141
Other management services	-775	-1,067	-1,123	-1,438	-1,473	-1,783	-1,956	-1,936	-1,651	-1,293	-1,479
Advertising and related services	-164	-227	-274	-287	-251	-164	-184	-96	-7	-69	-67
Research and development	289	462	495	608	608	1,169	1,164	1,828	883	942	916
Architectural, engineering, and other technical services	56	27	11	0	140	-148	-77	97	84	519	660
Architectural and engineering services	101	131	128	147	285	125	178	234	258	724	687
Other technical services	-45	-103	-117	-147	-145	-273	-255	-137	-174	-204	-27
Miscellaneous services to business	-1,569	-1,095	-1,056	-1,383	-1,056	-1,078	-1,044	-1,044	-1,265	-931	-833
Miscellaneous business services	208	237	341	396	452	551	525	561	546	652	607
Tooling and other miscellaneous services	-1,776	-1,332	-1,397	-1,778	-1,509	-1,628	-1,569	-1,605	-1,811	-1,583	-1,440
Audio-visual services	-152	-305	-277	-366	-364	-315	-144	-567	-400	-390	-289
Personal, cultural and recreational services	30	35	7	15	15	11	18	23	26	28	15
Commercial services, total	-3,714	-3,862	-4,109	-4,867	-4,205	-4,358	-4,175	-3,374	-4,365	-3,777	-4,699

Table 11

International transactions in services with the United Kingdom, summary, 1993 to 2003

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Receipts											
Travel	435	515	598	673	720	850	932	1,110	1,070	1,034	983
Transportation	378	483	537	578	627	835	902	924	815	1,239	1,345
Commercial services	690	824	1,013	1,024	1,084	1,318	1,356	1,432	1,654	1,796	1,774
Government services	32	48	104	104	106	100	106	116	112	116	122
Total	1,535	1,869	2,252	2,379	2,538	3,104	3,296	3,582	3,650	4,185	4,224
Payments											
Travel	654	733	831	820	921	991	1,143	1,109	973	1,024	935
Transportation	731	970	795	913	1,157	1,201	1,246	1,469	1,323	1,277	1,260
Commercial services	1,130	1,334	1,446	1,367	1,756	2,047	1,670	1,339	1,592	1,677	1,703
Government services	44	29	31	34	38	40	41	41	42	43	45
Total	2,558	3,066	3,103	3,133	3,871	4,279	4,100	3,959	3,930	4,022	3,943
Balances											
Travel	-218	-219	-233	-147	-200	-141	-211	1	96	10	48
Transportation	-353	-487	-258	-335	-530	-366	-344	-546	-508	-38	85
Commercial services	-440	-510	-433	-343	-672	-729	-314	93	62	118	71
Government services	-12	18	73	70	68	60	65	75	70	73	77
Total	-1,023	-1,197	-851	-755	-1,334	-1,175	-804	-377	-280	164	282

Table 12

International transactions in services with other European Union countries, summary, 1993 to 2003

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Receipts											
Travel	1,019	1,185	1,453	1,564	1,537	1,641	1,678	1,735	1,639	1,538	1,411
Transportation	812	1,054	1,150	1,119	1,107	1,122	1,085	1,391	1,237	1,305	1,285
Commercial services	838	1,030	1,161	1,512	1,744	2,373	2,510	2,858	3,461	3,438	3,265
Government services	93	126	148	150	156	147	146	157	155	150	144
Total	2,761	3,396	3,913	4,345	4,543	5,283	5,419	6,142	6,491	6,431	6,105
Payments											
Travel	1,168	1,223	1,435	1,457	1,419	1,702	1,726	2,006	2,132	2,147	2,260
Transportation	1,938	2,048	2,321	2,027	1,788	1,881	1,749	2,045	2,162	2,244	2,258
Commercial services	941	1,148	1,010	1,140	1,354	1,592	1,867	1,961	2,544	2,736	2,580
Government services	222	134	177	166	152	162	180	174	201	211	212
Total	4,269	4,553	4,942	4,790	4,714	5,337	5,522	6,185	7,040	7,338	7,310
Balances											
Travel	-150	-37	18	106	117	-61	-48	-271	-494	-610	-849
Transportation	-1,126	-994	-1,170	-908	-682	-759	-664	-653	-926	-939	-973
Commercial services	-103	-118	151	372	389	781	643	897	917	702	684
Government services	-129	-8	-28	-16	4	-14	-34	-16	-47	-60	-68
Total	-1,508	-1,157	-1,029	-446	-171	-53	-103	-43	-549	-907	-1,206

Table 13

International transactions in services with Japan, summary, 1993 to 2003

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
millions of dollars											
Receipts											
Travel	470	570	688	716	669	683	619	731	682	714	397
Transportation	433	473	528	535	542	422	441	568	593	531	409
Commercial services	229	257	256	272	355	395	416	538	557	555	534
Government services	31	40	25	26	26	26	31	32	32	33	32
Total	1,163	1,340	1,497	1,550	1,592	1,526	1,508	1,869	1,864	1,832	1,372
Payments											
Travel	91	112	127	119	139	128	153	189	204	190	201
Transportation	546	726	518	304	435	329	388	479	449	457	476
Commercial services	285	363	438	493	563	813	1,226	1,348	1,425	2,249	1,774
Government services	41	37	38	33	32	42	43	51	52	43	44
Total	963	1,237	1,122	948	1,170	1,311	1,810	2,068	2,131	2,939	2,496
Balances											
Travel	379	459	560	598	530	555	466	542	478	524	196
Transportation	-113	-253	9	231	106	93	53	89	144	74	-68
Commercial services	-56	-106	-182	-221	-208	-418	-810	-810	-869	-1,694	-1,240
Government services	-10	3	-13	-6	-6	-15	-12	-19	-20	-10	-12
Total	200	102	375	602	422	215	-303	-198	-267	-1,107	-1,124

Table 14

International transactions in services with other Organisation for Economic Co-operation and Development (OECD) countries, summary, 1993 to 2003

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
millions of dollars											
Receipts											
Travel	292	352	422	468	732	650	801	984	1,068	1,074	1,025
Transportation	214	256	256	257	351	388	399	530	554	831	788
Commercial services	591	785	564	661	999	1,259	989	1,055	1,307	1,604	1,434
Government services	30	52	26	29	62	62	81	90	98	91	89
Total	1,127	1,444	1,268	1,416	2,144	2,359	2,270	2,658	3,028	3,601	3,336
Payments											
Travel	404	433	696	790	1,033	1,096	1,183	1,320	1,389	1,376	1,544
Transportation	471	498	457	404	649	535	561	730	755	741	787
Commercial services	577	795	635	664	893	859	775	945	1,044	1,557	1,533
Government services	30	38	32	40	41	48	51	53	55	62	65
Total	1,481	1,764	1,820	1,898	2,616	2,539	2,571	3,049	3,243	3,736	3,930
Balances											
Travel	-112	-81	-274	-322	-301	-447	-382	-336	-321	-301	-520
Transportation	-257	-242	-201	-146	-298	-148	-163	-200	-201	90	1
Commercial services	15	-10	-71	-2	107	401	214	109	263	46	-99
Government services	0	13	-7	-11	21	13	30	37	43	29	24
Total	-354	-320	-552	-482	-472	-180	-301	-391	-216	-136	-594

Table 15

International transactions in services with other countries, summary, 1993 to 2003

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	millions of dollars										
Receipts											
Travel	1,385	1,467	1,631	1,838	1,642	1,588	1,747	1,988	2,009	2,053	1,844
Transportation	1,069	1,112	1,199	1,279	1,296	1,400	1,388	1,756	1,737	1,377	1,307
Commercial services	2,434	2,752	3,398	4,336	4,480	5,111	4,432	4,404	5,106	5,331	5,442
Government services	508	556	463	413	620	595	680	718	749	732	712
Total	5,395	5,887	6,691	7,865	8,037	8,694	8,247	8,866	9,601	9,493	9,304
Payments											
Travel	1,973	2,134	1,860	2,104	2,081	2,161	2,086	2,303	2,684	2,744	3,033
Transportation	2,490	2,282	2,376	2,280	2,396	2,574	3,001	3,410	3,594	3,818	3,862
Commercial services	1,881	2,256	2,211	2,298	2,628	2,946	2,617	2,584	3,431	3,592	3,726
Government services	218	208	229	231	247	260	254	257	276	298	309
Total	6,562	6,880	6,675	6,912	7,351	7,941	7,957	8,553	9,986	10,452	10,930
Balances											
Travel	-588	-666	-229	-265	-439	-572	-339	-315	-675	-692	-1,189
Transportation	-1,421	-1,170	-1,177	-1,001	-1,100	-1,174	-1,612	-1,654	-1,857	-2,441	-2,555
Commercial services	553	496	1,187	2,038	1,852	2,164	1,815	1,820	1,675	1,739	1,716
Government services	289	347	235	182	373	335	426	461	472	435	402
Total	-1,167	-993	16	954	686	753	290	313	-385	-959	-1,626

Table 16

International transactions in services by detailed category, 2002 and 2003

	Receipts		Payments		Balances	
	2002	2003	2002	2003	2002	2003
	millions of dollars					
Travel, total	16,747	14,746	18,333	18,608	-1,586	-3,862
Business travel	2,737	2,389	3,429	3,389	-692	-1,000
Crew spending	175	180	170	184	5	-4
Other business travel	2,562	2,209	3,259	3,205	-697	-996
Personal travel	14,010	12,357	14,903	15,219	-894	-2,862
Health related	101	104	414	468	-313	-364
Education related	1,238	1,427	1,098	1,064	140	363
Other personal travel	12,671	10,826	13,391	13,687	-721	-2,861
Transportation, total	11,115	10,285	14,122	14,225	-3,007	-3,940
Water transport	2,472	2,578	5,416	5,561	-2,944	-2,983
Water transport, freight	787	806	4,918	5,046	-4,131	-4,240
Water transport, auxiliary services	1,685	1,772	498	515	1,188	1,256
Air transport	4,987	4,306	6,009	6,167	-1,023	-1,861
Air transports, passenger ¹	3,190	2,248	3,889	4,006	-699	-1,757
Air transport, freight and auxiliary services	1,797	2,058	2,121	2,161	-324	-104
Land and other transport	3,657	3,401	2,697	2,497	960	904
Land and other transport, passenger	31	27	88	150	-57	-123
Land and other transport, freight and auxiliary services	3,625	3,374	2,609	2,347	1,017	1,027
Commercial services, total	34,599	33,551	37,464	37,119	-2,865	-3,567
Communications services	2,414	2,363	2,238	2,246	177	116
Construction services	167	139	96	91	70	48
Insurance services	4,891	4,525	6,764	6,996	-1,873	-2,471
Primary life and non-life insurance	990	1,117	1,109	1,410	-120	-293
Reinsurance, life	1,137	730	2,402	2,182	-1,264	-1,452
Reinsurance, non-life	2,132	2,040	3,084	3,227	-952	-1,187
Reinsurance commissions	632	638	169	177	463	461
Other financial services	1,493	1,487	2,719	2,515	-1,226	-1,029
Computer and information services	3,450	3,189	1,580	1,437	1,871	1,752
Computer services	3,056	2,800	905	847	2,151	1,952
Information services	395	390	675	590	-280	-200
Royalties and licence fees	3,788	3,575	6,693	6,727	-2,905	-3,152
Patents and industrial design	1,459	1,411	3,527	3,600	-2,068	-2,189
Trademarks	97	98	689	729	-592	-630
Franchises	18	27	395	315	-376	-289
Copyrights and related rights	231	307	592	583	-361	-277
Software and other royalties	1,982	1,732	1,491	1,499	492	233
Non-financial commissions	687	723	633	635	54	87
Equipment rentals	317	344	684	661	-367	-317
Management services	4,120	4,033	5,006	5,079	-886	-1,046
Legal services	458	408	540	541	-82	-133
Other management services	3,662	3,625	4,466	4,538	-804	-913
Advertising and related services	513	538	522	642	-9	-104
Research and development	2,961	2,896	1,402	1,374	1,559	1,522
Architectural, engineering, and other technical services	3,505	3,416	1,966	1,908	1,540	1,508
Architectural and engineering services	2,613	2,443	1,120	923	1,493	1,520
Other technical services	892	973	845	985	47	-12
Miscellaneous services to business	3,955	3,800	4,699	4,239	-744	-439
Miscellaneous business services	2,236	2,212	1,269	1,094	967	1,119
Tooling and other miscellaneous services	1,719	1,588	3,429	3,146	-1,711	-1,558
Audio-visual services	2,129	2,321	2,281	2,380	-153	-58
Personal, cultural and recreational services	210	203	182	188	28	15
Government services	1,438	1,382	883	903	555	479
Total, all services	63,899	59,965	70,802	70,855	-6,903	-10,890

1. International passenger fares by water included under air transport.

Table 17-1

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - United States and Antilles

	1995	1996	1997	1998	1999	2000	2001	2002
millions of dollars								
United States								
Receipts, total	20,175	22,331	24,901	29,258	32,896	36,601	36,092	38,356
Travel	6,027	6,489	6,921	8,606	9,365	9,449	9,947	10,334
Commercial services	10,412	11,553	13,259	15,426	17,780	20,813	20,190	21,875
Transportation and government services	3,736	4,289	4,721	5,226	5,751	6,338	5,956	6,147
Payments, total	28,271	31,280	32,897	35,142	38,312	41,686	41,600	42,314
Travel	9,144	10,062	10,280	9,951	10,801	11,517	11,251	10,852
Commercial services	14,520	16,420	17,464	19,784	21,955	24,187	24,555	25,652
Transportation and government services	4,606	4,797	5,153	5,408	5,555	5,981	5,794	5,810
Balance, total	-8,096	-8,949	-7,995	-5,884	-5,416	-5,085	-5,508	-3,958
Antilles								
Receipts, total	1,281	1,445	1,290	1,688	1,436	1,789	2,245	2,205
Travel	115	128	144	131	158	176	167	198
Commercial services	865	996	842	1,220	937	1,268	1,706	1,831
Transportation and government services	301	322	304	338	341	345	372	176
Payments, total	2,352	2,302	2,571	2,770	3,092	3,311	4,115	3,908
Travel	643	667	701	761	807	866	1,078	1,142
Commercial services	1,223	1,162	1,339	1,450	1,531	1,791	2,400	2,557
Transportation and government services	487	473	531	559	754	653	637	209
Balance, total	-1,072	-857	-1,281	-1,082	-1,656	-1,522	-1,871	-1,703
Bahamas								
Receipts, total	21	25	37	39	25	34	69	34
Travel	14	14	30	24	13	15	14	15
Commercial services	4	8	3	11	8	14	50	12
Transportation and government services	3	3	4	5	4	4	5	7
Payments, total	75	74	116	95	75	107	82	87
Travel	50	38	60	73	51	60	61	61
Commercial services	23	33	52	19	21	43	17	20
Transportation and government services	2	2	4	3	3	4	4	6
Balance, total	-54	-49	-78	-55	-49	-74	-13	-53
Barbados								
Receipts, total	602	524	411	605	572	706	666	765
Travel	8	16	8	14	14	16	13	15
Commercial services	589	502	395	583	550	683	645	740
Transportation and government services	5	6	7	8	7	7	8	11
Payments, total	948	848	862	979	1,029	1,188	1,344	1,499
Travel	43	81	54	49	53	54	72	72
Commercial services	902	761	804	927	972	1,130	1,269	1,422
Transportation and government services	4	6	4	3	3	3	4	5
Balance, total	-346	-324	-452	-374	-457	-482	-678	-734
Bermuda								
Receipts, total	362	456	493	665	493	658	998	830
Travel	19	22	23	20	25	35	37	38
Commercial services	122	188	256	411	245	392	731	773
Transportation and government services	222	247	213	234	223	230	229	19
Payments, total	591	598	718	802	1,042	1,043	1,426	951
Travel	96	73	55	90	91	96	78	49
Commercial services	190	218	326	348	391	478	900	895
Transportation and government services	304	308	337	363	561	469	448	7
Balance, total	-228	-142	-226	-137	-549	-385	-428	-121

See footnotes at the end of the table.

Table 17-1 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - United States and Antilles

	1995	1996	1997	1998	1999	2000	2001	2002
Jamaica								
Receipts, total	45	54	48	49	54	53	77	87
Travel	17	17	18	12	19	15	17	29
Commercial services	13	23	14	20	14	15	16	22
Transportation and government services	15	14	16	18	21	22	44	36
Payments, total	106	138	126	141	114	141	155	134
Travel	59	65	43	58	38	75	86	66
Commercial services	26	49	52	55	51	50	52	54
Transportation and government services	20	24	31	28	26	16	17	14
Balance, total	-61	-84	-78	-92	-60	-88	-78	-47
Trinidad and Tobago								
Receipts, total	84	167	51	58	57	58	55	67
Travel	18	18	16	20	26	27	29	39
Commercial services	54	137	23	20	10	11	11	8
Transportation and government services	13	12	12	17	21	20	15	20
Payments, total	42	93	55	61	47	61	111	90
Travel	6	17	15	18	13	25	20	11
Commercial services	23	62	26	25	19	16	74	67
Transportation and government services	13	14	14	18	14	20	17	12
Balance, total	42	74	-4	-3	10	-3	-55	-22
Other Antilles ¹								
Receipts, total	165	219	250	273	235	281	379	421
Travel	38	42	48	41	61	66	57	61
Commercial services	84	138	150	175	110	153	253	276
Transportation and government services	43	39	52	57	64	61	70	84
Payments, total	590	551	694	692	786	770	997	1,147
Travel	388	392	474	473	561	557	761	883
Commercial services	59	38	78	75	77	73	88	98
Transportation and government services	144	120	141	144	147	140	148	166
Balance, total	-425	-332	-443	-419	-551	-490	-618	-726

1. Include values not allocated to specific countries in that regions.

Table 17-2

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Central America

	1995	1996	1997	1998	1999	2000	2001	2002
	millions of dollars							
Central America								
Receipts, total	258	327	318	416	467	523	624	634
Travel	88	104	119	135	158	207	224	272
Commercial services	124	177	143	211	227	235	298	263
Transportation and government services	46	46	56	70	82	82	102	99
Payments, total	586	608	770	835	854	1,049	1,048	1,046
Travel	452	442	567	610	664	800	777	783
Commercial services	72	99	114	125	102	131	137	121
Transportation and government services	63	68	89	100	88	118	134	142
Balance, total	-329	-281	-452	-419	-387	-526	-424	-412
Costa Rica								
Receipts, total	11	10	12	10	14	21	34	29
Travel	3	3	4	3	6	8	8	8
Commercial services	6	4	5	4	4	5	21	16
Transportation and government services	3	3	3	3	4	9	5	6
Payments, total	66	49	40	40	70	76	61	58
Travel	57	38	26	27	55	56	37	37
Commercial services	0	6	7	8	7	7	9	9
Transportation and government services	8	4	6	5	7	13	15	12
Balance, total	-55	-38	-27	-30	-56	-55	-27	-29
El Salvador								
Receipts, total	4	6	8	7	9	9	12	9
Travel	2	1	0	1	2	2	2	2
Commercial services	1	3	4	3	4	3	4	3
Transportation and government services	1	2	4	3	3	3	5	4
Payments, total	4	3	8	5	6	7	10	9
Travel	3	2	7	4	5	5	5	5
Commercial services	0	0	0	0	0	1	2	2
Transportation and government services	0	0	1	1	1	2	2	2
Balance, total	0	4	-1	1	3	1	2	1
Guatemala								
Receipts, total	13	10	20	17	17	18	20	21
Travel	2	1	4	4	2	2	2	2
Commercial services	8	6	12	9	10	10	12	11
Transportation and government services	3	3	5	5	5	6	6	7
Payments, total	13	8	11	22	8	9	11	10
Travel	7	4	5	16	4	4	4	4
Commercial services	3	0	2	1	1	2	2	2
Transportation and government services	3	3	4	5	3	4	4	4
Balance, total	0	2	10	-4	10	9	9	10
Honduras								
Receipts, total	10	14	10	12	21	15	11	11
Travel	3	4	2	1	1	1	1	1
Commercial services	5	9	7	9	10	10	6	7
Transportation and government services	2	1	2	3	10	4	3	3
Payments, total	5	9	8	8	5	6	7	6
Travel	4	8	4	5	3	4	4	4
Commercial services	0	1	3	1	1	1	2	1
Transportation and government services	0	1	1	1	1	1	1	1
Balance, total	5	5	2	4	17	9	4	5

See footnotes at the end of the table.

Table 17-2 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Central America

	1995	1996	1997	1998	1999	2000	2001	2002
Mexico								
Receipts, total	193	267	248	350	376	424	505	528
Travel	76	92	105	123	143	190	206	253
Commercial services	88	147	108	181	183	182	228	206
Transportation and government services	29	28	35	47	50	52	71	69
Payments, total	458	510	657	724	738	901	915	894
Travel	353	368	493	537	586	707	703	686
Commercial services	60	87	96	107	82	106	115	103
Transportation and government services	45	55	68	81	71	88	97	106
Balance, total	-266	-243	-409	-374	-362	-477	-410	-366
Nicaragua								
Receipts, total	12	8	6	8	10	9	11	9
Travel	1	1	1	1	1	1	1	1
Commercial services	7	3	2	2	6	6	6	5
Transportation and government services	3	4	3	5	4	2	4	4
Payments, total	11	8	7	3	2	6	4	2
Travel	10	7	5	1	0	1	1	1
Commercial services	0	0	1	1	2	4	2	1
Transportation and government services	1	1	1	0	0	0	1	0
Balance, total	0	0	-1	5	8	4	7	7
Other Central America ¹								
Receipts, total	16	12	13	12	19	27	32	26
Travel	3	3	2	3	3	3	3	5
Commercial services	9	5	5	3	11	18	21	14
Transportation and government services	5	5	5	5	5	6	8	6
Payments, total	29	23	40	32	25	45	41	66
Travel	18	15	27	19	10	23	23	46
Commercial services	7	4	5	6	10	11	5	4
Transportation and government services	4	3	8	8	6	11	14	16
Balance, total	-13	-10	-27	-21	-6	-18	-10	-41

1. Include values not allocated to specific countries in that regions.

Table 17-3

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - South America

	1995	1996	1997	1998	1999	2000	2001	2002
millions of dollars								
South America								
Receipts, total	678	905	1,013	894	794	946	895	954
Travel	147	180	199	200	207	223	179	170
Commercial services	411	604	655	530	444	560	555	642
Transportation and government services	119	121	158	164	143	163	161	142
Payments, total	339	371	522	494	430	514	503	469
Travel	128	137	206	194	191	239	243	196
Commercial services	112	144	186	174	140	146	144	148
Transportation and government services	99	90	130	126	99	129	115	125
Balance, total	338	534	491	400	364	432	392	485
Argentina								
Receipts, total	67	70	65	64	66	86	109	76
Travel	24	25	24	22	24	33	29	19
Commercial services	23	24	18	20	22	27	54	41
Transportation and government services	20	22	22	22	20	25	26	16
Payments, total	33	31	56	50	62	53	65	34
Travel	13	14	32	29	32	24	36	11
Commercial services	10	9	10	11	20	16	16	16
Transportation and government services	10	9	14	10	10	13	13	7
Balance, total	34	39	9	14	5	33	45	42
Brazil								
Receipts, total	186	364	400	429	347	412	357	333
Travel	55	84	106	113	107	115	74	61
Commercial services	95	234	226	249	182	225	221	210
Transportation and government services	36	46	68	67	57	72	62	62
Payments, total	81	87	142	194	173	189	208	208
Travel	28	28	44	78	74	88	118	112
Commercial services	11	22	42	58	44	43	42	40
Transportation and government services	41	37	56	58	55	58	48	55
Balance, total	105	277	257	235	174	223	149	126
Chile								
Receipts, total	132	87	117	61	56	66	73	162
Travel	14	17	10	15	12	12	13	14
Commercial services	106	62	98	34	36	44	51	140
Transportation and government services	12	9	10	12	9	10	9	8
Payments, total	56	42	55	27	37	64	53	52
Travel	18	24	35	12	25	33	25	25
Commercial services	19	6	4	5	6	17	16	16
Transportation and government services	19	12	16	10	7	13	12	12
Balance, total	76	45	63	34	19	2	20	110
Colombia								
Receipts, total	40	45	40	57	72	64	63	47
Travel	12	22	12	17	22	19	18	18
Commercial services	20	16	21	28	37	31	31	16
Transportation and government services	8	7	7	12	13	14	14	13
Payments, total	28	34	31	36	32	50	48	31
Travel	17	20	16	16	15	26	27	15
Commercial services	4	4	3	8	11	13	13	8
Transportation and government services	8	9	12	13	7	12	9	7
Balance, total	11	11	10	21	40	14	15	16

See footnotes at the end of the table.

Table 17-3 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - South America

	1995	1996	1997	1998	1999	2000	2001	2002
Venezuela								
Receipts, total	65	100	76	69	80	111	104	104
Travel	18	13	14	12	18	22	19	23
Commercial services	34	81	51	47	55	80	75	73
Transportation and government services	13	7	11	9	8	9	10	8
Payments, total	49	49	65	65	56	98	59	67
Travel	33	23	43	32	27	59	18	14
Commercial services	6	17	10	17	20	27	31	35
Transportation and government services	10	9	12	16	9	12	11	18
Balance, total	16	51	11	4	24	13	44	37
Other South America ¹								
Receipts, total	188	239	314	213	172	206	190	231
Travel	24	21	32	20	24	21	27	33
Commercial services	133	188	242	152	113	152	123	162
Transportation and government services	30	31	40	41	35	33	40	36
Payments, total	92	128	173	121	69	60	70	76
Travel	19	28	37	27	19	9	20	18
Commercial services	62	86	116	75	39	30	28	33
Transportation and government services	11	15	20	19	11	21	23	25
Balance, total	96	111	141	92	103	146	120	155

1. Include values not allocated to specific countries in that regions.

Table 17-4

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Europe

	1995	1996	1997	1998	1999	2000	2001	2002
millions of dollars								
Europe								
Receipts, total	7,332	8,037	8,623	10,150	10,564	11,455	12,143	13,153
Travel	2,332	2,526	2,562	2,788	2,954	3,220	3,090	2,956
Commercial services	2,703	3,221	3,743	4,820	5,014	5,194	6,286	6,710
Transportation and government services	2,297	2,289	2,318	2,543	2,595	3,041	2,767	3,486
Payments, total	9,557	9,332	10,244	11,448	11,430	12,174	13,239	13,964
Travel	2,574	2,571	2,647	3,086	3,231	3,531	3,540	3,611
Commercial services	3,038	3,163	3,874	4,463	4,310	3,984	4,985	5,719
Transportation and government services	3,945	3,598	3,724	3,900	3,890	4,659	4,714	4,633
Balance, total	-2,225	-1,296	-1,622	-1,298	-866	-719	-1,096	-811
Austria								
Receipts, total	73	67	68	102	58	82	80	79
Travel	35	41	43	45	33	42	44	46
Commercial services	21	13	11	47	16	20	19	14
Transportation and government services	18	14	14	11	9	20	17	19
Payments, total	124	99	74	96	115	157	183	211
Travel	61	66	49	61	73	80	72	73
Commercial services	34	19	13	23	28	42	59	63
Transportation and government services	29	14	12	12	14	35	53	75
Balance, total	-50	-32	-6	6	-57	-75	-103	-132
Belgium/Luxembourg								
Receipts, total	143	172	185	180	205	236	238	267
Travel	45	60	57	57	79	68	68	66
Commercial services	42	55	74	68	83	84	101	138
Transportation and government services	56	57	54	55	43	83	68	63
Payments, total	157	155	151	184	174	229	204	237
Travel	48	47	34	54	51	64	47	75
Commercial services	47	46	57	60	55	60	59	74
Transportation and government services	61	61	60	70	68	105	98	88
Balance, total	-14	17	34	-4	31	7	33	30
Denmark								
Receipts, total	50	62	76	89	85	106	118	138
Travel	21	22	21	26	28	35	29	30
Commercial services	12	20	26	40	33	39	57	71
Transportation and government services	18	21	28	23	24	32	32	37
Payments, total	93	104	98	96	77	88	120	166
Travel	22	20	22	23	27	22	34	25
Commercial services	8	7	7	9	16	28	42	49
Transportation and government services	63	76	69	65	34	38	44	92
Balance, total	-43	-42	-22	-8	8	19	-1	-27
Finland								
Receipts, total	37	44	46	50	48	52	47	52
Travel	13	12	14	14	12	13	15	17
Commercial services	8	12	14	17	17	20	15	14
Transportation and government services	16	19	18	19	19	20	17	20
Payments, total	46	39	74	71	49	50	59	63
Travel	15	9	16	15	12	12	15	13
Commercial services	9	7	26	25	17	19	22	28
Transportation and government services	23	23	32	30	21	20	22	22
Balance, total	-9	5	-27	-21	-2	2	-12	-11

See footnotes at the end of the table.

Table 17-4 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Europe

	1995	1996	1997	1998	1999	2000	2001	2002
France								
Receipts, total	1,018	1,112	1,238	1,459	1,393	1,559	1,637	1,555
Travel	521	564	548	598	569	582	552	503
Commercial services	211	244	414	577	619	676	798	736
Transportation and government services	286	304	276	285	205	301	287	316
Payments, total	1,213	1,204	1,432	1,607	1,567	1,545	1,558	1,618
Travel	499	471	493	547	537	611	617	650
Commercial services	314	344	543	677	690	565	520	566
Transportation and government services	401	389	396	383	340	369	421	402
Balance, total	-195	-92	-194	-148	-174	14	79	-63
Germany								
Receipts, total	1,155	1,301	1,210	1,398	1,486	1,594	1,771	1,594
Travel	518	531	465	513	513	521	480	413
Commercial services	276	399	359	467	525	573	825	722
Transportation and government services	361	371	386	418	449	500	466	459
Payments, total	864	927	873	994	1,074	1,218	1,486	1,669
Travel	194	196	186	238	199	253	231	260
Commercial services	226	356	307	337	429	526	801	915
Transportation and government services	445	376	380	419	446	439	455	494
Balance, total	291	374	338	405	412	375	285	-75
Greece								
Receipts, total	160	161	186	165	246	176	155	175
Travel	17	17	32	21	20	18	13	17
Commercial services	11	6	5	12	20	14	8	27
Transportation and government services	132	138	149	132	206	143	133	132
Payments, total	879	716	504	637	613	722	701	629
Travel	73	76	69	81	70	65	112	105
Commercial services	12	14	17	18	8	3	3	3
Transportation and government services	794	625	418	538	534	653	587	521
Balance, total	-720	-555	-319	-472	-367	-546	-547	-454
Ireland								
Receipts, total	179	287	343	479	532	674	746	836
Travel	15	19	27	36	36	41	51	49
Commercial services	151	255	300	425	484	608	668	761
Transportation and government services	13	13	16	18	12	26	28	26
Payments, total	161	170	195	156	303	351	473	524
Travel	95	76	97	84	120	111	141	96
Commercial services	54	85	83	57	163	214	297	398
Transportation and government services	12	9	15	15	20	26	36	30
Balance, total	18	117	148	323	229	323	272	312
Italy								
Receipts, total	281	289	314	341	286	407	381	380
Travel	86	101	109	123	116	142	122	121
Commercial services	100	98	110	130	110	118	141	127
Transportation and government services	95	90	94	87	60	147	119	133
Payments, total	434	431	412	419	538	673	758	707
Travel	160	218	195	237	300	357	397	350
Commercial services	145	73	71	73	136	157	161	178
Transportation and government services	129	140	147	109	102	159	199	179
Balance, total	-153	-141	-98	-78	-252	-265	-376	-327

See footnotes at the end of the table.

Table 17-4 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Europe

	1995	1996	1997	1998	1999	2000	2001	2002
Netherlands								
Receipts, total	419	386	353	421	425	513	511	577
Travel	96	105	112	108	132	144	138	136
Commercial services	107	125	110	186	185	199	241	302
Transportation and government services	216	156	131	126	109	170	131	140
Payments, total	514	491	499	563	530	524	736	778
Travel	100	94	92	101	116	115	115	118
Commercial services	116	122	152	227	190	197	360	303
Transportation and government services	298	275	255	235	224	212	262	356
Balance, total	-94	-106	-146	-143	-105	-11	-226	-200
Norway								
Receipts, total	156	134	168	160	109	132	145	334
Travel	15	17	18	23	20	31	29	31
Commercial services	34	31	93	78	37	32	37	44
Transportation and government services	107	85	58	59	53	69	79	259
Payments, total	322	209	414	294	295	369	480	484
Travel	18	16	18	14	35	22	26	21
Commercial services	59	54	x	x	x	x	159	205
Transportation and government services	245	139	x	x	x	x	295	258
Balance, total	-166	-76	-245	-134	-186	-237	-334	-150
Poland								
Receipts, total	49	54	71	91	80	67	69	130
Travel	21	23	18	24	19	18	24	30
Commercial services	4	5	31	39	34	20	14	62
Transportation and government services	24	27	23	28	28	29	31	38
Payments, total	53	44	36	39	42	75	49	61
Travel	20	16	18	28	30	46	26	31
Commercial services	1	1	x	x	x	x	9	8
Transportation and government services	32	27	x	x	x	x	14	21
Balance, total	-4	11	35	52	38	-8	21	69
Portugal								
Receipts, total	38	50	69	61	67	55	73	76
Travel	19	20	25	26	27	22	25	22
Commercial services	12	23	32	24	18	20	33	38
Transportation and government services	7	7	12	11	21	13	15	16
Payments, total	140	69	76	149	111	120	151	164
Travel	91	42	38	106	82	89	115	121
Commercial services	3	2	8	2	2	6	7	9
Transportation and government services	46	25	29	41	26	26	29	34
Balance, total	-101	-19	-7	-89	-44	-66	-78	-88
Russia								
Receipts, total	91	149	155	128	135	141	165	190
Travel	26	28	29	23	41	37	36	44
Commercial services	34	90	79	62	54	56	75	94
Transportation and government services	31	32	47	42	39	48	54	53
Payments, total	159	134	186	212	190	225	258	238
Travel	51	35	47	55	40	45	37	62
Commercial services	11	18	33	31	22	34	43	49
Transportation and government services	97	82	106	125	128	145	178	127
Balance, total	-68	15	-31	-84	-56	-83	-93	-48

See footnotes at the end of the table.

Table 17-4 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Europe

	1995	1996	1997	1998	1999	2000	2001	2002
Spain								
Receipts, total	90	99	127	127	141	194	163	186
Travel	38	37	49	37	55	60	54	74
Commercial services	5	19	38	50	51	96	73	63
Transportation and government services	46	42	41	39	35	38	36	49
Payments, total	119	188	142	176	171	277	333	351
Travel	56	124	100	128	116	184	199	231
Commercial services	7	13	11	11	24	41	64	49
Transportation and government services	57	51	31	38	31	52	70	71
Balance, total	-29	-89	-14	-50	-29	-83	-170	-165
Sweden								
Receipts, total	267	314	326	412	445	433	496	437
Travel	29	36	35	38	57	47	47	45
Commercial services	204	242	248	329	346	330	406	348
Transportation and government services	34	37	43	45	41	56	43	45
Payments, total	198	198	185	188	200	226	226	198
Travel	21	18	29	28	23	43	39	31
Commercial services	36	51	59	73	110	99	99	77
Transportation and government services	140	129	97	88	67	84	89	90
Balance, total	70	116	141	224	245	207	269	240
Switzerland								
Receipts, total	505	504	512	591	508	569	695	1,045
Travel	141	140	150	136	156	166	168	160
Commercial services	306	290	297	381	286	310	455	788
Transportation and government services	58	73	65	75	67	94	73	97
Payments, total	578	592	573	559	607	696	711	1,085
Travel	86	87	89	122	109	132	138	123
Commercial services	423	431	398	367	404	465	504	876
Transportation and government services	69	74	86	70	95	99	69	85
Balance, total	-72	-88	-61	33	-99	-127	-15	-40
Turkey								
Receipts, total	41	44	54	75	54	67	91	140
Travel	8	10	11	12	13	15	10	10
Commercial services	23	21	33	51	31	36	66	100
Transportation and government services	11	12	10	12	11	16	14	30
Payments, total	60	52	54	65	68	88	87	99
Travel	32	37	37	53	43	40	46	41
Commercial services	18	6	9	2	11	18	23	27
Transportation and government services	10	9	8	11	14	29	18	31
Balance, total	-19	-8	0	9	-14	-21	3	41
United Kingdom								
Receipts, total	2,252	2,379	2,538	3,104	3,296	3,582	3,650	4,185
Travel	598	673	720	850	932	1,110	1,070	1,034
Commercial services	1,013	1,024	1,084	1,318	1,356	1,432	1,654	1,796
Transportation and government services	641	682	733	935	1,008	1,040	927	1,356
Payments, total	3,103	3,133	3,871	4,279	4,100	3,959	3,930	4,022
Travel	831	820	921	991	1,143	1,109	973	1,024
Commercial services	1,446	1,367	1,756	2,047	1,670	1,339	1,592	1,677
Transportation and government services	826	947	1,195	1,241	1,287	1,510	1,364	1,321
Balance, total	-851	-755	-1,334	-1,175	-804	-377	-280	164

See footnotes at the end of the table.

Table 17-4 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Europe

	1995	1996	1997	1998	1999	2000	2001	2002
Other Europe in Organisation for Economic Co-operation and Development (OECD)¹								
Receipts, total	10	76	135	165	127	182	220	85
Travel	2	14	25	26	43	32	39	30
Commercial services	8	48	93	115	59	111	140	19
Transportation and government services	0	13	18	23	25	39	41	36
Payments, total	5	60	102	90	108	139	231	248
Travel	2	31	48	54	64	71	91	92
Commercial services	0	11	29	8	18	34	97	110
Transportation and government services	2	18	24	28	27	33	43	46
Balance, total	5	16	34	75	19	43	-11	-163
Other Europe not in Organisation for Economic Co-operation and Development (OECD)¹								
Receipts, total	315	354	447	556	836	632	691	689
Travel	68	57	54	53	53	77	76	81
Commercial services	120	201	291	403	650	397	459	447
Transportation and government services	127	95	102	100	133	158	157	162
Payments, total	335	318	294	575	497	442	504	414
Travel	98	72	49	67	41	59	70	71
Commercial services	70	136	138	301	226	56	66	54
Transportation and government services	166	110	107	207	230	328	368	290
Balance, total	-20	36	153	-19	339	189	187	275

1. Include values not allocated to specific countries in that regions.

Table 17-5

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Africa

	1995	1996	1997	1998	1999	2000	2001	2002
millions of dollars								
Africa								
Receipts, total	930	1,039	1,113	1,328	1,049	1,062	1,017	1,156
Travel	199	207	201	205	220	230	241	243
Commercial services	557	659	733	933	628	627	564	669
Transportation and government services	173	174	179	189	201	205	212	244
Payments, total	305	391	422	528	375	427	430	431
Travel	148	216	205	236	211	241	221	214
Commercial services	67	68	89	175	64	63	71	81
Transportation and government services	90	107	129	117	99	124	137	136
Balance, total	625	648	690	800	674	635	587	725
Egypt								
Receipts, total	34	36	48	70	67	81	75	65
Travel	12	9	5	11	14	14	16	16
Commercial services	13	20	33	49	42	55	43	36
Transportation and government services	8	8	11	10	11	12	16	13
Payments, total	33	32	32	41	56	65	51	53
Travel	22	24	19	14	36	38	16	16
Commercial services	3	4	7	11	14	20	10	13
Transportation and government services	8	5	6	16	7	7	25	24
Balance, total	0	4	16	30	11	16	23	13
Ivory Coast								
Receipts, total	46	43	38	41	29	23	23	52
Travel	7	8	12	9	9	9	10	11
Commercial services	30	26	22	15	10	10	9	11
Transportation and government services	9	8	3	17	10	4	3	30
Payments, total	4	9	6	6	6	7	12	11
Travel	1	6	2	3	2	2	1	1
Commercial services	0	1	0	0	1	1	7	6
Transportation and government services	3	3	3	3	3	3	4	4
Balance, total	41	33	32	35	23	16	11	42
Maghreb Countries								
Receipts, total	169	255	389	566	335	343	213	354
Travel	46	51	56	55	62	63	67	69
Commercial services	96	176	292	476	239	239	108	249
Transportation and government services	27	28	41	35	34	41	38	36
Payments, total	96	114	111	196	104	113	140	145
Travel	62	88	78	87	76	80	91	85
Commercial services	16	5	6	x	8	13	29	41
Transportation and government services	18	21	27	x	20	20	20	18
Balance, total	72	141	278	370	230	229	73	210
Nigeria								
Receipts, total	52	58	25	19	17	20	28	44
Travel	7	8	5	8	7	8	8	9
Commercial services	44	48	18	8	6	6	11	24
Transportation and government services	2	2	2	2	4	6	8	12
Payments, total	6	6	5	3	6	6	6	7
Travel	3	4	3	1	4	3	2	2
Commercial services	2	0	1	1	0	1	1	2
Transportation and government services	1	2	1	1	1	2	3	3
Balance, total	47	53	20	16	11	14	22	37

See footnotes at the end of the table.

Table 17-5 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Africa

	1995	1996	1997	1998	1999	2000	2001	2002
Senegal								
Receipts, total	57	53	42	29	31	31	40	26
Travel	11	15	8	7	6	6	7	8
Commercial services	41	32	27	17	16	18	26	13
Transportation and government services	6	6	7	6	9	7	6	5
Payments, total	4	3	8	18	14	9	9	10
Travel	2	0	5	14	11	7	7	7
Commercial services	0	0	1	1	1	1	0	1
Transportation and government services	2	3	2	2	2	2	2	2
Balance, total	53	51	34	12	17	22	31	17
South Africa								
Receipts, total	125	123	114	101	134	159	191	156
Travel	20	29	28	32	33	37	27	23
Commercial services	91	80	65	48	84	103	149	116
Transportation and government services	14	13	21	21	17	18	15	17
Payments, total	40	60	87	85	55	98	75	77
Travel	16	36	45	61	31	58	43	46
Commercial services	11	3	9	5	6	5	10	7
Transportation and government services	13	21	33	20	18	35	22	24
Balance, total	85	62	27	16	79	61	116	79
Other Africa ¹								
Receipts, total	447	471	457	501	436	407	447	457
Travel	97	87	87	84	89	93	106	107
Commercial services	243	276	276	320	231	196	217	220
Transportation and government services	107	108	94	98	116	118	124	130
Payments, total	121	166	174	180	133	130	136	129
Travel	41	59	52	58	51	53	61	57
Commercial services	36	55	66	x	34	21	13	12
Transportation and government services	44	53	56	x	48	56	62	60
Balance, total	326	305	283	322	303	277	311	328

1. Include values not allocated to specific countries in that regions.

Table 17-6

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Middle East

	1995	1996	1997	1998	1999	2000	2001	2002
millions of dollars								
Middle East								
Receipts, total	310	378	456	594	508	597	704	710
Travel	124	158	136	160	186	212	221	217
Commercial services	100	134	186	288	178	204	293	310
Transportation and government services	86	86	133	146	145	181	190	183
Payments, total	271	278	409	330	421	455	520	484
Travel	86	97	113	82	92	97	78	86
Commercial services	47	43	69	89	86	118	148	162
Transportation and government services	138	138	228	159	243	240	294	237
Balance, total	39	100	46	265	88	142	184	225
Iran								
Receipts, total	53	51	77	92	80	81	83	94
Travel	20	23	23	18	24	24	28	29
Commercial services	23	19	34	57	37	35	33	47
Transportation and government services	9	9	21	17	19	22	22	18
Payments, total	10	7	82	14	14	11	14	12
Travel	2	2	3	3	4	3	6	6
Commercial services	4	1	2	3	2	2	3	1
Transportation and government services	4	4	78	9	8	6	5	5
Balance, total	43	43	-4	78	67	70	69	82
Israel								
Receipts, total	88	115	128	252	146	189	185	196
Travel	43	57	54	69	65	85	72	76
Commercial services	17	28	32	127	34	28	52	37
Transportation and government services	28	30	42	56	48	76	62	83
Payments, total	116	104	116	136	133	128	113	107
Travel	53	44	47	52	55	42	31	23
Commercial services	17	21	27	31	21	30	32	33
Transportation and government services	46	39	42	53	58	56	51	51
Balance, total	-28	10	12	116	13	61	72	89
Saudi Arabia								
Receipts, total	73	98	129	98	113	134	158	155
Travel	29	32	29	27	35	35	41	39
Commercial services	27	48	77	50	53	65	73	89
Transportation and government services	17	17	22	21	25	34	44	27
Payments, total	75	77	102	112	148	181	210	182
Travel	9	12	8	10	9	2	7	7
Commercial services	5	4	26	31	36	44	45	55
Transportation and government services	60	61	69	70	103	135	158	121
Balance, total	-2	21	26	-14	-35	-48	-52	-27
Other Middle East ¹								
Receipts, total	97	115	122	153	169	193	278	265
Travel	32	47	30	47	63	68	81	73
Commercial services	33	39	43	54	54	76	135	136
Transportation and government services	32	30	48	52	52	49	63	55
Payments, total	70	89	109	68	126	134	183	184
Travel	22	39	55	17	24	49	35	50
Commercial services	21	17	14	24	27	42	68	73
Transportation and government services	27	34	39	27	75	44	80	61
Balance, total	27	26	13	85	43	59	95	81

1. Include values not allocated to specific countries in that regions.

Table 17-7

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Central and East Asia

	1995	1996	1997	1998	1999	2000	2001	2002
millions of dollars								
Central and East Asia								
Receipts, total	4,376	4,918	5,465	5,250	5,255	5,916	6,179	5,864
Travel	1,603	1,758	1,733	1,593	1,630	1,983	2,032	2,062
Commercial services	1,437	1,782	2,093	2,126	2,000	1,822	2,028	1,929
Transportation and government services	1,335	1,377	1,639	1,532	1,625	2,112	2,119	1,873
Payments, total	3,842	3,904	4,214	4,371	4,806	5,350	5,854	7,483
Travel	707	899	870	809	799	848	1,105	1,082
Commercial services	1,103	1,199	1,380	1,574	1,793	1,839	2,036	2,848
Transportation and government services	2,032	1,806	1,964	1,988	2,214	2,664	2,713	3,554
Balance, total	533	1,013	1,251	879	449	566	326	-1,619
China								
Receipts, total	399	469	506	546	617	738	804	849
Travel	101	115	137	138	147	192	249	283
Commercial services	189	264	244	268	278	301	307	300
Transportation and government services	108	89	125	140	192	245	249	266
Payments, total	323	400	385	419	393	442	553	765
Travel	113	179	126	136	140	175	205	247
Commercial services	32	46	69	72	72	51	73	73
Transportation and government services	178	175	190	212	181	216	275	445
Balance, total	75	69	121	127	223	296	251	84
Hong Kong, China								
Receipts, total	568	618	648	707	572	756	734	633
Travel	277	279	244	239	196	240	260	256
Commercial services	113	123	148	157	114	139	119	78
Transportation and government services	178	216	256	311	262	377	355	299
Payments, total	768	845	856	774	835	967	944	1,239
Travel	138	182	181	165	140	104	140	151
Commercial services	164	145	171	163	125	95	150	147
Transportation and government services	465	519	505	446	570	768	655	941
Balance, total	-200	-227	-208	-67	-263	-211	-210	-606
India								
Receipts, total	125	173	189	165	207	249	298	290
Travel	40	52	49	48	59	85	74	72
Commercial services	50	87	87	72	93	97	140	152
Transportation and government services	35	35	53	44	55	67	84	67
Payments, total	140	143	162	175	151	168	252	201
Travel	57	56	85	64	62	64	90	91
Commercial services	22	44	36	41	24	36	54	54
Transportation and government services	60	43	41	71	65	67	108	57
Balance, total	-15	30	27	-10	56	81	46	89
Indonesia								
Receipts, total	181	194	211	256	213	201	185	176
Travel	26	23	27	20	24	27	35	36
Commercial services	134	149	160	217	163	144	127	122
Transportation and government services	20	22	24	20	26	31	23	17
Payments, total	66	96	97	105	91	84	121	96
Travel	28	37	35	47	39	34	62	48
Commercial services	27	46	43	44	40	28	28	29
Transportation and government services	10	14	18	13	13	22	30	20
Balance, total	115	98	114	151	121	118	64	79

See footnotes at the end of the table.

Table 17-7 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Central and East Asia

	1995	1996	1997	1998	1999	2000	2001	2002
Japan								
Receipts, total	1,497	1,550	1,592	1,526	1,508	1,869	1,864	1,832
Travel	688	716	669	683	619	731	682	714
Commercial services	256	272	355	395	416	538	557	555
Transportation and government services	553	561	568	448	473	600	626	563
Payments, total	1,122	948	1,170	1,311	1,810	2,068	2,131	2,939
Travel	127	119	139	128	153	189	204	190
Commercial services	438	493	563	813	1,226	1,348	1,425	2,249
Transportation and government services	556	336	468	370	431	530	501	500
Balance, total	375	602	422	215	-303	-198	-267	-1,107
Republic of Korea								
Receipts, total	436	479	494	393	450	558	671	653
Travel	143	195	204	109	146	238	283	269
Commercial services	185	180	190	190	182	149	199	192
Transportation and government services	108	105	101	94	121	171	189	193
Payments, total	307	257	241	181	175	290	216	218
Travel	31	60	60	15	27	28	27	29
Commercial services	145	71	74	66	47	140	78	78
Transportation and government services	130	126	107	100	100	122	111	110
Balance, total	129	222	253	212	276	268	455	435
Malaysia								
Receipts, total	163	226	179	138	180	169	165	173
Travel	47	51	52	40	47	46	55	58
Commercial services	94	156	100	77	111	89	79	83
Transportation and government services	23	19	27	21	21	34	30	32
Payments, total	47	101	101	95	93	116	131	153
Travel	17	41	29	19	17	14	22	31
Commercial services	7	10	8	4	10	17	58	59
Transportation and government services	23	50	64	72	67	85	52	63
Balance, total	117	125	77	43	86	53	33	19
Pakistan								
Receipts, total	51	61	87	99	87	109	115	101
Travel	12	13	16	24	19	25	25	26
Commercial services	29	37	47	56	41	48	52	47
Transportation and government services	10	11	25	20	27	36	38	28
Payments, total	35	34	31	27	25	33	34	25
Travel	4	6	7	4	6	6	9	9
Commercial services	2	3	2	2	1	1	1	1
Transportation and government services	30	25	22	22	17	25	24	16
Balance, total	16	26	56	72	62	77	81	76
Philippines								
Receipts, total	107	130	141	133	122	150	172	159
Travel	23	32	37	32	31	35	51	60
Commercial services	48	56	42	44	31	31	45	47
Transportation and government services	35	42	62	57	60	84	76	53
Payments, total	186	168	167	196	167	238	167	325
Travel	46	39	42	71	51	59	69	81
Commercial services	24	21	25	19	17	15	26	29
Transportation and government services	116	107	100	106	99	165	72	216
Balance, total	-79	-37	-26	-63	-45	-88	4	-166

See footnotes at the end of the table.

Table 17-7 – continued

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Central and East Asia

	1995	1996	1997	1998	1999	2000	2001	2002
Singapore								
Receipts, total	207	212	263	208	204	292	282	223
Travel	35	32	35	32	35	41	38	45
Commercial services	77	76	84	37	34	58	64	53
Transportation and government services	95	104	143	139	135	193	180	124
Payments, total	368	377	421	455	522	481	713	897
Travel	24	40	30	33	42	34	49	24
Commercial services	30	80	99	12	21	27	52	53
Transportation and government services	314	257	292	410	459	420	612	820
Balance, total	-161	-165	-158	-247	-318	-189	-431	-675
Taiwan								
Receipts, total	281	367	486	425	517	523	488	401
Travel	153	192	220	185	253	264	212	166
Commercial services	18	59	105	78	103	87	111	110
Transportation and government services	109	116	162	161	161	172	165	125
Payments, total	148	150	146	182	237	224	295	397
Travel	40	41	34	32	30	28	47	56
Commercial services	12	22	25	36	56	34	50	53
Transportation and government services	96	88	87	114	151	161	198	288
Balance, total	133	217	340	243	280	299	192	4
Thailand								
Receipts, total	90	98	110	119	96	78	128	126
Travel	24	32	18	17	21	24	29	40
Commercial services	42	43	63	79	50	32	78	62
Transportation and government services	24	23	30	22	25	22	20	25
Payments, total	80	103	100	103	95	116	149	127
Travel	55	67	63	54	49	65	98	90
Commercial services	13	16	21	35	28	19	18	8
Transportation and government services	12	20	15	15	17	32	32	29
Balance, total	10	-5	11	16	2	-38	-21	-1
Vietnam								
Receipts, total	14	28	33	31	36	37	39	39
Travel	3	3	5	6	7	8	9	8
Commercial services	7	20	19	18	18	16	17	15
Transportation and government services	5	5	9	7	10	13	13	16
Payments, total	9	17	22	18	25	25	37	37
Travel	7	13	18	14	21	20	32	32
Commercial services	0	1	1	1	1	1	1	1
Transportation and government services	2	3	3	3	3	3	3	3
Balance, total	5	11	12	12	11	12	2	3
Other Central and East Asia ¹								
Receipts, total	257	313	526	505	447	187	236	209
Travel	31	23	22	20	24	29	30	30
Commercial services	194	261	448	438	365	92	134	114
Transportation and government services	33	28	56	47	57	66	72	65
Payments, total	244	266	316	329	187	99	110	62
Travel	19	20	22	28	21	27	51	2
Commercial services	186	201	242	266	126	25	20	15
Transportation and government services	39	44	53	36	40	47	39	45
Balance, total	13	47	211	176	260	88	126	147

1. Include values not allocated to specific countries in that regions.

Table 17-8

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Oceania

	1995	1996	1997	1998	1999	2000	2001	2002
millions of dollars								
Oceania								
Receipts, total	384	440	504	564	591	755	749	790
Travel	183	197	205	201	263	299	313	295
Commercial services	122	167	193	248	199	303	277	291
Transportation and government services	79	76	106	115	129	154	158	203
Payments, total	409	494	570	630	553	534	622	703
Travel	210	261	286	301	295	305	340	367
Commercial services	78	82	144	206	129	108	115	177
Transportation and government services	121	150	140	123	128	121	166	158
Balance, total	-25	-54	-65	-66	38	222	127	88
Australia								
Receipts, total	303	328	382	433	481	629	621	651
Travel	145	157	159	165	216	251	265	240
Commercial services	96	111	143	183	168	252	223	245
Transportation and government services	62	59	79	86	97	125	133	167
Payments, total	307	335	423	473	455	372	421	495
Travel	154	179	202	202	244	200	246	247
Commercial services	67	66	125	183	114	85	89	155
Transportation and government services	86	90	96	88	97	86	86	92
Balance, total	-4	-7	-41	-40	26	257	200	156
New Zealand								
Receipts, total	60	66	81	103	84	90	86	112
Travel	35	37	43	33	45	45	45	53
Commercial services	11	14	14	43	11	20	19	25
Transportation and government services	15	16	24	27	28	25	21	34
Payments, total	90	140	117	114	82	123	186	178
Travel	51	72	67	72	44	73	86	106
Commercial services	7	9	6	11	7	21	23	19
Transportation and government services	33	59	43	32	30	29	77	54
Balance, total	-30	-74	-36	-11	2	-33	-100	-67
Other Oceania ¹								
Receipts, total	20	46	42	27	26	37	42	27
Travel	3	3	3	3	3	3	3	3
Commercial services	16	41	36	22	20	30	35	22
Transportation and government services	2	2	3	2	4	3	4	3
Payments, total	11	19	30	43	16	39	15	30
Travel	6	10	17	27	7	32	8	14
Commercial services	4	8	13	13	8	2	3	3
Transportation and government services	2	1	1	3	1	5	4	13
Balance, total	9	27	12	-16	10	-2	26	-2

1. Include values not allocated to specific countries in that regions.

Table 17-9

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - International institutions and all countries

	1995	1996	1997	1998	1999	2000	2001	2002
	millions of dollars							
International institutions								
Receipts, total	73	64	73	80	75	74	78	79
Travel	0	0	0	0	0	0	0	0
Commercial services	73	64	73	80	75	74	78	79
Transportation and government services	0	0	0	0	0	0	0	0
Payments, total	0	0	0	0	0	0	0	0
Travel	0	0	0	0	0	0	0	0
Commercial services	0	0	0	0	0	0	0	0
Transportation and government services	0	0	0	0	0	0	0	0
Balance, total	73	64	73	80	75	74	78	79
All countries								
Receipts, total	35,797	39,884	43,756	50,222	53,635	59,718	60,726	63,901
Travel	10,818	11,747	12,220	14,019	15,141	15,999	16,414	16,747
Commercial services	16,804	19,357	21,920	25,882	27,482	31,100	32,275	34,599
Transportation and government services	8,172	8,780	9,614	10,323	11,012	12,621	12,037	12,553
Payments, total	45,932	48,960	52,619	56,548	60,273	65,500	67,931	70,802
Travel	14,092	15,352	15,875	16,030	17,091	18,444	18,633	18,333
Commercial services	20,260	22,380	24,659	28,040	30,110	32,367	34,591	37,465
Transportation and government services	11,581	11,227	12,088	12,480	13,070	14,689	14,704	15,004
Balance, total	-10,139	-9,078	-8,864	-6,325	-6,637	-5,781	-7,205	-6,901

Table 17-10

Additional geographic breakouts of international services transactions, summary, 1995 to 2002 - Memorandum items

	1995	1996	1997	1998	1999	2000	2001	2002
	millions of dollars							
Free Trade Area of Americas (FTAA) countries								
Receipts, total	22,080	24,522	27,009	31,545	35,089	39,190	38,805	41,489
Travel	6,377	6,898	7,391	9,086	9,887	10,040	10,507	10,973
Commercial services	11,645	13,042	14,555	16,868	19,088	22,407	21,893	23,703
Transportation and government services	4,058	4,582	5,063	5,591	6,114	6,743	6,405	6,812
Payments, total	30,901	33,835	36,031	38,416	41,507	45,554	45,628	46,494
Travel	10,154	11,126	11,632	11,330	12,164	13,151	12,903	12,456
Commercial services	15,698	17,588	18,738	21,166	23,302	25,774	26,321	27,577
Transportation and government services	5,049	5,121	5,660	5,920	6,041	6,628	6,405	6,461
Balance, total	-8,821	-9,313	-9,022	-6,871	-6,418	-6,363	-6,823	-5,005
Caribbean Common Market (CARICOM) countries								
Receipts, total	840	939	595	798	782	926	970	1,098
Travel	59	70	63	64	91	88	93	115
Commercial services	734	820	477	673	621	771	786	893
Transportation and government services	47	49	55	62	70	68	91	89
Payments, total	1,248	1,250	1,228	1,381	1,327	1,530	1,729	1,850
Travel	139	198	181	192	144	197	192	158
Commercial services	998	945	920	1,055	1,070	1,221	1,423	1,580
Transportation and government services	111	107	127	135	113	112	113	111
Balance, total	-408	-312	-632	-583	-545	-604	-758	-752

Statistical notes

These notes basically follow the structure and content of the latest sources and methods document for the Balance of Payments and International Investment Position.¹ The description of data for services as a whole and its four main accounts are all presented using a common framework:

- (a) concepts, which embrace the coverage or definition of the services being described
- (b) sources of the data,
- (c) methods used in compilation and
- (d) products, in terms first of the data's overall accuracy (quality), and secondly its accessibility - what is available and how often. It should be noted that as of this issue, many series are revised beginning with the reference year 2000.

1. *Canada's Balance of International Payments and International Investment Position, Concepts, Sources, Methods and Products, Balance of Payments Division* (Catalogue no. 67-506-X and 67-506-X. www.statcan.ca/english/services, Statistics Canada, Ottawa, July 2000.

Services

1. Concepts

International transactions in services are a major component of the Current account of the Balance of payments. Services are grouped under four major categories: travel, transportation, commercial services and government services.¹ Such services, together with goods, investment income and current transfers make up the Current account of the Balance of payments (BOP).² The Balance of payments of Canada measures the economic transactions of Canadian residents with the residents of other countries.

Services covers a wide and complex variety of transactions on products that are generally intangible in nature.

Unlike goods, services are not separate entities over which ownership rights can be established. They cannot be traded separately from their production. Services are heterogeneous outputs produced to order and typically consist of changes in the conditions of the consuming units realized by the activities of producers at the demand of the consumers. By the time their production is completed they must have been provided to the consumers.³

Since, by nature, most services are not traded separately from their production, these transactions usually require the simultaneous presence of the producer and the consumer of the services. This simultaneity is not easily realized between countries where distance and political boundaries separate the supplier and client. This largely explains the lower volume of trade in services when compared with goods, where both the seller and buyer of goods remain in their respective domestic economies, while the goods they trade move across the border.

International trade negotiations which extended in recent years to cover services and which have resumed at the World Trade Organization (WTO) have increased the demand to provide detailed breakdowns of service categories as well as data for individual countries. Canadian statistics on crossborder services are produced for over 40 categories based on the international standards initially set out by the International Monetary Fund in 1993 and subsequently extended by the OECD and Eurostat (the statistical arm of the European Union).⁴ This breakdown is based to a significant extent in the Central Product Classification (CPC),⁵ whose main objective "is to provide a framework for international comparison of various kinds of statistics dealing with goods, services and assets."⁶ Since the CPC is also used by trade negotiators to classify services, a formal development of the link between the balance of payments classification and the CPC has various implications for data specification and development, which is driven, in part, by the requirements of the WTO.

The definitions and breakouts now form a key chapter in a new manual on services trade data, approved by the United Nations Statistical Commission in March 2001 for international use.⁷ Some 60 types of services are provided

1. The term "commercial services" is a grouping of convenience in the Canadian series and comprises all other services than travel, transportation and government.
2. For a further description of the Current account statement, please refer to *Descriptions and Definitions in Canada's Balance of International Payments, First Quarter 2004*, Statistics Canada, Catalogue 67-001-X.
3. Eurostat, *International Monetary Fund, Organisation for Economic Co-operation and Development, United Nations and World Bank, System of National Accounts 1993*, (prepared under the auspices of the Inter-Secretariat Working Group on National Accounts, Commission of the European Communities, Brussels/Luxembourg, New York, Paris, Washington, D.C., 1993), paragraph 6.8, 123.
4. In 1996 the services data were converted to international reporting standards in order to improve the comparability of data among countries. The main changes for Canada are described in *Canada's International Transactions in Services, 1994 and 1995*, Statistics Canada, Catalogue 67-203-X.
5. United Nations, *Central Product Classification (CPC) Version 1.0*, Statistical Papers, (Series M, No. 77, 1998).
6. International Monetary Fund, *Balance of Payments Manual*, (Fifth edition, IMF Publication Services, 700 19th Street NW, Washington DC 20431 USA, 1993), paragraphs 521, 146.
7. *Manual on Statistics of International Trade in Services*, United Nations Statistical Office, 2002 for the European Commission, International Monetary Fund, Organization for Economic Cooperation and Development, United Nations Conference on Trade and Development and the World Trade Organization.

for in what is known as the Extended Balance of Payments classification. These breakouts are linked more fully than earlier norms to the UN's Central Product Classification.⁸

Services are largely traded by Canadian business corporations. A small portion is also traded by Canadian governments and their enterprises. Moreover, because Canada's balance of payments does not include a distinct account for labour income as called for by international standards, income from compensation of employees is treated as commercial services as if the employees were self-employed service providers. Data limitations restrict their identification.

Special care needs to be taken in establishing the residency of the Canadian transactors involved for services, since it is not always clear if the services are provided by a resident or by a non-resident entity. For example, if a Canadian company has a subsidiary located in the United States, sales of services by the U.S. subsidiary to clients outside Canada are not to be recorded in Canada's balance of payments statistics, since such sales are considered as non-resident to non-resident transactions and, hence, beyond the balance of payments framework. Although this treatment also applies to goods and other accounts, corporations are often motivated to set up foreign concerns for the sole purpose of trading services. Sales outside the domestic economy are referred to as 'establishment trade' (that is, trade arising from a business established abroad) or 'foreign affiliate trade in services' (FATS).⁹ 'Commercial presence' trade (named after the third of four main channels for supplying services in the multilateral WTO General Agreement on Trade in Services [GATS]) is more narrowly defined, referring only to sales within the host market. The net profits of such foreign subsidiaries accruing to Canada are, however, recorded as direct investment income in the current account. This treatment is in keeping with the balance of payments and other national accounting principles that focus on cross-border activities of Canadian residents.

A full discussion of the concepts and measurement of foreign affiliate trade statistics is also found in the new UN manual on services trade statistics noted above.

2. Sources

Services can take numerous forms and thus entail a wide range of data sources. Significant portions of the data on services, particularly travel and commercial services, are derived from surveys. In addition, 40% of all receipts and about 30% of payments are based directly or indirectly on administrative records. For travel estimates, expenditure factors from survey sources are synthesized with administrative data on the number of travellers; from time to time, administrative data are also used in the verification of travel data. For commercial services and transportation services, survey data are the main source, with annual administrative data used to assess and improve survey results. Administrative data are largely used for government services. Benchmark indicators are used to derive certain service estimates for which current direct measures are not available. Finally, long established reconciliations of current account statistics with the U.S. Bureau of Economic Analysis has now led to some 13% of bilateral services data for Canada being supplied by the United States.

3. Methods

Travel series are compiled by the Culture, Tourism and Centre for Education Statistics Division of Statistics Canada. All other services are compiled by the Balance of Payments Division drawing on diverse surveys and other sources from within and outside the Division. Details follow in the sections below for each major services account.

8. For a fuller discussion of these linkages please refer to Hugh Henderson, *A Canadian Perspective of Linking Services Categories of the World Trade Organization and Balance of Payments Compilers*, (lecture first presented at the Tenth Meeting of the International Monetary Fund Committee on Balance of Payment Statistics, Washington, D.C., Statistics Canada, Ottawa, October 1997). An updated version was presented at Statistics Canada, Economic Conference 2000, May 2000 under the title, *On Building Bridges, A Canadian Perspective of Linking Services Categories of the World Trade Organization and the Balance of Payments Compilers*.

9. For an illustration see Colleen Cardillo, *Foreign Sales of Canadian Enterprises*, (unpublished research paper, Statistics Canada, Ottawa, 1997).

4. Products

4.1 Data accuracy and quality

The quality of the data varies, from reliable in the case of commercial and government services to acceptable in the case of travel and transportation series. (For each of the accounts, a qualitative indicator has been adopted: most reliable, reliable and acceptable. By its very nature, this assessment is subjective in that it represents the professional judgement of statisticians as to the degree of error and bias, taking into account the available sources of information and the methodology used).

4.2 Data accessibility

The quarterly and annual series on commercial services are published as total receipts, payments and balances in the quarterly publication Canada's Balance of International Payments (available in electronic format on the Internet) and in CANSIM.

In the present annual publication Canada's International Trade in Services (available in electronic format on the Internet) and in CANSIM, the annual series for services are published for the six geographical groupings: United States, United Kingdom, Other European Union, Japan, Other OECD and Other Countries. The annual services series are broken down among four major categories of services: travel, transportation, commercial and government, with a maximum detail of 42 categories for all countries in total.

Total services are available for 59 countries (from 1990 through 2002 on CANSIM), as well as for 19 global trading areas. Each country and area has a breakout of travel; commercial services; and transportation and government services combined.

The total for all services is also summarized by country and broad geographic regions of the world in Table 17-1 of this publication. In the past, the listing of world areas largely paralleled those in the presentation of trade data on goods on a customs basis, with which many users are already familiar. User preferences and the development of partner country compilations at the Organization for Economic Cooperation and Development however, have led to some modifications of geographic zones to align more closely with actual continental boundaries. For example Turkey and Egypt have been respectively shifted to Europe and Africa so that the Middle East region pertains only to Asia. The Antilles designates the Caribbean islands and Bermuda separately from Central America. Three OECD countries in eastern Europe together with Iceland are a sub grouping of Europe, and the Maghreb countries are a subgrouping of continental Africa. An estimate of the CARICOM countries joins the FTAA as a memorandum item.

The great majority of detail is published separately for the United States as well. Starting with the 1997 edition of this publication, a quarterly breakout with sub-series under travel, transportation and commercial services was introduced from 1995 onward, both on a raw and seasonally adjusted basis. Quarterly travel data is broken down into two sub-categories, transportation into three, and commercial services into 14 components.

Travel

1. Concepts

In conformity with international standards, travel covers purchases of goods and services by the following:

- persons travelling in another country for less than one year;
- persons travelling in another country for one year or more for medical or educational purposes;
- seasonal and border workers working in another country (cross-border workers); and
- crews of airplanes, ships, trucks or trains stopping off or laying over in another country.

Purchases of goods and services consist of expenditures for food, lodging, recreation, gifts and other incidentals, as well as local transportation purchased in the country of travel.

Travel excludes passenger fares for international travel, which are included in transportation. It also excludes spending of diplomats and military personnel on posting in host countries. Such personnel remain residents of their home countries, and their spending in the host countries is included in government services. However, visits in the interim, whether on leave or on official business, are considered part of travel.

In Canadian statistics, an exception to international standards is cruise fares, which are excluded from travel and, instead, are classified in transportation. Furthermore, though Canadian travel statistics include the personal expenditures of cross-border workers in business travel, such expenses are not separately identified, as called for by international standards.

Travel is subdivided into travel for business reasons and travel for personal reasons, an important distinction for the System of National Accounts.

Expenditures by business travellers are part of the intermediate consumption of producers, whereas expenditures by other travellers on personal trips are part of household final consumption expenditures. In order to calculate final consumption expenditures of resident households from the expenditure made by all households, both resident and non-resident, within the domestic market, it is necessary to add direct purchases abroad by residents and to subtract direct purchases in the domestic market by non-residents.¹

1.1 Business travel

Business travel covers the expenditures of travellers visiting another economy for business reasons—such as sales, marketing or commercial negotiations—and extends to expenditures by carrier crews stopping off or laying over, and employees of government and international organizations on official business. Business travel also covers expenditures by crossborder workers, but as mentioned above, insufficient data bar their identification as such in the Canadian statistics.² Business travel, like personal travel below, includes spending on goods for personal use as well as for accommodation, food, recreation and local transport.

1. Eurostat, *International Monetary Fund, Organisation for Economic Co-operation and Development, United Nations and World Bank, System of National Accounts 1993*, (prepared under the auspices of the Inter-Secretariat Working Group on National Accounts, Commission of the European Communities, Brussels/Luxembourg, New York, Paris, Washington, D.C., 1993), paragraph 14.111, p. 334.

2. Limited provision for the income as opposed to spending of cross-border workers is included in miscellaneous commercial services, where they are treated as units of own-account labour, instead of labour income, as called for by international standards.

1.2 Personal travel

Personal travel covers travel for health, education and other personal reasons. This includes travel expenses of employees of international organizations when they travel outside their country of residence for personal reasons.

1.2.1 Health-related travel

In theory, health-related travel refers to all expenditures in another country by medical patients. Persons accompanying or visiting such patients may also indicate the purpose of their travel as health-related. Two types of health-related services are covered in Canadian data: those by hospitals and those provided by physicians' offices. The out-of-pocket expenditures on goods and services by persons travelling for health-related purposes should also be included here, but Canadian statistics record these expenditures in other personal travel, due to data limitations.

1.2.2 Education-related travel

Again in theory, education-related travel should include all expenditures in another country by students. But for practical reasons, Canadian statistics include only outlays of post-secondary students; that is, only outlays on full-time university and college programs, which generally extend over more than one year, are included. Recorded outlays include all expenditures by post-secondary students studying abroad—that is, expenditures for tuition fees and course materials, together with accommodation and general living expenses. Except as incidentally covered in other personal travel, spending for primary and secondary schooling remains to be estimated in Canadian statistics. Certain further expenditures on institutional education (such as for personal interest courses) also remain in other personal travel because of data limitations.

The fact that travel outlays are collected from the consumer rather than the supplier (see section 4.1) sets up a potential duplication between, for example, the foreign visitors' spending on a commercial training course, and the same course reportable as earnings from abroad by the Canadian supplier. Historical response rates for the travel series, however, have made it difficult to establish that non-institutional education services as such would be extensively represented. All receipts and payments reported as commercial education in miscellaneous business services are accordingly included in the commercial services account. Self-employed earnings by instructors are outside the scope of travel, and are not surveyed in any case.

1.2.3 Other personal travel

Other personal travel includes outlays for leisure travel, including participation in sports, artistic, cultural or recreational events. Spending on visits with relatives and friends and for religious purposes is also included here. As previously discussed, other personal travel also includes some expenditures on health and education that cannot be identified separately, for example, expenditures on full-time programs of less than a year as well as some spending by international students at elementary and secondary school levels.

2. Data sources

The Culture, Tourism and Centre for Education Statistics Division of Statistics Canada compiles the basic Canadian travel statistics. These statistics are derived from a combination of census data and sample counts of travellers crossing the border, coupled with sample surveys used to collect specific information from travellers, including their expenditures and main purpose of visit (business or personal).³

The Canada Customs and Revenue Agency collects information on the number of crossings at frontier ports and distributes the travel survey questionnaires. The frontier count is made by categories, based on mode of transportation (including, in the case of highway and ferry points, cars, trucks, motorcycles and bicycles). Complete counts are taken at all but seven points of entry where automobile, motorcycle and bicycle flows are estimated from samples. The questionnaires that collect the travel expenditure data are distributed according to

3. Publications by Culture, Tourism and Centre for Education Statistics Division provide additional descriptions of the sources, methods and quality of the travel series. For example, see Statistics Canada, *International Travel, 2003* (Catalogue no. 66-201-X, January 2005).

pre-arranged schedules to non-resident⁴ travellers upon entry to Canada, or to residents of Canada upon their return from travel abroad. Completion of the questionnaires is voluntary and travellers are asked to mail their completed questionnaires directly to Statistics Canada. Beginning with the reference year 2000 a new air exit survey introduced on site interviews for overseas travel at eight key airports.

In business travel, estimates of spending by crews (of airplanes, ships, boats, trains and trucks) are calculated by the Culture, Tourism and Centre for Education Statistics Division.

Historical series and recent extensions to coverage of health-related travel were developed by the Culture, Tourism and Centre for Education Statistics Division and the Balance of Payments Division. The receipts data for health consist of foreign spending for hospital services in Canada, as recorded from the annual hospital survey of the Canadian Institute for Health Information, with projections for recent years where survey results are not yet available. Recent estimates for physician services linked to U.S. data on the payments side were introduced with the 1995 reference year.

The series on health-related payments was largely limited to hospital and physician charges as paid under provincial health plans for Canadian residents travelling abroad. Starting in 1995, access to U.S. sources has enabled a fuller estimate covering payments beyond provincial health plans at major medical centres and university hospitals.

On the receipts side of the education series, the Culture, Tourism and Centre for Education Statistics Division produces the estimates by combining the time series on the number of students with average tuition and adding estimates of other expenditure. For expenditures of Canadian students in the United States, the data have been supplied by the U.S. Bureau of Economic Analysis from 1981 onward and were linked with balance of payments data for prior years. Data on student expenditures overseas are updated by the Culture, Tourism and Centre for Education Statistics Division to incorporate volume and expenditure estimates.

In recent years, lags in enrolment data have increased the scope for revision. A re-estimation since 1995 of foreign students studying in Canada has been made by the Culture, Tourism and the Centre for Education Statistics Division and linked at 1998. The revisions incorporate a more current estimate of the number of full time university students and the spending per student. The effect of these changes and changes in the air travel series are noted in the Annual Revisions section of 67-001, First Quarter 2004.

3. Methods

The Culture, Tourism and Centre for Education Statistics Division processes the monthly data on counts of travellers and the quarterly expenditure factors, and provides the spending results to the Balance of Payments Division. The latter division seasonally adjusts the quarterly travel expenditures.

3.1 General methodology

Specific methodology is described in the Culture, Tourism and Centre for Education Statistics Division publication, *International Travel*, which is released annually.

3.2 Extended geographical breakouts

Six geographical areas have long been the basis for balance of payments presentations—the United States, the United Kingdom, Other European Union, Japan, Other OECD and Other Countries. This presentation is still used for sub-annual and detailed presentations on services and continues to serve well, as the three countries identified separately often comprise a significant share of total services trade. In 2000, the present publication expanded the geographical breakout of total travel receipts and payments.

For basic travel spending (covering some 80% of all travel outlays), estimates by country are available directly from the international travel survey. The other 20% of travel expenditures are not available for all individual countries and have to be allocated to countries within the three standard country groupings. Health-related transactions are

4. Prior to 1990, questionnaires for United States travellers visiting Canada were distributed to American residents on returning to their country by U.S. Customs officials. The questionnaires were processed by the U.S. Department of Commerce and the results were sent to Statistics Canada.

allocated by basic travel spending in proportion to the travel undertaken. Travel specifically for obtaining medical treatment is taken as occurring largely with the United States, for which there is an existing estimate.

Education-related receipts are proportioned by the number of foreign students; this information is collected from administrative sources. Note, however, that fees and living costs in Canada are not specific to a student's country of residency. Payments are estimated according to UNESCO data on the number of Canadian students who study abroad. The relative cost of living overseas is also taken into account, based on indexes developed by the Prices Division of Statistics Canada. Spending by foreign crews is dominated by airplane crew spending. The expenditures of foreign air crews is distributed by the supporting service outlays made by foreign airlines serving Canada (captured by a Balance of payments survey) and, in the case of payments, by the number of outward flights to first-stop destinations by Canadian carriers. The latter information is supplied to the Culture, Tourism and Centre for Education Statistics Division by the Transportation Division.

4. Products

4.1 Data accuracy

The data accuracy on travel is acceptable. The counts of travellers are most reliable, while the response rates for the questionnaire on expenditure factors and other characteristics have remained low. It should be noted that earlier validation work included a prominent component of expenditures by Canadian travellers abroad—namely spending on goods. This was estimated for 1990 and 1991 through analysis of related administrative data.⁵

With the data releases of the first quarter 2002, the coverage of spending by travellers moving through key airports has been raised as a result of new survey methodology and sample adjustment by the Culture, Tourism and Centre for Education Statistics Division. Response for overseas travel stood at 93% for 2000 and at 96% for the year 2001 and geographic patterns have been made more reliable. In co-operation with the Balance of Payments Division, CTCES produced link estimates to the latest unrevised year, 1997 and preliminary estimates for 2000 and 2001. Final estimates for 2000 and 2001 have been reported by CTCES in August 2002. With the first quarter 2003 release of Balance of Payments data, final data for 2001 and 2002 have been included and a new link with the most recent unrevised year (1998) was made again.

Some breaks in the data in the mid-1990s result from additional coverage of receipts and payments for health-related travel.

Unlike most goods and services, travel is collected on the basis of spending by the consumer, as opposed to being represented by sales of the provider. This approach to travel, set out in international standards, best ensures maximum coverage for balance of payments reporting. Whereas most trade data are presented on a commodity basis, travel includes both goods and services. Therefore commodity expenditures are not identified separately in the balance of payments statements.

4.2 Data accessibility

The quarterly and annual series on travel are published as total receipts, payments and balances in Canada's Balance of International Payments, quarterly (available in print and in electronic format on the Internet) and in CANSIM.

The series on travel are published in the present annual publication Canada's International Trade in Services, (also available in both print and electronic versions) and in CANSIM for the six geographical groupings: United States, United Kingdom, Other European Union, Japan, Other OECD and Other Countries. Additional quarterly and annual details are published for business and personal travel.⁶ Business travel is further identified between crew spending and other business travel. Personal travel is further broken down between health, education and other travel.

5. *Statistics Canada, International Travel, 2000 (Catalogue no. 66-201-X, November, 2001). See Statistics Canada, Cross-Border Shopping-Trends and Measurement Issues, (National Accounts and Environment Division, Statistics Canada, Technical Series, no. 21, January 1991).*

6. *Beginning with the 1997 edition of this publication, a quarterly breakout of travel into business and personal travel spending was introduced from 1995 on a raw and seasonally adjusted basis.*

A detailed geographic breakout for trading partners other than the United States, United Kingdom and Japan shows an annual time series of travel on a total basis from 1990-that is, inclusive of health, education and crew spending. These detailed breakouts began with the 1998 edition of Canada's International Trade in Services, and are also published in CANSIM.

The Statistics Canada Culture, Tourism and Centre for Education Statistics Division publishes separate monthly, quarterly and annual releases on the outlays and other characteristics of travellers, for example through its annual release, International Travel.

Transportation services

1. Concepts

Transportation covers international revenues (receipts) and expenses (payments) arising from the transportation of goods and of cross-border travellers, as well as from supporting services related to transportation.

The convention of valuing goods trade at the customs frontier of the exporting country affects the measurement of transportation, especially for overland forms of transportation. (For air and ocean carriers, the point of departure and the customs frontier are generally coincident.) For overland forms of transportation, the transportation services from the plant to the border will give rise to an entry in the transportation account of the balance of payments if the carrier is a non-resident of that country. Likewise, if a non-resident carrier provides the overland transportation service from the customs frontier to the destination, there will be an entry in the transportation account.

Canadian practice generally conforms to international standards, except for the following transactions, which are under transportation in Canadian statistics but which international standards identify in other classes:

- cruise fares (international standards include these in travel);
- ship stores, which are not separately identified from port expenditures (international standards include these in goods);
- rentals without crews, which are not separately identified from charters with crews (international standards include these with equipment rentals in commercial services); and
- freight insurance, which is not separately identified from freight charges (international standards include this with insurance services in commercial services).

In 2002, a reclassification of certain support services to air transport was made from commercial services. The shift to the transportation account beginning with 1998 brings treatment into line with current international standards.

The international standards that call for a breakout by mode of transportation are not fully followed in Canada in the case of ocean transportation. For reasons of both confidentiality and quality, Canadian statistics combine ocean transport with that by inland waterway. International standards call for transport by inland waterway to be recorded as part of other transportation.

1.1 Receipts

Canadian transportation receipts cover passenger revenues of Canadian carriers (the majority of which are airlines) from cross-border fares purchased by foreign travellers, and freight revenues earned from non-residents by Canadian carriers for transporting the following:

- Canadian exports beyond the borders of Canada;
- Canadian imports to the Canadian border; and
- foreign-owned goods both in transit through Canada and between foreign ports.

Revenues earned by Canadian residents chartering vessels to non-residents are also included, as well as those earned by Canadian residents providing port services in Canada to foreign air and shipping carriers.

1.2 Payments

Conversely, Canadian transportation payments cover cross-border passenger fares purchased by Canadian travellers from non-resident carriers (again, mainly airlines), and freight expenses incurred with nonresident carriers for transporting the following:

- Canadian imports from the Canadian border;
- Canadian exports to the Canadian border; and
- Canadian-owned goods between foreign ports.

Expenditures of Canadian residents chartering vessels from non-residents are also included, as well as those of Canadian carriers acquiring port services abroad, largely for air- and water-borne transport, are also included.

1.3 Exclusions from transportation

Transportation, as defined in the international standards, excludes the following transactions:

- revenues earned for transporting non-resident travellers once in the domestic economy (part of travel);
- major repairs and refits of ships and aircraft, which are included in goods;
- repairs to infrastructure (for example, to harbours and runways), which are included with construction services;
- time charters; and
- financial leases, which are treated as both financial transactions and goods.

1.4 Cross-border trucking

The treatment of goods and inland transportation services is interdependent because goods transactions are valued at the customs border of the exporting country. The residency of the truck carriers and the location where transport is provided determine the entries for cross-border trucking services in the transportation account. Services provided by Canadian domiciled truckers beyond the Canadian border are recorded as transportation receipts whereas services provided by U.S. domiciled trucks within the Canadian border are treated as transportation payments.

2. Data sources

2.1 Passenger fares

The Culture, Tourism and Center for Education Statistics Division estimates passenger fare receipts and expenditures. The monthly data on air travellers, provided by Canada Customs and Revenue Agency, are combined with estimates of average passenger fares, obtained from the quarterly sample survey of travellers.

2.2 Transportation of goods

Transportation of goods by truck beyond the exporting country-which constitutes by far the largest component of the transportation account-is derived from customs documentation compiled by the International Trade Division for payments and by the U.S. Census Bureau for receipts. The components for earnings of Canadian truckers for the carriage of goods in the United States, as well as for expenses paid to U.S. truckers for transporting goods in Canada, are obtained from the U.S. Bureau of Economic Analysis (BEA). The BEA incorporates freight data from the customs data compiled by the International Trade Division of Statistics Canada.

The other transportation components are derived from five annual surveys conducted by Statistics Canada's Balance of Payments Division:

- Great Lakes-St. Lawrence Seaway Shipping Transactions-BP-20;

- Report of Cargo, Earnings and Expenses of Ocean Vessels Operated by Non-resident Companies-BP-24;
- Report of Cargo, Earnings and Expenses of Ocean Vessels Operated by Canadian Companies-BP-25;
- Report on Imports of Crude Petroleum and Petroleum Products and Other Shipping Operations-BP-26; and
- Transactions of Foreign Airlines with Residents of Canada-BP-58.

The mailing lists for these surveys are updated based on the Canadian Transportation Guide, Canadian Logistics, published annually by the Canadian Maritime Industries Association. This guide lists all companies engaged in the Canadian transport industry by sector, that is, by sea, air, land and rail. The mailing list is supplemented by information gathered from media coverage. For the surveys of shipping companies, the mailing list is further compared with information on shipping companies kept by the Transportation Division of Statistics Canada.

3. Methods

3.1 General methodology

The Culture, Tourism and Centre for Education Statistics Division compiles the data on passenger fares.

The Balance of Payments Division compiles the remaining information on transportation as follows.

For estimates of trucking freight beyond the Canadian/ American border, most components of the calculation are taken from the U.S. Bureau of Economic Analysis, whose basic methodology is followed for this series.¹ Beginning with the reference year 1987, the earnings by Canadian-domiciled truckers comprise the freight for carrying exports within the United States to the U.S. destination and the freight for carrying goods from U.S. suppliers within the United States up to the U.S.- Canadian frontier. (Freight on the latter Canadian imports for the remaining journey within Canada is classified as a resident-to-resident transaction, outside the scope of balance of payments.)

In the opposite direction, since 1981, the payments made to U.S.-domiciled truckers have included the payments made for carrying imports within Canada from the Canadian border to their destination in Canada, as well as the payments to carry Canadian exports in Canada up to the Canadian border.

For the surveys, where regular follow-ups do not produce sufficient data, amounts are imputed based on prior responses and available external information. The survey results are often combined with other sources. For example, in the 1997 historical series, the methodology was adapted to increase the coverage of global payments abroad for the transport by sea of imports. The basic survey of non-oil imports was closely re-edited to calculate unit values. The unit values were then multiplied by international shipping tonnage unloaded at Canadian ports as compiled by the Transportation Division of Statistics Canada. The tonnage activity is largely handled by non-resident carriers.

3.2 Extended geographical breakouts

Some larger series in the transportation sector are regularly reported for a range of individual countries at source, such as international passenger fares from the travel survey and the port expenditures in Canada reported by individual foreign airlines. In other instances, such as cross-border trucking earnings or smaller series on earnings from in-transit movements, no special allocation is required as they occur only with the United States.

Otherwise, statistics for the United States, Japan, United Kingdom, Other European Union, Other OECD and Other Countries are collected at source, or through other established estimates. Earnings of Canadian-operated shipping on outward cargo are allocated to individual countries in the last three partner trading blocks according to volumes loaded for specific countries based on data from the Transportation Division. Other large series, such as freight payments to vessels operated by non-resident interests or charters, cannot suitably be estimated only according to cargo volumes unloaded or by waterborne import values. What is relevant in these cases is the shipping interests

1. A description of the U.S. treatment appears on page 70 of the June 1, 1995 issue of the U.S. Department of Commerce publication, *Survey of Current Business*.

that paid for the service rather than the origin of the cargo. In such a case, a typical allocator used is the shipping tonnage by country of domicile, including the portion of openregistry shipping managed by each country (tabulations from United Nations Conference on Trade and Development [UNCTAD]).

4. Products

4.1 Data accuracy

Data accuracy is acceptable.

The structure of Canada's transportation services account has undergone substantial change over the years. The pattern of trade in goods plays a preponderant role in the transportation account. A large portion of Canada's trade in goods is now with the United States, which in turn leads to more transportation inland, and the attendant difficulties of measuring inland freight. There are major difficulties in delineating transportation services on the basis of the residency of the carriers, especially for trucking. For example, in the estimation of cross-border trucking, the northbound freight on goods used by the U.S. Bureau of Economic Analysis is supplied by the International Trade Division from Canadian customs records, which show the whole journey rather than only inland freight to the border. This whole journey measure is useful for the series in question, but within this, the shares by domiciled carriers are difficult to discern.

In the past, a higher percentage of trade was with overseas countries. The carriage of Canada's trade by ships under Canadian registry has declined considerably in the postwar period. The fact that Canada's foreign trade is now carried to a larger extent by foreign-operated carriers has led to methods such as the unit valuation (see section 3.1) to raise coverage when less than complete information is available at source.

In addition, since deregulation of air services in the late 1980s, reporting has been less than complete for air freight receipts and on payments for supporting landside services, especially geographic breakouts. The extensive detailed annual reconciliation on current account transactions, which is conducted with the U.S. Bureau of Economic Analysis, assists in the data estimation process as well as in validation.² Certain payments on bilateral air freight and landside services benefit from U.S. estimates, reflecting incomplete information obtained from the Canadian source.

Water and air transportation is derived from a number of small customized BOP surveys conducted annually (the coverage ranging from 7 to 47 firms, depending on the survey). Response rates on four vessel surveys for 2002 averaged 61%, while a survey of 55 foreign airlines serving Canada showed a response rate of 65%.

4.2 Data accessibility

The quarterly and annual series on transportation covering total receipts, payments and balances are published in the quarterly Canada's Balance of International Payments (available in print and in electronic format on the Internet) and in CANSIM.

The annual transportation series are also published in the present annual publication Canada's International Trade in Services (available in print and in electronic format on the Internet) and in CANSIM with breakdowns for the six geographic groupings: United States, United Kingdom, Other European Union, Japan, Other OECD and Other Countries. This publication also has transport series by major mode: water, air, land and other transport. Air transport, land transport and other transport are in turn divided on an annual basis between passenger services and freight and auxiliary services. Water transport, which combines ocean freight and inland waterway transportation, is broken down annually by freight and auxiliary services. Beginning with the 1998 issue, annual totals for transportation are also available (with a year's lag) for a wide range of individual countries from 1990 onward. These series are published in combination with government services, which are very small by comparison. Estimates showing transportation separately can be made available on enquiry.

2. "Reconciliation of the Canada-United States Current Account," in Statistics Canada, *Canada's Balance of International Payments, Third Quarter, 2004* (Catalogue no. 67-001-X).

Commercial services

1. Concepts

Concepts underlying these data reflect those for services generally. Prominent among cross-border services are those described in Canadian statistics as commercial services.¹

Specific breakouts are described below.

Particulars as to provenance and accuracy are noted as part of this section, with a general overview taken up in the section that follows. The following main categories are all published. In addition, subcategories that are published separately in the tabular section of Canada's International Trade in Services are in italics.²

1.1 Communication services

Communication services covers

- postal and courier services: the pick-up, transport and delivery of letters, other printed matter, parcels and packages, together with postal outlet services; and
- telecommunications services: 'basic' services such as telephone, telex, data and facsimile transmission; and 'enhanced' or 'value-added' services such as e-mail, electronic data interchange (EDI) or teleconferencing.

Included are charges to and from abroad by public carriers and interconnected suppliers for the use of facilities that teletransport client information, together, as a matter of practicality, with fees for related consulting and facilities management reported at source. Charges for the use and management of private facilities (non-public carriers) for teletransporting client information to and from abroad are included and carriage of third party or transit services are also covered. The value of the subject matter teletransported is excluded where possible. Lastly it is noted that limited coverage of internet access provision and enabling services for the internet are presently assigned to Information services below.

There is no separation of postal and courier data for reasons of confidentiality.

Data are derived from the annual survey of international transactions in services and from specific information supplied by industry participants.

1.2 Construction services

Construction services covers the erection of structures, structural repairs, installation, refurbishing, special trades, demolition and site work. Service suppliers are asked to estimate the construction portion in the case of a turnkey project, or to judge where to assign its entire value between, for example, construction and the architectural and engineering services category. Rentals of construction equipment are excluded, appearing instead with equipment rentals (see section 1.8).

According to international standards, goods supplied directly to or from Canada should be recorded with construction services. However, such goods are left with the trade in goods in Canadian statistics and, to the extent that they may be also reported in surveys of construction services, there will be duplication in the goods and services accounts.

1. As noted earlier, 'commercial services' is a term of convenience used in Canadian statistical presentations to summarize services other than travel, transportation and government. The term is also used by the World Trade Organization to refer to services other than government. Technically it would be more accurate for the Canadian term to read 'other services.' It seemed, however, that a description containing 'other' would indicate that this major block of trade was a residual class that is not correct for most of its subcategories.

2. In 1996 and in 1997, the services data, notably commercial services, were restated according to the 1993 international standards. For more detail, please refer to Hugh Henderson, *Implementation in Canada of the International Standards for Services Trade-On with the Fifth*, (Research Paper No. 13, Balance of Payments Division, (67F0001MIB97013), <http://www.statcan.ca/english/services>, Statistics Canada, Ottawa, 1997).

Furthermore, the Canadian expenditures related to revenues of construction services, such as expenditures for local supplies, are classified as construction payments in Canadian statistics. This treatment aligns with that recently adopted by the new UN manual on services trade statistics.

Projects extending beyond a year are still classified as cross-border services, unless the service suppliers themselves have established foreign enterprises. In other words, in Canadian statistics, regardless of the length of the contract, construction is classified as cross-border construction services if the suppliers record them as such in their books, or as direct investment if the suppliers set up foreign enterprises to manage their construction activities. This approach differs from international standards, which typically treat site offices as direct investment:

Construction involving major specific projects that often take several years to complete, are carried out and managed by non-resident enterprises through unincorporated site offices. In most instances, site offices will meet the criteria that require site office production to be treated as the production of a resident unit and as part of the production of the host economy rather than as an export of services to that economy.³

Construction was surveyed as a separate category for the first time in 1995. From 1990 to 1994, a proportion of results from selected survey returns in a previous broad grouping on consulting and other professional services was used. Construction activity prior to 1990 is included with the category architectural, engineering and other technical services (see section 1.12).

1.3 Insurance services

Insurance services covers the provision of various types of insurance to non-residents by resident insurance companies and vice versa. Broker and agency commissions related to insurance are included.

Data cover life insurance, pension and annuity services, as well as other direct insurance. Compulsory social security services are excluded. Other direct insurance covers private sector accident and health, property, casualty and other liability risks, such as financial or vehicular. Reinsurance, or the subcontracting of risk, is also included. No separate category is attempted for freight insurance. Some elements may be indistinguishably included with other direct insurance and/or be embedded in the valuation of freight charges shown as goods or with transportation services. No explicit provisions are made for some auxiliary services, such as claims adjustment and salvage administration.

The Canadian statistics are shown on the basis of gross premiums and claims, a departure from international standards.⁴ Receipts are the sum of premiums received by Canadian residents from abroad and claims paid to clients in Canada by non-resident insurers. Payments for their part are the sum of claims paid abroad by insurers resident in Canada, and premiums paid to outside insurers by policyholders in Canada. From 1990, the annual insurance series are subdivided into four subcategories:

Primary life and non-life represents the premiums and claims of insurance carriers. The largest majority of international transactions are by far non-life in nature. Health and term life insurance are not excluded, although this is called for by international standards. However, compulsory social insurance transactions are excluded. Finally, no distinguishable component of freight has been identified in non-life insurance, although this is called for by international standards.

Reinsurance-life covers subcontracted risk on life insurance in return for a proportional share of the premium income.

Reinsurance-non-life, as a further significant set of international insurance transactions, covers other subcontracted risk, often to specialized operators.

Insurance commissions covers commissions by brokers and agencies and commissions identified by carriers.

Data for insurance companies are obtained annually from Balance of Payments Division surveys of Canadian and foreign insurers in Canada, supplemented by the annual survey of international transactions in services, and a small

3. *International Monetary Fund, Balance of Payments Manual, (Fifth edition, IMF Publication Services, 700 19th Street NW, Washington DC 20431 USA, 1993), paragraph 78, 23.*

4. *The international standards call for a rearrangement of gross premiums and claims data into two separate components. The first is a service charge (premiums earned less claims expensed) that would be entered as the insurance service. The other component, which is the difference between gross premiums and the service charge plus claims payable, would be entered in the case of life insurance under other investment of the financial account, and for non-life insurance under transfers in the current account.*

annual survey of Canadian insurance brokers. In addition, data from the U.S. Bureau of Economic Analysis on crossborder insurance are also used-especially for insurance of Canadian resident individuals with U.S. insurance companies-as it is difficult from a Canadian viewpoint to measure activities of resident individuals.

1.4 Other financial services

Other financial services covers financial intermediary and auxiliary services (except those of insurance enterprises and pension funds) conducted between residents and non-residents. These include the following:

- commissions and other fees related to transactions in securities-the majority of services in this category- including brokerage, placement of issues, underwriting, redemption and arrangement of swaps, options and other hedging instruments;
- commissions of commodity futures traders, as well as service fees related to asset management,
- financial market operational and regulatory services, security custody services, and so on;
- intermediary service fees, such as those associated with letters of credit, bankers' acceptance, lines of credit and financial leasing; and
- commitment fees associated with undrawn balances under standby or extended credit arrangements.

Fees associated with foreign exchange transactions, as well as financial services rendered by means of foreign-correspondent banking, are not currently measured. Financial intermediary services indirectly measured (FISIM) are also excluded; these are classified indistinguishably with investment income both here and under International Monetary Fund standards. However, estimates of FISIM are included in the non-resident sector in the other components of the Canadian System of National Accounts.

Prior to 1986, the data mainly cover commissions paid on new Canadian securities issued abroad. Beginning in 1986, the data also include the following:

- fees and commissions paid or received on trade in outstanding securities with non-residents;
- banking services (embedded in investment income transactions prior to 1986);
- provisions for services related to guarantees and letters of credit, funds transfers, collection fees, credit card transactions, interoffice and interbank charges (some from U.S. sources); and
- trust company fees that were shown under management and administrative services prior to 1986.

Commissions on new issues are largely derived by applying a percentage against the proceeds from new issues. The percentages used are checked from time to time against prospectuses. Fees on trade in outstanding securities are derived from gross trading data coupled with certain rate factors based on discussions with the industry, and some extensions made to cover certain management and listing fees payable abroad. Rates were recomputed in 1998 and significantly lowered both receipts and payments shown from 1994. Estimates include commissions on trading in commodity futures.

The remaining fees and commissions are derived from both corporate⁵ and regulatory sources, supplemented by the annual survey of international transactions in services and by some U.S. survey sources that are believed to be more comprehensive. Estimates of service fees with the International Monetary Fund are based on administrative records.

5. For example, to cover transactions arising from demutualization of life insurance carriers.

1.5 Computer and information services

Computer services covers the design, engineering and management of computer systems (exclusive of the value of hardware). Also covered is the development and production of original software (including operating software). Beginning with the reference year 1996, the physical exports of prepackaged software units for general commercial or personal use are excluded. These exports are part of goods, but had been included in services for the years prior to 1996 to ensure sufficient valuation in the goods and services account. Computer processing services as well as equipment maintenance and repair are covered here. The category also includes consulting and training related to the provision of computer services. Computer services may be sold or licensed, specifically including fees for the right to replicate, distribute or otherwise use software, whether custom or prepackaged; these transactions are shown for the most part with software and other royalties (see section 1.6).

Information services covers online information retrieval services, including database services (the development of subject matter through to storage and dissemination) and computer-assisted document searches and retrievals; news agency services (such as syndicated reporting services to the media). If database charges are separable from related telecommunications charges, they are reported here for convenience. Because of data limitations, direct subscriptions to newspapers and periodicals are covered as part of mail imports in goods rather than with information services, as called for by international standards.

Data on computer services are based on the annual survey of international transactions in services, which covers receipts from a range of companies not primarily providing computer services, together with payments by a wide spectrum of companies acquiring these services. To this are added receipts by major computer industry firms surveyed by the Services Division of Statistics Canada. A further amount, which is based on U.S. survey sources, serves to extend coverage on payments.

Measurement of the computer services category, as it has attempted to reflect conditions of rapid technological change, has inevitably brought a number of challenges. Indeed, efforts to measure rapid technological change have resulted in some series breaks. Computer services were not captured separately, until 1981- and not annually, until 1983 - and were intermingled with other categories, including goods. Since 1990, software royalties are assigned to Royalties and licence fees. Beginning with 1996, customs values for custom software already recorded in imports of goods is removed from goods through a balance of payments adjustment to avoid its duplication with services.

Limited coverage of internet access provision and enabling services for the internet are presently assigned to Information services.

The treatment of software continues to present difficulty. A particularly difficult issue has remained the estimation of prepackaged software exports. In recent years, it has been widely agreed that retail software is appropriately classified as goods, in much the same way as retail copies of books, magazines or music CDs. Recent research, comparing detailed records for prepackaged software from both goods and services survey sources, has enabled an approximation of the goods portion residing in the service exports. While some undervaluation in goods on a customs basis seems to remain, the higher results from recent service surveys appear mainly due to revenues for multiple usage by foreign clients of copies passing through customs, often at an appropriate unit value. In short, an estimate for the physical copies valued at content and exported on a customs basis is now deducted from services while a relatively small amount, to increase the valuation in goods, is included as a BOP adjustment to Canadian goods exports (the amount is compiled by the U.S. Balance of Payments). These changes were applied starting with the reference year 1996.⁶ From the same reference year, prepackaged software exports less the goods portion is reclassified to royalties and licence fees in that this portion represents licences (see section 1.6).

Information services were requested for the first time in the 1995 survey of commercial services and, for prior years, consist of reallocations to this category of respondent results from several categories of data collection including consulting, computer services, and communications. As with computer services, a further amount based on U.S. survey sources is used to extend coverage on payments.

6. The source of statistics on goods exported to the United States is the U.S. customs data. Records of the U.S. customs value many software transactions at the cost of the medium rather than inclusive of the content. Goods imports in the Canadian data are valued for content, in part to ensure applicable GST is not foregone.

1.6 Royalties and licence fees

Royalties and licence fees covers the use of intellectual property rights (the sales of rights themselves are recorded in the capital account). The breakout of royalties and licence fees into the five following sub-categories was implemented from 1990 and goes beyond the provisions of international norms.

Patents and industrial design covers royalty or licence fees for the use of patents, industrial designs, industrial know-how or manufacturing rights, as well as payments for non-patented industrial processes.

Trademarks covers royalties or fees for the use of trademarks, that is, words, symbols, designs or combinations thereof that distinguish the holder's products or services from those of another provider.

Franchises covers contractual privileges granted by an individual or corporation to another, permitting the sale of a product or service in a specified area or manner.

The value of franchise transactions in total has appeared small compared to other service payments. This is partly attributable to the fact that many foreign franchise firms have subsidiaries established in Canada, and franchise fees payable to such subsidiaries within Canada do not give rise directly to international payments. In spite of additional coverage from U.S. sources, there may also be an element of undercoverage, for which a general provision is included under miscellaneous services to business.

Copyrights and related rights covers royalty or licence fees for the use of original artistic, literary, dramatic or musical works-for example, to stage productions or performances, or to make recordings or films. These originals or prototypes may take the form of text, data compilations or audio and visual products (such as films or sound recordings) and may or may not be in machine-readable format. Distribution rights for performances of completed audio-visual productions are reported with audiovisual services (see section 1.14). Fees for the replay of recordings or videos are recorded here. Royalties, licences or other fees for the right to use computer programs are reported below in software and other royalties. Additional provision for payments of cable services appears from the reference year 1997.

Software and other royalties covers software and other computer-related royalties including fees for the right to replicate, distribute or otherwise use software, whether custom or prepackaged. These also cover royalties for exclusive use of natural resources (private sector transactions). From the reference year 1996, licence fees included in the survey value of prepackaged software exports are reclassified here from computer services (see section 1.5). From 1997 an additional estimate from a variety of sources was made to account for certain software royalties paid directly abroad by classes of users not covered or sufficiently covered by surveys, (as school boards).

1.7 Non-financial commissions

Non-financial commissions covers commissions on goods and service transactions between nonresidents and resident merchants, commodity brokers, dealers, manufacturers' sales branches and commission agents. Excluded are financial service commissions, which are included in other financial services (whether involving insurance, credit, stock or bond issues), as well as commissions already recorded in the price of goods imported and exported.

A small provision is made for fees paid by the importer of goods after the point of export. However, Canada Customs and Revenue Agency (formerly Revenue Canada) view such buying commissions as less common than selling commissions, which are valued with goods.

Merchanting is the buying and selling of goods that do not enter or leave the economy from which the trader is conducting business. An apt measure of such transactions has not been found for the Canadian series.

Data are based on both the annual survey of international transactions in services and on estimates derived by applying fixed factors to merchandise exports and imports. The factors used for trade with the United States are lower than for other countries, as a larger proportion of transactions are presumed to take place between related companies without incurring agents' fees.

1.8 Equipment rentals

Equipment rentals covers rentals (without operator) of light or heavy machinery and tools, drilling rigs and supply vessels, rail or road/off-road vehicles and aircraft (short-term leases). It also includes rentals of containers, office machinery and equipment, including computers, as well as rentals of household and personal goods. Excluded are financial leases, leases of telecommunication lines, leasing of real estate, car rentals on foreign travel and certain shipping charters.

Moreover, for practical reasons, no distinction has been made in the Canadian series between rentals with operators (to be reported in various other specific services according to international standards) and rentals without operators (reportable here). Identifiable amounts for chartering boats without crews based on Transportation Division data are incorporated here. Otherwise, rentals without crews which cannot be separately identified from rentals with crews are included in transportation, which does not conform to international standards.

The annual survey of international transactions in services and other smaller surveys are the basis for estimates on equipment rentals.

1.9 Management services

Management services covers legal, accounting and business management services (which include management and administrative overheads between related enterprises and business management consulting).

Legal services⁷ covers legal advisory and representational services in any law, judicial and statutory procedures, and the drawing up of legal instruments or documentation.

Included here are patent and trademark registration fees and patent maintenance fees. At present, there is no provision for the inclusion of auction, escrow or bankruptcy services (see section 1.7). Additional coverage is obtained from more complete counterpart sources of the U.S. Bureau of Economic Analysis on the payments side.

Other management services covers accounting, business management consulting and other management services.

Accounting services covers the recording of business and other accounts, including reviews and audits, bookkeeping and preparation of related statements and returns. These services include business tax planning and consulting, and preparation of tax documents.

Business management consulting,⁸ including public relations services, is typically transacted with unrelated parties. In addition, certain specialized business management consulting, is reported with the service concerned: telecommunications, computer and information services, legal, accounting, architectural, engineering and construction, environmental, artistic or recreational, education and training. Property management is included with miscellaneous business services (see section 1.13). Additional coverage from redesigned surveys by the Service Industries Division have been reflected from the reference year 1997.

Other management services comprise charges for managerial and administrative services, rendered by an individual or corporation, that cannot be allocated to another services category. Such overhead charges typically arise between related parties and may include amounts that are not always identified as services.

Figures are based largely on the annual survey of international transactions in services. The main component is management and administrative charges between related companies. Data on patent agent fees that are included here are estimated from administrative data. The data also include specific survey results for legal firms beginning in 1995, registration and maintenance fees of intellectual property, and added coverage of international management consulting services typically provided to third parties, also from 1995.

Reporting is incomplete for most major firms that provide clients with both accounting and management consulting services. At the same time, international transactions in such services in past years are not believed to have involved

7. Please refer to Colleen Cardillo, *Canada's International Legal Services, 1995-1996*, (Research Paper No. 15, Balance of Payments Division (67F0001MIB97015) <http://www.statcan.ca/english/services>, Statistics Canada, Ottawa, 1997).

8. Please refer to Willa Rea, *Canada International Trade in Management Consulting, 1990-1996*, (Research Paper No. 16, Balance of Payments Division (67F0001MIB97016) <http://www.statcan.ca/english/services>, Statistics Canada, Ottawa, 1997).

substantial flows. This is a reflection of the industry's international structure whereby separate partnerships operate in each domestic market in a largely self-sufficient manner.

1.10 Advertising and related services

Advertising and related services covers:

- design, creation and marketing of advertisements by advertising agencies;
- placement of advertisements in newspapers, journals, radio, TV and other media, including the purchase and sale of advertising space; and
- participation in trade fairs and other promotional outlays, including exhibition services, telemarketing and delivery services of promotional material.

Costs of maintaining representative offices of banks in another country are included in the Canadian series. Also, some advertising outlays are reported with the data on airline transactions within transportation services. Classified here are services to advertise and promote travel that are purchased from non-residents by governments in Canada. Also covered are market research and public opinion polling services.

Data are obtained from the annual survey of international transactions in services. Included also are benchmark projections of expenses in Canada of representative offices of foreign banks as well as representative offices of Canadian banks located in other countries. Tourism promotion outlays are obtained from provincial authorities on an annual basis.

1.11 Research and development

Research and development covers charges related to systematic investigation through experiment or analysis to achieve a scientific or commercial advance for, or through, the creation of new or significantly improved products or processes. Research and development extends to the social sciences and humanities but excludes market research (see section 1.10, above) and technical studies (see other technical services in section 1.12, below).

The statistics are derived from the annual survey of international transactions in services and from surveys conducted by the Science, Innovation and Electronic Information Division.

1.12 Architectural, engineering and other technical services

Architectural, engineering and other technical services covers a range of architectural and engineering activities together with a diverse group of scientific and technical services and specific services related to mineral extraction, processing and the environment.

Architectural and engineering services comprises consulting, design and predesign, as well as contract supervision services. Urban planning and landscape architectural services are covered as are the export or import of services for the management of projects after completion. Please also refer to construction services for the treatment of turnkey projects and projects of long duration (section 1.2).

Other technical services covers, the following services which cannot always be separated:

Scientific and technical services comprise geological and geophysical services; mineral exploration and prospecting work; surveying and mapping services of or from land, sea and above-surface, including weather services; and services of testing, analysis, inspection or certification of materials or products. Medical and dental laboratory services are excluded (see section 1.13). A reclassification from 1998 was made for certain technical services related to air transport. (See Transportation Services, Concepts).

Mining services comprise drilling and field services including maintenance, inspection and repair, but not equipment rentals or sales. Services related to discovery-that is, mineral prospecting and exploration, as well as geological surveying-are classed as scientific and technical services (above in section 1.12).

Environmental services comprise sanitation, protection and remediation services, waste storage, treatment, destruction, decontamination, clean-up or containment and pollution control. The series also includes environmental consulting, covering biological and ecological consulting, environmental audits, and impact and site assessments, not assigned by the new UN Manual to environmental services. Basic architectural and engineering or research and development services for projects that happen to be environmental in purpose, remain with architectural and engineering services or with research and development.

Services incidental to agriculture, fishing and certain mining and forestry activities are not systematically identified in the data collection to date: international transactions, apart from those related to mining, are not viewed as substantial.

Results from the annual survey of international transactions in services were augmented from 1991 by additional data for certain engineering, architectural and technical services surveyed by the Services Division. Data for mining services and other technical services require further development. Coverage was extended from 1996 for companies engaged in providing a range of surveying, mapping, remote sensing and related information systems sometimes referred to as 'geomatics.'

1.13 Miscellaneous services to business

Tooling and other services predominantly covers amounts paid or received by automotive companies for charges such as retooling, warranties and like charges linked to the production of new models. A provision for undercoverage of services not included elsewhere is also grouped here.

Miscellaneous business services covers a range of transactions not allocated elsewhere. These include real estate services (sales, commission fees and contracts for the management of properties including hotels and resorts), suits and settlements as they are deemed a cost of doing business; medical and dental laboratories; and education, training and staff development services.

Commercial or non-institutional education services cover charges for employee training and development. These services also cover services to the educational market such as testing, consulting and the development, delivery and adaptation of course materials and systems. Equipment sales and software replications for general sale, however, are excluded. (Fees incurred for attending full-time university and college programs are covered under personal travel; see above section on Travel).

Compensation of cross-border employees (commuter and seasonal workers' remuneration) is entered here since these employees are treated as self-employed service providers: insufficient data prevents their identification as labour income, as called for by international standards. Expenditures for local labour and supplies for construction projects are not identified separately and are included in construction.

For working purposes, an internal category under miscellaneous services to business has been established to cover what so far are infrequent cases of reported contract production abroad on a fee or contract basis. Instances where a resident hires and pays a producer abroad to transform basic materials into a new product that is then sold abroad appear not to be fully articulated, either in the data or in underlying concepts and classifications at the present time. Where residents export their own materials, this can be expected to appear in customs coverage of goods. The value added abroad is less frequently known or reported, and the international norms call for assigning it as a service to the category of merchanting and other trade-related services. Cases where the inputs are all sourced abroad and sold from abroad are not identified by international standards. Recipients of the commercial services survey are currently asked to report their contract production abroad separately.⁹

Other components in the Canadian data include design, personnel, translation and security services together with certain conservation expenditures.

9. The BP-21S questionnaire at category #30 reads as follows: *Contract production abroad. If you pay a producer abroad to produce a good which you then sell abroad (that is, no export back to Canada), please report the revenue you receive, and the production expenses which the foreign producer bills you. (The producer may buy materials outside Canada on your behalf and bill for the whole cost, or you may export your own materials or master copy and pay only the transformation or reproduction charge). In the reverse situation, that is, if you are the contract producer, please report revenue from foreign parties who engage your services, and at #31 specify the value of the product shipped within Canada.*

Data for tooling and other automotive charges are based on the annual survey of international transactions in services and on customs information from the International Trade Division of Statistics Canada. The provision to cover underreporting in the main services surveys reflects coverage of administrative sources and survey experience.

Remaining data are in part based on unspecified services reported by individual companies in the annual survey of international services under other transactions. Estimates of commuter and migrant labour earnings are based on benchmarks. Coverage of commercial education services from 1996 was added based on a listing compiled at Industry Canada.

A general provision is made from 1990 for Canadian government sales and purchases of services to and from the foreign private sector. Amounts for international organizations are obtained either directly or from public accounting records. A provision is made to include from 1995 a block of lower-value export contracts financed by CIDA. Some small items covered by annual reports or benchmark estimates are included here as well.

1.14 Audiovisual services

Audiovisual services covers film and video production and distribution, broadcasting, performing arts and organized sports. More specifically, these may be services and associated fees related to the production of motion pictures (on film or videotape), radio and television programs (live or on tape) and musical recordings. Included are receipts or payment for rentals; fees received by resident actors, directors, producers, and other crew members for productions abroad (or by non-residents in the compiling economy); and fees for distribution rights sold to the media for a limited number of showings in specified areas.

Fees to actors or participants in theatrical or musical productions, organized sports and other activities intended for broadcast, as well as related distribution rights are also included. Certain distribution rights for sporting events are classified here.

Physical copies of films, programs, musical compositions, books and retail software should be excluded, being treated as goods. Also excluded here are copies of software for retail sale.

Most of the data are obtained from results of annual surveys of the Science, Innovation and Electronic Information Division and the Culture, Tourism and Centre for Education Statistics Division of Statistics Canada, including film producer and distributor data from 1988. Statistics are supplemented from various provincial sources and studies and the annual survey of international transactions in services. Data for broadcasting are based on annual survey information of the Science, Innovation and Electronic Information Division. Estimates of organized sports and performing arts are based on benchmark investigations of receipts and payments of major participants and on continuing surveys.

Joint development work to edit and improve international data on cultural transactions has proceeded with the Culture, Tourism and Centre for Education Statistics Division. Certain additional coverage has lately been implemented for film labs and sound recording services as a result of redesigned and more detailed surveys.

1.15 Personal, cultural and recreational services

At present, coverage is limited to data on international activity of trade unions. Figures, until recently estimated from annual returns filed with Statistics Canada under the former Corporations and Labour Unions Returns Act, are now projected since the Act no longer covers labour unions.

2. Data sources

2.1 General description

The Balance of Payments Division collects much of the data on commercial services through its comprehensive survey International Transactions in Commercial Services-BP-21S (annual). Other Balance of Payments Division surveys used include the following:

- International Transactions in Commercial Services- BP-21SQ (quarterly);

- Transactions Between Canada and Other Countries- BP-21 (annual);
- Transactions Between Canada and Other Countries- BP-21A (quarterly);
- International Transactions Between Insurance Brokers in Canada and their Foreign Affiliates, Agents, and Other Companies or Persons Outside Canada-BP-17 (annual);
- Transactions Between Canadian Incorporated Insurance Companies and their Foreign Affiliates, Agencies and Bank Accounts and Other Companies or Persons Outside Canada-BP-27 (annual);
- Transactions Between Canadian Branches of Foreign Insurance Companies in Canada and Head or Other Offices, Companies or Persons Outside Canada-BP- 28 (annual);
- Report by Trust and Mortgage Loan Companies in Canada on Transactions with Non-residents-BP-29 (annual); and
- Canada's International Transactions in Securities- BP-30 (monthly).
- The Balance of Payments Division also relies on diverse surveys of other Statistics Canada divisions as well as administrative sources. The following annual surveys of the Services Division are used:

Annual surveys of the Services Division:

- Annual Survey of Architectural Services
- Annual Survey of Software Development and Computer Services
- Annual Survey of Engineering Services
- Accounting and Bookkeeping
- Specialized Design Services
- Management, Scientific and Technical Consulting

A number of these are basically redesigned to meet expanded statistical requirements and conform to coverage of the North American Industrial Classification System (NAICS).

The following surveys of the Science, Innovation and Electronic Information Division are used:

- Survey of Telecommunications Service Providers;
- Annual Return of "Broadcasting Distribution" Licensees;
- Annual Return For Radio and Television Programming Undertaking(s) (including Networks); and Research and Development in Canadian Industry.

The following four surveys are used from the Culture, Tourism and Centre for Education Statistics Division (CTCES):

- Film, Video and Audiovisual Production Survey;
- Film, Video and Audiovisual Distribution and Video Cassette Wholesaling Survey;
- Motion Picture Laboratory Operations and Production and Post Production Services; and
- Sound Recording Survey.

In addition to the surveys listed, data on environmental services are provided by the Environment Accounts and Statistics Division from the Environment Industry Survey, and data on courier services are provided by the Transportation Division from the Survey of the Couriers and Local Messengers Industry.

Government administrative sources from the federal government include

- tax forms T-106, GST, and NR-4 (withholding taxes);
- Citizenship and Immigration Canada;
- Bank of Canada; and
- Office of the Superintendent of Financial Institutions (federal).

Data sources from other Canadian governments and crown corporations include

- Public Accounts of Crown Corporations (federal and provincial), with supplementary data obtained directly from selected corporations;
- film and tourism authorities (provincial); and
- power utilities (provincial).

Other data sources used include

- regular correspondence with corporations engaged in international communications, air and rail transportation, consulting, and so on;
- U.S. Department of Commerce data (with annual reconciliations of U.S. current account data);
- foreign embassies;
- World Bank;
- patent agents;
- international organizations operating in Canada;
- Canadian banks;
- benchmark studies on sports and other entertainment;
- annual reports of individual companies engaged in international transactions; and
- public media.

3. Methods

3.1 General methodology

The Balance of Payments Division compiles the data on commercial services. For the current year, data are estimated from the quarterly sample surveys, which are based on the previous annual census survey data. The data are processed through a system known as the Services Integrated System (SIS) which is a relational database that consolidates the extensive but diverse sources of information on commercial services. One format file, for example, contains company names. An algorithm file (with factors changeable as needed by staff) is used to calculate certain series or to prorate global totals geographically when country level information is unavailable (that is, over and above normal imputations to deal with incomplete survey responses). It also serves as a useful registry for the firms identified as transacting international commercial services. The system also identifies the

particular source and status of the data. At present the system identifies some 20 sources, from surveys through benchmark calculations, along with four status indicators as to whether the data is reported or estimated.

The coverage of the main survey is updated from listings from trade associations and from the monitoring of events by an ongoing scanning of the business media for international transactions. Tracked events are both company-specific and of a general background nature (for example, industry trends and developments). The information assists with the editing and updating of survey coverage for balance of payments surveys and other series.

Importantly, the data benefit from internal comparisons and review, both within the System of National Accounts (for example, commodity balancing through the input-output system), and with other areas of Statistics Canada, such as the Culture, Tourism and Centre for Education Statistics Division and the Services Division. Each year, results are compared and corrected, when applicable, in relation to counterpart U.S. results through the Canada-United States current account reconciliation.

Data on services are collected net of withholding taxes but published inclusive of withholding taxes. It is noted that the allocation of withholding taxes to the relevant royalty categories entails significant estimation.

3.2 Extended geographical breakouts

As all detail is initially compiled with an extensive geographical basis, more geographical data has been published for commercial services over the years than for other service accounts. The publication from 1990 of services by individual country largely entailed a review for confidentiality for countries not previously released.

Administrative data sources for commercial services, first available for 1989, initially augmented the overall coverage of these services by about 2%, but over the last three survey years have added a further 3% to value.

4. Products

4.1 Data accuracy

The overall quality of the data on commercial services is reliable. The non-responses to the surveys, the main source of information, tend largely to be comprised of low or nil value transactions for the period. A provision based on analysis of taxation records is applied to allow for underreporting in the survey and operations too small to survey. If follow-ups do not result in sufficient data, amounts are imputed from past results, external information and broader projections of annual information as a control indicator. For the most part, the geographical detail on commercial services is reported directly by survey respondents according to the geographic coding instructions that are sent to them. When respondents do not or are unable to report full details, approximations are accepted or estimates made.

The response rate in 2002 for the comprehensive survey of international transactions in services, sent to over 3,000 firms in Canada, stood at 68%. To reduce the response burden, starting with the reference year 2003, more than 900 small respondents will be surveyed once every three years instead of every year. In addition, three specific surveys of 233 insurance carriers and agencies showed response rates with an average of 96% for 2002.

A quarterly sample survey for the current year was redesigned as of the first quarter 2002. Its stratification was unlinked from six summary industry categories - whose 'other' grouping was predominant - to a direct sample of some 28 categories of receipts and payments. It employs - as before - two quarterly survey sources. The first source is a quarterly survey of 529 firms, mainly Canadian-controlled. The second source comprises a selection of 300 firms made from a quarterly survey of financial transactions of mainly foreign-controlled firms. Response rates on the expanded base, have decreased slightly to 60% in 2003.

Lastly, accuracy of the commercial services series benefits from the extensive detailed reconciliation on current account transactions, which is conducted annually with the U.S. Bureau of Economic Analysis. This comparison assists in the data estimation process as well as in validation.¹⁰

10. "Reconciliation of the Canada-United States Current Account," in Statistics Canada, *Canada's Balance of International Payments, Third Quarter issue*, (Catalogue no. 67-001-X).

4.2 Data accessibility

The quarterly and annual series on commercial services are published as total receipts, payments and balances in the quarterly publication Canada's Balance of International Payments (available in print and in electronic format on the Internet) and in CANSIM.

In the present annual publication, Canada's International Trade in Services (available in print and in electronic format on the Internet) and in CANSIM, the annual series for commercial services are published for the six geographical groupings: United States, United Kingdom, Other European Union, Japan, Other OECD and Other Countries. The commercial services category is broken down to provide for over 25 product types. Not only is each main product type presented by the six standard geographical areas delineated above, but each product type is also presented according to three basic foreign regions with which the transactions are conducted—United States, European Union and Other Countries. The transactions are further identified by the party with whom they were carried out—that is, either a foreign affiliate or a foreign non-related party. The types of services are presented according to the country of control of the Canadian transactor and the transactor's industry classification.

Beginning with the reference year 1990, the geographic breakout for commercial services was further expanded to show summary receipts and payments for individual countries, starting with the 1998 edition of this services publication.

With the 1997 edition of the present publication, a quarterly breakout of some 14 commercial services was introduced beginning from 1995, both on a raw and seasonally adjusted basis. The same quarterly series also appears in the above-noted publication, as well as in Canada's Balance of International Payments.

Government services

1. Concepts

Government services covers international transactions arising largely from official representation and military activities, as well as commercial activities of governments not covered in other accounts. They include expenses of staff at embassies and missions and of individuals stationed on military bases. Receipts chiefly comprise expenditures in Canada by foreign governments and their staff recruited abroad. Receipts also include overheads to administer official assistance. Payments cover expenditures abroad of both the Canadian federal and provincial governments and their staff recruited in Canada. Beginning with the reference year 1996, separate information is available on construction, existing building and land transactions for both embassy and other use by the Government of Canada abroad. Construction is now included in construction services while purchases of existing buildings will continue to be treated as government services. In conformity with international standards, land transactions are classified as non-produced non-financial assets in the capital account.

Again in conformity with international standards, outlays by the federal government for contributions to the operations of international organizations and programs are excluded and shown in current transfers. For provincial governments, the data exclude receipts and payments by provinces for the promotion of tourism, which are included in commercial services.

To the extent that official government records used as the source data are on a cash basis, they have been incorporated as such in the balance of payments accounts, rather than on an accrual basis, as called for by international standards. With the move to accrual accounting at April 1, 2001 by the Canadian government, it is anticipated that progressively more services in this category will be stated in accrual terms.

2. Data sources

Almost all the data are collected from administrative sources, except for ad hoc surveys conducted to obtain estimates of spending by foreign embassies in Canada (the last such survey was conducted to collect 1995 data). Federal government administrative sources include the following:

- Public Accounts of Canada;
- National Defence;
- Canadian International Development Agency;
- Department of Foreign Affairs and International Trade;
- International Development Research Centre;
- From 1997, data on a range of immigration services paid by non-residents has been added to this account. They draw on administrative records of revenues and entry of persons maintained by Citizenship and Immigration Canada.

Data for provincial and territorial governments come from the provincial Public Accounts while data for crown corporations are taken from federal and provincial Public Accounts and supplementary data obtained directly from selected corporations.

Most of the data on spending in Canada by U.S. government authorities are provided by the U.S. Bureau of Economic Analysis. Data on spending by countries other than the U.S. are obtained from Canadian administrative records.

3. Methods

3.1 General methodology

The Balance of Payments Division compiles the data. For Canadian expenditures by personnel posted abroad, two-thirds of their salary is assumed to be available for personal spending in the local economy. Payments for Canadian military personnel are calculated and provided by the Income and Expenditure Accounts Division.

A number of changes were made following a review of government transactions with the Input-Output Division. Beginning with 1993 data, military expenditures abroad were scaled back to be more in line with declining outlays on personnel. From the same year, improved data sources were used for receipts for the use of Canadian facilities by visiting non-U.S. military forces. Additions and changes were also made to more accurately reflect outlays for trade development by provincial governments. A number of in-Canada outlays of a commercial nature-deemed paid to Canada by recipients of official aid flows- were reduced and were recognized instead under services to business. Spending by foreign embassies, High Commissions and consulates was re-estimated through a voluntary survey for 1995. This survey produced a small but helpful cross-section of responses. Results were generally higher than previous estimates.

3.2 Extended geographical breakouts

In terms of geographical detail for government services, some larger segments of data are initially recorded by individual country, such as Canadian representation abroad or certain expenditures on defence. In Canada, overheads to administer official assistance are recorded as receipts. These are distributed geographically according to the administrative records of assistance provided. These records are country-specific. More difficult is an allocation for foreign government expenditures in Canada. Here, the 1995 benchmark survey forms the basis for a benchmark indicator composed of wages and salaries paid annually to local employees of embassies and consulates in Canada and aggregated from taxation records.

For immigration services, detailed records by mission are available for persons paying abroad. Certain payments made in Canada prior to granting landed immigrant status are allocated by flows of landed immigrants. Revenues from the granting or renewal of work or study permits are also available directly by country from Citizenship and Immigration records. The share of payments made by residents on behalf of persons seeking entry into Canada was estimated for exclusion in consultation with C&I officials.

4. Products

4.1 Data accuracy

Overall, the data are reliable. For each series, the accuracy varies. This reflects the variable accuracy of the data sources, which range from sound administrative records to estimates-particularly of foreign activity in Canada-that are based overall on very limited information. The data, however, benefit from the extensive detailed reconciliation conducted annually with the U.S. Bureau of Economic Analysis on current account transactions.¹

4.2 Data accessibility

The quarterly and annual series on government services are published as total receipts, payments and balances for total and for the United States in the quarterly publication *Canada's Balance of International Payments* (available in print and in electronic format on the Internet) and in CANSIM.

1. "Reconciliation of the Canada-United States Current Account," in *Statistics Canada, Canada's Balance of International Payments, Third Quarter issues (Catalogue nos. 67-001-X)*.

The annual series on government services are published in the present annual publication, Canada's International Transactions in Services, in total and for the six geographical groupings: United States, United Kingdom, Other European Union, Japan, Other OECD and Other Countries. Annual breakouts of individual are also released, aggregated with transportation services from 1990 onward in the same publication.

Specific unpublished breakouts are available on request.

Appendix I

CANSIM data bank numbers - Canada's balance of international payments

Text table 1

Travel by category, by geographical area

	Receipts	Payments	Balances
Travel, total	v149508	v149516	v149524
United States	v149532	v149540	v149548
All other countries	v149556	v149564	v149572
Business travel	v149509	v149517	v149525
United States	v149533	v149541	v149549
All other countries	v149557	v149565	v149573
Crew spending	v149510	v149518	v149526
United States	v149534	v149542	v149550
All other countries	v149558	v149566	v149574
Other business travel ¹	v149511	v149519	v149527
United States	v149535	v149543	v149551
All other countries	v149559	v149567	v149575
Personal travel	v149512	v149520	v149528
United States	v149536	v149544	v149552
All other countries	v149560	v149568	v149576
Health related	v149513	v149521	v149529
United States	v149537	v149545	v149553
All other countries	v149561	v149569	v149577
Education related	v149514	v149522	v149530
United States	v149538	v149546	v149554
All other countries	v149562	v149570	v149578
Other personal travel	v149515	v149523	v149531
United States	v149539	v149547	v149555
All other countries	v149563	v149571	v149579

1. Included with personal spending prior to 1990.

Note: CANSIM table 376-0031

Text table 2

Transportation by category

	Receipts	Payments	Balances
Water transport	v149581	v149591	v149601
Freight	v149582	v149592	v149602
Auxiliary services	v149583	v149593	v149603
Air transport	v149584	v149594	v149604
Passenger fares ¹	v149585	v149595	v149605
Freight and auxiliary services	v149586	v149596	v149606
Land and other transport	v149587	v149597	v149607
Passenger fares	v149588	v149598	v149608
Freight and auxiliary services	v149589	v149599	v149609
Transportation	v149580	v149590	v149600

1. International passenger fares by water included under air transport.

Note: CANSIM table 376-0032

Text table 3

Commercial services by category, by area and affiliation - Receipts

	United States			European Union			Other countries			Total, commercial services
	Related	Other	Total	Related	Other	Total	Related	Other	Total	
Communications services	v149851	v149884	v149818	v150049	v150082	v150016	v150247	v150280	v150214	v149623
Construction services	v149862	v149895	v149829	v150060	v150093	v150027	v150258	v150291	v150225	v149634
Insurance services	v149863	v149896	v149830	v150061	v150094	v150028	v150259	v150292	v150226	v149635
Primary life and non-life insurance	v149864	v149897	v149831	v150062	v150095	v150029	v150260	v150293	v150227	v149636
Reinsurance, life	v149865	v149898	v149832	v150063	v150096	v150030	v150261	v150294	v150228	v149637
Reinsurance, non-life	v149866	v149899	v149833	v150064	v150097	v150031	v150262	v150295	v150229	v149638
Reinsurance commissions	v149867	v149900	v149834	v150065	v150098	v150032	v150263	v150296	v150230	v149639
Other financial services	v149868	v149901	v149835	v150066	v150099	v150033	v150264	v150297	v150231	v149640
Computer and information services	v149869	v149902	v149836	v150067	v150100	v150034	v150265	v150298	v150232	v149641
Computer services	v149870	v149903	v149837	v150068	v150101	v150035	v150266	v150299	v150233	v149642
Information services	v149871	v149904	v149838	v150069	v150102	v150036	v150267	v150300	v150234	v149643
Royalties and licence fees	v149872	v149905	v149839	v150070	v150103	v150037	v150268	v150301	v150235	v149644
Patents and industrial design	v149873	v149906	v149840	v150071	v150104	v150038	v150269	v150302	v150236	v149645
Trademarks	v149874	v149907	v149841	v150072	v150105	v150039	v150270	v150303	v150237	v149646
Franchises	v149875	v149908	v149842	v150073	v150106	v150040	v150271	v150304	v150238	v149647
Copyrights and related rights	v149876	v149909	v149843	v150074	v150107	v150041	v150272	v150305	v150239	v149648
Software and other royalties	v149877	v149910	v149844	v150075	v150108	v150042	v150273	v150306	v150240	v149649
Non-financial commissions	v149878	v149911	v149845	v150076	v150109	v150043	v150274	v150307	v150241	v149650
Equipment rentals	v149879	v149912	v149846	v150077	v150110	v150044	v150275	v150308	v150242	v149651
Management services	v149880	v149913	v149847	v150078	v150111	v150045	v150276	v150309	v150243	v149652
Legal services	v149881	v149914	v149848	v150079	v150112	v150046	v150277	v150310	v150244	v149653
Other management services	v149882	v149915	v149849	v150080	v150113	v150047	v150278	v150311	v150245	v149654
Advertising and related services	v149852	v149885	v149819	v150050	v150083	v150017	v150248	v150281	v150215	v149624
Research and development	v149853	v149886	v149820	v150051	v150084	v150018	v150249	v150282	v150216	v149625
Architectural, engineering, and other technical services	v149854	v149887	v149821	v150052	v150085	v150019	v150250	v150283	v150217	v149626
Architectural and engineering services	v149855	v149888	v149822	v150053	v150086	v150020	v150251	v150284	v150218	v149627
Other technical services	v149856	v149889	v149823	v150054	v150087	v150021	v150252	v150285	v150219	v149628
Miscellaneous services to business	v149857	v149890	v149824	v150055	v150088	v150022	v150253	v150286	v150220	v149629
Miscellaneous business services	v149858	v149891	v149825	v150056	v150089	v150023	v150254	v150287	v150221	v149630
Tooling and other miscellaneous services	v149859	v149892	v149826	v150057	v150090	v150024	v150255	v150288	v150222	v149631
Audio-visual services	v149860	v149893	v149827	v150058	v150091	v150025	v150256	v150289	v150223	v149632
Personal, cultural and recreational services	v149861	v149894	v149828	v150059	v150092	v150026	v150257	v150290	v150224	v149633
Commercial services, total	v149850	v149883	v149817	v150048	v150081	v150015	v150246	v150279	v150213	v149622

Note: CANSIM table 376-0033

Text table 4

Commercial services by category, by area and affiliation - Payments

	United States			European Union			Other countries			Total, commercial services
	Related	Other	Total	Related	Other	Total	Related	Other	Total	
Communications services	v149950	v149983	v149917	v150148	v150181	v150115	v150346	v150379	v150313	v149656
Construction services	v149961	v149994	v149928	v150159	v150192	v150126	v150357	v150390	v150324	v149667
Insurance services	v149962	v149995	v149929	v150160	v150193	v150127	v150358	v150391	v150325	v149668
Primary life and non-life insurance	v149963	v149996	v149930	v150161	v150194	v150128	v150359	v150392	v150326	v149669
Reinsurance, life	v149964	v149997	v149931	v150162	v150195	v150129	v150360	v150393	v150327	v149670
Reinsurance, non-life	v149965	v149998	v149932	v150163	v150196	v150130	v150361	v150394	v150328	v149671
Reinsurance commissions	v149966	v149999	v149933	v150164	v150197	v150131	v150362	v150395	v150329	v149672
Other financial services	v149967	v150000	v149934	v150165	v150198	v150132	v150363	v150396	v150330	v149673
Computer and information services	v149968	v150001	v149935	v150166	v150199	v150133	v150364	v150397	v150331	v149674
Computer services	v149969	v150002	v149936	v150167	v150200	v150134	v150365	v150398	v150332	v149675
Information services	v149970	v150003	v149937	v150168	v150201	v150135	v150366	v150399	v150333	v149676
Royalties and licence fees	v149971	v150004	v149938	v150169	v150202	v150136	v150367	v150400	v150334	v149677
Patents and industrial design	v149972	v150005	v149939	v150170	v150203	v150137	v150368	v150401	v150335	v149678
Trademarks	v149973	v150006	v149940	v150171	v150204	v150138	v150369	v150402	v150336	v149679
Franchises	v149974	v150007	v149941	v150172	v150205	v150139	v150370	v150403	v150337	v149680
Copyrights and related rights	v149975	v150008	v149942	v150173	v150206	v150140	v150371	v150404	v150338	v149681
Software and other royalties	v149976	v150009	v149943	v150174	v150207	v150141	v150372	v150405	v150339	v149682
Non-financial commissions	v149977	v150010	v149944	v150175	v150208	v150142	v150373	v150406	v150340	v149683
Equipment rentals	v149978	v150011	v149945	v150176	v150209	v150143	v150374	v150407	v150341	v149684
Management services	v149979	v150012	v149946	v150177	v150210	v150144	v150375	v150408	v150342	v149685
Legal services	v149980	v150013	v149947	v150178	v150211	v150145	v150376	v150409	v150343	v149686
Other management services	v149981	v150014	v149948	v150179	v150212	v150146	v150377	v150410	v150344	v149687
Advertising and related services	v149951	v149984	v149918	v150149	v150182	v150116	v150347	v150380	v150314	v149657
Research and development	v149952	v149985	v149919	v150150	v150183	v150117	v150348	v150381	v150315	v149658
Architectural, engineering, and other technical services	v149953	v149986	v149920	v150151	v150184	v150118	v150349	v150382	v150316	v149659
Architectural and engineering services	v149954	v149987	v149921	v150152	v150185	v150119	v150350	v150383	v150317	v149660
Other technical services	v149955	v149988	v149922	v150153	v150186	v150120	v150351	v150384	v150318	v149661
Miscellaneous services to business	v149956	v149989	v149923	v150154	v150187	v150121	v150352	v150385	v150319	v149662
Miscellaneous business services	v149957	v149990	v149924	v150155	v150188	v150122	v150353	v150386	v150320	v149663
Tooling and other miscellaneous services	v149958	v149991	v149925	v150156	v150189	v150123	v150354	v150387	v150321	v149664
Audio-visual services	v149959	v149992	v149926	v150157	v150190	v150124	v150355	v150388	v150322	v149665
Personal, cultural and recreational services	v149960	v149993	v149927	v150158	v150191	v150125	v150356	v150389	v150323	v149666
Commercial services, total	v149949	v149982	v149916	v150147	v150180	v150114	v150345	v150378	v150312	v149655

Note: CANSIM table 376-0033

Text table 5

Commercial services by category, by industry - Receipts

	Goods producing industries			Services producing industries							Memorandum item:
	Manufacturing [31-33]	Other goods producing industries	Total, goods producing industries	Trade and transportation	Information, culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other services producing industries	Total, services producing industries	Information and communication technology
Communications services	v28525516	v28525549	v28525483	v28525615	v28525648	v28525681	v28525714	v28525747	v28525780	v28525582	v28525813
Construction services	v28525517	v28525550	v28525484	v28525616	v28525649	v28525682	v28525715	v28525748	v28525781	v28525583	v28525814
Insurance services	v28525518	v28525551	v28525485	v28525617	v28525650	v28525683	v28525716	v28525749	v28525782	v28525584	v28525815
Primary life and non-life insurance	v28525519	v28525552	v28525486	v28525618	v28525651	v28525684	v28525717	v28525750	v28525783	v28525585	v28525816
Reinsurance, life	v28525520	v28525553	v28525487	v28525619	v28525652	v28525685	v28525718	v28525751	v28525784	v28525586	v28525817
Reinsurance, non-life	v28525521	v28525554	v28525488	v28525620	v28525653	v28525686	v28525719	v28525752	v28525785	v28525587	v28525818
Reinsurance commissions	v28525522	v28525555	v28525489	v28525621	v28525654	v28525687	v28525720	v28525753	v28525786	v28525588	v28525819
Other financial services	v28525523	v28525556	v28525490	v28525622	v28525655	v28525688	v28525721	v28525754	v28525787	v28525589	v28525820
Computer and information services	v28525524	v28525557	v28525491	v28525623	v28525656	v28525689	v28525722	v28525755	v28525788	v28525590	v28525821
Computer services	v28525525	v28525558	v28525492	v28525624	v28525657	v28525690	v28525723	v28525756	v28525789	v28525591	v28525822
Information services	v28525526	v28525559	v28525493	v28525625	v28525658	v28525691	v28525724	v28525757	v28525790	v28525592	v28525823
Royalties and licence fees	v28525527	v28525560	v28525494	v28525626	v28525659	v28525692	v28525725	v28525758	v28525791	v28525593	v28525824
Patents and industrial design	v28525528	v28525561	v28525495	v28525627	v28525660	v28525693	v28525726	v28525759	v28525792	v28525594	v28525825
Trademarks	v28525529	v28525562	v28525496	v28525628	v28525661	v28525694	v28525727	v28525760	v28525793	v28525595	v28525826
Franchises	v28525530	v28525563	v28525497	v28525629	v28525662	v28525695	v28525728	v28525761	v28525794	v28525596	v28525827
Copyrights and related rights	v28525531	v28525564	v28525498	v28525630	v28525663	v28525696	v28525729	v28525762	v28525795	v28525597	v28525828
Software and other royalties	v28525532	v28525565	v28525499	v28525631	v28525664	v28525697	v28525730	v28525763	v28525796	v28525598	v28525829
Non-financial commissions	v28525533	v28525566	v28525500	v28525632	v28525665	v28525698	v28525731	v28525764	v28525797	v28525599	v28525830
Equipment rentals	v28525534	v28525567	v28525501	v28525633	v28525666	v28525699	v28525732	v28525765	v28525798	v28525600	v28525831
Management services	v28525535	v28525568	v28525502	v28525634	v28525667	v28525700	v28525733	v28525766	v28525799	v28525601	v28525832
Legal services	v28525536	v28525569	v28525503	v28525635	v28525668	v28525701	v28525734	v28525767	v28525800	v28525602	v28525833
Other management services	v28525537	v28525570	v28525504	v28525636	v28525669	v28525702	v28525735	v28525768	v28525801	v28525603	v28525834
Advertising and related services	v28525538	v28525571	v28525505	v28525637	v28525670	v28525703	v28525736	v28525769	v28525802	v28525604	v28525835
Research and development	v28525539	v28525572	v28525506	v28525638	v28525671	v28525704	v28525737	v28525770	v28525803	v28525605	v28525836
Architectural, engineering, and other technical services	v28525540	v28525573	v28525507	v28525639	v28525672	v28525705	v28525738	v28525771	v28525804	v28525606	v28525837
Architectural and engineering services	v28525541	v28525574	v28525508	v28525640	v28525673	v28525706	v28525739	v28525772	v28525805	v28525607	v28525838
Other technical services	v28525542	v28525575	v28525509	v28525641	v28525674	v28525707	v28525740	v28525773	v28525806	v28525608	v28525839
Miscellaneous services to business	v28525543	v28525576	v28525510	v28525642	v28525675	v28525708	v28525741	v28525774	v28525807	v28525609	v28525840
Miscellaneous business services	v28525544	v28525577	v28525511	v28525643	v28525676	v28525709	v28525742	v28525775	v28525808	v28525610	v28525841
Tooling and other miscellaneous services	v28525545	v28525578	v28525512	v28525644	v28525677	v28525710	v28525743	v28525776	v28525809	v28525611	v28525842
Audio-visual services	v28525546	v28525579	v28525513	v28525645	v28525678	v28525711	v28525744	v28525777	v28525810	v28525612	v28525843
Personal, cultural and recreational services	v28525547	v28525580	v28525514	v28525646	v28525679	v28525712	v28525745	v28525778	v28525811	v28525613	v28525844
Total, commercial services, receipts	v28525515	v28525548	v28525482	v28525614	v28525647	v28525680	v28525713	v28525746	v28525779	v28525581	v28525812

Note: CANSIM table 376-0062

Text table 6

Commercial services by category, by industry - Payments

	Goods producing industries			Services producing industries						Memorandum item:	
	Manufacturing [31-33]	Other goods producing industries	Total, goods producing industries	Trade and transportation	Information, culture and arts	Finance and insurance [52]	Professional, scientific and technical services [54]	Management of companies and enterprises [55]	Other services producing industries	Total, services producing industries	Information and communication technology
Communications services	v28525879	v28525912	v28525846	v28525978	v28526011	v28526044	v28526077	v28526110	v28526143	v28525945	v28526176
Construction services	v28525880	v28525913	v28525847	v28525979	v28526012	v28526045	v28526078	v28526111	v28526144	v28525946	v28526177
Insurance services	v28525881	v28525914	v28525848	v28525980	v28526013	v28526046	v28526079	v28526112	v28526145	v28525947	v28526178
Primary life and non-life insurance	v28525882	v28525915	v28525849	v28525981	v28526014	v28526047	v28526080	v28526113	v28526146	v28525948	v28526179
Reinsurance, life	v28525883	v28525916	v28525850	v28525982	v28526015	v28526048	v28526081	v28526114	v28526147	v28525949	v28526180
Reinsurance, non-life	v28525884	v28525917	v28525851	v28525983	v28526016	v28526049	v28526082	v28526115	v28526148	v28525950	v28526181
Reinsurance commissions	v28525885	v28525918	v28525852	v28525984	v28526017	v28526050	v28526083	v28526116	v28526149	v28525951	v28526182
Other financial services	v28525886	v28525919	v28525853	v28525985	v28526018	v28526051	v28526084	v28526117	v28526150	v28525952	v28526183
Computer and information services	v28525887	v28525920	v28525854	v28525986	v28526019	v28526052	v28526085	v28526118	v28526151	v28525953	v28526184
Computer services	v28525888	v28525921	v28525855	v28525987	v28526020	v28526053	v28526086	v28526119	v28526152	v28525954	v28526185
Information services	v28525889	v28525922	v28525856	v28525988	v28526021	v28526054	v28526087	v28526120	v28526153	v28525955	v28526186
Royalties and licence fees	v28525890	v28525923	v28525857	v28525989	v28526022	v28526055	v28526088	v28526121	v28526154	v28525956	v28526187
Patents and industrial design	v28525891	v28525924	v28525858	v28525990	v28526023	v28526056	v28526089	v28526122	v28526155	v28525957	v28526188
Trademarks	v28525892	v28525925	v28525859	v28525991	v28526024	v28526057	v28526090	v28526123	v28526156	v28525958	v28526189
Franchises	v28525893	v28525926	v28525860	v28525992	v28526025	v28526058	v28526091	v28526124	v28526157	v28525959	v28526190
Copyrights and related rights	v28525894	v28525927	v28525861	v28525993	v28526026	v28526059	v28526092	v28526125	v28526158	v28525960	v28526191
Software and other royalties	v28525895	v28525928	v28525862	v28525994	v28526027	v28526060	v28526093	v28526126	v28526159	v28525961	v28526192
Non-financial commissions	v28525896	v28525929	v28525863	v28525995	v28526028	v28526061	v28526094	v28526127	v28526160	v28525962	v28526193
Equipment rentals	v28525897	v28525930	v28525864	v28525996	v28526029	v28526062	v28526095	v28526128	v28526161	v28525963	v28526194
Management services	v28525898	v28525931	v28525865	v28525997	v28526030	v28526063	v28526096	v28526129	v28526162	v28525964	v28526195
Legal services	v28525899	v28525932	v28525866	v28525998	v28526031	v28526064	v28526097	v28526130	v28526163	v28525965	v28526196
Other management services	v28525900	v28525933	v28525867	v28525999	v28526032	v28526065	v28526098	v28526131	v28526164	v28525966	v28526197
Advertising and related services	v28525901	v28525934	v28525868	v28526000	v28526033	v28526066	v28526099	v28526132	v28526165	v28525967	v28526198
Research and development	v28525902	v28525935	v28525869	v28526001	v28526034	v28526067	v28526100	v28526133	v28526166	v28525968	v28526199
Architectural, engineering, and other technical services	v28525903	v28525936	v28525870	v28526002	v28526035	v28526068	v28526101	v28526134	v28526167	v28525969	v28526200
Architectural and engineering services	v28525904	v28525937	v28525871	v28526003	v28526036	v28526069	v28526102	v28526135	v28526168	v28525970	v28526201
Other technical services	v28525905	v28525938	v28525872	v28526004	v28526037	v28526070	v28526103	v28526136	v28526169	v28525971	v28526202
Miscellaneous services to business	v28525906	v28525939	v28525873	v28526005	v28526038	v28526071	v28526104	v28526137	v28526170	v28525972	v28526203
Miscellaneous business services	v28525907	v28525940	v28525874	v28526006	v28526039	v28526072	v28526105	v28526138	v28526171	v28525973	v28526204
Tooling and other miscellaneous services	v28525908	v28525941	v28525875	v28526007	v28526040	v28526073	v28526106	v28526139	v28526172	v28525974	v28526205
Audio-visual services	v28525909	v28525942	v28525876	v28526008	v28526041	v28526074	v28526107	v28526140	v28526173	v28525975	v28526206
Personal, cultural and recreational services	v28525910	v28525943	v28525877	v28526009	v28526042	v28526075	v28526108	v28526141	v28526174	v28525976	v28526207
Total, commercial services, payments	v28525878	v28525911	v28525845	v28525977	v28526010	v28526043	v28526076	v28526109	v28526142	v28525944	v28526175

Note: CANSIM table 376-0062

Text table 7

Additional geographic breakouts of international services transactions, summary

	Receipts				Payments				Balances
	Receipts, total	Travel	Commercial services	Transportation and government services	Payments, total	Travel	Commercial services	Transportation and government services	Balance, total
United States	v2068332	v2068333	v2068334	v2068335	v2068336	v2068337	v2068338	v2068339	v2068340
Europe	v2068350	v2068351	v2068352	v2068353	v2068354	v2068355	v2068356	v2068357	v2068358
Austria	v95513	v95514	v95515	v95516	v95517	v95518	v95519	v95520	v95521
Belgium/Luxembourg	v95540	v95541	v95542	v95543	v95544	v95545	v95546	v95547	v95548
Denmark	v95585	v95586	v95587	v95588	v95589	v95590	v95591	v95592	v95593
Finland	v95603	v95604	v95605	v95606	v95607	v95608	v95609	v95610	v95611
France	v95612	v95613	v95614	v95615	v95616	v95617	v95618	v95619	v95620
Germany 1	v95621	v95622	v95623	v95624	v95625	v95626	v95627	v95628	v95629
Greece	v95630	v95631	v95632	v95633	v95634	v95635	v95636	v95637	v95638
Ireland	v95675	v95676	v95677	v95678	v95679	v95680	v95681	v95682	v95683
Italy	v95693	v95694	v95695	v95696	v95697	v95698	v95699	v95700	v95701
Netherlands	v95738	v95739	v95740	v95741	v95742	v95743	v95744	v95745	v95746
Norway	v95756	v95757	v95758	v95759	v95760	v95761	v21200569	v95762	v95763
Poland	v823126	v823127	v823128	v823129	v823130	v823131	v823132	v823133	v823134
Portugal	v95782	v95783	v95784	v95785	v95786	v95787	v95788	v95789	v95790
Russia	v823135	v823136	v823137	v823138	v823139	v823140	v823141	v823142	v823143
Spain	v95818	v95819	v95820	v95821	v95822	v95823	v95824	v95825	v95826
Sweden	v95827	v95828	v95829	v95830	v95831	v95832	v95833	v95834	v95835
Switzerland	v95836	v95837	v95838	v95839	v95840	v95841	v95842	v95843	v95844
Turkey	v95872	v95873	v95874	v95875	v95876	v95877	v95878	v95879	v95880
United Kingdom	v2068341	v2068342	v2068343	v2068344	v2068345	v2068346	v2068347	v2068348	v2068349
Other Europe in Organisation for Economic Co-operation and Development (OECD) 2	v13937140	v13937141	v13937142	v13937143	v13937144	v13937145	v13937146	v13937147	v13937148
Other Europe not in Organisation for Economic Co-operation and Development (OECD) 2	v2068359	v2068360	v2068361	v2068362	v2068363	v2068364	v2068365	v2068366	v2068367
Middle East	v2068368	v2068369	v2068370	v2068371	v2068372	v2068373	v2068374	v2068375	v2068376
Iran	v95666	v95667	v95668	v95669	v95670	v95671	v95672	v95673	v95674
Israel	v95684	v95685	v95686	v95687	v95688	v95689	v95690	v95691	v95692
Saudi Arabia	v95791	v95792	v95793	v95794	v95795	v95796	v95797	v95798	v95799
Other Middle East 2	v2068377	v2068378	v2068379	v2068380	v2068381	v2068382	v2068383	v2068384	v2068385
Africa	v2068386	v2068387	v2068388	v2068389	v2068390	v2068391	v2068392	v2068393	v2068394
Egypt	v95594	v95595	v95596	v95597	v95598	v95599	v95600	v95601	v95602
Ivory Coast	v823108	v823109	v823110	v823111	v823112	v823113	v823114	v823115	v823116
Maghreb Countries	v13937149	v13937150	v13937151	v13937152	v13937153	v13937154	v13937155	v13937156	v13937157
Nigeria	v823117	v823118	v823119	v823120	v823121	v823122	v823123	v823124	v823125
Senegal	v823144	v823145	v823146	v823147	v823148	v823149	v823150	v823151	v823152
South Africa	v95809	v95810	v95811	v95812	v95813	v95814	v95815	v95816	v95817
Other Africa 2	v2068395	v2068396	v2068397	v2068398	v2068399	v2068400	v2068401	v2068402	v2068403
Central and East Asia	v2068404	v2068405	v2068406	v2068407	v2068408	v2068409	v2068410	v2068411	v2068412
China	v95576	v95577	v95578	v95579	v95580	v95581	v95582	v95583	v95584
Hong Kong, China	v95639	v95640	v95641	v95642	v95643	v95644	v95645	v95646	v95647
India	v95648	v95649	v95650	v95651	v95652	v95653	v95654	v95655	v95656
Indonesia	v95657	v95658	v95659	v95660	v95661	v95662	v95663	v95664	v95665
Japan	v2092282	v2092283	v2092284	v2092285	v2092286	v2092287	v2092288	v2092289	v2092290
Republic of Korea	v95711	v95712	v95713	v95714	v95715	v95716	v95717	v95718	v95719
Malaysia	v95720	v95721	v95722	v95723	v95724	v95725	v95726	v95727	v95728
Pakistan	v95764	v95765	v95766	v95767	v95768	v95769	v95770	v95771	v95772
Philippines	v95773	v95774	v95775	v95776	v95777	v95778	v95779	v95780	v95781
Singapore	v95800	v95801	v95802	v95803	v95804	v95805	v95806	v95807	v95808
Taiwan	v95845	v95846	v95847	v95848	v95849	v95850	v95851	v95852	v95853
Thailand	v95854	v95855	v95856	v95857	v95858	v95859	v95860	v95861	v95862
Vietnam	v823153	v823154	v823155	v823156	v823157	v823158	v823159	v823160	v823161
Other Central and East Asia 2	v2068413	v2068414	v2068415	v2068416	v2068417	v2068418	v2068419	v2068420	v2068421
Oceania	v2068422	v2068423	v2068424	v2068425	v2068426	v2068427	v2068428	v2068429	v2068430
Australia	v95504	v95505	v95506	v95507	v95508	v95509	v95510	v95511	v95512
New Zealand	v95747	v95748	v95749	v95750	v95751	v95752	v95753	v95754	v95755
Other Oceania 2	v2068431	v2068432	v2068433	v2068434	v2068435	v2068436	v2068437	v2068438	v2068439
South America	v2068440	v2068441	v2068442	v2068443	v2068444	v2068445	v2068446	v2068447	v2068448
Argentina	v95495	v95496	v95497	v95498	v95499	v95500	v95501	v95502	v95503
Brazil	v95558	v95559	v95560	v95561	v95562	v95563	v95564	v95565	v95566
Chile	v95567	v95568	v95569	v95570	v95571	v95572	v95573	v95574	v95575
Colombia	v823090	v823091	v823092	v823093	v823094	v823095	v823096	v823097	v823098
Venezuela	v95881	v95882	v95883	v95884	v95885	v95886	v95887	v95888	v95889
Other South America 2	v2068449	v2068450	v2068451	v2068452	v2068453	v2068454	v2068455	v2068456	v2068457

See footnotes at the end of the table.

Text table 7 – continued

Additional geographic breakouts of international services transactions, summary

	Receipts				Payments				Balances
	Receipts, total	Travel	Commercial services	Transportation and government services	Payments, total	Travel	Commercial services	Transportation and government services	Balance, total
Antilles	v13937122	v13937123	v13937124	v13937125	v13937126	v13937127	v13937128	v13937129	v13937130
Bahamas	v95522	v95523	v95524	v95525	v95526	v95527	v95528	v95529	v95530
Barbados	v95531	v95532	v95533	v95534	v95535	v95536	v95537	v95538	v95539
Bermuda	v95549	v95550	v95551	v95552	v95553	v95554	v95555	v95556	v95557
Jamaica	v95702	v95703	v95704	v95705	v95706	v95707	v95708	v95709	v95710
Trinidad and Tobago	v95863	v95864	v95865	v95866	v95867	v95868	v95869	v95870	v95871
Other Antilles ²	v13937131	v13937132	v13937133	v13937134	v13937135	v13937136	v13937137	v13937138	v13937139
Central America	v2068458	v2068459	v2068460	v2068461	v2068462	v2068463	v2068464	v2068465	v2068466
Costa Rica	v823099	v823100	v823101	v823102	v823103	v823104	v823105	v823106	v823107
El Salvador	v2068296	v2068297	v2068298	v2068299	v2068300	v2068301	v2068302	v2068303	v2068304
Guatemala	v2068305	v2068306	v2068307	v2068308	v2068309	v2068310	v2068311	v2068312	v2068313
Honduras	v2068314	v2068315	v2068316	v2068317	v2068318	v2068319	v2068320	v2068321	v2068322
Mexico	v95729	v95730	v95731	v95732	v95733	v95734	v95735	v95736	v95737
Nicaragua	v2068323	v2068324	v2068325	v2068326	v2068327	v2068328	v2068329	v2068330	v2068331
Other Central America ²	v2068467	v2068468	v2068469	v2068470	v2068471	v2068472	v2068473	v2068474	v2068475
International institutions	v13937158	v13937159	v13937160	v13937161	v13937162	v13937163	v13937164	v13937165	v13937166

1. Prior 1991, Germany refers only to West Germany.

2. Include values not allocated to specific countries in that regions.

Note: CANSIM table 376-0036

Appendix II

Glossary on Foreign Affiliate Trade Statistics

Classification – Product or industry

The GATS requires information on the sales of services from foreign affiliates on a product basis. However, at the present time no country is in a position to collect sufficient data at this level. The new *Manual on Statistics of International Trade-in-Services* has recommended that compilers proceed on an industry or economic activity basis for the present time. In Canadian FATS, the activity of each foreign affiliate is collected on the basis of the North American Industry Classification System (NAICS).

Country of origin

Most countries compile foreign direct investment statistics according to the *Balance of Payments Manual* (5th Edition, International Monetary Fund, 1993), which recommends that direct investment position statistics be allocated to the immediate host or investing country. Therefore, given the current situation, the immediate basis will be accepted as the most expedient way of producing FATS. In the longer-term, the UBO (Ultimate Beneficial Owner) approach is encouraged. Ideally, reporting countries would report on both bases for different analytical purposes.

Economic variables

i) Sales or Gross operating revenue

Enterprises are instructed to exclude investment income from gross operating revenue, as it is conceptually different from sales. Special instructions are provided for banks, insurance companies and holding companies where the definition of sales can be more complex.

ii) Employment

Enterprises are asked to report the average annual number of employees for each foreign affiliate.

Foreign direct investment (FDI)

FDI is an investment of a resident entity in one economy obtaining a lasting interest in an enterprise resident in another economy. The lasting interest implies the existence of a long-term relationship between the direct investor and the enterprise and a significant degree of influence by the investor on the management of the enterprise. Outward FDI is synonymous with Canadian direct investment abroad (CDIA).

Ownership

For purposes of FATS, majority-owned foreign affiliates, that is enterprises in which the direct investor owns more than 50% of the voting shares, are included in the universe. Economic variables are attributed in their entirety to a single country and are not factored down by ownership shares.

Foreign affiliate trade statistics definitions, data sources and methods: survey number 1529.

For more information, or to enquire about the concepts, methods or data quality of this release, contact Michael Marth (613-951-6868; michael.marth@statcan.ca), Balance of Payments Division.