

earnings in 1995. Switzerland made the largest payments of compensation to foreign employees in 1995, but the fastest growth in payments was recorded by Israel.

There is no record in the BOP statistics of the activities of natural persons who are resident for longer than one year, except that workers' remittances capture the transfers that they make. Employment data from FAT statistics (such as number of employees and compensation of employees) would be relevant, when it becomes available, especially if it distinguishes between "national" and "foreign" employees.

**Table 11: Compensation of employees by originating and host country in 1994-95**

(Million dollars and percentage)

| Rank | Credit             | 1995 | 1994 | Percentage<br>change | Rank | Debit              | 1995 | 1994 | Percentage<br>change |
|------|--------------------|------|------|----------------------|------|--------------------|------|------|----------------------|
| 1    | Philippines        | 4928 | 3009 | 63.8                 | 1    | Switzerland        | 7054 | 6078 | 16.1                 |
| 2    | Belgium-Luxembourg | 4513 | 3524 | 28.1                 | 2    | Germany            | 6350 | 5350 | 18.7                 |
| 3    | Germany            | 4480 | 4340 | 3.2                  | 3    | France             | 5362 | 4769 | 12.4                 |
| 4    | France             | 4460 | 3695 | 20.7                 | 4    | Belgium-Luxembourg | 2507 | 1712 | 46.4                 |
| 5    | Italy              | 1934 | 1901 | 1.7                  | 5    | Japan              | 1820 | 1580 | 15.2                 |
| 6    | Thailand           | 1695 | 1281 | 32.3                 | 6    | Italy              | 1447 | 1922 | -24.7                |
| 7    | Switzerland        | 1233 | 1060 | 16.3                 | 7    | United States      | 1360 | 1330 | 2.3                  |
| 8    | Japan              | 1150 | 870  | 32.2                 | 8    | Netherlands        | 1083 | 760  | 42.5                 |
| 9    | Austria            | 973  | 845  | 15.1                 | 9    | Israel             | 650  | 268  | 142.5                |
| 10   | Mexico             | 695  | 647  | 7.4                  | 10   | Bahrain            | 593  | 506  | 17.2                 |
| 11   | Netherlands        | 666  | 511  | 30.3                 | 11   | Russian Fed.       | 469  | 221  | 112.2                |
| 12   | Denmark            | 523  | 439  | 19.1                 | 12   | India              | 419  | 351  | 19.4                 |
| 13   | Australia          | 431  | 387  | 11.4                 | 13   | South Africa       | 413  | 621  | -33.5                |
| 14   | Ireland            | 347  | 324  | 7.1                  | 14   | Austria            | 340  | 292  | 16.4                 |
| 15   | Greece             | 304  | 310  | -1.9                 | 15   | Australia          | 306  | 235  | 30.2                 |
| 16   | South Africa       | 205  | 184  | 11.4                 | 16   | Greece             | 300  | 222  | 35.1                 |
| 17   | Czech Rep.         | 189  | 164  | 15.2                 | 17   | Sweden             | 289  | 203  | 42.4                 |
| 18   | Russian Fed.       | 167  | 108  | 54.6                 | 18   | Ecuador            | 255  | 210  | 21.4                 |
| 19   | Slovenia           | 166  | 153  | 8.5                  | 19   | Poland             | 251  | 130  | 93.1                 |
| 20   | United States      | 160  | 160  | 0.0                  | 20   | Brazil             | 218  | 190  | 14.7                 |

Source: IMF Balance of Payments Statistics.

## VI. CONCLUSIONS

This paper has drawn together a variety of data to construct a general, but necessarily incomplete, picture of services trade. In the near future, data availability is likely to improve for three reasons: First, more countries are expected to report statistics according to the relatively disaggregated classification introduced in the 5th edition of the IMF's BOP Manual. Second, as mentioned, several OECD countries have begun pilot studies on statistics for the commercial presence mode of supply, referred to as Foreign Affiliates Trade statistics. Finally, the Inter-Agency Task Force on Trade in Services Statistics is developing an international manual which seeks to harmonize classification and collection methodologies.

Meanwhile, further work could be undertaken to obtain some indirect estimates of the importance of the two modes for which little information exists: commercial presence and presence of natural persons. The Secretariat could, for instance, explore the existing statistics on foreign direct investment, and any employment and migration statistics that can be found.

It would be misleading, however, to end on an optimistic note as we are a long way from bridging the gap between GATS negotiations' demands and statistical availability. The conclusion of a previous Secretariat paper is still valid: "Improving services statistics is a long term process that depends primarily on efforts by national statistical agencies to employ the appropriate methodologies and a willingness on the part of government to meet the resource costs involved".

## ANNEX A

Table A1: Share of goods and commercial services in total trade of selected regions and economies, 1995

(Billion dollars and percentage, based on balance of payments data)

|                            | Exports |                  |                     | Imports |                  |                     |
|----------------------------|---------|------------------|---------------------|---------|------------------|---------------------|
|                            | Value   | Percentage share |                     | Value   | Percentage share |                     |
|                            | Total   | Goods            | Commercial services | Total   | Goods            | Commercial services |
| World                      | 6,240   | 80.9             | 19.1                | 6,130   | 80.3             | 19.7                |
| North America              | 978     | 78.5             | 21.5                | 1,075   | 85.3             | 14.7                |
| Canada                     | 211     | 90.0             | 10.0                | 197     | 85.1             | 14.9                |
| United States              | 767     | 75.3             | 24.7                | 878     | 85.4             | 14.6                |
| Latin America              | 276     | 84.3             | 15.7                | 286     | 82.0             | 18.0                |
| Argentina                  | 24      | 88.4             | 11.6                | 24      | 79.5             | 20.5                |
| Brazil                     | 53      | 88.6             | 11.4                | 63      | 79.1             | 20.9                |
| Chile                      | 19      | 84.0             | 16.0                | 18      | 82.1             | 17.9                |
| Colombia                   | 14      | 75.6             | 24.4                | 16      | 80.0             | 20.0                |
| Mexico                     | 88      | 90.1             | 9.9                 | 82      | 88.6             | 11.4                |
| Venezuela                  | 20      | 93.3             | 6.7                 | 16      | 71.1             | 28.9                |
| Western Europe             | 2,764   | 79.0             | 21.0                | 2,608   | 78.6             | 21.4                |
| Austria                    | 97      | 74.7             | 25.3                | 100     | 77.9             | 22.1                |
| Belgium-Luxembourg         | 189     | 82.0             | 18.0                | 178     | 81.4             | 18.6                |
| Denmark                    | 64      | 76.9             | 23.1                | 56      | 75.1             | 24.9                |
| Finland                    | 48      | 84.4             | 15.6                | 38      | 74.8             | 25.2                |
| France                     | 366     | 73.8             | 26.2                | 336     | 77.1             | 22.9                |
| Germany                    | 604     | 86.6             | 13.4                | 589     | 77.6             | 22.1                |
| Greece                     | 15      | 38.3             | 61.7                | 24      | 83.6             | 16.4                |
| Ireland                    | 49      | 90.3             | 9.7                 | 42      | 73.3             | 26.7                |
| Italy                      | 299     | 78.2             | 21.8                | 254     | 74.5             | 25.5                |
| Netherlands                | 222     | 78.7             | 21.3                | 199     | 77.2             | 22.8                |
| Norway (a)                 | 57      | 74.2             | 25.8                | 48      | 66.0             | 34.0                |
| Portugal                   | 32      | 74.7             | 25.3                | 39      | 83.8             | 16.2                |
| Spain                      | 131     | 69.7             | 30.3                | 130     | 83.4             | 16.6                |
| Sweden                     | 94      | 83.9             | 16.1                | 80      | 78.7             | 21.3                |
| Switzerland                | 123     | 78.8             | 21.2                | 109     | 85.9             | 14.1                |
| Turkey                     | 36      | 60.3             | 39.7                | 40      | 88.3             | 11.7                |
| United Kingdom             | 312     | 77.4             | 22.6                | 318     | 81.8             | 18.2                |
| Africa                     | 137     | 81.8             | 18.2                | 153     | 77.2             | 22.8                |
| Algeria (a)                | 11      | 96.6             | 3.4                 | 10      | 87.3             | 12.7                |
| Egypt                      | 13      | 36.1             | 63.9                | 17      | 73.1             | 26.9                |
| Libyan Arab Jamahiriya (a) | 8       | 98.6             | 1.4                 | 8       | 81.1             | 18.9                |
| Morocco                    | 9       | 78.7             | 21.3                | 11      | 85.9             | 14.1                |
| Nigeria (a)                | 11      | 96.4             | 3.6                 | 11      | 72.1             | 27.9                |
| South Africa               | 33      | 87.1             | 12.9                | 33      | 81.3             | 18.7                |
| Tunisia                    | 8       | 69.5             | 30.5                | 9       | 85.7             | 14.3                |
| Asia                       | 1,668   | 84.1             | 15.9                | 1,619   | 79.7             | 20.3                |
| Australia                  | 69      | 77.4             | 22.6                | 74      | 77.6             | 22.4                |
| China                      | 147     | 87.4             | 12.6                | 135     | 81.7             | 18.3                |
| Hong Kong, China           | 210     | 82.9             | 17.1                | 215     | 90.0             | 10.0                |
| India                      | 38      | 82.2             | 17.8                | 46      | 78.2             | 21.8                |
| Indonesia                  | 51      | 89.0             | 11.0                | 53      | 75.1             | 24.9                |
| Japan                      | 493     | 87.0             | 13.0                | 418     | 71.0             | 29.0                |
| Korea, Rep. of             | 148     | 83.1             | 16.9                | 155     | 82.3             | 17.7                |
| Malaysia                   | 83      | 86.6             | 13.4                | 86      | 83.5             | 16.5                |
| New Zealand                | 18      | 76.1             | 23.9                | 17      | 73.2             | 26.8                |
| Philippines                | 27      | 65.2             | 34.8                | 33      | 79.3             | 20.7                |
| Singapore                  | 148     | 80.3             | 19.7                | 134     | 87.7             | 12.3                |
| Taipei, Chinese            | 126     | 87.8             | 12.2                | 121     | 80.3             | 19.7                |
| Thailand                   | 70      | 79.1             | 20.9                | 82      | 77.3             | 22.7                |
| Memorandum item:           |         |                  |                     |         |                  |                     |
| European Union (15)        | 2,523   | 79.5             | 20.5                | 2,383   | 78.4             | 21.6                |

(a) WTO Secretariat estimates.

(b) The shares are affected by very large amounts of imports of goods for re-export. For example, excluding the re-exports of goods, commercial services exports exceed domestic exports of goods in the case of Hong Kong, China.

Source: WTO Annual Report 1997 (forthcoming)

Table A2: World exports of commercial services by selected region, 1985-96

(Billion dollars and percentage)

|                     | Value | Share |       |       | Annual percentage change |      |      |      |
|---------------------|-------|-------|-------|-------|--------------------------|------|------|------|
|                     | 1996  | 1985  | 1990  | 1996  | 1993                     | 1994 | 1995 | 1996 |
| World               | 1,260 | 100.0 | 100.0 | 100.0 | 1                        | 9    | 14   | 5    |
| North America       | 225   | 18.9  | 19.0  | 17.9  | 1                        | 7    | 8    | 7    |
| United States       | 202   | 16.6  | 17.0  | 16.1  | 1                        | 6    | 8    | 7    |
| Latin America       | 47    | 4.6   | 3.6   | 3.7   | 6                        | 12   | 8    | 8    |
| Mexico (a)          | 10    | 1.2   | 0.9   | 0.8   | 2                        | 5    | 1    | 12   |
| Brazil (a)          | 7     | 0.5   | 0.5   | 0.6   | -2                       | 23   | 25   | 18   |
| Western Europe      | 603   | 50.7  | 53.8  | 48.0  | -5                       | 8    | 14   | 3    |
| European Union (15) | 538   | 44.7  | 47.9  | 42.8  | -5                       | 8    | 14   | 3    |
| Africa              | ...   | 3.0   | 2.3   | ...   | 1                        | 3    | 10   | .    |
| Egypt               | ...   | 0.8   | 0.6   | ...   | 0                        | 9    | 7    | .    |
| South Africa        | ...   | 0.5   | 0.4   | ...   | -2                       | 11   | 12   | ..   |
| Asia (b)            | 286   | 16.1  | 16.6  | 22.7  | 14                       | 18   | 19   | 8    |
| Japan               | 66    | 5.4   | 5.1   | 5.3   | 8                        | 10   | 13   | 4    |

(a) Includes WTO Secretariat estimates.

(b) Excludes the Middle East.

Note: Growth rates and rankings are affected by continuity breaks in the series for a large number of economies, and by limitations in cross-country comparability.

Source: WTO Annual Report 1997 (forthcoming).

Table A3: World imports of commercial services by selected region, 1985-96

(Billion dollars and percentage)

|                     | Value | Share |       |       | Annual percentage change |      |      |      |
|---------------------|-------|-------|-------|-------|--------------------------|------|------|------|
|                     | 1996  | 1985  | 1990  | 1996  | 1993                     | 1994 | 1995 | 1996 |
| World               | 1,265 | 100.0 | 100.0 | 100.0 | 1                        | 9    | 15   | 5    |
| North America       | 167   | 17.4  | 14.8  | 13.2  | 6                        | 8    | 7    | 6    |
| United States       | 135   | 14.3  | 11.8  | 10.7  | 7                        | 9    | 7    | 5    |
| Latin America       | 57    | 5.5   | 4.1   | 4.5   | 11                       | 9    | 3    | 10   |
| Mexico (a)          | 11    | 1.3   | 1.2   | 0.8   | 1                        | 8    | -27  | 14   |
| Brazil (a)          | 15    | 0.9   | 0.8   | 1.2   | 39                       | 7    | 34   | 15   |
| Western Europe      | 573   | 41.3  | 49.1  | 45.2  | -6                       | 8    | 16   | 2    |
| European Union (15) | 530   | 37.0  | 44.0  | 41.8  | -6                       | 8    | 16   | 3    |
| Africa              | ...   | 5.2   | 3.2   | ...   | 5                        | 4    | 6    | ...  |
| South Africa        | ...   | 0.6   | 0.5   | ...   | 5                        | 7    | 18   | ...  |
| Egypt               | ...   | 0.7   | 0.4   | ...   | 11                       | 4    | -16  | ...  |
| Asia (b)            | 354   | 20.4  | 22.0  | 27.9  | 9                        | 15   | 21   | 8    |
| Japan               | 129   | 8.7   | 10.5  | 10.2  | 3                        | 10   | 15   | 6    |

(a) Includes WTO Secretariat estimates

(b) Excludes the Middle East

Note: Growth rates and rankings are affected by continuity breaks in the series for a large number of economies, and by limitations in cross-country comparability.

Source: WTO Annual Report 1997 (forthcoming)

Table A4: World trade in commercial services by category, 1990-96

(Billion dollars and percentage)

|                           | Value | Share |       | Annual percentage change |      |      |      |
|---------------------------|-------|-------|-------|--------------------------|------|------|------|
|                           | 1996  | 1990  | 1996  | 1993                     | 1994 | 1995 | 1996 |
| Exports                   |       |       |       |                          |      |      |      |
| All commercial services   | 1,260 | 100.0 | 100.0 | 1                        | 9    | 14   | 5    |
| Transportation            | 315   | 28.2  | 25.0  | 0                        | 10   | 13   | 2    |
| Travel                    | 415   | 32.5  | 32.9  | 1                        | 8    | 14   | 6    |
| Other commercial services | 530   | 39.4  | 42.1  | 1                        | 10   | 15   | 7    |
| Imports                   |       |       |       |                          |      |      |      |
| All commercial services   | 1,265 | 100.0 | 100.0 | 1                        | 9    | 15   | 5    |
| Transportation            | 375   | 31.7  | 29.7  | 0                        | 10   | 15   | 1    |
| Travel                    | 390   | 31.3  | 30.8  | -2                       | 8    | 14   | 4    |
| Other commercial services | 500   | 37.0  | 39.5  | 4                        | 8    | 16   | 8    |

Note: Growth rates and shares are affected by continuity breaks in the series. Exports of transportation services are significantly under-reported.

Source: WTO Annual Report 1997 (forthcoming).

Table A5: World trade in "other commercial services" by category, 1994-96

(Percentage)

|                                     | Share |      |      |
|-------------------------------------|-------|------|------|
|                                     | 1994  | 1995 | 1996 |
| Other commercial services           | 100   | 100  | 100  |
| Communications                      | 5     | 5    | 5    |
| Construction                        | 7     | 9    | 8    |
| Insurance                           | 9     | 9    | 9    |
| Financial                           | 8     | 8    | 8    |
| Computer and information            | 3     | 3    | 4    |
| Royalties and licence fees          | 12    | 13   | 14   |
| Other businesses                    | 53    | 50   | 49   |
| Personal, cultural and recreational | 3     | 3    | 3    |

Source: Estimated by the WTO Secretariat from IMF Balance-of-Payments Statistics.

Table A6: Leading exporters and importers in world trade in commercial services, 1995

(Billion dollars and percentage)

| Rank | Exporters          | Value   | Share | Annual percentage change | Rank | Importers          | Value   | Share | Annual percentage change |
|------|--------------------|---------|-------|--------------------------|------|--------------------|---------|-------|--------------------------|
| 1    | United States      | 189.5   | 15.9  | 8                        | 1    | Germany            | 131.6   | 10.9  | 21                       |
| 2    | France             | 96.0    | 8.1   | 8                        | 2    | United States      | 128.4   | 10.6  | 7                        |
| 3    | Germany            | 80.5    | 6.8   | 27                       | 3    | Japan              | 121.6   | 10.1  | 15                       |
| 4    | United Kingdom     | 70.6    | 5.9   | 15                       | 4    | France             | 76.9    | 6.4   | 11                       |
| 5    | Italy              | 65.3    | 5.5   | 16                       | 5    | Italy              | 64.7    | 5.4   | 17                       |
| 6    | Japan              | 64.0    | 5.4   | 13                       | 6    | United Kingdom     | 57.9    | 4.8   | 11                       |
| 7    | Netherlands        | 47.3    | 4.0   | 12                       | 7    | Netherlands        | 45.3    | 3.8   | 11                       |
| 8    | Spain              | 39.6    | 3.3   | 17                       | 8    | Belgium-Luxembourg | 33.0    | 2.7   | ..                       |
| 9    | Hong Kong, China   | 35.9    | 3.0   | 16                       | 9    | Canada             | 29.3    | 2.4   | 4                        |
| 10   | Belgium-Luxembourg | 34.1    | 2.9   | ...                      | 10   | Austria            | 28.5    | 2.3   | ...                      |
| 11   | Austria            | 33.2    | 2.8   | 16                       | 11   | Korea, Rep. of     | 27.5    | 2.3   | 36                       |
| 12   | Singapore          | 29.3    | 2.5   | 26                       | 12   | China              | 24.6    | 2.0   | 57                       |
| 13   | Switzerland        | 26.1    | 2.2   | 14                       | 13   | Taipei, Chinese    | 23.8    | 2.0   | 13                       |
| 14   | Korea, Rep. of     | 25.1    | 2.1   | 33                       | 14   | Spain              | 21.6    | 1.8   | 17                       |
| 15   | Canada             | 21.2    | 1.8   | 10                       | 15   | Hong Kong, China   | 21.5    | 1.8   | 15                       |
| 16   | China              | 18.4    | 1.5   | 14                       | 16   | Russian Fed        | 18.8    | 1.6   | 22                       |
| 17   | Australia          | 15.5    | 1.3   | 14                       | 17   | Thailand           | 18.6    | 1.5   | 22                       |
| 18   | Taipei, Chinese    | 15.4    | 1.3   | 14                       | 18   | Sweden             | 17.1    | 1.4   | 17                       |
| 19   | Sweden             | 15.2    | 1.3   | 13                       | 19   | Singapore          | 16.5    | 1.4   | 23                       |
| 20   | Denmark            | 14.7    | 1.2   | 8                        | 20   | Australia          | 16.5    | 1.4   | 11                       |
| 21   | Thailand           | 14.7    | 1.2   | 28                       | 21   | Norway (a)         | 16.6    | 1.4   | 16                       |
| 22   | Norway (a)         | 14.8    | 1.2   | 14                       | 22   | Switzerland        | 15.4    | 1.3   | 20                       |
| 23   | Turkey             | 14.5    | 1.2   | 35                       | 23   | Malaysia           | 14.3    | 1.2   | 20                       |
| 24   | Malaysia           | 11.1    | 0.9   | 21                       | 24   | Denmark            | 14.0    | 1.2   | 17                       |
| 25   | Russian Fed.       | 10.1    | 0.8   | 12                       | 25   | Indonesia          | 13.2    | 1.1   | 18                       |
| 26   | Greece             | 9.5     | 0.8   | 4                        | 26   | Brazil             | 13.2    | 1.1   | 34                       |
| 27   | Philippines        | 9.3     | 0.8   | 38                       | 27   | Ireland            | 11.3    | 0.9   | 34                       |
| 28   | Mexico             | 8.8     | 0.7   | 1                        | 28   | India              | 10.1    | 0.8   | 25                       |
| 29   | Poland             | 8.6     | 0.7   | ...                      | 29   | Finland            | 9.5     | 0.8   | 37                       |
| 30   | Egypt              | 8.3     | 0.7   | 7                        | 30   | Mexico             | 9.3     | 0.8   | -27                      |
| 31   | Portugal           | 8.1     | 0.7   | 21                       | 31   | Israel             | 9.2     | 0.8   | 14                       |
| 32   | Israel             | 7.8     | 0.7   | 18                       | 32   | Saudi Arabia (a)   | 8.7     | 0.7   | -3                       |
| 33   | Finland            | 7.5     | 0.6   | 32                       | 33   | Poland             | 7.0     | 0.6   | ...                      |
| 34   | India              | 6.8     | 0.6   | 12                       | 34   | Philippines        | 6.9     | 0.6   | 49                       |
| 35   | Czech Rep.         | 6.6     | 0.6   | 37                       | 35   | Portugal           | 6.3     | 0.5   | 20                       |
| 36   | Brazil             | 6.0     | 0.5   | 25                       | 36   | South Africa       | 6.2     | 0.5   | 18                       |
| 37   | Indonesia          | 5.6     | 0.5   | 19                       | 37   | Czech Rep.         | 4.9     | 0.4   | 17                       |
| 38   | Ireland            | 4.8     | 0.4   | 16                       | 38   | Argentina          | 4.8     | 0.4   | -8                       |
| 39   | South Africa       | 4.3     | 0.4   | 12                       | 39   | Venezuela          | 4.7     | 0.4   | 4                        |
| 40   | New Zealand        | 4.2     | 0.4   | 18                       | 40   | Turkey             | 4.7     | 0.4   | 36                       |
|      | Total of above     | 1,108.0 | 92.5  | 14                       |      | Total of above     | 1,114.0 | 91.6  | 16                       |
|      | World              | 1,200.0 | 100.0 | 14                       |      | World              | 1,215.0 | 100.0 | 15                       |

(a) WTO Secretariat estimates.

Note: Annual percentage changes and rankings are affected by continuity breaks in the series for a large number of economies, and by limitations in cross-country comparability.

Source: WTO Annual Report 1997 (forthcoming)

**Table A7: Share of top five and top ten exporters and importers of commercial services in 1995**

(Percentage)

| Service sector                               | Share of top 5 exporters in total reported | Share of top 10 exporters in total reported | Estimated share of total reported in world exports | Share of top 5 importers in total reported | Share of top 10 importers in total reported | Estimated share of total reported in world imports |
|--|--|---|--|--|---|--|
| Transportation                               | 44   | 66  | 100  | 43   | 60  | 100  |
| Travel                                       | 45   | 61  | 100  | 49   | 66  | 100  |
| Communications                               | 49   | 67  | 83   | 67   | 81  | 81   |
| Construction                                 | 61   | 91  | 73   | 69   | 93  | 71   |
| Insurance                                    | 69   | 84  | 94   | 60   | 72  | 93   |
| Financial                                    | 61   | 92  | 81   | 71   | 87  | 72   |
| Computer and information                     | 70   | 98  | 49   | 71   | 96  | 50   |
| Royalties and licence fees                   | 89   | 97  | 83   | 60   | 81  | 84   |
| Other business services                      | 43   | 65  | 100  | 42   | 60  | 100  |
| Personal, cultural and recreational services | 82   | 93  | 76   | 61   | 88  | 75   |

Source: Estimated by the WTO Secretariat from IMF Balance-of-Payments Statistics.

Table A8: Leading exporters and importers of transportation services, 1995

(Billion dollars and percentage)

|                    | Value | Share in world<br>exports/imports |      |      | Annual percentage change |      |      |      |
|--------------------|-------|-----------------------------------|------|------|--------------------------|------|------|------|
|                    | 1995  | 1985                              | 1990 | 1995 | 1992                     | 1993 | 1994 | 1995 |
| <b>Exporters</b>   |       |                                   |      |      |                          |      |      |      |
| United States      | 46.6  | 15.2                              | 16.8 | 15.0 | 3                        | 1    | 6    | 9    |
| Japan              | 22.5  | 9.7                               | 7.9  | 7.3  | 5                        | 2    | 7    | 11   |
| France             | 20.5  | 6.1                               | 7.2  | 6.6  | 6                        | -4   | -2   | 19   |
| Germany            | 20.0  | 6.2                               | 6.6  | 6.4  | 10                       | -5   | 5    | 17   |
| Netherlands        | 19.6  | 5.4                               | 5.9  | 6.3  | 18                       | -4   | 7    | 14   |
| United Kingdom     | 16.9  | 6.4                               | 6.3  | 5.5  | 10                       | -4   | 10   | 11   |
| Italy              | 14.9  | 3.5                               | 4.6  | 4.8  | 1                        | 4    | 8    | 16   |
| Hong Kong, China   | 13.1  | 2.5                               | 3.1  | 4.2  | 14                       | 9    | 13   | 12   |
| Korea, Rep. of     | 10.6  | 1.6                               | 1.6  | 3.4  | 13                       | 22   | 32   | 30   |
| Belgium-Luxembourg | 9.9   | 2.6                               | 3.2  | 3.2  | 3                        | -5   | 28   | 3    |
| Norway (a)         | 8.5   | 4.1                               | 3.8  | 2.8  | -11                      | -6   | 0    | 14   |
| Denmark            | 6.8   | 1.7                               | 1.8  | 2.2  | 7                        | 10   | 14   | 10   |
| Spain              | 5.9   | 2.4                               | 2.1  | 1.9  | 1                        | -12  | 20   | 16   |
| Taipei, Chinese    | 5.3   | 0.9                               | 1.2  | 1.7  | 3                        | 14   | 18   | 20   |
| Sweden             | 5.0   | 2.0                               | 2.1  | 1.6  | 7                        | -16  | 2    | 14   |
| Above 15           | 226.0 | 70.3                              | 74.4 | 73.0 | 6                        | -1   | 9    | 13   |
| <b>Importers</b>   |       |                                   |      |      |                          |      |      |      |
| United States      | 43.5  | 14.7                              | 13.5 | 11.7 | 2                        | 5    | 9    | 6    |
| Japan              | 35.9  | 9.8                               | 10.1 | 9.7  | 3                        | 6    | 10   | 13   |
| Germany            | 26.6  | 6.0                               | 6.8  | 7.2  | 11                       | -7   | 8    | 20   |
| Italy              | 23.4  | 4.2                               | 5.4  | 6.3  | 15                       | -6   | 15   | 25   |
| France             | 21.3  | 4.8                               | 6.6  | 5.7  | 9                        | -5   | -4   | 18   |
| United Kingdom     | 17.3  | 5.8                               | 5.7  | 4.7  | 10                       | -8   | 14   | 7    |
| Netherlands        | 14.3  | 4.2                               | 4.3  | 3.9  | 10                       | -1   | 6    | 4    |
| Korea, Rep. of     | 10.7  | 1.2                               | 1.7  | 2.9  | 11                       | 12   | 16   | 35   |
| China              | 9.5   | 1.0                               | 1.2  | 2.6  | 72                       | 27   | 39   | 25   |
| Taipei, Chinese    | 7.9   | 1.3                               | 1.7  | 2.1  | 13                       | 18   | 1    | 23   |
| Thailand           | 7.8   | 0.8                               | 1.4  | 2.1  | 8                        | 10   | 17   | 33   |
| Belgium-Luxembourg | 7.7   | 2.0                               | 2.3  | 2.1  | -3                       | -11  | 31   | 0    |
| Norway (a)         | 6.4   | 2.3                               | 2.1  | 1.7  | 1                        | -12  | 12   | 16   |
| Spain              | 6.3   | 1.3                               | 1.8  | 1.7  | 6                        | -11  | 15   | 23   |
| Australia          | 6.3   | 2.1                               | 1.7  | 1.7  | 3                        | 0    | 23   | 15   |
| Above 15           | 245.0 | 61.5                              | 66.4 | 65.9 | 8                        | 0    | 11   | 15   |

(a) Includes WTO Secretariat estimates.

Note: Growth rates and rankings are affected by continuity breaks in the series for a large number of economies, and by limitations in cross-country comparability. Exports of transportation services are often significantly under-reported.

Source: WTO Annual Report 1997 (forthcoming).



Table A9: World seaborne trade for the year 1970, 1993, 1994 and 1995<sup>(a)</sup> by types of cargo and country groups

| Country group   | Year | Goods loaded  |          |       |       | Goods unloaded |          |       |       |
|---|------|---|----------|-------|-------|----------------|----------|-------|-------|
|   |      | Oil   |          | Dry   | Total | Oil            |          | Dry   | Total |
|   |      | Crude   | Products | Cargo | goods | Crude          | Products | Cargo | goods |
|   |      | (Million tonnes)  |          |       |       |                |          |       |       |
| World total   | 1970 | 1110  | 330      | 1165  | 2605  | 1101           | 302      | 1127  | 2530  |
|   | 1993 | 1443  | 502      | 2385  | 4330  | 1465           | 480      | 2477  | 4422  |
|   | 1994 | 1498  | 509      | 2478  | 4485  | 1508           | 490      | 2575  | 4573  |
|   | 1995 | 1532  | 518      | 2601  | 4651  | 1550           | 508      | 2685  | 4743  |
|   |      | (Percentage share of each category of goods in total cargo) |          |       |       |                |          |       |       |
| World total   | 1970 | 42.6  | 12.7     | 44.7  | 100.0 | 43.5           | 11.9     | 44.6  | 100.0 |
|   | 1993 | 33.3  | 11.6     | 55.1  | 100.0 | 33.1           | 10.9     | 56.0  | 100.0 |
|   | 1994 | 33.4  | 11.3     | 55.3  | 100.0 | 33.0           | 10.7     | 56.3  | 100.0 |
|   | 1995 | 33.0  | 11.1     | 55.9  | 100.0 | 32.7           | 10.7     | 56.6  | 100.0 |
|   |      | (Percentage share of each region in world total)            |          |       |       |                |          |       |       |
| Developed market-economy countries                                  | 1970 | 2.0   | 27.1     | 60.0  | 31.1  | 80.4           | 79.6     | 79.1  | 79.9  |
|   | 1993 | 13.9  | 33.7     | 62.7  | 43.0  | 73.0           | 81.9     | 61.8  | 67.7  |
|   | 1994 | 13.3  | 33.6     | 63.2  | 43.2  | 73.3           | 82.2     | 62.1  | 67.9  |
|   | 1995 | 14.0  | 33.8     | 63.3  | 43.8  | 73.5           | 82.3     | 61.9  | 67.9  |
| Countries of Central and Eastern Europe (including the former USSR) | 1970 | 3.4   | 8.0      | 6.9   | 5.6   | 1.2            | 1.0      | 3.8   | 2.3   |
|   | 1993 | 3.9   | 10.1     | 3.3   | 4.3   | 1.7            | 0.2      | 5.0   | 3.4   |
|   | 1994 | 3.0   | 9.0      | 3.2   | 3.8   | 1.5            | 0.2      | 4.8   | 3.2   |
|   | 1995 | 2.6   | 8.5      | 3.0   | 3.5   | 1.3            | 0.2      | 4.6   | 3.0   |
| Developing countries  | 1970 | 94.6  | 64.9     | 33.1  | 63.3  | 18.4           | 19.5     | 17.1  | 17.8  |
|   | 1993 | 82.2  | 56.2     | 34.0  | 52.7  | 25.3           | 17.9     | 33.2  | 28.9  |
|   | 1994 | 83.7  | 57.4     | 33.6  | 53.0  | 25.2           | 17.6     | 33.1  | 28.9  |
|   | 1995 | 83.4  | 57.7     | 33.7  | 52.7  | 25.2           | 17.5     | 33.5  | 29.1  |

(a) UNCTAD preliminary estimates.

Note: Includes international cargoes loaded at ports of the Great Lakes and St. Lawrence system for unloading at ports of the same system.

Source: UNCTAD (1996).

Table A10: Structure of the merchant fleets of the main country groups as at 31 December 1995

(Millions dwt and percentage shares)

|                | World |       | Developed market-economy countries |       | Major open-registry countries |       | Central and Eastern Europe (including former USSR) |       | Developing countries |        |
|----------------|-------|-------|------------------------------------|-------|-------------------------------|-------|--|-------|----------------------|--------|
| Total fleet    | 734.9 | 100.0 | 203.9                              | 100.0 | 321.3                         | 100.0 | 33.0   | 100.0 | 164.5                | 100.00 |
| of which:      |       |       |                                    |       |                               |       |  |       |                      |        |
| Oil tankers    | 267.7 | 36.4  | 84.2                               | 41.3  | 134.5                         | 41.9  | 5.8  | 17.6  | 40.7                 | 24.7   |
| Bulk carriers  | 261.6 | 35.6  | 58.6                               | 28.7  | 119.3                         | 37.1  | 9.4  | 28.5  | 69.3                 | 42.1   |
| General cargo  | 104.1 | 14.2  | 20.5                               | 10.1  | 35.3                          | 11.0  | 13.0   | 39.4  | 34.0                 | 20.7   |
| Containerships | 43.8  | 6.0   | 16.5                               | 8.1   | 14.8                          | 4.6   | 0.5  | 1.5   | 9.2                  | 5.6    |
| Other ships    | 57.7  | 7.9   | 24.1                               | 11.8  | 17.4                          | 5.4   | 4.3  | 13.0  | 11.3                 | 6.9    |

Source: UNCTAD (1996)