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# **ANNEXES**

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## Annex A. Additional text tables

		Page
A.I.1	FDI inflows to developing economies and Central and Eastern Europe: comparison of data among UNCTAD, World Bank, Institute of International Finance and JP Morgan, 1997 and 1998 .....	403
A.I.2	Comparison between FDI inward stock and assets of foreign affiliates in selected host economies, latest available year .....	404
A.I.3	Receipts of royalties and licence fees, by affiliated firms and by country in Germany, Japan and the United States, 1985-1997 .....	404
A.I.4	Payments of royalties and licence fees, by affiliated firms and by country in Germany, the United States, India and the Republic of Korea, 1985-1997 .....	405
A.I.5	Significance of value added of foreign affiliates in selected host economies .....	406
A.I.6	Significance of sales of foreign affiliates in manufacturing in selected host economies .....	407
A.I.7	Significance of employment in foreign affiliates in selected host economies .....	408
A.I.8	Significance of exports of foreign affiliates in selected host economies .....	410
A.I.9	Trade balance of foreign affiliates and all firms in selected host economies .....	411
A.I.10	Significance of research and development expenditures of foreign affiliates in selected host economies .....	412
A.I.11	Profits of foreign affiliates in manufacturing in selected economies .....	413
A.I.12	Outward FDI flows from selected economies in Asia, by region .....	414
A.I.13	Outward FDI stock from selected economies in Asia, by region .....	415
A.I.14	Outward FDI flows from selected countries in Latin America, by region .....	416
A.I.15	Outward FDI stock from selected countries in Latin America, by region .....	417
A.I.16	FDI inflows, by industry, 1988 .....	418
A.I.17	FDI inflows, by industry, 1997 .....	420
A.I.18	FDI inward stock, by industry, 1988 .....	422
A.I.19	FDI inward stock, by industry, 1997 .....	424
A.I.20	FDI outward stock of developed countries, by industry, 1988 .....	426
A.I.21	FDI outward stock of developed countries, by industry, 1997 .....	428
A.II.1	FDI inflows and investment opportunities in Africa by industrial sectors, 1996-1998 and 2000-2003 .....	430
A.II.2	Geographical sources of inward FDI stock in Central and Eastern European countries, latest year available .....	434
A.II.3	Sectoral and industrial distribution of inward FDI stock in Central and Eastern European countries, latest year available .....	435
A.III.1	Cross-border M&A deals with values of over \$1 billion announced in 1998 .....	436
A.VII.1	The hundred leading industrial R&D performers in the United States, 1996 .....	438
A.VII.2	R&D propensities and skills base in major country groups .....	439
A.VIII.1	Top 25 developing economy exporters, ranked by export values, 1997 .....	440
A.VIII.2	Top 25 developing economy exporters, ranked by per capita exports, 1997 .....	441
A.VIII.3	Fifty fastest growing manufactures in world trade (ranked by 1995 value) .....	442
A.VIII.4	Shares of intra-firm trade in the international trade of United States parent companies and their foreign affiliates, by industry, 1977, 1983, 1993, 1996 .....	443
A.VIII.5	Value and relative importance of sales of United States foreign affiliates to other foreign affiliates of United States TNCs, by region and economy, 1977, 1983, 1993, 1996 .....	444
A.VIII.6	Export propensities of United States majority-owned foreign affiliates in manufacturing, 1966-1996 .....	446
A.VIII.7	United States majority-owned foreign affiliates' shares in host-economy exports of manufactures, 1966-1996 .....	448
A.IX.1	Employment in United States parent firms and their foreign affiliates, 1996, and employee growth rate, 1990-1996 .....	450
A.IX.2	Employment in Japanese parent firms and their affiliates, 1995, and employee growth rate, 1990-1995 .....	451
A.IX.3	Selected export processing zones in selected developing economies and economies in transition: some features, latest year .....	452
A.IX.4	Labour standards and FDI in developing countries .....	455
A.X.1	TNC provisions of Agenda 21 .....	460

**Annex table A.I.1. FDI inflows to developing economies and Central and Eastern Europe: comparison of data among UNCTAD, World Bank, Institute of International Finance and JP Morgan, 1997 and 1998**

(Millions of dollars)

Economy	UNCTAD <sup>a</sup>		World Bank <sup>b</sup>		IIF <sup>c</sup>		JP Morgan <sup>d</sup>	
	1997	1998	1997	1998	1997	1998	1997	1998
Argentina	8 094	5 697	6 600	5 600	..	..	7 500	7 250
Brazil	18 745	28 718	19 700	24 000	..	23 000	17 048	22 000
Chile	5 417	4 792	5 400	5 000	..	..	5 417	4 300
Colombia	5 701	2 983	..	..	..	..	5 436	4 100
Ecuador	695	830	..	..	..	..	577	680
Mexico	12 831	10 238	12 500	10 000	..	..	10 500	10 000
Peru	1 786	1 930	..	..	..	..	1 450	2 500
Venezuela	5 087	3 737	5 100	3 700	..	..	4 893	1 950
Latin America above (A)	58 356	58 926	..	..	50 900 <sup>e</sup>	50 700 <sup>e</sup>	52 821	52 780
Total Latin America and the Caribbean	68 255	71 652	61 600	57 900	..	..	..	..
China	44 236	45 460	44 200	42 000	..	42 000	44 236	24 500
India	3 351	2 258	..	..	..	..	3 200	2 500
Indonesia	4 673	-356	..	1 300	..	..	4 677	-
Korea, Republic of	2 844	5 143	..	..	..	600	2 844	2 000
Malaysia	5 106	3 727	5 100	5 000	..	..	2 500	150
Philippines	1 222	1 713	..	..	..	..	1 253	200
Taiwan Province of China	2 248	222	..	..	..	..	650	720
Thailand	3 733	6 969	3 700	4 800	..	..	3 029	500
Asia above (B)	67 413	65 136	..	..	50 600 <sup>f</sup>	54 100 <sup>f</sup>	62 389	30 570
Total South, East and South-East Asia and the Pacific	87 835	77 277	69 000	65 400	..	..	..	..
Morocco	1 079	258	..	800	..	..	1 200	800
South Africa <sup>g</sup>	1 705	371	1 700	1 100	..	..	1 725	1 000
Africa above (C)	2 784	629	..	1 900	600 <sup>h</sup>	3 100 <sup>h</sup>	2 925	1 800
Total Africa and West Asia <sup>i</sup>	12 295	12 510	10 600	10 700	..	..	..	..
Bulgaria	505	401	..	..	..	..	498	500
Czech Republic	1 301	2 540	..	..	..	..	1 275	900
Greece <sup>g</sup>	984	700	..	..	..	..	1 000	1 300
Hungary	2 085	1 935	..	..	..	..	1 653	1 520
Poland	4 908	5 129	4 900	5 500	3 100	4 500	3 100	5 000
Russian Federation	6 243	2 183	6 200	3 000	..	..	6 241	6 500
Turkey <sup>g</sup>	805	807	..	..	..	..	805	500
Europe above (D)	16 830	13 694	..	..	14 000 <sup>j</sup>	12 500 <sup>j</sup>	14 572	16 220
Total Europe <sup>k</sup> and Central Asia	22 534	21 833	22 300	20 900	..	..	..	..
Total above (A+B+C+D)	145 384	138 385	..	..	116 100	120 400	132 707	101 370
All developing economies and Central and Eastern Europe	191 065	183 449	163 400 <sup>l</sup>	155 000 <sup>l</sup>	..	..	..	..

Source: UNCTAD.

<sup>a</sup> Annex table B.1 in this Report.

<sup>b</sup> World Bank, 1999b.

<sup>c</sup> Institute of International Finance, 1999a and 1999b.

<sup>d</sup> JP Morgan, "Capital flows plunge to emerging economies", 7 October 1998.

<sup>e</sup> Includes Uruguay.

<sup>f</sup> Does not include Taiwan Province of China.

<sup>g</sup> To facilitate the comparison with other sources, this table follows the World Bank classification for Greece, South Africa and Turkey. According to United Nations classification, Greece and South Africa are developed.

<sup>h</sup> Includes Algeria, Egypt and Tunisia.

<sup>i</sup> Includes Turkey.

<sup>j</sup> Includes Romania and Slovakia.

<sup>k</sup> Includes Central, Eastern and Developing Europe. The data for developing countries only are not available in the World Bank's estimates.

<sup>l</sup> The totals above do not add up.

**Annex table A.I.2. Comparison between FDI inward stock and assets of foreign affiliates in selected host economies, latest available year**

(Billions of dollars)

Host economy	Year	FDI inward stock	Assets	Ratio of assets to FDI stock
<i>Developed countries :</i>				
Austria	1996	17.9	7.6 <sup>a</sup>	0.4
Finland	1997	9.5	25.9 <sup>b</sup>	2.7
Germany	1996	156.0	743.6	4.8
Japan	1995	33.5	131.7 <sup>c</sup>	3.9
United States	1996	594.1	2 614.0 <sup>d</sup>	4.4
<i>Developing economies :</i>				
China	1997	215.7	220.9	1.0
Brazil	1995	98.8	173.0	1.8
Hong Kong, China <sup>e</sup>	1996	4.3	6.2	1.5
India	1991	1.3	3.7	3.0
Malaysia <sup>f</sup>	1996	45.3	14.5	0.3
Singapore	1995	59.6	598.6	10.0
Taiwan Province of China	1995	15.7	83.4	5.3
Viet Nam	1996	5.3 <sup>g</sup>	5.9 <sup>h</sup>	1.1

Source: UNCTAD, based on UNCTAD, forthcoming b and UNCTAD FDI/TNC database.

<sup>a</sup> Refers to nominal capital only.

<sup>b</sup> Represents majority foreign-owned firms only and does not include the financial sector.

<sup>c</sup> Not including the banking and financial sectors. Data refer to firms with foreign participation of more than one third of the shares.

<sup>d</sup> Non-bank all affiliates.

<sup>e</sup> Data refer to the secondary sector only.

<sup>f</sup> Data are on an approval basis, and refer to the secondary sector only. The figure for assets represents fixed assets only.

<sup>g</sup> Data refer to the foreign equity shares in legal capital accumulated from 1988.

<sup>h</sup> As of end June.

**Annex table A.I.3. Receipts of royalties and licence fees by affiliated firms and by country, in Germany, Japan and the United States, 1985-1997**

(Millions of dollars)

Year	Germany <sup>a</sup>			Japan		United States		
	Intra-firm		Country as a whole	Japanese parent firms only (intra-firm only)	Country as a whole	Intra-firm		Country as a whole
	German parent firms only	Foreign affiliates in Germany				United States parent firms only	Foreign affiliates in the United States	
1985	464	83	546	..	723	..	..	6 680
1986	597	122	780	708	906	5 994	180	8 114
1987	698	146	997	..	1 293	7 668	229	10 183
1988	883	124	1 081	..	1 637	9 238	263	12 147
1989	899	106	1 122	1 034	2 016	10 612	349	13 818
1990	1 210	235	1 547	..	2 479	12 867	383	16 635
1991	..	345	1 515	..	2 866	13 523	583	17 819
1992	..	472	1 680	2 370	3 061	14 925	733	20 841
1993	..	498	1 596	..	3 861	14 936	752	21 694
1994	..	489	1 720	..	5 185	19 250	1 025	26 712
1995	1 486	642	2 174	3 919	6 005	21 399	1 460	30 289
1996	1 667	653	2 315	..	6 683	22 781	1 929	32 823
1997	1 659	509	2 282	..	7 303	23 457	2 058	33 676

Source: UNCTAD, based on IMF, Balance of Payments Statistics CD-ROM (February 1999); UNCTAD, FDI/TNC database; OECD, 1997a; Germany, Deutsche Bundesbank, 1990, 1997 and 1998; Japan, Science and Technology Agency, 1998; and United States, Department of Commerce, 1998b.

<sup>a</sup> Receipts for patents, inventions and processes. Data on the country as a whole for 1985 do not include non-affiliated firms.

**Annex table A.I.4. Payments of royalties and licence fees, by affiliated firms and by country, in Germany, the United States, India and the Republic of Korea, 1985-1997**

(Millions of dollars)

Year	Germany <sup>a</sup>			United States			India		Republic of Korea	
	Intra-firm			Intra-firm			Foreign affiliates in India <sup>b</sup>	Country as a whole	Foreign affiliates in the Republic of Korea <sup>b</sup>	Country as a whole
	Foreign affiliates in Germany	German parent firms only	Country as a whole	Foreign affiliates in the United States	United States parent firms only	Country as a whole				
1985	799	200	999	..	..	1 170	5	25	..	323
1986	1 224	249	1 556	799	118	1 401	..	25	..	473
1987	1 518	272	1 891	1 141	168	1 857	8	41	..	574
1988	1 761	310	2 186	1 285	141	2 601	..	108	676	815
1989	1 683	340	2 172	1 632	71	2 528	..	127	889	1 123
1990	2 272	490	2 935	1 967	239	3 136	13	72	1 087	1 364
1991	2 401	..	3 211	2 789	166	4 035	13	50	1 184	1 581
1992	2 532	..	3 211	3 207	189	5 162	..	69	851	1 629
1993	2 386	..	3 049	3 152	234	5 032	..	75	946	1 414
1994	2 287	..	3 087	3 514	420	5 852	..	94	1 276	1 720
1995	3 017	614	4 012	4 674	583	6 919	..	90	1 947	2 385
1996	2 338	903	3 602	4 740	766	7 854	..	118	..	2 431
1997	1 827	792	2 886	6 132	955	9 411	..	150	..	2 414

*Source:* UNCTAD, based on UNCTAD, forthcoming b; IMF, Balance of Payments Statistics (February 1999); OECD, 1997a; Germany, Deutsche Bundesbank, 1990, 1997 and 1998; and United States, Department of Commerce, 1998b.

<sup>a</sup> Payments for patents, inventions and processes. Data on the country as a whole for 1985 do not include non-affiliated firms.

<sup>b</sup> Includes payments from non-affiliated firms.

Annex table A.I.5. Significance of value added of foreign affiliates in selected host economies

Host economy	Year	Value added of foreign affiliates (million dollars)		Total value added (million dollars)		Value added of foreign affiliates as a percentage of total value added	
		Manufacturing	All industries	Manufacturing	All industries <sup>a</sup>	Manufacturing	All industries
<i>Developed countries :</i>							
France	1987	38 221 <sup>c</sup>	..	190 188	..	20.1	..
	1992	45 769 <sup>c</sup>	..	264 977	..	17.3	..
Japan	1995	24 953 <sup>e</sup>	32 947 <sup>e</sup>	982 725	2 947 833	2.5	1.1
Norway	1991	1 068 <sup>g</sup>	..	13 324	..	8.0	..
	1994	1 398 <sup>g</sup>	..	13 007	..	10.7	..
United Kingdom	1985	22 400	..	124 384	..	18.0	..
	1992	59 585	..	252 223	..	23.6	..
<i>Developing economies :</i>							
Hong Kong, China	1985	689 <sup>k</sup>	..	6 582	..	10.5	..
	1994	2 422 <sup>k</sup>	..	11 757	..	20.6	..
Malaysia	1985	1 472 <sup>m</sup>	..	4 879	..	30.2	..
	1994	10 794 <sup>m</sup>	..	18 874	..	57.2	..
Singapore	1980	2 561 <sup>n</sup>	..	4 004	..	64.0	..
	1994	14 500 <sup>n</sup>	..	20 593	..	70.4	..
Turkey	1986	979	..	14 376	..	6.8	..
	1990	2 432	..	28 866	..	8.4	..

Source: UNCTAD, based on UNCTAD, forthcoming b; UNCTAD FDI/TNC database; UNIDO Industrial Statistics Database; and IMF, International Financial Statistics CD-ROM (May 1999).

<sup>a</sup> Gross domestic product at factor cost.

<sup>b</sup> Majority foreign-owned affiliates only.

<sup>c</sup> Data do not include the food, beverages and tobacco industries and refer to firms with foreign participation of more than 20 per cent.

<sup>d</sup> Refers to firms with foreign participation of more than 50 per cent.

<sup>e</sup> Refers to firms with foreign participation of more than one third of the shares.

<sup>f</sup> Refers to non-financial firms with a balance sheet total of over 10 million guilders; majority foreign-owned affiliates only.

<sup>g</sup> Covers firms with more than 10 persons engaged and a foreign participation of more than 50 per cent.

<sup>h</sup> Includes data on non-financial enterprises with 20 or more employees for manufacturing and 50 or more employees for services (excluding real estate). Majority foreign-owned affiliates only.

<sup>i</sup> Non-bank all affiliates.

<sup>j</sup> Refers to foreign-funded enterprises with independent accounting systems.

<sup>k</sup> Data refer to plants with foreign ownership shares of 50 per cent or more and are based on the industrial survey data.

<sup>l</sup> Refers to fiscal year ending 31 March.

<sup>m</sup> Value added are estimated as revenue less purchases of materials and changes in stocks. The data refer to limited companies with annual revenues of five million ringgit or more. Foreign affiliates are defined as being foreign-controlled firms incorporated in Malaysia and branches of firms incorporated abroad.

<sup>n</sup> Refers to majority-foreign and wholly-foreign affiliates in the secondary sector, excluding those in rubber-processing and granite quarrying.

<sup>o</sup> Value added is referred to as the difference between total revenue and cost of brought-in raw materials, services and components.

**Annex table A.I.6. Significance of sales of foreign affiliates in manufacturing  
in selected host economies**

Host economy	Year	Sales of foreign affiliates (million dollars)	Total sales (million dollars)	Sales of foreign affiliates as a percentage of total sales
<i>Developed countries:</i>				
Finland	1985	925 <sup>b</sup>	36 967	2.5
	1996	12 183 <sup>b</sup>	83 719	14.6
Germany	1985	90 965 <sup>d</sup>	662 357	13.7
	1994	158 492 <sup>d</sup>	1 184 500	13.4
Italy	1985	45	212 913	0.021
	1993	108	438 809	0.025
Netherlands	1985	30 880 <sup>f</sup>	80 069	38.6
	1994	70 913 <sup>f</sup>	152 580	46.5
Sweden	1985	7 492 <sup>h</sup>	60 328	12.4
	1994	21 324 <sup>h</sup>	101 975	20.9
United States	1985	185 895 <sup>i</sup>	2 266 700	8.2
	1996	586 995 <sup>i</sup>	3 778 700	15.5
<i>Developing economies:</i>				
Hong Kong, China	1985	4 598 <sup>k</sup>	22 835	20.1
	1994	13 874 <sup>k</sup>	38 885	35.7
Malaysia	1985	6 246 <sup>m</sup>	18 359	34.0
	1994	39 478 <sup>m</sup>	75 034	52.6
Singapore	1980	10 295 <sup>n</sup>	15 278	67.4
	1994	49 498 <sup>n</sup>	65 878	75.1
Turkey	1986	2 527 <sup>p</sup>	36 913	6.8
	1990	1 935 <sup>p</sup>	72 969	2.7

*Source* : UNCTAD, based on UNCTAD, forthcoming b; UNCTAD FDI/TNC database; and UNIDO Industrial Statistics database.

a Production.

b Majority foreign-owned affiliates only.

c Data do not include the food, beverages and tobacco industries and refer to firms with foreign participation of more than 20 per cent.

d Refers to firms with foreign participation of more than 20 per cent (25 per cent until 1989).

e Refers to firms with foreign participation of 50 per cent in 1985 and more than one third in 1995, respectively, of the shares.

f Refers to non-financial firms with a balance sheet total of over 10 million guilders; majority foreign-owned affiliates only.

g Covers firms with more than 10 persons engaged and a foreign participation of more than 50 per cent.

h Includes data on non-financial enterprises with 20 or more employees for manufacturing and 50 or more employees for services (excluding real estate). Majority foreign-owned affiliates only.

i Non-bank all affiliates.

j Refers to foreign-funded enterprises with independent accounting systems. They account for a small minority of enterprises in China.

k Data represent total product sales, including sales of services and transfer of goods to associated companies and branches of manufacturing affiliates in the domestic market and abroad.

l Fiscal year ending 31 March.

m Pertains to limited companies only with annual revenues of five million ringgit or more. Foreign affiliates are defined as being foreign-controlled firms incorporated in Malaysia and branches of firms incorporated abroad.

n Refers to majority-foreign and wholly-foreign affiliates in the secondary sector, excluding those in rubber-processing and granite quarrying.

o Reflects annual turnover.

p Refers to the data on majority foreign-owned establishments with 25 or more persons engaged.

q Covers the period up to end-June only.

Annex table A.I.7. Significance of employment in foreign affiliates in selected host economies

Host economy	Year	Number of employees in foreign affiliates		Number of total employees <sup>a</sup>		Number of employees in foreign affiliates as a percentage of total number of employees	
		(Thousands)		(Thousands)		Manufacturing	All industries
		Manufacturing	All industries	Manufacturing	All industries	Manufacturing	All industries
<i>Developed countries:</i>							
Austria	1988	..	193.9	664.5	1 974.5	..	9.8
	1996	113.6	211.7	575.0	2 130.4	19.8	9.9
Finland	1992	22.5 <sup>b</sup>	32.7 <sup>b</sup>	424.0	1 827.0 <sup>c</sup>	5.3	1.8
	1997	51.1 <sup>b</sup>	125.8 <sup>b</sup>	410.0 <sup>d</sup>	1 870.0 <sup>d</sup>	12.5	6.7
France	1987	731.0 <sup>e</sup>	..	4 347.0	..	16.8	..
	1992	700.3 <sup>e</sup>	..	4 144.1	..	16.9	..
Germany	1985	638.0 <sup>f</sup>	..	9 604.1	..	6.6	..
	1996	1 058.0 <sup>f</sup>	1 650.0	8 111.0	32 188.0	13.0	5.1
Ireland	1985	76.3 <sup>g</sup>	..	186.4	..	40.9	..
	1990	88.3 <sup>g</sup>	..	193.8	..	45.6	..
Italy	1985	459.7	..	2 875.0	..	16.0	..
	1993	496.0	..	2 856.8	..	17.4	..
Japan <sup>h</sup>	1985	78.1	95.5	12 347.0	31 447.0	0.6	0.3
	1995	163.1	225.1	13 602.0	43 608.0	1.2	0.5
Netherlands	1985	151.1 <sup>i</sup>	249.6 <sup>i</sup>	993.0 <sup>j</sup>	5 145.0 <sup>j</sup>	15.2	4.9
	1994	205.6 <sup>i</sup>	..	1 075.0 <sup>j</sup>	6 692.0 <sup>j</sup>	19.1	..
Norway	1985	23.0 <sup>k</sup>	..	312.1	..	7.4	..
	1994	21.7 <sup>k</sup>	..	240.2	..	9.0	..
Sweden	1985	74.4 <sup>l</sup>	117.3 <sup>l</sup>	968.0 <sup>j</sup>	4 299.0 <sup>j</sup>	7.7	2.7
	1996	137.9 <sup>l</sup>	278.0 <sup>l</sup>	767.0 <sup>j</sup>	3 963.0 <sup>j</sup>	18.0	7.0
United Kingdom	1985	677.1	..	4 935.0	..	13.7	..
	1992	784.2	..	4 314.0	..	18.2	..
United States	1985	1455.2 <sup>m</sup>	2 862.2 <sup>m</sup>	20 879.0 <sup>j</sup>	107 150.0 <sup>j</sup>	7.0	2.7
	1996	2213.6 <sup>m</sup>	4 977.5 <sup>m</sup>	20 518.0 <sup>j</sup>	126 708.0 <sup>j</sup>	10.8	3.9
<i>Developing economies:</i>							
Brazil	1987	..	..	..	..	24.3	16.2
	1995	952.3	1 447.4	7 108.0	40 800.0	13.4	3.5
China	1987	..	210.0 <sup>n</sup>	32 092.0	96 543.0	..	0.2
	1997	..	5 987.9 <sup>n</sup>	50 830.0	146 680.0	..	4.1
Hong Kong, China	1985	86.4	..	847.6	2 182.4	10.2	..
	1994	67.5	324.6	423.0	2 533.2	16.0	12.8
Indonesia	1992	262.5 <sup>o</sup>	384.6 <sup>o</sup>	7 847.6 <sup>j</sup>	78 104.1 <sup>j</sup>	3.3	0.5
	1996	505.2 <sup>o</sup>	758.1 <sup>o</sup>	10 773.0 <sup>j</sup>	85 701.8 <sup>j</sup>	4.7	0.9
Malaysia	1985	141.0 <sup>p</sup>	..	473.3	..	29.8	..
	1994	529.2 <sup>p</sup>	..	1 211.3	..	43.7	..
Mexico	1985	424.5	532.1	994.1	..	42.7	..
	1993	906.6	1 097.9	5 078.0 <sup>j</sup>	32 833.0 <sup>j</sup>	17.9	3.3
Nepal	1998	44.7 <sup>q</sup>	69.2 <sup>q</sup>	2 303.6 <sup>r</sup>	..	1.9	..
Singapore	1980	149.4 <sup>s</sup>	..	287.2	..	52.0	..
	1996	197.4 <sup>s</sup>	..	378.7	..	52.1	..

/...

Annex table A.I.7 (concluded)

Host economy	Year	Number of employees in foreign affiliates		Number of total employees <sup>a</sup>		Number of employees in foreign affiliates as a percentage of total number of employees	
		(Thousands)		(Thousands)			
		Manufacturing	All industries	Manufacturing	All industries	Manufacturing	All industries
Sri Lanka	1985	40.6 <sup>t</sup>	44.7 <sup>t</sup>	169.0	781.1	24.0	5.7
	1996	197.6 <sup>t</sup>	240.2 <sup>t</sup>	363.3	1 089.0	54.4	22.1
Taiwan Province of China	1985	230.7	261.6	2 501.0	7 428.0	9.2	3.5
	1995	517.6	1 003.6	2 449.0	9 045.0	21.1	11.1
Turkey	1986	12.9 <sup>u</sup>	..	875.7	..	1.5	..
	1990	31.0 <sup>u</sup>	..	975.2	..	3.2	..
Viet Nam	1995	110.9	144.4	745.0 <sup>v</sup>	2 707.0 <sup>c</sup>	14.9	5.3

*Source:* UNCTAD, based on UNCTAD, forthcoming b; UNCTAD FDI/TNC database; UNIDO Industrial Statistics database; OECD, 1997a; and ILO, 1995 and 1998f.

- <sup>a</sup> The number of total employees refers to the number of paid employment, unless otherwise specified.
- <sup>b</sup> Refers to full-time employment only; majority foreign-owned affiliates only.
- <sup>c</sup> Total of ISIC divisions 2-9.
- <sup>d</sup> Methodology revised. Data for all industries refer to the total of ISIC divisions 2-9.
- <sup>e</sup> Data do not include the food, beverages and tobacco industries and refer to firms with foreign participation of more than 20 per cent.
- <sup>f</sup> Refers to firms with foreign participation of more than 20 per cent (25 per cent until 1989).
- <sup>g</sup> Refers to firms with foreign participation of more than 50 per cent.
- <sup>h</sup> Data exclude those for banks and other financial institutions. Foreign affiliates refer to firms with foreign participation of 50 per cent in 1985 and more than one third in 1995, respectively, of the shares.
- <sup>i</sup> Refers to non-financial firms with a balance sheet total of over 10 million guilders; majority foreign-owned affiliates only.
- <sup>j</sup> Data include both paid and unpaid employees.
- <sup>k</sup> Covers firms with more than 10 persons engaged and a foreign participation of more than 50 per cent.
- <sup>l</sup> Includes data on non-financial enterprises with 20 or more employees for manufacturing and 50 or more employees for services (excluding real estate). Majority foreign-owned affiliates only.
- <sup>m</sup> Non-bank all affiliates.
- <sup>n</sup> Data cover the urban areas only.
- <sup>o</sup> Data exclude those of the oil and gas sector, banking, non-bank institutions, insurance and leasing.
- <sup>p</sup> Estimates.
- <sup>q</sup> Refers to employment in approved investment projects, accumulated since 1994 up to March 1998.
- <sup>r</sup> 1994.
- <sup>s</sup> Refers only to majority-foreign and wholly foreign affiliates in the secondary sector, not including those in rubber processing and granite quarrying.
- <sup>t</sup> Refers to the cumulative number of estimated employment created by projects approved by the BOI since 1978, under section 17 of the BOI law which provides for incentives. As approvals cancelled or suspended are not included, the figures are over-estimated.
- <sup>u</sup> Refers to the data on majority foreign-owned establishments with 25 or more persons engaged.
- <sup>v</sup> Includes the mining sector.

Annex table A.I.8. Significance of exports of foreign affiliates in selected host economies

Host economy	Year	Exports of foreign affiliates (million dollars)		Total exports (million dollars)		Exports of foreign affiliates as a percentage of total exports	
		Primary and secondary sector	All sectors	Primary and secondary sector <sup>a</sup>	All sectors <sup>b</sup>	Primary and secondary sector	All sectors
<i>Developed countries :</i>							
Austria	1996	..	23 061	57 937	93 401	..	24.7
Canada	1990	56 808 <sup>c</sup>	65 047 <sup>c</sup>	128 180	144 773	44.3	44.9
	1994	74 092 <sup>c</sup>	83 503 <sup>c</sup>	164 302	183 707	45.1	45.5
Finland	1985	284 <sup>c</sup>	..	13 344	..	2.1	..
	1994	2 866 <sup>c</sup>	..	29 294	..	9.8	..
France	1987	32 281 <sup>d</sup>	..	141 250	..	22.9	..
	1992	50 283 <sup>d</sup>	..	224 833	..	22.4	..
Japan	1985	2 572 <sup>e</sup>	3 859 <sup>e</sup>	175 461	194 130	1.5	2.0
	1995	16 800 <sup>e</sup>	23 918 <sup>e</sup>	428 717	482 598	3.9	5.0
Sweden	1985	3 088 <sup>f</sup>	..	30 109	35 550	10.3	..
	1994	10 198 <sup>f</sup>	14 253 <sup>f</sup>	60 080	72 279	17.0	19.7
United States	1985	56 401	..	215 510	303 000	26.2	..
	1996	136 588	..	611 719	873 800	22.3	..
<i>Developing economies :</i>							
China	1991	12 047 <sup>g</sup>	12 047 <sup>g</sup>	58 919	65 898	20.4	18.3
	1997	74 706 <sup>g</sup>	74 900 <sup>g</sup>	182 670	207 251	40.9	36.1
Hong Kong, China	1985	3 116 <sup>h</sup>	..	16 671 <sup>i</sup>	..	18.7	..
	1997	9 667 <sup>h</sup>	..	27 307 <sup>i</sup>	..	35.4	..
India	1985	324 <sup>j</sup>	361 <sup>j</sup>	9 465	12 088	3.4	3.0
	1991	638 <sup>j</sup>	834 <sup>j</sup>	18 095	24 734	3.5	3.4
Malaysia	1985	2 703 <sup>k</sup>	..	15 133	..	17.9	..
	1994	28 874 <sup>k</sup>	..	56 590	..	51.0	..
Mexico	1990	6 007	6 093	40 711	48 866	14.8	12.5
	1993	10 950	11 174	51 885	61 477	21.1	18.2
Singapore	1985	9 269 <sup>l</sup>	..	14 806 <sup>i</sup>	..	62.6	..
	1996	44 511 <sup>l</sup>	..	73 465 <sup>i</sup>	..	60.6	..
Taiwan Province of China	1989	10 504 <sup>m</sup>	11 189 <sup>m</sup>	65 874	79 945	15.9	14.0
	1995	18 194 <sup>m</sup>	22 957 <sup>m</sup>	110 690	85 743	16.4	26.8

Source: UNCTAD, based on UNCTAD, forthcoming b; UNCTAD FDI/TNC database; and IMF, International Financial Statistics CD-ROM (May 1999).

<sup>a</sup> Merchandise exports.

<sup>b</sup> Exports of goods and non-factor services.

<sup>c</sup> Majority foreign-owned affiliates only.

<sup>d</sup> Data do not include the food, beverages and tobacco industries and refer to firms with foreign participation of more than 20 per cent.

<sup>e</sup> Data exclude those for banks and other financial institutions. Foreign affiliates refer to firms with foreign participation of 50 per cent in 1985 and more than one third in 1995, respectively, of the shares.

<sup>f</sup> Includes data on non-financial enterprises with 20 or more employees for manufacturing and 50 or more employees for services (excluding real estate); majority foreign-owned affiliates only.

<sup>g</sup> Data refer to exports of all foreign-invested enterprises located within China.

<sup>h</sup> Exports are value added on an f.o.b. basis and refer to total production sales in the foreign markets, including sales of services and transfers of goods to associated companies and branches of manufacturing affiliates abroad.

<sup>i</sup> Domestic exports.

<sup>j</sup> Refers to fiscal year ending 31 March.

<sup>k</sup> Exports include sales out of stocks held abroad. The data pertain to limited companies with annual revenues of five million ringgit or more. Foreign affiliates are defined as being foreign-controlled firms incorporated in Malaysia and branches of firms incorporated abroad.

<sup>l</sup> Refers to majority-foreign and wholly-foreign affiliates in the secondary sector, excluding those in rubber-processing and granite quarrying.

<sup>m</sup> Refers to direct and indirect exports of foreign affiliates.

Annex table A.I.9. Trade balance<sup>a</sup> of foreign affiliates and all firms in selected host economies

(Millions of dollars)

Host economy	Year	Foreign affiliates			All firms <sup>b</sup>		
		Exports	Imports	Balance	Exports	Imports	Balance
<i>Developed countries :</i>							
Austria	1996	23 061	27 059	-3 998	93 401	94 629	-1 228
Japan	1985	3 859 <sup>c</sup>	14 087 <sup>c</sup>	-10 228 <sup>c</sup>	194 130	148 957	45 173
	1995	23 917 <sup>c</sup>	42 383 <sup>c</sup>	-18 466 <sup>c</sup>	482 598	406 891	75 707
United States	1985	56 401 <sup>d</sup>	113 331 <sup>d</sup>	-56 930 <sup>d</sup>	303 000	417 200	-114 200
	1996	136 588 <sup>d</sup>	252 990 <sup>d</sup>	-116 402 <sup>d</sup>	873 800	965 000	-91 200
<i>Developing economies :</i>							
China	1991	12 047 <sup>e</sup>	16 907 <sup>e</sup>	-4 860 <sup>e</sup>	65 898	54 297	11 601
	1997	74 900 <sup>e</sup>	77 721 <sup>e</sup>	-2 821 <sup>e</sup>	207 251	166 754	40 497
Brazil	1997	21 745	19 371	2 374	60 753	81 900	-21 147
India	1985	360 <sup>f</sup>	302 <sup>f</sup>	58 <sup>f</sup>	12 088	17 588	-5 500
	1991	834 <sup>f</sup>	575 <sup>f</sup>	259 <sup>f</sup>	24 734	24 734	-
Malaysia	1985	2 703 <sup>g</sup>	2 822 <sup>g</sup>	-119 <sup>g</sup>	17 131	15 530	1 601
	1994	28 874 <sup>g</sup>	17 584 <sup>g</sup>	11 290 <sup>g</sup>	66 217	67 411	-1 194
Mexico	1990	6 093	9 059	-2 966	48 866	51 768	-2 902
	1993	11 174	18 081	-6 907	61 477	77 307	-15 830
Taiwan Province of China	1989	11 189 <sup>h</sup>	7 344 <sup>h</sup>	3 845 <sup>h</sup>	79 945	63 035	16 910
	1995	22 957 <sup>h</sup>	18 545 <sup>h</sup>	4 412 <sup>h</sup>	85 743	71 159	14 584

Source: UNCTAD, based on UNCTAD FDI/TNC database; OECD, 1997a; and IMF, International Financial Statistics CD-ROM (May 1999).

<sup>a</sup> Exports minus imports.

<sup>b</sup> Trade in goods and non-factor services.

<sup>c</sup> Refers to firms with foreign participation of 50 per cent in 1985 and more than one third in 1995, respectively, of the shares.

<sup>d</sup> Merchandise trade shipped by and to affiliates. Data refer to non-bank all affiliates and do not include trade in services.

<sup>e</sup> Data refer to the trade of all foreign-invested enterprises located within China.

<sup>f</sup> Data refer to fiscal years ending 31 March. Imports refer to raw materials and capital goods.

<sup>g</sup> Exports include sales out of stocks held abroad, while imports include goods in transit. The data pertain to limited companies with annual revenues of five million ringgit or more. Foreign affiliates are defined as being foreign-controlled firms incorporated in Malaysia and branches of firms incorporated abroad.

<sup>h</sup> Exports refer to direct and indirect exports of foreign affiliates while imports represent imports of parts and raw materials.

**Annex table A.I.10. Significance of research and development expenditures of foreign affiliates in selected host economies**

Host economy	Year	Research and development expenditures of foreign affiliates (million dollars)		Total research and development expenditures (million dollars)		R & D expenditures of foreign affiliates as a percentage of total R & D expenditures	
		Manufacturing	All industries	Manufacturing	All industries	Manufacturing	All industries
<i>Developed countries :</i>							
Canada	1988	1 137	1 323	2 587	3 757	43.9	35.2
	1993	1 167	1 469	3 122	5 075	37.4	28.9
France	1992	2 648	..	17 761	19 992	14.9	..
Ireland	1984	40	40	64	67	62.3	59.5
	1991	171	180	268	284	63.9	63.3
Japan	1985	184	220	23 240	24 901	0.8	0.9
	1995	2 597	2 729	93 285	99 893	2.8	2.7
Sweden	1990	590	685	3 893	4 405	15.2	15.5
	1994	510	647	4 296	4 980	11.9	13.0
United States	1985	4 478	5 240	77 525	84 239	5.8	6.2
	1995	14 756	17 542	106 077	132 103	13.9	13.3
<i>Developing economies :</i>							
India	1985	3.0 <sup>a</sup>	3.6 <sup>a</sup>	..	..	..	..
	1990	6.9 <sup>a</sup>	9.5 <sup>a</sup>	..	554 <sup>b</sup>	..	1.7
Singapore	1987	26 <sup>c</sup>	..	90 <sup>d</sup>	..	29.0	..
	1994	449 <sup>c</sup>	..	480 <sup>b</sup>	..	93.5	..
Taiwan Province of China	1989	240	269	..	1 162	..	23.1
	1995	1 038	1 100	..	2 717	..	40.5

*Source:* UNCTAD, based on UNCTAD FDI/TNC database; OECD 1995b, 1997b and 1998d; and UNESCO, 1990 and 1996.

<sup>a</sup> Refers to fiscal year ending 31 March.

<sup>b</sup> Refers to the productive sector.

<sup>c</sup> Refers to majority-foreign and wholly-foreign affiliates in the secondary sector, excluding those in rubber-processing and granite quarrying.

<sup>d</sup> Refers to the manufacturing branch of the productive sector, accounting for 84 per cent.

Annex table A.I.11. Profits of foreign affiliates in manufacturing in selected economies

Host economy	Year	Profits in the manufacturing sector Profits of foreign affiliates (million dollars)		
		Foreign affiliates	All firms <sup>a</sup>	as a percentage of profits of all firms
<i>Developed countries :</i>				
Austria	1996	1 129.0	..	..
Canada	1988	8 841.3 <sup>b</sup>	61 539.4	14.4
	1993	5 077.1 <sup>b</sup>	57 980.8	8.8
Finland	1996	641.6 <sup>c</sup>	15 878.0	4.0
France	1987	9 467.8 <sup>d</sup>	71 475.5	13.2
	1992	13 335.0 <sup>d</sup>	104 825.8	12.7
Japan	1985	680.4 <sup>e</sup>	20 785.6 <sup>f</sup>	3.3
	1995	3 692.3 <sup>e</sup>	56 929.6 <sup>f</sup>	6.5
Netherlands	1985	1 039.6 <sup>g</sup>	7 172.5	14.5
	1994	4 213.7 <sup>g</sup>	22 213.4	19.0
Norway	1986	249.5 <sup>h</sup>	3 966.9	6.3
	1994	490.3 <sup>h</sup>	5 322.2	9.2
Sweden	1985	653.5 <sup>i</sup>	15 510.3	4.2
	1994	2 249.6 <sup>i</sup>	20 135.7	11.2
United Kingdom	1985	9 249.4 <sup>j</sup>	70 546.0	13.1
	1992	20 985.2 <sup>j</sup>	142 468.2	14.7
United States	1985	1 063.0 <sup>k</sup>	46 231.0 <sup>f</sup>	2.3
	1996	7 153.0 <sup>k</sup>	123 152.0 <sup>f</sup>	5.8
<i>Developing economies :</i>				
China	1995	8 476.0 <sup>l</sup>	..	..
	1997	10 053.8 <sup>l</sup>	..	..
India	1985	352.6 <sup>m</sup>	8 055.6	4.4
	1991	557.1 <sup>m</sup>	12 558.3	4.4
Malaysia	1985	311.7 <sup>n</sup>	3 419.3	9.1
	1994	2 595.7 <sup>n</sup>	13 690.8	19.0
Mexico	1985	1 895.0	14 885.5	12.7
	1993	7 549.0	21 978.6	34.3
Singapore	1987	1 909.3 <sup>o</sup>	4 874.4	39.2
	1996	7 767.2 <sup>o</sup>	17 421.3	44.6
Taiwan Province of China	1989	2 121.9 <sup>p</sup>	28 438.4	7.5
	1995	3 005.5 <sup>p</sup>	37 940.2	7.9
Viet Nam	1994	- 13.3 ..	..	..
	1995	- 32.6 ..	..	..

Source: UNCTAD, based on UNCTAD FDI/TNC database and UNIDO Industrial Statistics database.

- <sup>a</sup> Profits of all firms in the manufacturing sector refer to value added minus wages and salaries except for Japan and the United States. However, this methodology leaves domestic profits over-estimated because taxes and capital allowances other than profits are included.
- <sup>b</sup> Refers to majority foreign-owned affiliates only.
- <sup>c</sup> Profits before taxes of majority foreign-owned affiliates only.
- <sup>d</sup> Data do not include the food, beverages and tobacco industries and refer to firms with foreign participation of more than 20 per cent.
- <sup>e</sup> Data represent profits before taxes and exclude those for banks and other financial institutions. Foreign affiliates refer to firms with foreign participation of 50 per cent in 1985 and more than one third in 1995, respectively, of the shares.
- <sup>f</sup> Profits after tax.
- <sup>g</sup> Refers to net income of majority foreign-owned affiliates only. They represent non-financial firms with a balance sheet total of over 10 million guilders.
- <sup>h</sup> Covers firms with more than 10 persons engaged and a foreign participation of more than 50 per cent.
- <sup>i</sup> Includes data on non-financial enterprises with 20 or more employees for manufacturing and 50 or more employees for services (excluding real estate).
- <sup>j</sup> Data are defined as gross value added less wages and salaries.
- <sup>k</sup> Refers to net income of non-bank all affiliates.
- <sup>l</sup> Profits before taxes. Data refer to foreign-funded enterprises with independent accounting systems.
- <sup>m</sup> Profits before taxes, fiscal year ending 31 March.
- <sup>n</sup> Data represent gross profits before taxation. They pertain to limited companies with annual revenues of five million ringgit or more. Foreign affiliates are defined as being foreign-controlled firms incorporated in Malaysia and branches of firms incorporated abroad.
- <sup>o</sup> Data refer to net operating surplus at the original source. They cover majority-foreign and wholly-foreign affiliates in the secondary sector, excluding those in rubber-processing and granite quarrying.
- <sup>p</sup> Refers to profits before taxation.

**Annex table A.I.12. Outward FDI flows from selected economies in Asia, by region**

(Millions of dollars)

Host region	China <sup>a</sup>		Hong Kong, China <sup>b</sup>		Malaysia <sup>c</sup>		Pakistan		Philippines <sup>d</sup>		Rep. of Korea <sup>e</sup>		Singapore <sup>b</sup>		Taiwan POC <sup>a</sup>		Thailand <sup>f</sup>		Total	
	1991	1995	1987	1996	1987	1997	1987	1994	1992	1997	1992	1997	1987	1996	1987	1997	1987	1997	1987	1997
Africa	1.5	9.2	-	-	-	94.7	12.8	5.5	-	-	27.3	72.4	-	-	-	-	-	-	42.6	181.8
Latin America and the Caribbean	4.1	4.9	-	-	-	12.1	-	-	-	-	35.7	257.8	-	-	-	10.2	1 352.7	-	50.0	1 712.4
South, East and South-East Asia	10.3	49.0	1 944.4	25 253.8	80.9	1 542.5	1.2	2.5	1.0	20.1	491.4	1 392.4	157.4	10 687.9	17.8	786.4	128.8	272.9	2 833.2	40 007.6
West Asia	2.1	0.1	-	-	-	23.1	31.1	10.5	-	-	76.6	27.0	-	-	-	-	-	-	109.7	60.7
Central Asia	-	0.1	-	-	-	3.6	-	-	-	-	-	107.2	-	-	-	-	-	-	-	110.9
The Pacific	1.0	9.0	-	-	-	2.1	-	-	-	-	3.4	54.7	-	-	-	4.7	-	-	4.4	70.5
Developing economies, total	18.9	72.3	1 944.4	25 253.8	80.9	1 678.1	45.1	18.5	1.0	20.1	634.3	1 911.5	157.4	10 687.9	29.0	2 143.8	128.8	357.9	3 039.9	42 143.9
Developed countries	321.6	34.1	420.7	379.1	130.4	1 545.5	0.9	1.5	4.0	113.7	569.1	1 071.9	146.0	575.1	73.7	677.3	39.7	116.9	1 706.2	4 515.0
Central and Eastern Europe	22.0	0.1	-	-	-	1.8	-	-	-	-	14.9	120.9	-	-	-	-	-	-	36.8	122.8
Total world <sup>g</sup>	367.0	106.4	2 365.1	25 632.9	214.4	3 725.9	48.5	31.8	16.0	136.0	1 218.4	3 104.3	303.4	11 262.9	102.8	2 893.8	168.5	555.1	4 804.1	47 449.2

Source: UNCTAD FDI/TNC database.

Note: The data presented in this table are derived from national sources, and do not necessarily correspond to the data presented in annex table B.2 due to differences in the nature of the data.

<sup>a</sup> Data are on an approved basis. POC = Province of China.

<sup>b</sup> Data refer to estimates based on inward flows of partner countries for which data are available.

<sup>c</sup> Data represent equity investment abroad by residents, loans extended to non-residents and purchase of real estate abroad by residents. They do not include retained earnings. Data for 1987 represent transactions effected through the domestic banking system only.

<sup>d</sup> Direct investments consist of cash (outward remittance of foreign exchange) and non-cash (conversion to equity of fees and loans) investments in equity shares.

<sup>e</sup> Data refer to total amount invested and therefore do not take into account withdrawals. 1992 data are unrevised.

<sup>f</sup> Data for 1997 are preliminary.

<sup>g</sup> Includes amounts which cannot be allocated by region.

Annex table A.I.13. Outward FDI stock from selected economies in Asia, by region

(Millions of dollars)

Host region	China <sup>a</sup>		Hong Kong, China <sup>b</sup>		India <sup>c</sup>		Malaysia <sup>d</sup>		Pakistan <sup>e</sup>		Rep. of Korea <sup>f</sup>		Singapore <sup>g</sup>		Taiwan POC <sup>h</sup>		Thailand <sup>i</sup>		Total		
	1990	1995	1987	1996	1987	1992	1987	1997	1987	1994	1987	1997	1987	1990	1996	1987	1997	1987	1997	1987	1997
Africa	49.2	104.4	-	-	-	145.0	-	140.7	89.6	82.8	11.6	362.8	-	-	-	3.7	87.3	-	-	154.1	923.0
Latin America and the Caribbean	58.1	90.9	-	-	-	-	-	179.5	0.2	0.1	16.2	810.5	-	-	-	17.6	5 225.2	-	69.4	92.1	6 375.5
South, East and South-East Asia	179.0	341.1	15 379.1	276 420.4	17.8	29.8	1 057.3	6 214.7	10.5	16.3	229.8	7 459.9	3 990.5	22 793.4	104.6	5 397.3	138.6	1 103.9	21 107.3	319 776.8	
West Asia	12.7	21.4	-	-	-	-	-	36.0	81.1	118.6	183.3	194.9	-	-	-	-	-	-	277.1	370.9	
Central Asia	-	4.7	-	-	-	-	-	7.5	-	-	-	-	-	-	-	-	-	-	-	-	12.2
The Pacific	9.7	28.6	-	-	-	-	-	48.4	-	-	84.9	385.7	-	-	-	4.5	31.0	-	-	99.1	493.7
Developing economies, total	310.6	592.9	15 379.1	276 420.4	17.8	174.8	1 057.3	6 626.8	181.4	217.8	525.8	9 213.8	3 990.5	22 793.4	130.4	10 740.7	138.6	1 173.3	21 731.5	327 953.9	
Developed countries	689.7	1 162.0	1 507.7	3 333.8	10.9	108.4	670.5	5 321.3	12.0	16.1	413.6	7 535.7	2 135.8	10 069.7	244.2	4 490.7	49.1	547.2	5 733.5	32 584.9	
Central and Eastern Europe	27.3	102.4	-	-	-	-	-	3.6	-	-	-	-	-	-	-	-	-	-	-	27.3	106.0
Total world <sup>j</sup>	1 028.7	1 858.5	16 886.8	279 754.3	97.0	293.9	1 811.9	12 736.9	196.6	266.3	939.4	16 749.5	7 808.4	39 800.2	374.6	15 313.6	189.2	1 950.5	29 332.6	368 723.7	

Source: UNCTAD FDI/TNC database.

Note: The data presented in this table are derived from national sources, and do not necessarily correspond to the data presented in annex table B.4 due to differences in the nature of the data.

a Data are an accumulation of approved outward flows from 1980. POC = Province of China.

b Data refer to estimates based on inward stock of partner countries for which data are available.

c Data refer to fiscal years ending 31 March.

d Stocks are an accumulation of flows from 1980. Data refer to equity investment abroad by residents, loans extended to non-residents and purchase of real estate abroad by residents. They do not include retained earnings.

e Data refer to cumulative outward flow data since 1972.

f Stocks are an accumulation of flows since 1968 and are based on actual investments less withdrawals. 'Africa' includes South Africa and Vanuatu. 'Asia' includes Guam and Japan. Australia and New Zealand are included in the 'Pacific'. Malta, Slovenia and Turkey are included in 'Developed countries'.

g Data for 1990 refer only to direct equity investment while those for 1996 represent total direct investment (i.e. including intracompany loans). The series are compiled since 1976.

h Data are an accumulation of flows since 1952 are on an approval basis.

i Data are an accumulation of net equity investment flows abroad since 1978. Data for 1997 are preliminary.

j Includes amounts which cannot be allocated by region.

**Annex table A.I.14. Outward FDI flows from selected countries in Latin America, by region**

(Millions of dollars)

Host region	Argentina <sup>a</sup>		Brazil <sup>b</sup>		Chile <sup>a</sup>		Colombia <sup>c</sup>		Mexico <sup>a</sup>		Peru <sup>d</sup>		Venezuela <sup>a</sup>		Total	
	1986	1992	1986	1991	1986	1992 <sup>e</sup>	1986	1992	1986	1992	1986	1990	1986	1992 <sup>e</sup>	1986	1992
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Latin America and the Caribbean	0.3	15.6	76.4	1 415.1	0.1	0.7	12.4	15.5	1.2	3.2	0.8	1.0	-2.1	5.8	89.0	1 457.0
South, East and South-East Asia	0.2	1.8	-	-	-	-	-	-	-	-	-	-	-	-	0.2	1.8
West Asia	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	1.6	-
Developing countries, total	0.5	17.4	76.4	1 415.1	0.1	0.7	14.0	15.5	1.2	3.2	0.8	1.0	-2.1	5.8	90.8	1 458.8
Memorandum :																
Developed countries Central and Eastern Europe Unspecified	9.4	17.4	58.6	201.8	-1.0	13.7	0.6	58.4	315.0	737.8	-	-	444.0	5.9	826.6	1 035.0
Total world <sup>f</sup>	9.9	34.8	135.0	1 616.9	-0.9	14.4	14.6	73.9	316.2	741.0	0.8	1.0	441.9	11.7	917.4	2 493.8

Source: UNCTAD, based on the Economic Commission for Latin America and the Caribbean, 1993; UNCTAD FDI/TNC database and other international and national sources.

Note: The data presented in this table are derived from national sources, and do not necessarily correspond to the data presented in annex table B.2 due to differences in the nature of the data.

<sup>a</sup> Data refer to estimates based on information on inward flows of partner countries for which data are available. Therefore, they may be underestimated.

<sup>b</sup> Data are based on registrations in the Central Bank of Brazil in the year in which remittances were carried out. Such data do not include investments of the Brazilian TNC, Itaipu Binacional but include state-owned TNCs in the petroleum and telecommunications industries.

<sup>c</sup> Data are based on variations in foreign direct capital stock between two consecutive years.

<sup>d</sup> Data refer to authorized investments by the Commission on Foreign Investment and Technologies (CONITE).

<sup>e</sup> The total values in 1992 as reported by the IMF are \$378 million for Chile and \$156 million for Venezuela respectively. The difference between the totals above and those of the IMF are unknown.

<sup>f</sup> Includes amounts which cannot be allocated by region.

**Annex table A.I.15. Outward FDI stock from selected countries in Latin America, by region**  
(Millions of dollars)

Host region	Argentina <sup>a</sup>		Brazil <sup>b</sup>		Chile		Colombia <sup>d</sup>		Mexico <sup>a</sup>		Peru <sup>e</sup>		Venezuela <sup>a</sup>		Total	
	1986	1992	1986	1991	1986 <sup>a</sup>	1992 <sup>c</sup>	1986	1992	1986	1992	1986	1990	1986	1992	1986	1992
Africa	-	-	16.1	16.1	-	17.1	-	-	-	-	-	-	-	-	16.1	33.3
Latin America and the Caribbean	101.5	485.7	583.7	2 490.4	16.1	647.6	258.3	316.2	43.6	66.1	22.2	46.9	113.8	123.8	1 139.2	4 176.8
South, East and South-East Asia	-	-	16.4	16.4	-	2.8	-	-	-	0.1	-	-	-	-	16.4	19.3
West Asia	-	-	13.8	13.8	-	-	9.2	6.0	-	-	3.8	3.8	-	-	26.8	23.6
Developing countries, total	101.5	485.7	630.3	2 537.0	16.1	667.5	267.5	322.2	43.6	66.2	26.0	50.7	113.8	123.8	1 198.7	4 253.1
Memorandum :																
Developed countries	292.0	721.5	866.5	1 585.8	14.0	44.2	48.3	174.1	847.0	1 298.4	12.5	12.7	476.0	475.0	2 556.3	4 311.7
Central and Eastern Europe	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	0.4
Total world <sup>f</sup>	393.5	1 207.2	1 496.8	4 122.8	30.1	713.0	315.8	496.3	890.6	1 364.5	38.5	63.4	589.8	598.8	3 755.0	8 565.9

*Source:* UNCTAD, based on the Economic Commission for Latin America and the Caribbean, 1993; UNCTAD FDI/TNC database and other international and national sources.

*Note:* The data presented in this table are derived from national sources, and do not necessarily correspond to the data presented in annex table B.4 due to differences in the nature of the data.

<sup>a</sup> Data refer to estimates based on information on inward stock of partner countries for which data are available. Therefore, they may be underestimated.

<sup>b</sup> Data are based on cumulative flows of registered FDI since 1984. Such data do not include investments of the Brazilian TNC, Itaipu Binacional but include state-owned TNCs in the petroleum and telecommunications industries. Data were converted into United States dollars at the exchange rate prevailing on the date of each authorized remittance abroad.

<sup>c</sup> Data reflect cumulative flows of FDI from 1975. Data include investments regulated by Chapter XII, Letter "A" (Formal Foreign Exchange Market) as well as investments regulated by Chapter XII, Letter "B" (Informal Foreign Exchange Market).

<sup>d</sup> Data reflect the net accumulated value of FDI at 31 December of each year as registered in the Foreign Exchange Office of the Banco de la Republica.

<sup>e</sup> Data refer to accumulated amount of outward investment authorized by the Commission on Foreign Investment and Technologies (CONITE).

<sup>f</sup> Includes amounts which cannot be allocated by region.

**Annex table A.I.16. FDI inflows, by industry, 1988**  
(Values in millions of dollars and shares in percentages)

Sector/industry	Developed countries <sup>a</sup>						Developing economies						World <sup>e</sup>	
	Africa <sup>b</sup>		South-East Asia <sup>c</sup>		Latin America and the Caribbean <sup>d</sup>		South-East Asia <sup>c</sup>		Latin America and the Caribbean <sup>d</sup>		Total		World <sup>e</sup>	
	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share
<b>All industries</b>	<b>93 170</b>	<b>100.0</b>	<b>639</b>	<b>100.0</b>	<b>18 457</b>	<b>100.0</b>	<b>7 572</b>	<b>100.0</b>	<b>26 668</b>	<b>100.0</b>	<b>119 837</b>	<b>100.0</b>	<b>119 837</b>	<b>100.0</b>
<b>Primary</b>	<b>8 577</b>	<b>9.2</b>	<b>65</b>	<b>10.1</b>	<b>1 044</b>	<b>5.7</b>	<b>678</b>	<b>9.0</b>	<b>1 787</b>	<b>6.7</b>	<b>10 364</b>	<b>8.6</b>	<b>10 364</b>	<b>8.6</b>
Agriculture, hunting, forestry and fishing	1	-	7	1.0	483	2.6	79	1.0	569	2.1	570	0.5	570	0.5
Mining, quarrying and petroleum	8 576	9.2	58	9.1	561	3.0	599	7.9	1 219	4.6	9 794	8.2	9 794	8.2
Unspecified primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Manufacturing</b>	<b>34 974</b>	<b>37.5</b>	<b>183</b>	<b>28.7</b>	<b>14 140</b>	<b>76.6</b>	<b>3 479</b>	<b>45.9</b>	<b>17 802</b>	<b>66.8</b>	<b>52 776</b>	<b>44.0</b>	<b>52 776</b>	<b>44.0</b>
Food, beverages and tobacco	5 502	5.9	9	1.5	743	4.0	222	2.9	974	3.7	6 476	5.4	6 476	5.4
Textiles, clothing and leather	2 638	2.8	136	21.3	887	4.8	-29	-0.4	994	3.7	3 632	3.0	3 632	3.0
Wood and wood products	335	0.4	-	-	477	2.6	243	3.2	720	2.7	1 055	0.9	1 055	0.9
Publishing, printing and reproduction of recorded media	5 510	5.9	-	-	26	0.1	-	-	26	0.1	5 536	4.6	5 536	4.6
Coke, petroleum products and nuclear fuel	-2 897	-3.1	-	-	230	1.2	-102	-1.4	128	0.5	-2 769	-2.3	-2 769	-2.3
Chemicals and chemical products	5 721	6.1	1	0.1	3 306	17.9	70	0.9	3 376	12.7	9 098	7.6	9 098	7.6
Rubber and plastic products	1 850	2.0	-	-	466	2.5	433	5.7	899	3.4	2 748	2.3	2 748	2.3
Non-metallic mineral products	3 388	3.6	-	-	249	1.4	83	1.1	333	1.2	3 721	3.1	3 721	3.1
Basic metals	1 673	1.8	-	-	987	5.3	631	8.3	1 618	6.1	3 291	2.7	3 291	2.7
Fabricated metal products	1 168	1.3	-	-	-	-	-	-	-	-	1 168	1.0	1 168	1.0
Machinery and equipment	4 255	4.6	-	-	513	2.8	510	6.7	1 023	3.8	5 278	4.4	5 278	4.4
Electric machinery	2 785	3.0	-	-	1 873	10.2	192	2.5	2 066	7.7	4 850	4.0	4 850	4.0
Office, accounting and computing machinery	2 082	2.2	-	-	-	-	-	-	-	-	2 082	1.7	2 082	1.7
Electrical machinery and apparatus	18	-	-	-	1 873	10.1	192	2.5	2 065	7.7	2 084	1.7	2 084	1.7
Radio, television and communication apparatus	685	0.7	-	-	-	-	-	-	-	-	685	0.6	685	0.6
Precision instruments	1 046	1.1	-	-	7	-	-	-	7	-	1 053	0.9	1 053	0.9
Transport equipment	-223	-0.2	-	-	152	0.8	85	1.1	237	0.9	14	0.0	14	0.0
Motor vehicles, trailers and semi-trailers	-233	-0.2	-	-	152	0.8	-1	-	151	0.6	-82	-0.1	-82	-0.1
Other transport equipment	10	-	-	-	-	-	86	1.1	86	0.3	96	0.1	96	0.1
Other manufacturing	2 223	2.4	24	3.7	154	0.8	70	0.9	248	0.9	2 471	2.1	2 471	2.1
Unspecified manufacturing	-	-	13	2.1	4 071	22.1	1 071	14.1	5 155	19.3	5 155	4.3	5 155	4.3

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Annex table A.I.16. FDI inflows, by industry, 1988 (concluded)

(Values in millions of dollars and shares in percentages)

Sector/Industry	Developed countries <sup>a</sup>						Developing economies						World <sup>e</sup>	
	Africa <sup>b</sup>		South-East Asia <sup>c</sup>		Latin America and the Caribbean <sup>d</sup>		Total		World		World			
	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share		
<b>Services</b>	<b>39 999</b>	<b>42.9</b>	<b>254</b>	<b>39.7</b>	<b>2 994</b>	<b>16.2</b>	<b>3 407</b>	<b>45.0</b>	<b>6 654</b>	<b>25.0</b>	<b>46 653</b>	<b>38.9</b>		
Electricity, gas and water	764	0.8	-	-	-	-	-	-	-	764	0.6	-		
Construction	590	0.6	20	3.1	616	3.3	26	0.3	662	2.5	1 252	1.0		
Trade	7 376	7.9	34	5.3	378	2.0	433	5.7	845	3.2	8 220	6.9		
Hotels and restaurants	2 656	2.9	53	8.4	432	2.3	-	-	486	1.8	3 141	2.6		
Transport, storage and communications	878	0.9	31	4.8	226	1.2	292	3.9	549	2.1	1 427	1.2		
Finance	12 639	13.6	58	9.1	253	1.4	546	7.2	857	3.2	13 497	11.3		
Real estate	3 824	4.1	39	6.1	631	3.4	9	0.1	679	2.5	4 504	3.8		
Rental activities	-	-	-	-	-	-	-	-	-	-	-	-		
Business services	7 262	7.8	-	-	7	-	-	-	7	-	7 269	6.1		
Computer and related activities	586	0.6	-	-	-	-	-	-	-	-	586	0.5		
Research and development	-	-	-	-	7	-	-	-	7	-	7	-		
Other business activities	6 676	7.2	-	-	-	-	-	-	-	-	6 676	5.6		
Other services	4 010	4.3	19	3.0	449	2.4	2 100	27.7	2 568	9.6	6 578	5.5		
Public administration and defence	-	-	-	-	-	-	-	-	-	-	-	-		
Education	1	-	-	-	-	-	-	-	-	-	1	-		
Health and social services	-	-	-	-	5	-	-	-	5	-	5	-		
Community, social and personal service activities	672	0.7	-	-	-	-	-	-	-	-	672	0.6		
Others	3 337	3.6	19	3.0	444	2.4	2 100	27.7	2 563	9.6	5 900	4.9		
Unspecified services	-	-	-	-	2	-	-	-	2	-	2	-		
<b>Unspecified</b>	<b>9 620</b>	<b>10.3</b>	<b>137</b>	<b>21.5</b>	<b>279</b>	<b>1.5</b>	<b>9</b>	<b>0.1</b>	<b>424</b>	<b>1.6</b>	<b>10 044</b>	<b>8.4</b>		

Source: UNCTAD, FDI/TNC database.

a Based on FDI inflows to France, Germany, Iceland, Netherlands, Sweden, United Kingdom and the United States that accounted for 71 per cent of total inflows to developed countries in 1988.

b 1992. Based on inflows to Ethiopia, Kenya (approval basis) and Morocco that accounted for 15 per cent of total inflows to Africa in 1992.

c Based on actual inflows to Hong Kong (China), India (1992), Pakistan, Philippines, Republic of Korea, Singapore, Thailand, as well as inflows on an approval basis to Bangladesh, Cambodia (1994), China, Indonesia (1989), Lao People's Democratic Republic, Malaysia, Myanmar (1989), Nepal, Sri Lanka, Taiwan Province of China and Viet Nam. They accounted for 99 per cent of total inflows to South, East and South-East Asia in 1988.

d Based on inflows to Argentina (1989), Bolivia, Brazil, Chile, Colombia, Costa Rica, Mexico (approval basis), Paraguay (1990), Peru, Trinidad and Tobago and Venezuela that accounted for 88 per cent of total inflows to Latin America and the Caribbean in 1988.

e Not including Central and Eastern Europe.

**Annex table A.I.17. FDI inflows, by industry, 1997**

(Values in millions of dollars and shares in percentages)

Sector/industry	Developed countries <sup>a</sup>						Developing economies						World <sup>d</sup>	
	Africa <sup>b</sup>		South, East and South-East Asia <sup>c</sup>		Latin America and the Caribbean <sup>d</sup>		Total		Value		Share		World <sup>d</sup>	
	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share
<b>All industries</b>	<b>198 513</b>	<b>100.0</b>	<b>581</b>	<b>100.0</b>	<b>118 799</b>	<b>100.0</b>	<b>42 515</b>	<b>100.0</b>	<b>161 895</b>	<b>100.0</b>	<b>360 408</b>	<b>100.0</b>	<b>360 408</b>	<b>100.0</b>
<b>Primary</b>	<b>8 591</b>	<b>4.3</b>	<b>89</b>	<b>15.3</b>	<b>3 379</b>	<b>2.8</b>	<b>3 998</b>	<b>9.4</b>	<b>7 466</b>	<b>4.6</b>	<b>16 057</b>	<b>4.5</b>	<b>16 057</b>	<b>4.5</b>
Agriculture, hunting, forestry and fishing	373	0.2	35	6.0	1 342	1.1	418	1.0	1 795	1.1	2 168	0.6	2 168	0.6
Mining, quarrying and petroleum	8 218	4.1	54	9.2	2 037	1.7	3 580	8.4	5 671	3.5	13 889	3.9	13 889	3.9
Unspecified primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Manufacturing</b>	<b>70 281</b>	<b>35.4</b>	<b>187</b>	<b>32.1</b>	<b>70 696</b>	<b>59.5</b>	<b>10 307</b>	<b>24.2</b>	<b>81 189</b>	<b>50.1</b>	<b>151 470</b>	<b>42.0</b>	<b>151 470</b>	<b>42.0</b>
Food, beverages and tobacco	4 495	2.3	13	2.2	2 100	1.8	3 307	7.8	5 420	3.3	9 915	2.8	9 915	2.8
Textiles, clothing and leather	2 975	1.5	112	19.3	970	0.8	65	0.2	1 147	0.7	4 123	1.1	4 123	1.1
Wood and wood products	2 285	1.2	11	1.8	6 022	5.1	120	0.3	6 152	3.8	8 438	2.3	8 438	2.3
Publishing, printing and reproduction of recorded media	889	0.4	-	-	67	0.1	-	-	67	-	956	0.3	956	0.3
Coke, petroleum products and nuclear fuel	4 576	2.3	-	-	2 376	2.0	367	0.9	2 743	1.7	7 319	2.0	7 319	2.0
Chemicals and chemical products	19 368	9.8	2	0.3	13 672	11.5	728	1.7	14 402	8.9	33 770	9.4	33 770	9.4
Rubber and plastic products	1 533	0.8	-	-	143	0.1	319	0.8	462	0.3	1 996	0.6	1 996	0.6
Non-metallic mineral products	1 665	0.8	6	0.9	2 221	1.9	257	0.6	2 483	1.5	4 148	1.2	4 148	1.2
Basic metals	5 540	2.8	-	-	4 129	3.5	131	0.3	4 260	2.6	9 799	2.7	9 799	2.7
Fabricated metal products	2 553	1.3	-	-	1	0.0	-	-	1	-	2 554	0.7	2 554	0.7
Machinery and equipment	8 078	4.1	-	-	2 217	1.9	2 291	5.4	4 508	2.8	12 586	3.5	12 586	3.5
Electric machinery	3 922	2.0	-	-	5 045	4.2	355	0.8	5 400	3.3	9 322	2.6	9 322	2.6
Office, accounting and computing machinery	1 522	0.8	-	-	-	-	-	-	-	-	1 522	0.4	1 522	0.4
Electrical machinery and apparatus	- 91	-	-	-	4 527	3.8	355	0.8	4 882	3.0	4 791	1.3	4 791	1.3
Radio, television and communication apparatus	2 490	1.3	-	-	518	0.4	-	-	518	0.3	3 008	0.8	3 008	0.8
Precision instruments	2 799	1.4	-	-	62	0.1	-	-	62	-	2 860	0.8	2 860	0.8
Transport equipment	4 488	2.3	-	-	556	0.5	223	0.5	778	0.5	5 267	1.5	5 267	1.5
Motor vehicles, trailers and semi-trailers	4 103	2.1	-	-	556	0.5	223	0.5	778	0.5	4 881	1.4	4 881	1.4
Other transport equipment	386	0.2	-	-	-	-	-	-	-	-	386	0.1	386	0.1
Other manufacturing	2 562	1.3	20	3.5	2 361	2.0	462	1.1	2 843	1.8	5 404	1.5	5 404	1.5
Unspecified manufacturing	2 553	1.3	24	4.1	28 755	24.2	1 682	4.0	30 461	18.8	33 014	9.2	33 014	9.2

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Annex table A.I.17. FDI inflows, by industry, 1997 (concluded)

(Values in millions of dollars and shares in percentages)

Sector/Industry	Developing economies											
	Developed countries <sup>a</sup>			Africa <sup>b</sup>			South-East Asia <sup>c</sup>			Latin America and the Caribbean <sup>d</sup>		
	Value	Share		Value	Share		Value	Share		Value	Share	
<b>Services</b>	<b>105 241</b>	<b>53.0</b>	<b>243</b>	<b>41.8</b>	<b>42 472</b>	<b>35.8</b>	<b>24 076</b>	<b>56.6</b>	<b>66 791</b>	<b>41.3</b>	<b>172 032</b>	<b>47.7</b>
Electricity, gas and water	6 435	3.2	-	-	3 958	3.3	7 270	17.1	11 227	6.9	17 662	4.9
Construction	2 439	1.2	16	2.7	3 384	2.8	254	0.6	3 653	2.3	6 092	1.7
Trade	24 119	12.2	27	4.7	4 163	3.5	1 373	3.2	5 563	3.4	29 682	8.2
Hotels and restaurants	- 75	-	2	0.3	3 677	3.1	271	0.6	3 949	2.4	3 875	1.1
Transport, storage and communications	5 349	2.7	22	3.8	9 743	8.2	2 303	5.4	12 068	7.5	17 417	4.8
Finance	38 908	19.6	129	22.2	1 873	1.6	5 253	12.4	7 255	4.5	46 163	12.8
Real estate	7 384	3.7	31	5.3	7 304	6.1	91	0.2	7 426	4.6	14 809	4.1
Rental activities	- 740	-0.4	-	-	-	-	- 1	-	- 1	-	- 741	-0.2
Business services	14 181	7.1	-	-	20	-	5 596	13.2	5 616	3.5	19 797	5.5
Computer and related activities	1 127	0.6	-	-	-	-	-	-	-	-	1 127	0.3
Research and development	84	-	-	-	20	-	-	-	20	-	104	-
Other business activities	12 970	6.5	-	-	-	-	5 596	13.2	5 596	3.5	18 566	5.2
Other services	5 841	2.9	16	2.8	7 803	6.6	207	0.5	8 026	5.0	13 867	3.8
Public administration and defence	-	-	-	-	114	0.1	-	-	114	0.1	114	-
Education	46	-	1	0.1	-	-	-	-	1	-	47	-
Health and social services	-	-	-	-	2 183	1.8	-	-	2 183	1.3	2 183	0.6
Community, social and personal service activities	1 404	0.7	-	-	-	-	26	0.1	26	-	1 430	0.4
Other	4 390	2.2	16	2.7	5 506	4.6	181	0.4	5 703	3.5	10 093	2.8
Unspecified services	1 400	0.7	-	-	547	0.5	1 461	3.4	2 008	1.2	3 408	0.9
<b>Unspecified</b>	<b>14 400</b>	<b>7.3</b>	<b>62.5</b>	<b>10.8</b>	<b>2 252</b>	<b>1.9</b>	<b>4 134</b>	<b>9.7</b>	<b>6 448</b>	<b>4.0</b>	<b>20 848</b>	<b>5.8</b>

Source: UNCTAD, FDI/TNC database.

a Based on FDI inflows to Belgium/Luxembourg, Canada, Denmark, Finland, France, Iceland, Italy, Netherlands, Norway, Sweden, Switzerland, United Kingdom and the United States that accounted for 83 per cent of total inflows to developed countries in 1997.

b 1995. Based on inflows to Ethiopia, Kenya (approval basis), Mauritius (approval basis) and Morocco that accounted for 10 per cent of total inflows to Africa in 1995.

c Based on actual inflows to China, Hong Kong (China), India, Pakistan (1996), Philippines, Singapore (1996), Thailand, as well as inflows on an approval basis to Bangladesh, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar (1996), Nepal, Republic of Korea, Sri Lanka, Taiwan Province of China and Viet Nam (1996). They accounted for 99 per cent of total inflows to South, East and South-East Asia in 1997.

d Based on inflows to Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Mexico, Paraguay, Peru, Trinidad and Tobago and Venezuela that accounted for 90 per cent of total inflows to Latin America and the Caribbean in 1997.

e Not including Central and Eastern Europe.

**Annex table A.I.18. FDI inward stock, by industry, 1988**

(Values in millions of dollars and shares in percentages)

Sector/Industry	Developed countries <sup>a</sup>						Developing economies						World <sup>e</sup>	
	Africa <sup>b</sup>		South, East and South-East Asia <sup>c</sup>		Latin America and the Caribbean <sup>d</sup>		Africa <sup>b</sup>		South, East and South-East Asia <sup>c</sup>		Latin America and the Caribbean <sup>d</sup>		Total	Share
	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share
<b>All Industries</b>	<b>726 966</b>	<b>100.0</b>	<b>4 513</b>	<b>100.0</b>	<b>68 329</b>	<b>100.0</b>	<b>39 379</b>	<b>100.0</b>	<b>112 221</b>	<b>100.0</b>	<b>839 186</b>	<b>100.0</b>	<b>839 186</b>	<b>100.0</b>
<b>Primary</b>	<b>86 443</b>	<b>11.9</b>	<b>2 338</b>	<b>51.8</b>	<b>5 730</b>	<b>8.4</b>	<b>3 480</b>	<b>8.8</b>	<b>11 549</b>	<b>10.3</b>	<b>97 992</b>	<b>11.7</b>	<b>97 992</b>	<b>11.7</b>
Agriculture, hunting, forestry and fishing	1 844	0.3	47	1.0	1 216	1.8	402	1.0	1 665	1.5	3 509	0.4	3 509	0.4
Mining, quarrying and petroleum	84 599	11.6	6	0.1	4 515	6.6	3 078	7.8	7 598	6.8	92 197	11.0	92 197	11.0
Unspecified primary	-	-	2 286	50.6	-	-	-	-	2 286	2.0	2 286	0.3	2 286	0.3
<b>Manufacturing</b>	<b>277 763</b>	<b>38.2</b>	<b>940</b>	<b>20.8</b>	<b>42 192</b>	<b>61.7</b>	<b>26 518</b>	<b>67.3</b>	<b>69 649</b>	<b>62.1</b>	<b>347 412</b>	<b>41.4</b>	<b>347 412</b>	<b>41.4</b>
Food, beverages and tobacco	24 654	3.4	-	-	2 648	3.9	2 606	6.6	5 255	4.7	29 909	3.6	29 909	3.6
Textiles, clothing and leather	11 068	1.5	-	-	3 064	4.5	922	2.3	3 986	3.6	15 054	1.8	15 054	1.8
Wood and wood products	7 466	1.0	-	-	1 886	2.8	897	2.3	2 784	2.5	10 250	1.2	10 250	1.2
Publishing, printing and reproduction of recorded media	9 597	1.3	-	-	159	0.2	-	-	159	0.1	9 755	1.2	9 755	1.2
Coke, petroleum products and nuclear fuel	45 308	6.2	-	-	1 602	2.3	910	2.3	2 512	2.2	47 820	5.7	47 820	5.7
Chemicals and chemical products	36 358	5.0	-	-	8 049	11.8	5 930	15.1	13 979	12.5	50 337	6.0	50 337	6.0
Rubber and plastic products	5 133	0.7	-	-	930	1.4	879	2.2	1 808	1.6	6 941	0.8	6 941	0.8
Non-metallic mineral products	10 061	1.4	-	-	1 258	1.8	692	1.8	1 950	1.7	12 011	1.4	12 011	1.4
Basic metals	20 973	2.9	-	-	7 616	11.1	2 352	6.0	9 968	8.9	30 941	3.7	30 941	3.7
Fabricated metal products	5 376	0.7	-	-	189	0.3	-	-	189	0.2	5 565	0.7	5 565	0.7
Machinery and equipment	30 038	4.1	-	-	2 768	4.1	3 751	9.5	6 519	5.8	36 558	4.4	36 558	4.4
Electric machinery	26 856	3.7	-	-	8 879	13.0	2 795	7.1	11 674	10.4	38 530	4.6	38 530	4.6
Office, accounting and computing machinery	12 220	1.7	-	-	-	-	-	-	-	-	12 220	1.5	12 220	1.5
Electrical machinery and apparatus	3 413	0.5	-	-	8 878	13.0	2 795	7.1	11 674	10.4	15 086	1.8	15 086	1.8
Radio, television and communication apparatus	11 223	1.5	-	-	1	0.0	-	-	1	-	11 223	1.3	11 223	1.3
Precision instruments	4 815	0.7	-	-	249	0.4	-	-	249	0.2	5 064	0.6	5 064	0.6
Transport equipment	10 692	1.5	-	-	1 555	2.3	3 791	9.6	5 346	4.8	16 038	1.9	16 038	1.9
Motor vehicles, trailers and semi-trailers	9 847	1.4	-	-	1 555	2.3	-	-	1 555	1.4	11 402	1.4	11 402	1.4
Other transport equipment	845	0.1	-	-	-	-	3 791	9.6	3 791	3.4	4 636	0.6	4 636	0.6
Other manufacturing	5 498	0.8	-	-	844	1.2	993	2.5	1 837	1.6	7 334	0.9	7 334	0.9
Unspecified manufacturing	23 870	3.3	940	20.8	496	0.7	-	-	1 436	1.3	25 306	3.0	25 306	3.0

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Annex table A.I.18 FDI inward stock, by industry, 1988 (concluded)

(Values in millions of dollars and shares in percentages)

Sector/Industry	Developed countries <sup>a</sup>						Developing economies						World <sup>e</sup>	
	Africa <sup>b</sup>		South-East Asia <sup>c</sup>		Latin America and the Caribbean <sup>d</sup>		Total		World <sup>e</sup>		World <sup>e</sup>			
	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share		
<b>Services</b>	<b>324 226</b>	<b>44.6</b>	<b>1 235</b>	<b>27.4</b>	<b>19 983</b>	<b>29.2</b>	<b>9 362</b>	<b>23.8</b>	<b>30 579</b>	<b>27.2</b>	<b>354 805</b>	<b>42.3</b>		
Electricity, gas and water	2 028	0.3	-	-	7	0.0	5	-	13	-	2 041	0.2		
Construction	3 203	0.4	-	-	1 820	2.7	51	0.1	1 871	1.7	5 074	0.6		
Trade	100 913	13.9	-	-	2 741	4.0	1 712	4.3	4 453	4.0	105 366	12.6		
Hotels and restaurants	4 302	0.6	-	-	1 756	2.6	-	-	1 756	1.6	6 058	0.7		
Transport, storage and communications	3 615	0.5	-	-	780	1.1	97	0.2	876	0.8	4 491	0.5		
Finance	119 714	16.5	14	0.3	8 597	12.6	2 084	5.3	10 695	9.5	130 409	15.5		
Real estate	26 582	3.7	-	-	1 431	2.1	277	0.7	1 708	1.5	28 290	3.4		
Rental activities	15 142	2.1	-	-	-	-	-	-	-	-	15 142	1.8		
Business services	13 646	1.9	-	-	350	0.5	-	-	350	0.3	13 995	1.7		
Research and development	-	-	-	-	-	-	-	-	-	-	-	-		
Computer and related activities	846	0.1	-	-	-	-	-	-	-	-	846	0.1		
Other business activities	12 800	1.8	-	-	350	0.5	-	-	350	0.3	13 149	1.6		
Other services	14 092	1.9	80	1.8	2 428	3.6	5 136	13.0	7 644	6.8	21 736	2.6		
Public administration and defence	-	-	-	-	-	-	-	-	-	-	-	-		
Education	4	-	-	-	-	-	-	-	-	-	4	-		
Health and social services	-	-	-	-	-	-	-	-	-	-	-	-		
Community, social and personal service activities	1 897	0.3	-	-	-	-	-	-	-	-	1 897	0.2		
Other	12 191	1.7	80	1.8	2 428	3.6	5 136	13.0	7 644	6.8	19 835	2.4		
Unspecified services	20 990	2.9	1 140	25.3	72	0.1	-	-	1 212	1.1	22 202	2.6		
<b>Unspecified</b>	<b>38 534</b>	<b>5.3</b>	<b>-</b>	<b>-</b>	<b>424</b>	<b>0.6</b>	<b>20</b>	<b>0.0</b>	<b>444</b>	<b>0.4</b>	<b>38 978</b>	<b>4.6</b>		

Source: UNCTAD, FDI/TNC database.

<sup>a</sup> Based on inward stock in Australia, Austria, Canada, Germany, Iceland, Italy, Norway, Switzerland, United Kingdom and United States that accounted for 76 per cent of total inward stock in developed countries in 1988.<sup>b</sup> Based on inward stock in Namibia (1990), Nigeria and Swaziland that accounted for 26 per cent of total inward stock in Africa in 1988.<sup>c</sup> Based on actual inward stock in Hong Kong (China), India, Indonesia (1992), Pakistan, Philippines, Republic of Korea, Singapore, Thailand, as well as inward stock on an approval basis in Bangladesh, Cambodia (1994), Lao People's Democratic Republic, Malaysia, Nepal, Sri Lanka, Taiwan Province of China and Viet Nam. They accounted for 89 per cent of total inward stock in South, East and South-East Asia in 1988.<sup>d</sup> Based on inward stock in Bolivia, Brazil, Colombia, Peru and Venezuela, accounting for 38 per cent of total inward stock in Latin America and the Caribbean in 1988.<sup>e</sup> Not including Central and Eastern Europe.

**Annex table A.I.19. FDI inward stock, by industry, 1997**

(Values in millions of dollars and shares in percentages)

Sector/industry	Developed countries <sup>a</sup>		Africa <sup>b</sup>		South, East and South-East Asia <sup>c</sup>		Latin America and the Caribbean <sup>d</sup>		Total		World <sup>e</sup>	
	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share	Value	Share
<b>All Industries</b>	<b>1 849 909</b>	<b>100.0</b>	<b>3 212</b>	<b>100.0</b>	<b>903 473</b>	<b>100.0</b>	<b>83 995</b>	<b>100.0</b>	<b>990 680</b>	<b>100.0</b>	<b>2 840 590</b>	<b>100.0</b>
<b>Primary</b>	<b>141 169</b>	<b>7.6</b>	<b>1 716</b>	<b>53.4</b>	<b>30 958</b>	<b>3.4</b>	<b>4 817</b>	<b>5.7</b>	<b>37 491</b>	<b>3.8</b>	<b>178 661</b>	<b>6.3</b>
Agriculture, hunting, forestry and fishing	3 022	0.2	72	2.2	15 678	1.7	539	0.6	16 288	1.6	19 310	0.7
Mining, quarrying and petroleum	138 147	7.5	332	10.3	15 281	1.7	4 279	5.1	19 892	2.0	158 039	5.6
Unspecified primary	-	-	1 312	40.8	-	-	-	-	1 312	0.1	1 312	-
<b>Manufacturing</b>	<b>617 691</b>	<b>33.4</b>	<b>862</b>	<b>26.8</b>	<b>555 587</b>	<b>61.5</b>	<b>32 549</b>	<b>38.8</b>	<b>588 997</b>	<b>59.5</b>	<b>1 206 688</b>	<b>42.5</b>
Food, beverages and tobacco	65 747	3.6	-	-	11 781	1.3	4 674	5.6	16 455	1.7	82 202	2.9
Textiles, clothing and leather	23 314	1.3	-	-	12 584	1.4	1 331	1.6	13 915	1.4	37 229	1.3
Wood and wood products	22 582	1.2	-	-	30 655	3.4	2 048	2.4	32 703	3.3	55 285	1.9
Publishing, printing and reproduction of recorded media	18 896	1.0	-	-	449	-	-	-	449	-	19 345	0.7
Coke, petroleum products and nuclear fuel	58 220	3.1	-	-	14 709	1.6	11	-	14 720	1.5	72 940	2.6
Chemicals and chemical products	126 929	6.9	-	-	79 663	8.8	5 338	6.4	85 001	8.6	211 930	7.5
Rubber and plastic products	11 429	0.6	-	-	2 316	0.3	3 005	3.6	5 322	0.5	16 750	0.6
Non-metallic mineral products	18 121	1.0	-	-	11 143	1.2	1 430	1.7	12 573	1.3	30 694	1.1
Basic metals	42 174	2.3	-	-	34 679	3.8	3 302	3.9	37 981	3.8	80 155	2.8
Fabricated metal products	12 683	0.7	-	-	-	-	-	-	-	-	12 683	0.4
Machinery and equipment	55 078	3.0	-	-	7 417	0.8	3 325	4.0	10 742	1.1	65 820	2.3
Electric machinery	54 733	3.0	-	-	33 861	3.7	2 815	3.4	36 676	3.7	91 408	3.2
Office, accounting and computing machinery	22 025	1.2	-	-	-	-	-	-	-	-	22 025	0.8
Electrical machinery and apparatus	6 394	0.3	-	-	33 232	3.7	2 815	3.4	36 046	3.6	42 440	1.5
Radio, television and communication apparatus	26 314	1.4	-	-	630	0.1	-	-	630	0.1	26 944	0.9
Precision instruments	14 165	0.8	-	-	273	-	-	-	273	-	14 437	0.5
Transport equipment	32 878	1.8	-	-	4 367	0.5	3 583	4.3	7 950	0.8	40 828	1.4
Motor vehicles, trailers and semi-trailers	29 104	1.6	-	-	4 367	0.5	3 360	4.0	7 727	0.8	36 831	1.3
Other transport equipment	3 775	0.2	-	-	-	-	223	0.3	223	-	3 998	0.1
Other manufacturing	23 528	1.3	-	-	5 755	0.6	445	0.5	6 200	0.6	29 728	1.0
Recycling	22	-	-	-	-	-	-	-	-	-	22	-
Unspecified manufacturing	37 194	2.0	862	26.8	305 934	33.9	1 244	1.5	308 040	31.1	345 234	12.2

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Annex table A.I.19. FDI inward stock, by industry, 1997 (concluded)

(Values in millions of dollars and shares in percentages)

Sector/Industry	Developing economies																
	Developed countries <sup>a</sup>			Africa <sup>b</sup>			South, East and South-East Asia <sup>c</sup>			Latin America and the Caribbean <sup>d</sup>			Total		World <sup>e</sup>		
	Value	Share	Share	Value	Share	Share	Value	Share	Share	Value	Share	Share	Value	Share	Value	Share	
<b>Services</b>	<b>1 033 389</b>	<b>55.9</b>	<b>19.8</b>	<b>635</b>	<b>32.8</b>	<b>296 280</b>	<b>32.8</b>	<b>46 607</b>	<b>55.5</b>	<b>343 521</b>	<b>34.7</b>	<b>1 376 911</b>	<b>48.5</b>	<b>48.5</b>	<b>1 376 911</b>	<b>34.7</b>	<b>48.5</b>
Electricity, gas and water	23 851	1.3	-	-	2.1	18 893	2.1	7 571	9.0	26 464	2.7	50 315	1.8	1.8	50 315	2.7	1.8
Construction	10 994	0.6	2.2	72	2.3	21 128	2.3	479	0.6	21 679	2.2	32 673	1.2	1.2	32 673	2.2	1.2
Trade	254 385	13.8	2.4	76	3.2	28 688	3.2	5 566	6.6	34 330	3.5	288 715	10.2	10.2	288 715	3.5	10.2
Hotels and restaurants	21 562	1.2	-	-	2.1	18 695	2.1	69	0.1	18 764	1.9	40 325	1.4	1.4	40 325	1.9	1.4
Transport, storage and communications	26 621	1.4	0.6	20	3.4	30 783	3.4	5 054	6.0	35 857	3.6	62 477	2.2	2.2	62 477	3.6	2.2
Finance	393 298	21.3	0.4	12	1.1	10 311	1.1	6 259	7.5	16 582	1.7	409 880	14.4	14.4	409 880	1.7	14.4
Real estate	59 619	3.2	-	-	16.3	147 395	16.3	1 445	1.7	148 840	15.0	208 458	7.3	7.3	208 458	15.0	7.3
Rental activities	805	-	-	-	-	-	-	-	-	-	-	805	-	-	805	-	-
Business services	171 790	9.3	-	-	0.2	1 590	0.2	20 048	23.9	21 638	2.2	193 428	6.8	6.8	193 428	2.2	6.8
Computer and related activities	3 156	0.2	-	-	-	-	-	-	-	-	-	3 156	0.1	0.1	3 156	-	0.1
Research and development	82	-	-	-	0.2	1 584	0.2	-	-	1 584	0.2	1 666	0.1	0.1	1 666	0.2	0.1
Other business activities	168 551	9.1	-	-	6	6	-	20 048	23.9	20 054	2.0	188 606	6.6	6.6	188 606	2.0	6.6
Other services	69 891	3.8	4.5	146	1.9	17 499	1.9	51	0.1	17 696	1.8	87 587	3.1	3.1	87 587	1.8	3.1
Public administration and defence	-	-	-	-	-	19	-	-	-	19	-	19	-	-	19	-	-
Education	522	-	-	-	-	99	-	-	-	99	-	621	-	-	621	-	-
Health and social services	6 445	0.3	-	-	0.5	4 409	0.5	-	-	4 409	0.4	10 855	0.4	0.4	10 855	0.4	0.4
Community, social and personal service activities	9 094	0.5	-	-	6	6	-	51	0.1	57	-	9 151	0.3	0.3	9 151	-	0.3
Others	53 829	2.9	4.5	146	1.4	12 967	1.4	-	-	13 112	1.3	66 942	2.4	2.4	66 942	1.3	2.4
Unspecified tertiary	575	-	9.6	310	0.1	1 298	0.1	64	0.1	1 672	0.2	2 247	0.1	0.1	2 247	0.2	0.1
<b>Unspecified</b>	<b>57 660</b>	<b>3.1</b>	<b>-</b>	<b>-</b>	<b>2.3</b>	<b>20 649</b>	<b>2.3</b>	<b>22</b>	<b>-</b>	<b>20 671</b>	<b>2.1</b>	<b>78 330</b>	<b>2.8</b>	<b>2.8</b>	<b>78 330</b>	<b>2.1</b>	<b>2.8</b>

Source: UNCTAD, FDI/TNC database.

<sup>a</sup> Based on inward stock in Australia, Austria (1996), Canada, Denmark (1996), Finland, France (1996), Germany (1996), Iceland, Italy, Netherlands (1996), Norway, Switzerland, United Kingdom and United States that accounted for 81 per cent of total inward stock in developed countries in 1997.

<sup>b</sup> Based on inward stock in Namibia (1994), Nigeria (1992), and Swaziland (1993) that accounted for 30 per cent of total inward stock in Africa in 1994.

<sup>c</sup> Based on actual inward stock in Hong Kong (China), India (1995), Pakistan (1996), Philippines, Singapore (1996), Thailand and Viet Nam (1996), as well as inward stock on an approval basis in Bangladesh, Cambodia, China, Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar (1996), Nepal, Republic of Korea, Sri Lanka and Taiwan Province of China. They accounted for 99 per cent of total inward stock in South, East and South-East Asia in 1997.

<sup>d</sup> Based on inward stock in Brazil, Colombia, and Peru, accounting for 38 per cent of total inward stock in Latin America and the Caribbean in 1997.

<sup>e</sup> Not including Central and Eastern Europe.

**Annex table A.1.20. FDI outward stock of developed countries, by industry, 1988**

(Values in millions of dollars and shares in percentages)

Sector/Industry	Australia	Austria <sup>a</sup>	Canada <sup>b</sup>	Finland <sup>c</sup>	France <sup>d</sup>	Germany	Iceland <sup>e</sup>	Italy	Japan <sup>f</sup>	Norway <sup>g</sup>	Switzerland	United Kingdom <sup>h</sup>	United States	Total	Share
<b>Total</b>	<b>26 513</b>	<b>1 702</b>	<b>66 877</b>	<b>5 708</b>	<b>51 464</b>	<b>104 186</b>	<b>56</b>	<b>36 906</b>	<b>185 734</b>	<b>3 973</b>	<b>48 907</b>	<b>183 709</b>	<b>347 179</b>	<b>1 062 915</b>	<b>100.0</b>
<b>Primary</b>	<b>5 014</b>	<b>15</b>	<b>15 629</b>	-	<b>63</b>	<b>2 105</b>	-	<b>3 661</b>	<b>16 031</b>	<b>654</b>	-	<b>42 813</b>	<b>43 174</b>	<b>129 159</b>	<b>12.2</b>
Agriculture, hunting, forestry and fishing	51	-	-	-	63	72	-	80	1 844	-	-	1 341	542	3 992	0.4
Mining, quarrying and petroleum	4 963	15	15 629	-	-	2 033	-	3 581	14 188	654	-	41 472	42 632	125 167	11.8
<b>Manufacturing</b>	<b>6 764</b>	<b>627</b>	<b>4 450</b>	<b>3 338</b>	<b>31 993</b>	<b>63 523</b>	<b>50</b>	<b>11 974</b>	<b>49 628</b>	<b>1 811</b>	<b>30 337</b>	<b>66 456</b>	<b>150 327</b>	<b>421 279</b>	<b>39.6</b>
Food, beverages and tobacco	1 808	29	-	-	2 915	627	50	1 051	1 971	-	-	15 292	16 973	40 716	3.8
Textiles, clothing and leather	-	63	-	-	708	1 079	-	-	2 680	-	-	5 763	1 616	11 909	1.1
Wood and wood products	-	-	2 530	-	260	1 089	-	-	2 100	-	-	-	6 665	12 644	1.2
Publishing, printing and reproduction of recorded media	-	-	-	-	-	81	-	-	-	-	-	-	1 064	1 145	0.1
Coke, petroleum products and nuclear fuel	147	269	-	818	7 306	523	-	-	-	-	-	16 557	7 730	33 349	3.1
Chemicals and chemical products	-	-	-	-	5 015	21 416	-	-	6 317	-	-	-	31 896	64 644	6.1
Rubber and plastic products	-	-	-	-	1 717	1 354	-	-	-	-	-	-	6 327	9 398	0.9
Non-metallic mineral products	-	-	-	-	3 579	1 355	-	-	-	-	-	-	2 962	7 896	0.7
Basic metals	1 571	231	-	1 311	2 247	2 647	-	3 057	7 661	-	-	1 659	2 616	22 999	2.2
Fabricated metal products	-	-	-	-	-	1 358	-	-	-	-	-	-	5 357	6 715	0.6
Machinery and equipment	-	-	1 921	-	144	5 860	-	-	4 718	-	-	3 726	9 729	26 098	2.5
Electric machinery	-	10	-	-	4 172	11 394	-	-	10 197	-	-	8 239	28 967	62 978	5.9
Office, accounting and computing machinery	-	-	-	-	487	1 077	-	-	-	-	-	8 239	19 267	29 070	2.7
Electrical machinery and apparatus	-	-	-	-	3 684	10 317	-	-	10 197	-	-	-	743	24 941	2.3
Radio, television and communication apparatus	-	10	-	-	-	-	-	-	-	-	-	-	8 957	8 967	0.8
Precision instruments	-	-	-	-	-	790	-	-	-	-	-	-	7 864	8 654	0.8
Transport equipment	-	25	-	-	3 667	13 859	-	-	6 955	-	-	1 724	19 353	45 584	4.3
Motor vehicles, trailers and semi-trailers	-	25	0	-	-	13 180	-	-	6 955	-	-	1 724	18 467	40 352	3.8
Other transport equipment	-	-	-	-	-	679	-	-	-	-	-	-	886	1 565	0.1
Other manufacturing	-	-	-	-	-	47	-	-	-	-	-	13 495	1 208	14 750	1.4
Unspecified manufacturing	3 238	-	-	1 210	263	44	-	7 866	7 029	1 811	30 337	-	-	51 799	4.9

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Annex table A.1.20. FDI outward stock of developed countries, by industry, 1988 (concluded)

(Values in millions of dollars and shares in percentages)

Sector/Industry	Australia	Austria <sup>a</sup>	Canada <sup>b</sup>	Finland <sup>c</sup>	France <sup>d</sup>	Germany	Iceland <sup>e</sup>	Italy	Japan <sup>f</sup>	Norway <sup>g</sup>	Switzerland	United Kingdom <sup>h</sup>	United States	Total	Share
<b>Services</b>	<b>14 561</b>	<b>1 061</b>	<b>25 317</b>	<b>1 784</b>	<b>19 408</b>	<b>38 558</b>	<b>6</b>	<b>21 271</b>	<b>119 554</b>	<b>1 355</b>	<b>18 570</b>	<b>74 441</b>	<b>146 658</b>	<b>482 543</b>	<b>45.4</b>
Electricity, gas and water	-	27	-	-	-	1 114	-	-	-	-	-	-	618	1 758	0.2
Construction	-	21	-	-	673	780	-	-	1 421	-	-	2 463	922	6 280	0.6
Trade	909	293	8 047	337	2 160	3 795	6	3 823	19 709	122	-	17 934	42 425	99 560	9.4
Hotels and restaurants	-	3	-	-	385	-	-	-	-	-	-	-	4 029	4 417	0.4
Transport, storage and communications	690	2	-	-	715	1 004	-	267	4 299	426	-	3 284	2 973	13 660	1.3
Finance	11 904	181	17 270	1 219	12 401	15 019	-	16 601	41 993	807	-	22 224	83 602	223 222	21.0
Real estate	-	-	-	-	153	280	-	-	20 625	-	-	-	1 806	22 863	2.2
Rental activities	-	-	-	-	-	-	-	-	-	-	-	-	1 392	1 392	0.1
Business services	-	534	-	-	1 710	12 688	-	-	-	-	-	-	3 778	18 709	1.8
Computer and related activities	-	-	-	-	-	-	-	-	-	-	-	-	691	691	0.1
Research and development	-	-	-	-	-	-	-	-	-	-	-	-	60	60	0.0
Other business activities	0	534	-	-	1710	12 688	-	-	-	-	-	-	3 027	17 958	1.7
Other services	522	-	-	228	1 262	3 878	-	580	-	-	-	28 536	5 113	40 118	3.8
Education	-	-	-	-	-	-	-	-	-	-	-	-	87	87	0.0
Health and social services	-	-	-	-	176	-	-	-	-	-	-	-	611	787	0.1
Community, social and personal service activities	-	-	-	-	-	-	-	-	-	-	-	-	1 097	1 097	0.1
Others	522	-	-	228	1 085	3 878	-	580	-	-	-	28 536	3 318	38 146	3.6
Unspecified services	536	-	-	-	-50	-	-	-	31 508	-	18 570	-	-	50 564	4.8
<b>Unspecified</b>	<b>175</b>	<b>-</b>	<b>21 480</b>	<b>586</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>522</b>	<b>152</b>	<b>-</b>	<b>-</b>	<b>7 020</b>	<b>29 934</b>	<b>2.8</b>

Source: UNCTAD, FDI/TNC database.

Note: The data presented in this table are derived from national sources, and do not necessarily correspond to the data presented in annex table B.4 due to differences in the nature of the data.

<sup>a</sup> Austria combines manufacture of petroleum products with chemical, rubber and plastic products.<sup>b</sup> Canada's energy and metallic minerals is placed in mining, quarrying and petroleum. Wood products include paper. Machinery and equipment includes motor vehicles. Trade is retail trade and other services.<sup>c</sup> Finland's manufacture of metal includes engineering.<sup>d</sup> France's manufacture of food also includes some agriculture and manufacture of wood includes printing & publishing.<sup>e</sup> Iceland's manufacture of wood includes publishing & printing.<sup>f</sup> Japan data is on a notification basis.<sup>g</sup> Norway's trade includes hotels and restaurants, finance includes real estate and commercial services.<sup>h</sup> United Kingdom's manufacture of textiles includes wood products and printing & publishing. Petroleum products combines chemicals and plastics. Metal and mechanical products are combined. Office and communications equipment are combined. Real estate and business services are combined.

**Annex table A.1.21. FDI outward stock of developed countries, by industry, 1997**

(Values in millions of dollars and shares in percentages)

Sector / industry	Australia	Austria <sup>a</sup>	Canada <sup>b</sup>	Denmark <sup>c</sup>	Finland <sup>d</sup>	France <sup>e</sup>	Germany <sup>f</sup>	Iceland <sup>g</sup>	Italy	Japan <sup>h</sup>	Netherlands <sup>i</sup>	Norway <sup>j</sup>	Switzerland <sup>k</sup>	United Kingdom <sup>l</sup>	United States	Total	Share
<b>Total</b>	<b>44 231</b>	<b>12 450</b>	<b>143 938</b>	<b>27 622</b>	<b>20 297</b>	<b>192 965</b>	<b>303 501</b>	<b>268</b>	<b>125 075</b>	<b>689 837</b>	<b>201 430</b>	<b>25 440</b>	<b>159 228</b>	<b>371 120</b>	<b>860 723</b>	<b>3 178 126</b>	<b>100.0</b>
<b>Primary</b>	<b>5 312</b>	<b>116</b>	<b>35 664</b>	<b>50</b>	<b>3 272</b>	<b>12 319</b>	<b>2 010</b>	<b>29</b>	<b>8 348</b>	<b>42 724</b>	<b>49 248</b>	<b>5 541</b>	-	<b>57 499</b>	<b>63 726</b>	<b>285 858</b>	<b>9.0</b>
Agriculture, hunting, forestry and fishing	25	-	-	17	3 272	18	117	29	183	4 963	126	-	-	483	737	9 989	0.3
Mining, quarrying and petroleum	5 288	116	35 664	34	-	12 301	1 874	-	8 165	37 761	49 121	5 541	-	57 016	62 989	275 870	8.7
<b>Manufacturing</b>	<b>19 599</b>	<b>3 268</b>	<b>9 248</b>	<b>6 695</b>	<b>14 135</b>	<b>69 615</b>	<b>132 465</b>	<b>125</b>	<b>37 330</b>	<b>204 760</b>	<b>49 638</b>	<b>13 070</b>	<b>69 261</b>	<b>141 754</b>	<b>296 972</b>	<b>1 067 934</b>	<b>33.6</b>
Food, beverages and tobacco	-	297	-	2 271	-	14 450	2 249	114	3 685	10 213	17 104	-	-	43 837	42 660	136 879	4.3
Textiles, clothing and leather	-	395	-	84	-	1 299	2 741	2	1 970	10 855	-	-	497	16 571	3 203	37 618	1.2
Wood and wood products	-	-	4 328	320	-	1 205	1 429	2	-	6 756	-	-	-	-	14 182	28 222	0.9
Publishing, printing and reproduction of recorded media	-	-	-	-	-	-	992	-	-	-	-	-	-	-	2 482	3 474	0.1
Coke, petroleum products and nuclear fuel	-	709	-	-	-	1 091	1 723	-	-	-	-	-	13 744	43 713	8 679	69 859	2.2
Chemicals and chemical products	-	-	-	1 733	3 136	14 733	36 977	2	6 332	29 163	-	-	23 998	-	73 488	189 562	6.0
Rubber and plastic products	-	-	-	336	-	2 814	2 331	1	-	-	-	-	-	-	9 644	15 126	0.5
Non-metallic mineral products	-	-	-	-	-	-	2 973	-	-	-	-	-	-	-	5 747	8 720	0.3
Basic metals	-	854	-	185	7 739	9 206	2 433	-	5 289	23 256	20 499	-	10 554	6 941	5 363	92 319	2.9
Fabricated metal products	-	-	-	-	-	-	2 439	-	-	-	-	-	-	-	9 369	11 808	0.4
Machinery and equipment	-	-	4 920	1 060	-	7 746	13 130	4	7 875	19 154	-	-	-	-	16 808	70 698	2.2
Electric machinery	-	199	-	118	-	3 047	22 629	-	-	50 230	-	-	-	71	50 589	126 883	4.0
Office, accounting and computing machinery	-	-	-	-	-	2 120	732	-	-	-	-	-	-	71	17 776	20 699	0.7
Electrical machinery and apparatus	-	-	-	-	-	-	20 947	-	-	50 230	-	-	-	-	-	71 177	2.2
Radio, television and communication apparatus	-	199	-	118	-	927	950	-	-	-	-	-	-	-	32 813	35 007	1.1
Precision instruments	-	-	-	-	-	-	1 652	-	-	-	-	-	-	-	14 065	15 717	0.5
Transport equipment	-	52	-	34	-	7 078	38 287	-	4 392	28 207	-	-	-	7 088	36 439	121 576	3.8
Motor vehicles, trailers and semi-trailers	-	52	-	34	-	7 078	37 659	-	4 392	28 207	-	-	-	7 088	33 284	117 760	3.7
Other transport equipment	-	-	-	-	-	-	628	-	-	-	-	-	-	-	3 155	3 817	0.1
Other manufacturing	-	761	-	-	3 259	-	450	-	-	26 926	12 035	-	-	23 532	4 254	71 217	2.2
Recycling	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-	30	-
Unspecified manufacturing	19 599	-	-	555	-	6 947	-	-	7 787	-	-	13 070	20 468	-	-	68 425	2.2

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Annex table A.1.21. FDI outward stock of developed countries, by industry, 1997 (concluded)

(Values in millions of dollars and shares in percentages)

Sector / industry	Australia	Austria <sup>a</sup>	Canada <sup>b</sup>	Denmark <sup>c</sup>	Finland <sup>d</sup>	France <sup>e</sup>	Germany <sup>f</sup>	Iceland <sup>g</sup>	Italy	Japan <sup>h</sup>	Netherlands <sup>i</sup>	Norway <sup>j</sup>	Switzerland <sup>k</sup>	United Kingdom <sup>l</sup>	United States	Total	Share
<b>Services</b>	<b>16 211</b>	<b>9 066</b>	<b>62 074</b>	<b>19 447</b>	<b>1 766</b>	<b>109 939</b>	<b>169 026</b>	<b>114</b>	<b>79 397</b>	<b>429 115</b>	<b>102 544</b>	<b>6 473</b>	<b>89 968</b>	<b>171 865</b>	<b>500 026</b>	<b>1 767 031</b>	<b>55.6</b>
Electricity, gas and water	-	159	-	185	-	7 528	2 383	-	-	-	-	-	-	2 205	15 953	28 413	0.9
Construction	965	445	-	320	-	1 200	1 488	-	-	5 795	1 278	-	-	5 011	1 374	17 876	0.6
Trade	941	1 597	15 989	7 957	217	6 821	8 356	56	5 205	74 878	19 330	1 832	5 011	28 568	90 152	266 908	8.4
Hotels and restaurants	-	192	-	219	-	4 957	169	-	-	-	-	-	-	8 701	7 151	21 388	0.7
Transport, storage and communications	1 309	47	-	2 052	-	4 856	2 481	48	1 793	37 642	4 858	1 521	1 734	11 454	24 438	56 590	1.8
Finance	12 735	2 459	46 085	2 187	519	49 360	50 213	6	51 367	124 812	33 061	3 120	81 383	74 289	314 069	845 666	26.6
Real estate	-	358	-	892	582	2 356	1 153	-	-	91 479	-	-	-	32 481	1 208	130 509	4.1
Rental activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7 433	7 433	0.2
Business services	1 570	3 707	-	4 492	-	32 272	97 081	4	-	-	-	-	-	26 517	165 644	165 644	5.2
Computer and related activities	-	-	-	84	-	2 432	1 380	-	-	-	-	-	-	11 845	15 741	15 741	0.5
Research and development	-	-	-	-	-	909	-	-	-	-	-	-	-	-	782	1 691	0.1
Other business activities	1 570	3 707	-	4 407	-	28 932	95 701	3	-	-	-	-	-	13 890	148 211	148 211	4.7
Other services	-	103	-	34	448	589	5 702	-	-	94 508	44 018	-	1 840	9 157	11 731	168 129	5.3
Education	-	-	-	-	-	-	76	-	-	-	-	-	-	-	59	135	-
Health and social services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	78	-
Community, social and personal service activities	-	-	-	-	-	-	430	-	-	-	-	-	-	-	3 714	4 144	0.1
Others	-	103	-	34	448	589	5 196	-	-	94 508	44 018	-	1 840	9 157	7 880	163 772	5.2
Unspecified services	1 309	-	-	1 110	-	-	-	-	21 033	-	-	-	-	-	-	58 477	1.8
<b>Unspecified</b>	<b>3 108</b>	<b>-</b>	<b>36 953</b>	<b>1 430</b>	<b>1 124</b>	<b>1 091</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13 239</b>	<b>-</b>	<b>357</b>	<b>- 1</b>	<b>2</b>	<b>- 1</b>	<b>57 302</b>	<b>1.8</b>

Source : UNCTAD, FDI/TNC database.

Note: The data presented in this table are derived from national sources, and do not necessarily correspond to the data presented in annex table B.4 due to differences in the nature of the data.

a Austria combines manufacture of petroleum products with chemical, rubber and plastic products. 1996 data.  
b Canada's energy and metallic minerals is placed in mining, quarrying and petroleum. Wood products include paper. Machinery and equipment includes motor vehicles. Trade is retail trade and other services.  
c Denmark manufacture of wood also includes publishing & printing. 1996 data.  
d Finland's manufacture of metal includes engineering.  
e France's manufacture of food also includes some agriculture and manufacture of wood includes printing & publishing.  
f Germany's other business activities include an unspecified component of \$398 million, which mainly related to rental activities and research and development. It also includes holding companies. Education includes health and services.  
g Iceland's manufacture of wood includes publishing & printing. 1996 data.  
h Japan's data on a notification basis. Therefore, the data are overestimated. 1996 data.  
i Netherlands' mining, quarrying and petroleum includes the manufacture of petroleum products and chemicals, manufacture of metal includes electrical engineering and finance is banking and insurance.  
j Norway's trade includes hotels and restaurants; finance includes real estate and commercial services.  
k Switzerland's manufacture of petroleum products includes electronic, optical and watch making. Manufacture of metals includes machinery.  
l United Kingdom's manufacture of textiles includes wood products and printing & publishing. Petroleum products combines chemicals and plastics. Metal and mechanical products are combined. Office and communications equipment are combined. Real estate and business services are combined.

**Annex table A.II.1. FDI inflows and investment opportunities in Africa, by industrial sectors, 1996-1998 and 2000-2003**

Sector/industry	FDI inflows received during 1996-1998			Countries that identified sectors to offer the best investment opportunities in 2000-2003
	Considerable <sup>a</sup>	Little <sup>b</sup>	None	
Agriculture	Côte d'Ivoire Gambia, The Kenya Madagascar Malawi Mali Mozambique Sudan Uganda Zambia Zimbabwe	Algeria Botswana Burkina Faso Cameroon Cape Verde Ethiopia Ghana Mauritius Morocco Namibia Rwanda South Africa Tanzania, United Republic of Togo Tunisia	Algeria Congo, Democratic Republic of Niger Seychelles	Algeria Cameroon Egypt Ethiopia Gambia, The Ghana Kenya Madagascar Malawi Mali Mozambique Niger Tanzania, United Republic of Togo Uganda
Fishing and aquaculture	Côte d'Ivoire Egypt <sup>c</sup> Gambia, The <sup>c</sup> Madagascar Mozambique Namibia Uganda	Algeria Botswana Cameroon Cape Verde Ghana Malawi Mauritius Morocco Rwanda South Africa Sudan Tanzania, United Republic of Togo Tunisia Zambia Zimbabwe	Congo, Democratic Republic of Ethiopia Niger Seychelles	Egypt Gambia, The Madagascar Mozambique Tanzania, United Republic of Togo
Forestry	Cameroon Egypt Sudan Zimbabwe	Botswana Ghana Madagascar Malawi Mozambique South Africa Tanzania, United Republic of Togo Tunisia Uganda Zambia	Algeria Cape Verde Congo, Democratic Republic of Ethiopia Gambia, The Mauritius Namibia Niger Rwanda Seychelles	Algeria Congo, Democratic Republic of Mozambique South Africa Tanzania, United Republic of Togo Zimbabwe
Mining and quarrying	Botswana Burkina Faso Congo, Democratic Republic of Côte d'Ivoire Ethiopia Ghana Madagascar Mali Namibia Niger Sudan Tanzania, United Republic of Togo Zimbabwe	Gambia, The Malawi Morocco South Africa Tunisia Uganda Zambia	Algeria Cameroon Cape Verde Egypt Mauritius Rwanda Seychelles	Algeria Congo, Democratic Republic of Côte d'Ivoire Egypt Ethiopia Gambia, The Madagascar Mozambique Niger Tanzania, United Republic of Zimbabwe
Petroleum, gas and related products	Algeria Burkina Faso Cameroon Côte d'Ivoire Egypt Namibia South Africa Tanzania, United Republic of	Botswana Congo, Democratic Republic of Ethiopia Gambia, The Ghana Morocco Niger Rwanda Sudan Tunisia	Cape Verde Madagascar Malawi Mauritius Seychelles Togo Uganda Zambia	Algeria Gambia, The Mozambique Niger

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**Annex table A.II.1. FDI inflows and investment opportunities in Africa, by industrial sectors, 1996-1998 and 2000-2003 (continued)**

Sector/industry	FDI inflows received during 1996-1998			Countries that identified sector to offer the best investment opportunities in 2000-2003
	Considerable <sup>a</sup>	Little <sup>b</sup>	None	
Food and beverages	Botswana Côte d'Ivoire Egypt Ethiopia Gambia, The Kenya Madagascar Mozambique Rwanda Seychelles South Africa Tanzania, United Republic of Togo Tunisia Uganda Zambia Zimbabwe	Algeria Burkina Faso Cameroon Cape Verde Ghana Malawi Mali Mauritius Morocco Namibia Sudan	Congo, Democratic Republic of Niger Sudan	Botswana Cameroon Côte d'Ivoire Ethiopia Gambia, The Ghana Kenya Malawi Mali Morocco Niger Senegal Seychelles South Africa Togo Uganda Zambia Zimbabwe
Tobacco	Burkina Faso Egypt Malawi Mozambique Seychelles Tanzania, United Republic of Tunisia	Botswana Cameroon Côte d'Ivoire Ethiopia Kenya South Africa Sudan Zimbabwe	Algeria Cape Verde Congo, Democratic Republic of Gambia, The Ghana Madagascar Mauritius Morocco Namibia Niger Togo	Malawi Mozambique
Textiles, leather, clothing	Botswana Cape Verde Egypt Gambia, The Madagascar Malawi Mali Mauritius Niger Tanzania, United Republic of Tunisia Zambia Zimbabwe	Algeria Burkina Faso Côte d'Ivoire Ethiopia Ghana Kenya Morocco Mozambique Namibia South Africa Sudan Togo	Cameroon Congo, Democratic Republic of Rwanda Seychelles	Botswana Ethiopia Gambia, The Ghana Kenya Madagascar Malawi Mali Mauritius Morocco Mozambique Niger Senegal Seychelles Uganda Zambia Zimbabwe
Pharmaceuticals and chemical products	Algeria Côte d'Ivoire Egypt Ethiopia Gambia, The Mauritius Seychelles Tunisia Zimbabwe	Botswana Cape Verde Ghana Kenya Malawi Mali Morocco Mozambique Namibia Niger South Africa Sudan Tanzania, United Republic of Togo Uganda Zambia	Congo, Democratic Republic of Madagascar Rwanda	Algeria Botswana Gambia, The Kenya Malawi Mauritius Mozambique Senegal Seychelles South Africa Uganda
Metals and metal products	Burkina Faso Egypt Ethiopia Zambia	Botswana Gambia, The Ghana Mauritius	Algeria Cameroon Cape Verde Congo, Democratic Republic of	Botswana Congo, Democratic Republic of Mozambique Zambia

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Annex table A.II.1. FDI inflows and investment opportunities in Africa, by industrial sectors, 1996-1998 and 2000-2003 (continued)

Sector/industry	FDI inflows received during 1996-1998			Countries that identified sector to offer the best investment opportunities in 2000-2003
	Considerable <sup>a</sup>	Little <sup>b</sup>	None	
	Zimbabwe	Morocco Mozambique Namibia South Africa Sudan Tanzania, United Republic of Tunisia	Côte d'Ivoire Madagascar Malawi Niger Rwanda Seychelles Togo Uganda	Zimbabwe
Mechanical and electrical equipment	Botswana Egypt Gambia, The Tanzania, United Republic of Tunisia	Cameroon Cape Verde Côte d'Ivoire Ghana Kenya Madagascar Malawi Mauritius Morocco Mozambique Rwanda South Africa Tanzania, United Republic of Zambia Zimbabwe	Algeria Burkina Faso Congo, Democratic Republic of Ethiopia Namibia Niger Seychelles Sudan Togo Uganda	Algeria Botswana Gambia, The Senegal
Motor vehicles	Botswana Egypt Gambia, The South Africa Tunisia	Ghana Morocco Namibia Rwanda Seychelles Tanzania, United Republic of Zimbabwe	Algeria Cameroon Cape Verde Congo, Democratic Republic of Ethiopia Madagascar Malawi Mauritius Niger Sudan Togo Uganda Zambia	Algeria Botswana South Africa
Non-metallic mineral products	Burkina Faso Côte d'Ivoire Egypt Tanzania, United Republic of	Ethiopia Gambia, The Malawi Morocco Niger South Africa Togo Tunisia Zambia	Algeria Cape Verde Congo, Democratic Republic of Madagascar Mauritius Namibia Rwanda Seychelles Uganda	Ethiopia Gambia, The Niger Zambia
Telecommunications	Botswana Burkina Faso Congo, Democratic Republic of Côte d'Ivoire Egypt Gambia, The Ghana Madagascar Malawi Mali Mauritius Namibia Seychelles South Africa Sudan Tanzania, United Republic of Zambia Zimbabwe	Cape Verde Kenya Morocco Mozambique Rwanda Togo Tunisia Uganda	Algeria Ethiopia Niger	Botswana Cameroon Congo, Democratic Republic of Ethiopia Gambia, The Kenya Malawi Mali Mauritius Morocco Mozambique Niger Senegal Togo Uganda Zimbabwe
Finance and insurance	Botswana Cameroon	Algeria Burkina Faso	Ethiopia Niger	Algeria Botswana

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**Annex table A.II.1. FDI inflows and investment opportunities in Africa, by industrial sectors, 1996-1998 and 2000-2003 (concluded)**

Sector/industry	FDI inflows received during 1996-1998			Countries that identified sector to offer the best investment opportunities in 2000-2003
	Considerable <sup>a</sup>	Little <sup>b</sup>	None	
	Côte d'Ivoire Egypt Gambia, The Ghana Malawi Mauritius Mozambique Namibia Seychelles	Cape Verde Congo, Democratic Republic of Kenya Madagascar Mali Morocco Rwanda South Africa Tanzania, United Republic of Togo Uganda Zambia Zimbabwe	Sudan	Ethiopia Gambia, The Ghana Madagascar Malawi Mauritius Seychelles Uganda Zimbabwe
Transport and storage	Botswana Cameroon Egypt Gambia, The Madagascar Mauritius Namibia Sudan Tunisia	Burkina Faso Cape Verde Côte d'Ivoire Ghana Malawi Mali Morocco Mozambique Rwanda Seychelles South Africa Tanzania, United Republic of Togo Uganda Zambia Zimbabwe	Algeria Congo, Democratic Republic of Ethiopia Niger	Botswana Congo, Democratic Republic of Côte d'Ivoire Egypt Gambia, The Malawi Mauritius Morocco Uganda
Tourism	Botswana Burkina Faso Cape Verde Côte d'Ivoire Egypt Ethiopia Gambia, The Ghana Madagascar Malawi Mauritius Mozambique Namibia Seychelles Tanzania, United Republic of Tunisia Zambia	Kenya Mali Morocco South Africa Sudan Togo Uganda Zimbabwe	Algeria Cameroon Congo, Democratic Republic of Niger Rwanda	Botswana Cameroon Côte d'Ivoire Egypt Ethiopia Gambia, The Ghana Madagascar Malawi Mali Mauritius Morocco Mozambique Niger Seychelles South Africa Tanzania, United Republic of Uganda Zambia
Other	Cape Verde <sup>d</sup> Mauritius <sup>e</sup> Morocco <sup>f</sup> Namibia <sup>g</sup>	Seychelles Uganda <sup>g</sup>	Congo, Democratic Republic of Gambia, The <sup>h</sup>	Egypt Gambia, The <sup>h</sup> Mauritius <sup>e</sup> Niger <sup>i</sup> Uganda <sup>g</sup>

Source: UNCTAD.

Notes: Based on a survey among African investment promotion agencies including investment promotion agencies from Algeria, Botswana, Burkina Faso, Cameroon, Cape Verde, Egypt, Ethiopia, Congo, Democratic Republic of, Côte d'Ivoire, Gambia, The, Ghana, Kenya, Madagascar, Malawi, Mali, Mauritius, Morocco, Mozambique, Namibia, Niger, Rwanda, Senegal, Seychelles, South Africa, Sudan, Togo, Tunisia, Uganda, Zambia and Zimbabwe. A response also received from the Zanzibar Investment Promotion Agency which appears in the table under "United Republic of Tanzania".

<sup>a</sup> The term "considerable" is defined as a share of ten per cent or more in total accumulated FDI inflows into the country in 1996-1998.

<sup>b</sup> The term "little" is defined as a share of less than ten per cent in total accumulated FDI inflows into the country in 1996-1998.

<sup>c</sup> The responses of the country may not correspond to the criterion defining the classification "considerable", i.e. that the industry has received ten or more per cent of total accumulated FDI inflows in 1996-1998, as the agency has marked more than ten industries as having received "considerable" FDI inflows.

<sup>d</sup> Shoes.

<sup>e</sup> Information technology.

<sup>f</sup> Banking.

<sup>g</sup> Infrastructure development.

<sup>h</sup> Offshore facilities.

<sup>i</sup> Handicrafts.

Annex table A.II.2. Geographical sources of inward FDI stock in Central and Eastern European countries, latest year available

(Percentage)

Host country and year	Belarus, 1998 <sup>a</sup>	Bosnia and Herzegovina, 1998 <sup>a</sup>	Bulgaria, 1998 <sup>a</sup>	Croatia, 1998	Czech Republic, 1997	Estonia, 1998	Hungary, 1997	Latvia, 1998	Lithuania, 1998	Macedonia, FYR, 1997	Moldova, Republic, 1998	Poland, 1997	Romania, 1998	Russian Federation, 1998 <sup>a</sup>	Slovakia, 1998	Slovenia, 1997	Ukraine, 1998
<b>Central and Eastern Europe</b>	<b>11</b>	<b>23</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>13</b>	<b>3</b>	<b>3</b>	<b>32</b>	<b>1</b>	<b>4</b>	<b>..</b>	<b>10</b>	<b>15</b>	<b>7</b>
Russian Federation	..	..	2	-	-	2	1	9	..	..	29	-	-	..	..	..	7
Croatia	..	17	..	..	..	-	..	..	..	..	..	-	..	..	..	15	-
<b>European Union</b>	<b>65</b>	<b>30</b>	<b>63</b>	<b>41</b>	<b>81</b>	<b>77</b>	<b>59</b>	<b>53</b>	<b>57</b>	<b>87</b>	<b>23</b>	<b>77</b>	<b>60</b>	<b>22</b>	<b>71</b>	<b>75</b>	<b>25</b>
Austria	3	4	5	24	10	2	11	1	..	21	1	4	5	1	20	31	-
Belgium-Luxembourg	..	..	18	2	2	-	4	-	..	..	6	2	5	..	..	-	-
Denmark	..	3	..	1	-	5	-	16	4	..	..	4	-	..	..	2	-
Finland	..	..	..	..	..	27	-	4	19	..	..	1	..	3	..	..	-
France	-	3	1	2	1	-	6	-	..	2	..	11	7	1	7	8	-
Germany	25	17	16	3	31	3	25	8	7	17	6	22	10	8	20	14	8
Greece	..	..	4	..	..	..	-	..	..	39	4	-	2	..	..	..	..
Italy	9	4	..	2	2	1	3	-	..	3	..	5	8	2	..	8	-
Netherlands	25	..	7	1	28	2	14	3	..	..	..	22	15	2	8	4	9
Sweden	..	..	..	4	3	32	1	7	22	5	..	2	2	2	..	..	-
United Kingdom	3	-	5	3	5	4	8	8	5	..	..	4	5	6	13	5	8
<b>Other developed countries</b>																	
Japan	..	..	..	..	1	-	2	..	..	..	..	-	-	2	..	-	..
Switzerland-Liechtenstein	3	..	4	6	2	5	3	4	..	..	6	3	2	2	..	4	6
United States	17	..	7	42	6	5	15	11	16	..	19	12	7	30	11	5	18
<b>Developing countries</b>																	
Cyprus	..	..	7	-	1	..	1	-	..	..	1	..	2	26	..	-	5
Korea, Republic of	..	..	2	..	..	..	1	..	..	..	..	2	6	..	..	..	7
Kuwait	..	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Turkey	..	12	2	..	..	-	-	..	..	..	..	-	5	..	..	-	..
<b>Other and not specified</b>	<b>4</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>7</b>	<b>11</b>	<b>19</b>	<b>20</b>	<b>24</b>	<b>10</b>	<b>20</b>	<b>5</b>	<b>13</b>	<b>17</b>	<b>9</b>	<b>-</b>	<b>31</b>
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Source: UNCTAD, FDI/TNC database.

<sup>a</sup> Based on commitment data.



**Annex table A.III.1. Cross-border M&A deals with values of over \$1 billion announced in 1998**

Deal value (Billion dollars)	Acquiring company	Home economy	Industry of acquiring company	Acquired company	Host economy	Industry of acquired company
55.0	British Petroleum Co PLC (BP)	United Kingdom	Petroleum expl/ref/dist	Amoco Corp	United States	Petroleum expl/ref/dist
40.5	Daimler-Benz AG	Germany	Automotive	Chrysler Corp	United States	Automotive
31.8	ZENECA Group PLC	United Kingdom	Pharmaceuticals	Astra AB	Sweden	Pharmaceuticals
21.2	Hoechst-AG-Life Sciences Divs	Germany	Chemicals/pharmaceuticals	Rhone-Poulenc SA-Life Sciences	France	Pharmaceuticals
12.6	Scottish Power PLC	United Kingdom	Electric utility	PacificCorp	United States	Utilities
11.5	Total SA	France	Petroleum expl/ref/dist	Petrofina SA	Belgium	Petroleum expl/ref/dist
10.3	Universal Studios Inc	United States	Media	PolyGram NV(Philips Electr)	Netherlands	Media
9.1	Deutsche Bank AG	Germany	Banking	Bankers Trust New York Corp	United States	Banking
9.0	Northern Telecom Ltd(BCE Inc)	Canada	Telecommunications	Bay Networks Inc	United States	Data networking prods
8.8	Texas Utilities Co	United States	Electric and gas utility	Energy Group PLC	United Kingdom	Electric utility/coal mining
8.6	VIAG AG	Germany	Diversified	Alusuisse-Lonza AG	Switzerland	Chemicals
6.9	Enso Oy	Finland	Paper,lumber,chemicals	Stora Kopparbergs Bergslags AB	Sweden	Forestry; pulp, products
6.9	Teleglobe Inc	Canada	Telecommunications	Excel Communications Inc	United States	Telecommunications
6.1	Astra AB	Sweden	Pharmaceuticals	Astra Merck Inc(Merck & Co)	United States	Pharmaceuticals
5.9	Suez Lyonnaise des Eaux	France	Diversified	Societe Generale de Belgique	Belgium	Banking
5.3	Total SA	France	Petroleum expl/ref/dist	Petrofina SA	Belgium	Petroleum expl/ref/dist
5.1	Aeropuertos Argentina 2000	United States	Airports	Argentina-Airports(33)	Argentina	Own, operate airports
5.1	Alcatel Alsthom CGE	France	Telecommunications	DSC Communications Corp	United States	Telecommunications
5.0	British Telecom-Worldwide Ast	United Kingdom	Telecommunications	AT&T-Worldwide Assets,Ops	United States	Telecommunications
5.0	Investor Group	Spain	Investor group	TELESP(Telebras/Brazil)	Brazil	Telecommunications
4.7	Hong Kong Monetary Authority	Hong Kong, China	Government agency	HSBC Holdings PLC	United Kingdom	Banking
4.6	Pearson PLC	United Kingdom	Publishing	Simon & Schuster-Educ,Prof	United States	Publishing
4.1	B&Q PLC(Kingfisher PLC)	United Kingdom	Trading	Castorama Dubois	France	Trading
3.8	National Grid Co PLC	United Kingdom	Electric utility	New England Electric System	United States	Electric utility
3.7	Akzo Nobel NV	Netherlands	Chemicals	Courtaulds PLC	United Kingdom	Chemicals
3.6	Owens-Illinois Inc	United States	Glass,plastic containers	BTR PLC-Global Packaging &	Australia	Packaging
3.2	AXA-UAP	France	Insurance	Royale Belge SA	Belgium	Insurance
3.2	Electricite de France (EDF)	France	Electric utility	London Electricity(Entergy Po)	United Kingdom	Electric utility
3.1	Investor Group	Portugal	Investor group	Telesp Celular Participacoes	Brazil	Telecommunications
3.0	Bass PLC	United Kingdom	Food and beverages	Saison Holdings BV	Netherlands	Tourism
2.9	Canadian National Railway Co	Canada	Railroad services	Illinois Central Corp	United States	Railroad services
2.8	Metro AG(Metro Holding AG)	Germany	Trading	Metro Holding-Wrldwid Whl	Denmark	Trading
2.8	Koninklijke Ahold NV	Netherlands	Trading	Giant Food Inc	United States	Trading
2.6	Bowater Inc	United States	Paper and lumber	Avenor Inc	Canada	Paper,pulp,lumber
2.5	Union Pacific Resources Group	United States	Petroleum expl/ref/dist	Norcen Energy Resources Ltd	Canada	Petroleum expl/ref/dist
2.5	Ciba Specialty Chemicals Hldgs	Switzerland	Chemicals	Allied Colloids Group PLC	United Kingdom	Chemicals
2.4	Enron Corp	United States	Own,operate gas pipelines	Wessex Water PLC	United Kingdom	Utilities
2.4	Shareholders	Australia	Investor group	Coca-Cola Beverages(Coca-Cola)	United Kingdom	Food and beverages
2.4	Telecom Italia(T Treasury)	Italy	Telecommunications	Telekom Austria	Austria	Telecommunications
2.3	Anglo American Corp of SA Ltd	South Africa	Diversified	Minorco SA	Luxembourg	Mining
2.3	MCI Communications Corp	United States	Telecommunications services	Embratel(Telebras/Brazil)	Brazil	Telecommunications
2.1	Marsh & McLennan Cos Inc	United States	Insurance	Sedgwick Group PLC	United Kingdom	Insurance
2.1	Boston Scientific Corp	United States	Catheters	Schneider Worldwide	Switzerland	Catheters
2.1	ABN-AMRO Holding NV	Netherlands	Banking	Banco Real SA	Brazil	Banking
1.9	Bacardi Corp	United States	Food and beverages	Diageo-Dewar's,Bombay Gin	United Kingdom	Food and beverages

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Annex table A.III.1. Cross-border M&amp;A deals with values of over \$1 billion announced in 1998 (concluded)

Deal value (Billion dollars)	Acquiring company	Home economy	Industry of acquiring company	Acquired company	Host economy	Industry of acquired company
1.9	El du Pont de Nemours and Co	United States	Chemicals	Herberts Paints(Hoechst AG)	Germany	Paints
1.9	Coca-Cola Co	United States	Food and beverages	Cadbury Schweppes-Soft Drinks	United Kingdom	Food and beverages
1.9	NTL Inc	United States	Telecommunications	Diamond Cable Communications	United Kingdom	Cable television services
1.9	Framatome Connectors Intl	France	Electronics	Berg Electronics Corp	United States	Electronics
1.8	Swiss Reinsurance Co	Switzerland	Insurance	Life Re Corp	United States	Insurance
1.8	Investor Group	Italy	Investor group	Telecentro Sul (Telebrás)	Brazil	Telecommunications
1.8	Cable & Wireless PLC	United Kingdom	Telecommunications services	MCI Communications Corp-Whl	United States	Telecommunications
1.7	Valeo SA	France	Automotive	ITT Inds-Automotive Electrical	United States	Automotive electrical system
1.7	Deutsche Telekom AG(Germany)	Germany	Telecommunications	France Telecom SA(France)	France	Telecommunications
1.6	Giovanni Agnelli & Co	Italy	Holding company/diversified	Exor Group (IFI)	Luxembourg	Financial services
1.6	Epic Energy Inc.	Canada	Petroleum explore/dist	Australia-Dampier to Bunbury	Australia	Pipelines
1.6	Texas Utilities Co	United States	Electric and gas utility	Energy Group PLC	United Kingdom	Electric utility,mining
1.6	Deutsche Verkehrs-Bank AG	Germany	Banking	Long-European Shipping Fin Div	United Kingdom	Financial services
1.5	Fortis International NV	Netherlands	Insurance	ASLK-CGER Banque	Belgium	Banking
1.5	Singapore Telecommunications	Singapore	Telecommunications	Binariang (Tegas Sari)	Malaysia	Telecommunications,postal services
1.5	Pax International Inc	Japan	Investment company	Questar International Inc	United States	Medical laboratories
1.5	ING Groep NV	Netherlands	Insurance	BHF Bank	Germany	Banking
1.4	EMAP PLC	United Kingdom	Publishing/media	Petersen Companies Inc	United States	Publishing
1.4	Ispat International	Netherlands	Steel	Inland Steel Co	United States	Steel
1.4	Monsanto Co	United States	Chemicals	Cargill-International Seed Ope	Mexico	Research seeds
1.4	Reed Elsevier PLC	United Kingdom	Publishing	Matthew Bender & Co	United States	Publishing
1.4	General Electric Co PLC	United Kingdom	Electronics	Tracor Inc	United States	Electronics
1.3	Cendant Corp	United States	Services/trading	National Parking Corp Ltd	United Kingdom	Trading
1.3	Investor Group	United States	Investor group	Electrificadora del Caribe,	Colombia	Electric utility
1.3	Amvescap PLC	United States	Financial services	Chancellor LGT Asset Mgmt	United States	Financial services
1.3	Bertelsmann AG	Germany	Publishing	Random House Inc	United States	Publishing
1.3	Assicurazioni Generali	Spain	Insurance	Banca della Svizzera Italiana	Switzerland	Banking
1.2	National Power PLC	United Kingdom	Electric utility	Union Fenosa Generacion SA	Spain	Electric utility
1.2	Investor Group	United Kingdom	Investor group	CBS Corp-Westinghouse Nuclear	United States	Pvd energy systems,govt svcs
1.2	Investor Group	France	Investor group	Electrafin SA	Belgium	Oil and gas exploration, prodn
1.2	SAlrGroup	Switzerland	Passenger airline	Luftransport-Unternehmen KG	Germany	Travel agency
1.2	Nestle SA	Switzerland	Food and beverages	Spiller's Peifoods(Dalgety)	United Kingdom	Food and beverages
1.1	Artemis SA	France	Investor group	Telesudeste Celular(Telebrás)	Brazil	Telecommunications
1.1	Bayer AG	Germany	Holding company	Christie's International PLC	United Kingdom	Holding company
1.1	Thyssen Aufzuege AG(Thyssen)	Germany	Pharmaceuticals	Chiron Diagnostics Corp	United States	Research laboratories
1.1	Placer Dome Inc	Germany	Elevators,conveyors	Dover Corp-Elevator Business	United States	Elevator maintenance services
1.1	AEP Resources Inc	Canada	Mining	Getchell Gold Corp	United States	Mining
1.1	Imperial Tobacco Group PLC	United States	Electric utility	Citipower Ltd(Energy Corp)	Australia	Electric utility
1.1	Salomon Smith Barney Holdings	United Kingdom	Food and beverages	Douwe Egbert Van Nelle Tobacco	Netherlands	Food and beverages
1.1	Investor Group	United States	Financial services	Nikko Securities Co Ltd	Japan	Financial services
1.1	Investor Group	Netherlands	Investor group	BTR PLC-Australia Building	Australia	Plastic,rubber products
1.0	British Telecommunications PLC	Spain	Investor group	Cia Riograndense de Telecomun	Brazil	Telecommunications
1.0	Havas SA(Vivendi SA)	United Kingdom	Telecommunications	Concert Commun(British/MCI)	United States	Networking services
1.0		France	Holding company	Cendant Software Corp	United States	Software

Source: UNCTAD, based on data provided by Securities Data Company, Inc. (New York).

Annex table A.VII.1. The hundred leading industrial R&D performers in the United States, 1996

Rank 1996	Rank 1986	Company	R&D (Million dollars)	R&D/sales (Per cent)	Rank 1996	Rank 1986	Company	R&D (Million dollars)	R&D/sales (Per cent)
1	1	General Motors	8,900.0	5.6	51	67	Emerson Electric	398.7	3.6
2	3	Ford Motor	6,821.0	4.6	52	37	Goodyear Tire & Rubber	374.5	2.9
3	2	IBM	3,934.0	5.2	53	-	Chiron	371.1	30.7
4	9	Hewlett-Packard	2,718.0	7.1	54	49	Deere	370.3	3.3
5	20	Motorola	2,394.0	8.6	55	19	McDonnell Douglas	355.0	2.6
6	4	Lucent Technologies <sup>a</sup>	2,056.0	13.0	56	-	Silicon Graphics	353.5	12.1
7	66	TRW <sup>b</sup>	1,981.0	20.1	57	42	Honeywell	353.3	4.8
8	18	Johnson & Johnson	1,905.0	8.8	58	99	Tandem Computers	345.4	18.2
9	46	Intel	1,808.0	8.7	59	24	AlliedSignal	345.0	2.5
10	31	Pfizer	1,684.0	14.9	60	25	Unisys	342.9	5.4
11	12	Chrysler	1,600.0	2.7	61	56	Baxter International	340.0	6.3
12	22	Merck	1,487.3	7.5	62	41	Raytheon	323.3	2.6
13	-	Microsoft	1,432.0	16.5	63	62	AMP	315.1	5.8
14	47	American Home Products	1,429.1	10.1	64	-	Novell	275.6	20.0
15	5	General Electric	1,421.0	1.8	65	45	Mobil	275.0	0.4
16	35/63	Bristol Myers Squibb	1,276.0	8.5	66	73	Eaton	267.0	3.8
17	33	Pharmacia & Upjohn	1,266.0	17.4	67	29	Northrop Grumman	255.0	3.2
18	23	Procter & Gamble	1,221.0	3.5	68	-	Bay Networks	253.2	12.3
19	38	Abbott Laboratories	1,204.8	10.9	69	-	Automatic Data Processing	249.6	7.0
20	11	Boeing	1,200.0	5.3	70	55	PPG Industries	239.1	3.3
21	26	Lilly	1,189.5	16.2	71	-	Cummins Engine	235.0	4.5
22	26	Texas Instruments	1,181.0	11.9	72	-	Boston Scientific	212.3	14.5
23	8	United Technologies	1,122.0	4.8	73	-	Genzyme	211.5	40.8
24	10	Digital Equipment	1,062.3	7.3	74	-	DSC Communications	210.1	15.2
25	13	Xerox	1,044.0	6.0	75	82	Ingersoll-Rand	209.3	3.1
26	6	Dupont	1,032.0	2.7	76	-	General Instrument	209.3	7.8
27	7	Eastman Kodak	1,028.0	6.4	77	83	Kimberly-Clark	207.9	1.6
28	16	3M	947.0	6.7	78	-	Gillette	204.0	2.1
29	-	Rhone-Poulenc	882.1	16.3	79	-	LSI Logic	200.5	16.2
30	21/51	Lockheed Martin	784.0	2.9	80	-	Whirlpool	197.0	2.3
31	15	Dow Chemical	761.0	3.8	81	-	Case	193.0	3.6
32	17	Monsanto	728.0	7.9	82	-	Micron Technology	191.9	5.3
33	53	Schering-Plough	722.8	12.8	83	86	Corning	191.3	5.2
34	28	Rockwell International	691.0	6.7	84	-	RJR Nabisco	191.0	1.1
35	-	Sun Microsystems, Inc.	657.1	9.3	85	69	FMC	189.4	3.8
36	4	AT&T <sup>a</sup>	640.0	1.2	86	74	Rohm & Haas	187.0	4.7
37	75	Apple Computer	604.0	6.1	87	84	Textron	185.0	2.0
38	58	Warner-Lambert	554.8	7.7	88	-	Eastman Chemical	184.0	3.8
39	54	ITT Industries	535.2	6.1	89	48	Chevron	182.0	0.5
40	-	Amgen	528.3	23.6	90	-	Tellabs	181.9	20.9
41	14	Exxon	520.0	0.4	91	-	Analog Devices	177.8	14.9
42	-	Seagate Technology	519.1	6.0	92	-	Storage Technology	176.4	8.7
43	78	Philip Morris	515.0	0.9	93	-	Lam Research	173.0	13.6
44	-	Applied Materials	481.4	11.6	94	44	Shell Oil	173.0	0.6
45	32	NCR	444.0	6.4	95	-	Sybase	172.0	17.0
46	-	Genentech	434.1	51.3	96	52	Amoco	171.0	0.5
47	61	Caterpillar	410.0	2.5	97	72	Alcoa	165.5	1.3
48	-	Compaq Computer	407.0	2.2	98	-	Johnson Controls	165.0	1.6
49	60	Advanced Micro Devices	400.7	20.5	99	-	Dana	164.0	2.1
50	-	Cisco Systems	399.3	9.7	100	64	NYNEX	163.1	1.2

Source: National Science Board, 1998, Appendix table 4-23.

Note: - denotes company unranked in 1986.

<sup>a</sup> Lucent Technologies was split off from AT&T in 1996.

<sup>b</sup> TRW restated its R&D expenses reported to the Securities and Exchange Commission in 1996 to include all "sponsor-supported" R&D, which means that federal R&D funds are now included in the company's total.

**Annex table A.VII.2. R&D propensities and skills base in major country groups**

(Simple averages, latest year available)

Countries and regions <sup>a</sup>	Scientists/engineers in R&D		Total R&D (Per cent of GNP)	Sector of performance (Per cent)		Source of financing (Per cent distribution)		Source of financing (Per cent of GNP)	
	Per million population	Numbers		Productive Sector	Higher education	Productive enterprises	Government	Productive enterprises	Productive sector
Developed countries <sup>b</sup>	<b>1 102</b>	<b>2 704,205</b>	<b>1.94</b>	<b>53.7</b>	<b>22.9</b>	<b>53.5</b>	<b>38.0</b>	<b>1.037</b>	<b>1.043</b>
Developing economies <sup>c</sup>	<b>514</b>	<b>1 034,333</b>	<b>0.39</b>	<b>13.7</b>	<b>22.2</b>	<b>10.5</b>	<b>55.0</b>	<b>0.041</b>	<b>0.054</b>
Sub-Saharan Africa (excl. South Africa)	83	3,193	0.28	-	38.7	0.6	60.9	0.002	0.000
North Africa	423	29,675	0.40	..	..	..	..	..	..
Latin America & Caribbean	339	107,508	0.45	18.2	23.4	9.0	78.0	0.041	0.082
Asia (excluding Japan)	<b>783</b>	<b>893,957</b>	<b>0.72</b>	<b>32.1</b>	<b>25.8</b>	<b>33.9</b>	<b>57.9</b>	<b>0.244</b>	<b>0.231</b>
Newly industrialized economies <sup>d</sup>	2 121	189,212	1.50	50.1	36.6	51.2	45.8	0.768	0.751
New newly industrialized economies <sup>e</sup>	121	18,492	0.20	27.7	15.0	38.7	46.5	0.077	0.055
South Asia <sup>f</sup>	125	145,919	0.85	13.3	10.5	7.7	91.8	0.065	0.113
West Asia	296	50,528	0.47	9.7	45.9	11.0	51.0	0.051	0.045
China	350	422,700	0.50	31.9	13.7	..	..	..	0.160
Central and Eastern Europe <sup>g</sup>	1 857	946,162	0.77	35.7	21.4	37.3	47.8	0.288	0.275
World (79-84 countries)	<b>1 304</b>	<b>4 684 700</b>	<b>0.92</b>	<b>36.6</b>	<b>24.7</b>	<b>34.5</b>	<b>53.2</b>	<b>0.318</b>	<b>0.337</b>

*Source:* UNCTAD, based on UNESCO, 1997.<sup>a</sup> Only including countries with data, and with over one million inhabitants in 1995.<sup>b</sup> United States, Canada, Western Europe, Japan, Australia and New Zealand.<sup>c</sup> Including Israel, South Africa, and former socialist economies in Asia.<sup>d</sup> Hong Kong, China; Republic of Korea; Singapore; Taiwan Province of China.<sup>e</sup> Indonesia, Malaysia, Thailand, Philippines.<sup>f</sup> India, Pakistan, Bangladesh, Nepal.<sup>g</sup> Including Russian Federation.

Annex table A.VIII.1. Top 25 developing economy exporters, ranked by export values, 1997

(Million dollars)

	High-technology manufacturers	Medium-technology manufacturers	Low-technology manufacturers	Resource-based manufactures	Total manufactures	Total merchandise exports			
1	Singapore	72 935	China	90 285	China	13 892	China	165 082	182 792
2	Taiwan Province of China	40 682	Taiwan Province of China	36 447	Singapore	13 412	Republic of Korea	125 853	136 151
3	Republic of Korea	39 246	Republic of Korea	32 230	Republic of Korea	12 548	Singapore	116 422	124 988
4	Malaysia	37 455	Taiwan Province of China	21 503	Malaysia	11 544	Taiwan Province of China	103 987	111 319
5	Mexico	34 061	Singapore	19 163	Indonesia	10 045	Mexico	93 602	110 047
6	China	31 534	Brazil	12 145	Thailand	7 433	Malaysia	69 055	78 729
7	Thailand	18 235	Malaysia	10 336	Brazil	7 152	Thailand	46 406	58 086
8	Hong Kong, China	7 720	Thailand	7 308	India	11 774	Brazil	31 976	53 444
9	Philippines	6 976	Argentina	4 554	Venezuela	9 277	Indonesia	27 029	52 986
10	Indonesia	3 082	Indonesia	3 563	Singapore	9 101	Argentina	26 693	34 721
11	Brazil	2 830	India	3 332	Brazil	8 928	Mexico	26 291	27 307
12	India	1 986	Hong Kong, China	3 145	Malaysia	8 492	Kuwait	22 744	26 264
13	Turkey	1 518	Slovenia	2 727	Pakistan	6 969	Taiwan Province of China	13 899	26 245
14	Slovenia	1 214	Turkey	2 718	Philippines	2 912	Turkey	12 563	25 228
15	Argentina	713	Colombia	1 199	Tunisia	2 897	Algeria	9 163	22 729
16	Croatia	510	Venezuela	1 092	Slovenia	2 627	Chile	7 811	16 678
17	Tunisia	497	Chile	1 075	Argentina	2 221	Philippines	7 492	14 126
18	Colombia	290	Morocco	1 014	Macau	1 918	Egypt	6326	13 894
19	Pakistan	175	Philippines	933	Colombia	1 579	Hong Kong, China	4 909	11 530
20	Costa Rica	142	Oman	858	Croatia	1 484	Tunisia	4 338	8 632
21	Oman	141	Tunisia	814	Venezuela	1 327	Colombia	4 185	8 369
22	Venezuela	126	Trinidad & Tobago	668	Egypt	1 176	Slovenia	3 944	7 631
23	Chile	101	Croatia	641	Morocco	1 052	Trinidad & Tobago	2 746	6 759
24	Guatemala	83	Kuwait	371	Mauritius	1 014	Morocco	2 590	5 559
25	Uruguay	67	Jordan	349	Chile	784	Peru	2 108	5 214
	All developing economies	302 319		188 295		295 912		937 214	
	Share of top five economies (%)	74.2		68.8		65.5		64.5	
	Share of top ten economies (%)	96.6		88.9		84.7		86.0	

Source: Calculated from United Nations Comtrade data, based on technological classification described in box VIII.1.

Notes: Several countries, exporters of medium- and low-technology manufactures, whose data were not available for 1997, were excluded.  
 Hong Kong, China's figures exclude re-exports.  
 Singapore's data includes re-exports.  
 Data for Taiwan Province of China refer to 1995.

Annex table A.VIII.2. Top 25 developing economy exporters, ranked by per capita exports 1997

(Dollars)

	High-technology manufacturers	Medium-technology manufacturers	Low-technology manufacturers	Resource-based manufactures	Total manufactures	Total merchandise exports						
1	Singapore	21 207	Singapore	5 572	Macau	4 252	Singapore	3 900	Singapore	33 852	Singapore	36 343
2	Taiwan Province of China	1 894	Slovenia	1 419	Singapore	2 646	Kuwait	3 325	Taiwan Province of China	4 841	Kuwait	8 158
3	Malaysia	1 782	Taiwan Province of China	1 001	Hong Kong, China	2 129	Trinidad and Tobago	657	Macau	4 673	Taiwan Province of China	5 182
4	Hong Kong, China	1 235	Republic of Korea	723	Taiwan Province of China	1 697	Malaysia	549	Hong Kong, China	4 207	Macau	4 755
5	Republic of Korea	858	Trinidad and Tobago	511	New Caledonia	1 492	Slovenia	503	Slovenia	4 064	Hong Kong, China	4 370
6	Slovenia	632	Hong Kong, China	503	Slovenia	1 367	Venezuela	287	Kuwait	3 654	Slovenia	4 355
7	Mexico	361	Malaysia	492	Mauritius	888	Republic of Korea	274	Malaysia	3 286	Suriname	3 931
8	Thailand	308	Oman	357	Republic of Korea	705	Taiwan Province of China	249	Republic of Korea	2 753	Malaysia	3 746
9	Saint Kitts and Nevis	268	Mexico	336	Malaysia	404	Croatia	249	New Caledonia	1 492	Oman	3 178
10	Macau	177	Kuwait	214	Croatia	330	Barbados	229	Trinidad and Tobago	1 485	Republic of Korea	2 978
11	Barbados	126	Croatia	143	Tunisia	311	Hong Kong, China	192	Mauritius	1 052	New Caledonia	2 839
12	Croatia	113	Argentina	128	Trinidad and Tobago	279	Belize	192	Mexico	993	Trinidad and Tobago	1 947
13	Philippines	99	Thailand	124	Turkey	226	Argentina	174	Croatia	877	Mauritius	1 402
14	Oman	59	Barbados	111	Mexico	219	Uruguay	165	Thailand	784	Mexico	1 167
15	Cyprus	57	Tunisia	87	Thailand	199	Cyprus	158	Oman	681	Chile	1 140
16	Tunisia	53	Brazil	74	Uruguay	188	Oman	157	Barbados	634	Venezuela	998
17	Costa Rica	40	Chile	74	Barbados	164	Chile	155	Tunisia	526	Thailand	982
18	China	26	Uruguay	70	Cyprus	158	Macau	135	Uruguay	459	Croatia	965
19	Kuwait	25	Macau	69	Costa Rica	105	Thailand	126	Cyprus	437	Costa Rica	944
20	Turkey	24	Aruba	56	Jamaica	95	Costa Rica	125	Venezuela	402	Saint Kitts and Nevis	878
21	Uruguay	21	Cyprus	53	Oman	90	St. Vincent & Grenadines	114	Argentina	390	Uruguay	847
22	Saint Lucia	21	Venezuela	48	Saint Lucia	89	Mauritius	86	Turkey	362	Barbados	802
23	Argentina	20	Costa Rica	47	Belize	85	Algeria	80	Saint Kitts and Nevis	341	Argentina	736
24	Brazil	17	Mauritius	46	Kuwait	80	Aruba	70	Costa Rica	339	Belize	708
25	Trinidad and Tobago	17	Turkey	43	China	74	Tunisia	70	Chile	297	Tunisia	596

Source: Calculated from United Nations Comtrade database and United Nations population data.

Notes: see previous table.

**Annex table A.VIII.3. Fifty fastest growing manufactures in world trade (ranked by 1995 value)**

(Thousands of dollars and growth rates)

Products	1980	1990	1995	1980-1990	1990-1995	1980-1995
	(dollars)			(Per cent)		
Transistors, valves, etc.	14 004 674.8	59 011 528.2	171 332 926.0	15.5	23.8	18.2
Automatic data processing equipment	12 519 552.6	67 365 905.1	126 772 756.3	18.3	13.5	16.7
Telecom equipment, parts and accessories	19 217 642.0	56 642 011.1	112 415 281.5	11.4	14.7	12.5
Office, auto data processg. mach. parts and access	9 062 439.2	47 946 595.9	91 072 281.1	18.1	13.7	16.6
Electrical machinery nes	14 358 445.4	36 646 242.5	76 543 953.4	9.8	15.9	11.8
Medicinal, pharmaceutical products	14 010 041.0	36 149 984.6	69 982 251.8	9.9	14.1	11.3
Switchgear and parts	12 998 098.4	35 277 313.1	63 652 991.4	10.5	12.5	11.2
Other machinery for special industries	15 631 790.9	37 569 262.2	59 653 723.6	9.2	9.7	9.3
Articles of plastic	8 229 219.7	28 697 381.3	48 581 432.9	13.3	11.1	12.6
Furniture, parts thereof	10 028 971.1	28 914 250.0	45 432 784.0	11.2	9.5	10.6
Base metal mfrs. nes	10 748 136.6	23 737 422.2	37 384 495.2	8.2	9.5	8.7
Heating, cooling equipment	11 245 094.6	22 966 210.1	36 721 071.1	7.4	9.8	8.2
Misc. chemical products	9 537 343.6	21 077 459.6	34 289 914.8	8.3	10.2	8.9
Pumps, centrifuges etc.	8 508 092.7	19 685 753.4	31 634 399.1	8.8	10.0	9.1
Toys, sporting goods, etc.	8 135 113.1	19 262 501.5	30 439 444.4	9.0	9.6	9.2
Products of condensation etc.	6 976 488.3	16 153 494.9	28 150 211.4	8.8	11.7	9.7
Electrical distributing equipment	5 138 985.8	13 244 294.2	26 319 527.6	9.9	14.7	11.5
Rotating electric plant	6 616 880.8	13 090 171.4	23 733 435.2	7.1	12.6	8.9
Paper, precut, articles	5 075 175.8	13 025 054.2	21 559 895.9	9.9	10.6	10.1
Under garments knitted	3 402 276.9	11 841 892.7	21 254 218.9	13.3	12.4	13.0
Electric power mach nes	3 397 887.9	10 532 824.3	21 191 083.7	12.0	15.0	13.0
Pigments, paints, etc.	4 540 557.8	11 730 840.5	18 845 784.6	10.0	9.9	10.0
Special textile fabric products	4 504 933.2	11 072 104.5	18 477 580.8	9.4	10.8	9.9
Organic-inorganic compounds	5 188 875.3	11 573 724.4	18 408 869.9	8.4	9.7	8.8
Perfumery, cosmetics, etc.	2 811 643.8	10 068 919.9	18 048 458.6	13.6	12.4	13.2
Radio broadcast receivers	5 891 175.9	11 311 544.6	17 773 471.8	6.7	9.5	7.6
Cycles motorised or not	6 033 784.9	9 753 365.6	17 167 026.9	4.9	12.0	7.2
Carboxylic acids etc.	4 406 885.9	9 835 284.0	16 934 817.5	8.4	11.5	9.4
Road motor vehicles nes	3 617 450.7	6 556 187.1	16 533 990.8	6.1	20.3	10.7
Other manufactured goods	4 395 706.7	10 433 868.6	16 481 189.7	9.0	9.6	9.2
Medical instruments nes	2 904 063.0	9 897 238.5	16 249 645.4	13.0	10.4	12.2
Glass	3 565 503.4	9 255 212.8	15 264 775.6	10.0	10.5	10.2
Edible products, preps nes	2 763 492.1	7 326 821.1	14 995 678.1	10.2	15.4	11.9
Plumbing, heating, lighting equipment	3 493 506.0	8 702 347.6	13 663 974.9	9.6	9.4	9.5
Wood manufactures nes	3 216 526.8	7 789 873.0	13 295 017.8	9.2	11.3	9.9
Alcohol, phenols etc.	3 872 198.9	7 748 424.9	12 194 057.4	7.2	9.5	7.9
Electro-medical, x-ray equipment	2 676 684.4	7 622 701.7	11 972 090.4	11.0	9.4	10.5
Photo apparatus, equip nes	4 334 850.1	7 251 639.3	11 391 120.0	5.3	9.5	6.7
Under garments not knit	2 218 981.4	6 861 475.8	11 344 282.1	12.0	10.6	11.5
Soap, cleansing etc. preps	3 065 944.0	6 939 155.8	10 840 813.1	8.5	9.3	8.8
Knitted fabrics	2 560 452.9	6 015 005.5	10 426 564.3	8.9	11.6	9.8
Steel, copper nails, nuts, etc.	2 944 676.1	6 575 905.5	10 408 511.1	8.4	9.6	8.8
Travel goods, handbags	2 608 658.7	6 298 910.9	10 161 569.1	9.2	10.0	9.5
Rubber articles nes	1 809 572.7	4 774 651.8	8 783 728.9	10.2	13.0	11.1
Optical instruments	1 144 402.9	3 809 393.9	7 686 558.5	12.8	15.1	13.5
Starch, insulin, gluten, etc.	1 683 432.6	4 620 307.1	7 281 886.1	10.6	9.5	10.3
Materials of rubber	1 703 188.5	3 971 692.9	6 302 300.2	8.8	9.7	9.1
Meat prepd, prsvd, nes etc.	1 961 346.8	3 937 916.4	5 827 232.5	7.2	8.2	7.5
Steam engines, turbines	1 435 522.9	1 577 354.2	2 628 606.2	0.9	10.8	4.1
Meters and counters nes	0 637 533.0	1 343 730.7	2 408 064.5	7.7	12.4	9.3
Total 50 products	300 833 902.6	833 493 151.1	1539 915 746.1	10.7	13.1	11.5
Total world manufactured exports	1053 639 630.8	2454 795 891.4	2529 753 907.9	8.8	8.5	8.7

Source: United Nations Comtrade database.

**Annex table A.VIII.4. Shares of intra-firm trade in the international trade of United States parent companies and their foreign affiliates, by industry, 1977, 1983, 1993, 1996**  
(Percentage)

Sector and industry	Majority-owned affiliates						Parent firms									
	Share of US parents exports in total US exports to majority-owned affiliates			Share of US parents imports in total US imports from majority-owned affiliate			Share of intra-firm exports in total parent exports			Share of intra-firm imports in total parent imports						
	1977	1983	1993	1996	1977	1983	1993	1996	1977	1983	1993	1996				
Petroleum	81.4	70.0	80.0	75.3	81.5	82.8	66.5	62.3	36.9	13.8	32.6	23.4	44.3	21.8	29.5	18.5
Manufacturing	83.9	86.6	86.9	87.2	83.8	88.4	89.1	90.2	40.5	43.0	48.3	47.8	55.6	60.6	62.0	62.3
Food	57.0	74.3	87.0	92.1	91.1	76.1	71.9	66.6	19.7	20.5	27.8	25.2	25.4	13.2	41.4	28.8
Chemicals	88.6	84.6	87.5	88.9	79.7	76.2	84.3	84.5	44.5	41.4	48.1	47.4	34.6	34.3	37.0	39.6
Primary and fabricated metals	79.2	77.6	70.7	70.1	73.0	77.4	53.8	51.1	25.1	23.8	28.2	24.9	36.6	44.0	32.5	38.9
Machinery	93.2	96.1	93.8	93.5	87.9	93.8	94.0	90.5	42.3	61.5	73.7	61.6	57.9	75.0	75.1	74.5
Electronics	85.9	90.1	96.0	93.0	93.3	90.2	89.0	91.5	34.1	32.6	46.5	48.8	61.2	54.1	42.6	43.7
Transport equipment	80.4	82.4	78.1	77.7	91.6	95.2	94.4	96.5	46.7	49.3	46.1	48.9	73.2	84.5	77.1	79.9
Other	83.8	88.6	89.6	91.4	53.9	63.7	73.3	76.9	39.6	37.0	40.9	38.4	42.4	40.1	52.4	43.9
Services	64.3	57.0	71.3	66.9	74.1	74.5	76.3	83.7	13.5	11.0	14.0	20.4	19.4	7.3	10.0	13.2
Business services	..	89.2	..	97.6	..	..	..	..	..	18.6	30.5	48.1	..	..	70.4	51.5
Computer and data processing services	..	..	..	97.6	..	..	..	94.0	..	..	..	50.4	..	..	..	..
Trade	67.7	56.9	..	74.1	74.1	69.5	84.9	83.2	11.6	9.3	13.9	18.7	19.4	6.2	9.8	12.7
Wholesales trade	..	55.8	74.1	74.1	..	69.5	87.6	84.0	11.0	9.3	13.0	18.0	15.4	6.2	8.3	14.1
Retail trade	..	67.9	..	..	..	..	79.1	78.5	64.3	..	55.4	51.8	34.5	..	15.1	7.4
Finance	..	49.6	25.0	5.6	..	23.9	35.5	..	25.5	11.2	7.7	1.6	..	..	..	..
Other	51.4	59.6	..	..	74.2	93.2	23.1	85.1	32.0	24.1	8.5	12.4	..	48.5	18.5	24.2
Other industries	66.7	70.0	84.4	44.3	..	0.0	87.6	83.2	2.9	8.6	32.7	9.2	35.4	38.6	51.7	72.4
All industries	81.7	82.8	86.1	85.6	81.3	86.0	86.3	87.3	33.9	33.8	44.3	43.2	44.5	37.9	47.1	46.2

Source: UNCTAD, based on United States Department of Commerce, United States Direct Investment Abroad, 1966, 1977 and Bureau of Economic Analysis, <http://www.bea.doc.gov>

Notes on trade by majority-owned affiliates:

Petroleum wholesale trade is included in Petroleum instead of Services

Exports:

Other services include: (services other than business services)

Construction, transportation, communication, electric, gas, and sanitary services in 1996

Only construction in 1993

Transportation and communication in 1983

Other industries include:

Agriculture, forestry, fishing and mining in 1977

Only mining in 1983; agriculture, forestry and fishing only in 1993

Imports:

Other services include: (services other than business services and motion picture when available)

Construction and communication in 1996

Construction and communication in 1993

Agriculture, forestry, fishing, retail trade, construction, transportation, communication and public utilities in 1983

Agriculture, forestry, fishing, construction, transportation, communication and public utilities and other services in 1977

Other industries include:

Agriculture, forestry, fishing, mining, transportation, electric, gas, and sanitary services in 1996

Agriculture, forestry, fishing, mining, communication and public utilities in 1993

Only mining in 1983

Trade includes only wholesales in 1983

Notes on trade by parent firms:

Petroleum wholesale trade is included in Petroleum instead of Services

Exports:

Other services include: (services other than business services and motion picture when available)

Construction, transportation, communication, electric, gas, and sanitary services in 1996

Only construction in 1993

Agriculture, forestry, fishing, construction, transportation, retail trade, communication and public utilities in 1983

Construction, transportation and communication in 1977

Other industries include:

Agriculture, forestry, fishing and mining in 1996

Agriculture, forestry, fishing, mining, communication and public utilities in 1993

Only mining in 1983; agriculture, forestry and fishing only in 1977

Trade includes only wholesales for 1983

Imports:

Other services include: (services other than business services and motion picture when available)

Finance and services in 1996

Services in 1993

Finance and services in 1983

Zero in 1977

Other industries include:

Agriculture, forestry, fishing, mining, construction, transportation, communication, electric, gas, and sanitary services in 1996

Finance, agriculture, forestry, fishing, mining, construction, transportation, communication and public utilities in 1993

Agriculture, forestry, fishing, mining, construction, transportation, retail trade, communication and public utilities in 1983

Finance, agriculture, forestry, fishing, mining, construction, transportation, communication and public utilities in 1983

Trade includes only wholesales in 1983

Annex table A.VIII.5. Value and relative importance of sales of United States foreign affiliates to other foreign affiliates of United States TNCs, by region and economy, 1977, 1983, 1993 and 1996

(Percentage and billions of dollars)

	Value (billions of dollars)				Share in total intra-firm exports of foreign affiliates (percentage)			
	1977	1983	1993	1996	1977	1983	1993	1996
<b>All countries</b>	49.8	73.0	170.6	253.3	37.2	53.2	60.9	61.4
<b>Developed countries</b>	35.0	58.7	142.1	205.1	66.5	65.0	67.6	68.3
<b>Western Europe</b>								
<b>Europe <sup>a</sup></b>	33.3	55.8	134.3	196.7	84.9	84.9	86.2	84.7
Austria	0.1	0.4	1.1	..	83.7	97.0	87.4	..
Belgium	3.5	6.0	10.7	13.7	90.7	92.1	91.7	88.5
Denmark	0.3	0.2	0.7	1.0	..	71.3	86.6	86.2
Finland	..	0.0	..	0.2	..	..	..	65.2
France	4.2	5.9	14.6	18.9	92.8	86.8	85.0	84.7
Germany	7.0	12.7	29.7	38.5	87.1	90.0	89.6	90.2
Greece	..	0.1	0.1	..	..	93.6	95.2	..
Ireland	0.5	1.8	8.5	11.7	..	89.6	89.4	83.7
Italy	1.0	1.8	5.4	6.5	76.9	89.2	86.6	83.5
Luxembourg	0.2	0.3	0.7	..	76.4	94.7	85.2	..
Netherlands	4.1	7.3	16.5	31.1	75.5	92.3	83.8	87.9
Norway	..	1.2	0.8	..	..	53.7	62.7	..
Portugal	0.0	0.1	0.7	1.2	93.0	95.8	97.6	90.9
Spain	0.6	1.7	5.8	9.8	92.6	94.9	93.8	93.5
Sweden	0.5	0.5	0.8	1.5	93.6	93.0	82.9	91.5
Switzerland	2.3	4.6	10.2	18.3	86.7	85.5	86.4	92.4
United Kingdom	8.1	11.1	27.3	37.3	82.4	73.6	81.3	74.4
<b>North America</b>								
Canada	0.9	1.1	1.7	2.3	7.8	5.3	3.9	4.0
<b>Other developed countries</b>								
Australia	0.3	0.8	1.7	2.0	..	85.6	94.4	90.6
Israel <sup>b</sup>	..	..	0.2	0.1	..	..	27.5	13.1
Japan	0.5	..	4.3	3.7	..	59.4	70.2	65.3
New Zealand	..	0.0	0.1	0.5	56.2	..	53.6	57.7
South Africa	..	0.1	0.1	0.2	..	..	56.3	90.9
<b>Developing economies</b>	..	14.3	28.5	48.2	..	30.5	40.9	42.9
<b>Latin America and the Caribbean</b>	4.9	9.4	9.8	12.2	34.4	42.7	37.1	27.3
<b>South America</b>	1.0	2.1	2.6	4.6	51.1	65.1	51.0	56.9
Argentina	0.3	0.8	0.9	1.7	93.0	89.6	90.0	95.0
Brazil	0.5	0.9	0.9	1.8	65.1	55.1	33.5	47.2
Chile	..	0.0	0.2	0.1	..	75.0	79.8	38.5
Colombia	..	0.0	0.4	0.7	..	41.3	71.5	70.6
Ecuador	..	..	0.0	0.0	..	..	19.1	9.2
Peru	..	..	0.0	..	..	..	..	..
Venezuela	..	0.0	0.1	0.1	..	37.5	86.3	25.4
<b>Central America</b>	0.4	0.8	1.7	3.0	41.7	34.7	16.3	13.9
Costa Rica	..	..	0.3	0.3	..	..	86.5	30.0
Guatemala	..	..	0.1	0.1	..	..	69.1	51.0
Honduras	..	..	0.1	..	..	..	57.7	..
Mexico	0.1	0.2	0.8	2.0	33.3	17.9	8.3	10.2
Panama	..	0.4	0.4	0.4	..	74.9	89.2	85.0
Other	..	0.2	0.0	..	..	28.2	..	..
<b>Caribbean</b>	3.4	6.5	5.6	4.5	30.7	39.4	50.0	30.6
Bahamas	..	0.6	0.0	0.0	..	31.5	26.8	59.0
Barbados	0.0	0.1	8.3	19.8	..	..	..	..
Bermuda	2.4	2.6	3.4	3.5	33.6	45.9	54.1	39.8
Dominican Republic	..	..	..	0.1	..	18.7	..	..
Jamaica	..	..	0.2	..	..	48.5	..	..

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**Annex table A.VIII.5. Value and relative importance of sales of United States foreign affiliates to other foreign affiliates of United States TNCs, by region and economy, 1977, 1983, 1993 and 1996 (concluded)**

(Percentage and billions of dollars)

	Value (billions of dollars)				Share in total intra-firm exports of foreign affiliates (percentage)			
	1977	1983	1993	1996	1977	1983	1993	1996
Netherlands Antilles	..	2.8	..	0.0	..	41.7	..	..
Trinidad and Tobago	..	..	..	..	..	..	..	..
United Kingdom Islands, Caribbean	..	0.1	0.3	0.6	28.6	45.9	75.7	..
<b>Africa <sup>c</sup></b>	..	0.9	0.6	1.9	52.0	15.2	39.2	..
Egypt	..	..	0.1	0.8	..	..	..	..
Liberia	0.0	..	..	..	6.6	..	..	..
Nigeria	0.0	..	0.2	0.2	..	..	7.8	8.6
Other	0.1	1.3	0.2	0.7	..	19.7	..	55.2
<b>West Asia <sup>d</sup></b>	..	..	1.6	1.5	..	..	74.1	58.1
Saudi Arabia	..	..	0.0	..	..	..	19.0	..
United Arab Emirates	..	..	0.3	0.2	..	..	..	97.8
Other	..	..	1.1	..	..	..	..	..
<b>Asia and Pacific <sup>e</sup></b>	..	..	22.6	38.8	..	..	48.8	55.8
China	..	..	0.2	1.0	..	..	..	52.8
Hong Kong, China	1.0	..	2.2	4.6	41.3	..	35.4	53.9
India	0.0	..	0.0	0.0	..	..	20.8	48.1
Indonesia	..	..	0.4	2.8	..	..	21.7	83.2
Korea, Republic of	..	..	0.3	0.4	..	..	32.0	42.2
Malaysia	0.2	..	1.8	2.2	39.9	..	45.4	37.9
Philippines	..	..	0.6	1.1	..	..	59.2	55.3
Singapore	0.3	..	8.8	15.8	29.6	..	50.3	52.5
Taiwan, Province of China	..	..	1.1	1.5	..	..	53.1	49.0
Thailand	..	..	1.2	3.1	..	..	56.8	82.1
Turkey <sup>f</sup>	..	0.0	0.3	0.4	..	..	93.3	93.0
Other	..	..	0.0	0.2	..	..	..	89.7

Source: UNCTAD, based on United States Direct Investment Abroad, Department of Commerce, various years.

<sup>a</sup> Includes Turkey.

<sup>b</sup> Israel is included in developing countries in 1966, 1977 and 1983.

<sup>c</sup> Aggregate figure includes South Africa.

<sup>d</sup> Aggregate figure includes Israel.

<sup>e</sup> Aggregate figure includes Australia, Japan and New Zealand.

<sup>f</sup> Turkey is included in developed countries in 1966, 1977 and 1983.

Notes: Total intra-firm exports include sales by affiliates to parents and to other foreign affiliates.

**Annex table A.VIII.6. Export propensities of United States majority-owned foreign affiliates in manufacturing, 1966-1996**  
(Percentage)

	1966	1977	1983	1993	1996
<b>All countries</b>	18.6	30.8	35.1	40.7	42.0
<b>Developed countries</b>	20.4	33.2	36.6	40.9	42.1
<b>Western Europe</b>					
<b>Europe <sup>a</sup></b>	25.8	37.7	40.5	42.7	44.6
Austria	..	..	41.9	38.3	..
Belgium <sup>b</sup>	51.0	71.5	70.9	64.9	67.5
Denmark	..	..	53.0	..	39.8
Finland	..	..	..	..	54.8
France	17.7	32.5	35.1	34.6	38.7
Germany	25.3	35.1	43.1	40.4	39.5
Greece	..	..	32.1	11.3	..
Ireland	..	80.0	83.6	88.2	80.2
Italy	19.4	26.9	26.9	30.0	33.5
Luxembourg	..	..	90.6	...	..
Netherlands	47.1	61.4	65.4	62.5	61.6
Norway	..	37.5	8.6	31.3	24.4
Portugal	..	..	41.3	32.2	44.0
Spain	2.3	19.3	31.1	33.7	41.5
Sweden	...	32.5	34.6	32.5	44.2
Switzerland	33.9	50.7	54.8	39.4	59.3
United Kingdom	25.3	31.3	28.0	40.3	41.3
<b>North America</b>					
Canada	16.1	29.9	36.1	45.8	46.7
<b>Other developed countries</b>					
Australia	4.8	..	..	21.8	23.5
Israel <sup>c</sup>	..	27.8	..	..	46.4
Japan	9.6	10.4	14.7	16.1	9.9
New Zealand	..	8.0	..	..	..
South Africa <sup>d</sup>	..	..	2.9	5.0	..
<b>Developing economies</b>	8.4	17.9	26.9	39.6	41.6
<b>Latin America and the Caribbean</b>	6.2	9.7	15.3	23.5	31.9
<b>South America</b>	..	7.9	12.2	15.2	15.7
Argentina	..	..	12.1	20.2	26.8
Brazil	..	8.9	15.9	16.3	12.7
Chile	..	..	..	..	25.4
Colombia	5.9	3.9	3.5	7.2	11.2
Ecuador	..	..	12.2	10.0	..
Peru	12.2	1.0	3.2	..	..
Venezuela	..	..	1.0	5.7	..
Other	..	..	..	6.9	..
<b>Central America</b>	..	13.5	21.2	31.8	51.6
Costa Rica	..	..	..	36.0	49.9
Guatemala	..	..	..	26.8	29.8
Honduras	..	..	..	4.5	12.2
Mexico	3.2	10.5	19.8	32.1	52.6
Panama	..	32.4	47.3	40.6	6.3
Other	..	33.4	27.1	..	51.1
<b>Caribbean</b>	..	42.1	55.7	76.6	84.2
Bahamas	..	61.5	..	..	...
Barbados	..	..	..	..	29.4
Bermuda	..	..	..	28.6	..
Dominican Republic	..	..	..	..	76.4
Jamaica	..	..	..	..	61.2

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**Annex table A.VIII.6. Export propensities of United States majority-owned foreign affiliates in manufacturing, 1966-1996 (concluded)**

(Percentage)

	1966	1977	1983	1993	1996
Netherlands Antilles	..	10.0	..	..	0.0
Trinidad and Tobago	..	..	..	17.0	..
United Kingdom Islands, Caribbean	..	..	100.0	100.0	..
Other	..	..	24.9	..	..
<b>Africa <sup>e</sup></b>	..	..	..	..	20.9
Nigeria	..	0.7	0.6	..	..
<b>West Asia <sup>f</sup></b>	..	20.3	..	..	44.0
Saudi Arabia	..	..	..	3.8	1.3
United Arab Emirates	..	..	..	..	..
Other	..	13.3	..	..	43.4
<b>Asia and Pacific <sup>g</sup></b>	..	..	60.1	40.2	37.1
China	..	..	..	..	33.9
Hong Kong, China	..	..	74.6	54.6	39.4
India	..	3.4	..	..	8.3
Indonesia	..	40.8	..	..	..
Korea, Republic of	..	67.9	28.1	18.6	..
Malaysia	..	76.2	75.5	85.1	68.8
Philippines	19.9	25.8	27.8	37.5	45.1
Singapore	..	93.2	92.0	86.1	78.8
Taiwan, Province of China	..	71.4	58.2	40.4	43.3
Thailand	..	..	..	61.2	..
Turkey <sup>h</sup>	..	0.9	1.0	..	..
Other	..	0.9	11.7	..	..

*Source:* UNCTAD, based on United States Direct Investment Abroad, Department of Commerce, various years.

<sup>a</sup> Includes Turkey.

<sup>b</sup> Includes Luxembourg in 1966.

<sup>c</sup> Israel is included in developing countries in 1966, 1983 and 1993.

<sup>d</sup> South Africa is included in developing countries in 1996.

<sup>e</sup> Aggregate figure includes South Africa.

<sup>f</sup> Aggregate figure includes Israel.

<sup>g</sup> Aggregate figure includes Australia, Japan and New Zealand.

<sup>h</sup> Turkey is included in developed countries in 1966, 1993 and 1996.

*Notes:* exports (sales to the United States plus sales to other countries) as per cent of total sales.

**Annex table A.VIII.7. United States majority owned foreign affiliates' shares in host-economy exports of manufactures, 1966-1996**

(Percentage)

	1966	1977	1983	1993	1996
<b>All countries</b>	7.7	9.2	9.1	9.2	9.6
<b>Developed countries</b>	8.6	10.1	10.1	10.1	13.8
<b>Western Europe</b>					
<b>Europe</b>					
Austria	..	3.0	4.6	3.2	..
Belgium <sup>a</sup>	11.3	18.5	17.0	12.8	13.8
Denmark	..	..	4.2	..	..
Finland	..	..	..	..	3.0
France	7.2	10.8	9.9	10.3	11.5
Germany	7.0	10.1	12.0	11.7	11.2
Greece	..	..	5.2	2.0	..
Ireland	..	41.7	54.0	52.3	43.0
Italy	4.7	4.9	4.5	5.1	5.5
Netherlands	11.0	19.8	23.5	21.3	20.4
Norway	..	3.3	3.0	2.3	3.5
Portugal	..	..	6.9	5.1	6.4
Spain	2.0	11.0	14.6	14.5	15.2
Sweden	..	3.3	3.4	2.6	4.0
Switzerland	7.1	4.1	4.1	2.4	..
United Kingdom	18.3	18.4	18.5	25.4	24.1
<b>North America</b>					
Canada	61.8	67.0	54.9	52.1	45.3
<b>Other developed countries</b>					
Australia	..	..	..	33.2	39.9
Israel <sup>b</sup>	..	2.4	..	..	..
Japan	..	0.4	0.7	1.5	1.1
New Zealand <sup>c</sup>	..	7.7	..	..	..
South Africa <sup>d</sup>	..	..	3.0	0.8	..
<b>Developing countries</b>	9.5	10.1	8.3	7.9	8.0
<b>Latin America and the Caribbean</b>					
<b>South America</b>					
Argentina	..	..	29.3	24.8	39.2
Brazil	..	32.7	24.0	16.4	18.5
Chile	..	..	..	..	28.1
Colombia	42.8	8.5	11.0	6.1	11.1
Ecuador	..	..	..	10.7	..
Peru	..	2.7	3.4	..	..
Venezuela	..	..	12.8	10.3	..
<b>Central America</b>					
Costa Rica	..	..	..	41.2	49.5
Guatemala	..	..	..	16.8	15.9
Honduras	..	..	..	21.1	21.3
Mexico	24.5	41.5	21.7	22.6	28.4
Panama	..	..	..	..	15.0
<b>Caribbean</b>					
Bahamas	..	8.3	..	..	..
Barbados	..	..	..	2.4	9.2
Bermuda	..	..	..	6.4	..
Dominican Republic	..	..	..	..	..
Trinidad and Tobago	..	..	..	1.4	..

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**Annex table A.VIII.7. United States majority owned foreign affiliates' shares in host-economy exports of manufactures, 1966-1996**

(Percentage)

	1966	1977	1983	1993	1996
<b>Africa <sup>e</sup></b>					
Egypt	..	..	..	..	..
Nigeria	..	5.7	37.0	..	..
<b>West Asia <sup>f</sup></b>					
Saudi Arabia	..	..	..	0.1	..
<b>Asia and Pacific <sup>g</sup></b>					
China	..	..	..	..	1.6
Hong Kong, China	..	..	5.8	10.0	..
India	..	0.5	..	..	..
Indonesia	..	3.2	..	..	..
Korea, Republic of	..	..	..	0.9	..
Malaysia	..	37.1	37.2	13.8	11.1
Philippines	..	52.6	36.1	22.6	11.4
Singapore	..	23.5	20.4	25.1	21.4
Thailand	..	..	..	7.2	..
Turkey <sup>h</sup>	..	0.5	0.0	..	..

*Source:* UNCTAD, based on United States Direct Investment Abroad, Department of Commerce, various years; and COMTRADE database.

<sup>a</sup> Includes Luxembourg in 1966.

<sup>b</sup> Israel is included in developed countries only in 1977.

<sup>c</sup> New Zealand is included in developing countries in 1993.

<sup>d</sup> South Africa is included in developing countries in 1995.

<sup>e</sup> Aggregate figure includes South Africa.

<sup>f</sup> Aggregate figure includes Israel.

<sup>g</sup> Aggregate figure includes Australia, Japan and New Zealand.

<sup>h</sup> Turkey is included in developed countries in 1966, 1993 and 1995.

*Notes:* Affiliates' exports equal the sales to the United States plus the sales to other countries.

**Annex table A.IX.1. Employment in United States parent firms and their foreign affiliates, 1996, and employee growth rate, 1990-1996<sup>a</sup>**  
(Thousands of employees and percentage)

Industrial sector	Employment in parent firms			Employment in foreign affiliates																							
	employees	growth rate	Annual	Total in all affiliates				Total in developing country affiliates				Latin America				Africa <sup>b</sup>				West Asia				Developing Asia <sup>c</sup>			
				employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual
All industries	18 775	0.3	7 617	1.8	2 668	3.9	1 529	2.3	68	-2.7	31	4.4	1 040	7.4													
Petroleum	484	-3.5	236	0.0	112	..	39	4.4	16	..	12	..	44	..													
Manufacturing	8 949	-1.5	4 478	0.6	1 858	2.5	1 043	-0.1	34	1.6	9	8.1	772	7.0													
Food and kindred products	958	-3.0	557	3.5	292	..	188	7.4	6	-2.2	2	58.7	97	..													
Chemicals and allied products	1 038	-3.4	611	0.8	223	..	136	-2.5	7	5.9	3	..	78	..													
Primary and fabricated metals	575	-0.6	245	0.9	68	..	39	-8.7	4	0.2	1	12.2	24	..													
Machinery, except electrical	1 152	-0.5	527	-1.3	172	..	48	-6.8	1	..	1	..	122	7.7													
Electric & electronic equipment	1 193	1.3	839	2.7	530	..	222	4.5	1	..	0	-10.9	306	..													
Transportation equipment	1 684	-2.8	708	-3.4	219	..	186	-4.1	2	..	1	..	31	..													
Other manufacturing	2 350	-1.0	992	1.4	374	..	224	0.5	16	..	2	..	132	..													
Wholesale trade	685	7.0	563	0.5	132	..	53	4.4	4	4.0	1	0.0	74	..													
Finance (except depository institutions), insurance, and real estate	1 070	-0.3	196	2.8	54	..	25	9.8	1	..	0	0.0	28	8.4													
Services	2 381	6.4	829	9.2	144	6.9	105	9.1	5	-6.8	6	3.3	29	4.5													
Other industries	5 205	1.2	1 314	3.6	382	..	265	11.4	8	..	3	..	105	..													

Source: UNCTAD, United States Department of Commerce, *U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and their Foreign Affiliates*, various issues.

<sup>a</sup> Figures are for nonbank parent companies and nonbank foreign affiliates of nonbank United States parents.

<sup>b</sup> Figures exclude data for South Africa.

<sup>c</sup> Includes also, developing Pacific island countries.

Note: As country data for some industries were not available, the table includes estimates, using the median of the range indicated for the category concerned. Totals do not add due to such estimates and due to rounding.

Annex table A.IX.2. Employment in Japanese parent firms and their affiliates, 1995, and employee growth rate, 1990-1995

(Thousands of employees and percentage)

Sector/industry	Employment in parent firms			Employment in foreign affiliates																							
				Total in all affiliates				Total in developing country affiliates				Latin America				Africa <sup>a</sup>				West Asia				Developing Asia <sup>b</sup>			
	employees	growth rate <sup>c</sup>	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual	employees	growth rate	Annual
All industries	3 421	2.7	2 219	7.4	1 382	11.1	112.1	-0.5	15.3	0.4	11.5	9.3	1 236	12.8													
Primary sector	9	-6.4	40	4.0	..	..	3.8	0.6	..	..	..	..	18	8.1													
Agriculture, hunting, forestry and fishing	2	-20.2	25	7.0	..	..	0.9	-17.2	..	..	..	..	16	9.5													
Mining, quarrying and petroleum	7	1.8	14	-0.2	..	..	2.9	15.8	..	..	..	..	3	0.9													
Secondary sector	2 609	3.0	1 775	7.4	1 202	11.1	95.8	-1.2	11.8	5.4	2.7	-2.3	1 089	12.9													
Manufacture of food, beverages and tobacco	131	5.3	72	17.1	..	..	7.7	17.7	..	..	..	..	46	24.7													
Manufacture of textiles, clothing and leather	101	11.3	139	8.9	124	7.6	7.6	-13.6	0.1	-33.7	..	..	117	11.0													
Wood and wood products	34	-0.6	19	-0.0	..	..	2.4	-3.8	..	..	..	..	10	27.6													
Coke, petroleum products and nuclear fuel	24	4.9	1	-24.9	..	..	0.1	-41.1	..	..	..	..	1	21.7													
Chemicals and chemical products	291	7.3	121	11.0	..	..	4.7	-4.1	..	..	..	..	61	17.1													
Non-metallic mineral products	74	3.6	27	-5.0	..	..	4.4	15.0	..	..	..	..	18	-2.5													
Manufacture of Basic metals	141	-1.8	67	15.6	..	..	14.5	49.9	0.3	-38.2	..	..	30	23.0													
Machinery and equipment	199	4.7	90	0.5	..	..	3.9	-10.4	..	..	..	..	38	16.4													
Electrical machinery and apparatus	689	2.0	603	7.5	460	10.7	14.6	-11.2	0.6	-8.1	0.2	-22.6	444	12.3													
Precision instruments	56	-4.6	42	6.5	..	..	..	..	..	..	..	..	8.4	..													
Manufacture of motor vehicles and other transport equipment	597	2.8	372	10.1	..	..	32.8	1.5	7.7	33.7	..	..	182	14.8													
Other manufacturing	274	2.5	212	2.4	..	..	2.4	-8.3	..	..	..	..	107	10.1													
Tertiary sector	803	2.1	404	8.0	158	14.3	13.0	5.4	3.6	51.1	8.8	50.8	129	13.2													
Construction	226	4.1	19	5.8	..	..	0.4	-18.2	..	..	..	..	15	9.2													
Trade	299	2.8	278	9.2	74	11.6	8.2	8.3	0.4	5.2	4.9	44.2	60	11.0													
Other service activities	278	-	108	5.5	..	..	3.9	5.8	..	..	4.0	72.7	54	17.5													

Source: UNCTAD, FDI/TNC database.

<sup>a</sup> Figures exclude data for South Africa.<sup>b</sup> Figures are for South, East and South-East Asia and developing Pacific island countries.<sup>c</sup> For 1989-1995.

Annex table A.IX.3. Selected export processing zones in selected developing economies and economies in transition: some features, latest year

Economy	Zone features		Economic performance			Industrial organization	
	Number and type of zones	Main types of incentive	Total estimated employment	Main investor countries	Main sectors	Labour laws	Workers' organization
Antigua and Barbuda	1 FTZ	tax and duty free			offshore banking, data processing	labour laws apply	
Argentina	2 FTZs	tax and duty free					
Bahamas	1 FTZ	tax and duty free					
Bangladesh	2 public EPZs; 3 public and 1 private EPZ under construction	10-year tax holiday, duty-free imports and exports	2.2 million <sup>a</sup>	Republic of Korea, Bangladesh, Japan, Hong Kong (China)	garments, leather, shoes, electronics	EPZs -exempt from Industrial Relations Ordinance	EPZ-trade unions and strikes prohibited
Belize	1 EPZ	20-year tax holiday, duty-free imports and exports					
Brazil	1 EPZ	tax and duty free				Constitution guarantees workers rights	
Cape Verde	2 EPZs	10-year tax holiday, duty-free imports, training grant					
Chile	2 EPZs	tax and duty free					
China	6 SEZs, 34 ETDZ	duty-free imports and exports, tax rebates	18 million in foreign-invested firms	Hong Kong (China), Taiwan Province of China, Japan, United States		all labour laws apply	single trade union (ACFTU)
Colombia	10 EPZs 10, 2 Free Ports, 3 Tourist zones	tax exempt, duty-free imports and exports				all labour laws apply	
Costa Rica	9 EPZs	8-year tax holiday, duty-free imports and exports	26 000	Costa Rica, United State	textiles, garments	labour laws apply	little trade union presence
Cuba	1 Free Zone; 3 additional planned	tax incentives					
Curacao	2 FTZs, 1 industrial zone	2 per cent profit tax, duty-free import and exports		European Community, United States	trading, distribution.		
Dominican Republic	43 EPZs	15 to 20-year tax holiday	200 000	United States	garments, electronics	labour laws apply	trade unions present
Egypt	11 EPZs	tax and duty exempt	67 000				
El Salvador	6 EPZs	10-year tax holiday, duty-free imports and exports	60 000			labour laws apply	
Fiji	1 Tax Free Zone	tax exempt	15 000	Fiji, Australia, Singapore	garments, food		
Ghana	6 EPZs	10-year tax holiday, duty-free imports and exports				labour laws apply	
Guatemala	2 EPZs	10 to 12-year tax holiday, duty-free imports and exports	67 000				
Haiti	4 EPZs planned			Haiti	garments	labour laws apply	little trade union presence
Honduras	15 EPZs/FTZs	permanent exemption from all taxes	95 000	United States	garments	labour laws apply	trade unions present, also association
Hong Kong, China	entire territory: Free Port	none		United Kingdom, China, United States	electronics	labour laws apply	trade unions active

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**Annex table A.IX.3. Selected export processing zones in selected developing economies and economies in transition: some features, latest year (continued)**

Economy	Zone features		Economic performance			Industrial organization	
	Number and type of zones	Main types of incentive	Total estimated employment	Main investor countries	Main sectors	Labour laws	Workers' organization
India	7 EPZs	5-year tax holiday, duty-free imports				labour laws apply, EPZs are "public utilities" in terms of Industrial Disputes Act	
Indonesia	26 EPZs	12-year tax holiday, duty-free imports and exports		Japan, United Kingdom, Singapore		labour laws apply	trade unions active
Islamic Republic of Iran	14 SEZs, Free-Trade-Industrial Zones	15-year tax holiday, duty-free imports and exports				labour laws apply	
Ivory Coast	1 EPZ						
Jamaica	3 Free Zones	tax and duty exempt	6 000			labour laws apply	trade unions not present
Kenya	15 EPZs	10-year tax holiday, duty-free imports	3 000			exempt from Factories Act and Industrial Registration Act	
Madagascar	1 EPZ	5-year tax holiday, duty-free imports and exports	25 000		garments, leather	labour law apply	
Malaysia	15 Free Industrial Zones			Japan, Singapore, United States		labour laws apply with some except. for pioneer industries	restrictions in electronics and pioneer industries
Mauritius	stand alone plants enjoy privileges	10 to 20-year tax holiday, no customs duty	82 000	Mauritius, Hong Kong (China)	garments, flowers	labour laws apply with some exceptions	no trade union presence
Mexico	107 EPZs		1 million				
Namibia	3 EPZs	unlimited tax holiday				labour laws apply, moratorium on strikes and lockouts	
Nepal	1 EPZ	export industries are tax and duty free			garments		
Nicaragua	1 public FZ, 5 private FZ planned	15-year tax holiday, duty-free imports and exports	13 000	Taiwan, Province of China, Republic of Korea			
Pakistan	4 EPZs; 9 new zones planned	5-year tax holiday, for foreign employment, duty-free imports and exports				not all provisions of labour laws apply	
Panama	2 EPZs, 1 FZ	tax rebates based on exports and employment					
Philippines	110 EPZs approved, of which 56 active	4 to 8-year tax holiday, duty-free imports and exports	609 000 <sup>b</sup>	Japan, Philippines, United States	electrical machinery	labour laws apply	trade unions present
Puerto Rico	4 FTZs	duty-free imports					
Saint Lucia	EPZ	tax and duty free					
Senegal	1 EPZ	tax and duty free				not all labour laws apply	

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**Annex table A.IX.3. Selected export processing zones in selected developing economies and economies in transition: some features, latest year (concluded)**

Economy	Zone features		Economic performance			Industrial organization	
	Number and type of zones	Main types of incentive	Total estimated employment	Main investor countries	Main sectors	Labour laws	Workers' organization
Federal Republic of Yugoslavia	1 FZ	5-year tax holiday, duty-free imports and exports					
Singapore				Singapore, Japan, United States	electronics, chemical	labour laws apply	trade unions present
Sri Lanka	6 EPZs	10 to 20-year holiday for new, large export projects or thrust industries	estimates range between 90 000	Republic of Korea, Hong Kong (China)	apparel, services, rubber	labour laws apply	no trade unions present, zones have employee councils
Thailand	3 Investment Zones, 5 EPZs and several specialized EPZs	3-year tax holiday, duty-free imports and exports		Japan, European Community, United States	electrical appliances	labour laws apply	trade unions present
Togo	1 EPZ	10-year tax holiday, duty-free imports and exports	10 000			labour laws apply	trade unions not present
Trinidad and Tobago	17 EPZs	tax and duty exempt	3 000			labour laws apply	trade unions not present
Tunisia		10-years of tax free exports, no customs duties	30 000			labour laws apply	
Turkey	14 EPZs	tax and duty free					strikes and lock-outs prohibited
Uruguay	1 FZ	tax and duty free			warehousing, logistics		
Viet Nam	EPZs	4-year tax holiday, duty-free imports and exports					
Zimbabwe	7 EPZs	5-year tax holiday, duty-free imports and exports	6 000		food, timber, clothing	labour laws apply	trade unions present

Source: UNCTAD, based on van Heerden, 1999 and WEPZA newsletters 1996-1999.

<sup>a</sup> Includes employment in the in-bond garment sector.

<sup>b</sup> includes direct and indirect employment.

Notes: The information provided is not necessarily complete. Employment data are estimates. Blank spaces in cells indicate non-availability of information on an item.

EPZ = Export Processing Zone

FTZ = Free Trade Zone

FT = Free Trade

FZ = Free Zone

ETDZ = Economic and Technological Development Zone.

Annex table A.IX.4. Labour standards and FDI in developing countries

Member States	Trade union			Conventions ratified										FDI as percentage of GFCF (1997)	FDI as percentage of GDP (1997)		
	Year	Union membership (thousands)	Membership as per cent of wage and salary earners	Forced Labour 1930 C.29	Abolition of Forced Labour 1957 C.105	Freedom of Association and Protection of the Right to Organise, 1948 C.87	The Right to Organise and Collective Bargaining, 1949 C.98	Equal Remuneration, 1951 C.100	Discrimination (Employment and Occupation), 1958 C.111	Minimum Age, 1973 C.138	Working Environment (Air pollution, Noise and Vibration), 1977 C.148	Minimum Wages Fixing, 1970 C.131					
<b>Africa</b>	1.2	6.5															
<b>North Africa</b>	1.2	5.6															
Algeria	..	..	..	X	X	X	X	X	X	X	X	..	..	..	..	0.1	
Egypt	1995	3313	38.8	X	X	X	X	X	X	X	X	X	X	X	X	1.2	6.1
Libyan Arab Jamahiriya	..	..	..	X	X	—	X	X	X	X	..	..	..	..	..	0.4	3.0
Morocco	1994	290	..	X	X	+	X	X	X	X	..	..	..	..	..	3.2	15.6
Sudan	..	..	..	X	X	*	X	X	X	X	..	..	..	..	..	1.0	3.8
Tunisia	1994	220	..	X	X	X	X	X	X	X	..	..	..	..	..	1.7	6.8
<b>Other Africa</b>	1.3	7.4															
Angola	..	..	..	X	X	0	X	X	X	X	..	..	..	..	..	6.4	55.7
Benin	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..	0.1	0.8
Botswana	1995	45	..	X	X	X	X	X	X	X	..	..	..	..	..	2.0	8.8
Burkina Faso	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..	0.0	0.2
Burundi	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..	0.1	2.0
Cameroon	1995	250	..	X	X	X	X	X	X	X	..	..	..	..	..	0.5	3.1
Cape Verde	1995	15	..	X	X	X	X	X	X	X	..	..	..	..	..	2.9	9.3
Central African Republic	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..	0.6	5.6
Chad	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..	1.5	13.3
Comoros	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..	0.9	4.0
Congo	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..	0.4	2.4
Côte d'Ivoire	..	..	..	X	0	X	0	0	0	0	..	..	..	..	..	0.4	2.4
Democratic Republic of the Congo	1995	300	..	X	X	X	X	X	X	X	..	..	..	..	..	3.2	21.5
Djibouti	..	..	..	X	*	*	X	X	X	X	..	..	..	..	..	0.0	0.4
Equatorial Guinea	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..	1.0	7.9
Eritrea	..	..	..	—	—	—	—	—	—	—	..	..	..	..	..	21.5	105.8
Ethiopia	1995	18	..	+	+	+	+	+	+	+	..	..	..	..	..	..	..
1995	152	..	..	+	0	X	X	0	X	X	..	..	..	..	..	0.2	1.6
Gabon	1995	5	..	X	X	X	X	X	X	X	..	..	..	..	..	-2.0	-8.5
Gambia	..	..	..	*	*	*	*	*	*	*	..	..	..	..	..	3.7	19.8
Ghana	1990	700	..	X	X	X	X	X	X	X	..	..	..	..	..	2.9	12.3
Guinea	1995	13	..	X	X	X	X	X	X	X	..	..	..	..	..	0.5	3.4
Guinea-Bissau	..	..	..	X	X	—	X	X	X	X	..	..	..	..	..	0.7	5.5
Kenya	1995	500	..	X	X	—	X	X	X	X	..	..	..	..	..	1.1	1.1
Lesotho	..	..	..	X	*	—	X	X	X	X	..	..	..	..	..	3.5	4.2
Liberia	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..	..	..
Madagascar	..	..	..	X	*	X	X	*	X	X	..	..	..	..	..	15.2	15.2
Malawi	..	..	..	*	*	*	X	*	X	X	..	..	..	..	..	0.5	3.8
Mali	1995	103	..	X	X	X	X	X	X	X	..	..	..	..	..	0.1	0.8
			..	X	X	X	X	X	X	X	..	..	..	..	..	1.6	6.7

Annex table A.IX.4. Labour standards and FDI in developing countries (continued)

Member States	Trade union			Conventions ratified										FDI as percentage of GDP (1997)	FDI as percentage of GFCF (1997)
	Year	Union membership (thousands)	Membership as per cent of wage and salary earners	Forced Labour 1930 C.29	Abolition of Forced Labour 1957 C.105	Freedom of Association and Protection of the Right to Organise, 1948 C.87	The Right to Organise and Collective Bargaining, 1949 C.98	Equal Remuneration, 1951 C.100	Discrimination (Employment and Occupation), 1958 C.111	Minimum Age, 1973 C.138	Working Environment (Air pollution, Noise and Vibration), 1977 C.148	Minimum Wages Fixing, 1970 C.131			
Mauritania	1995	15	..	X	X	X	0	0	X	X	..	..	..	0.3	1.8
Mauritius	1995	106	29.2	X	X	+	X	+	X	X	..	..	..	1.4	5.0
Mozambique	..	..	..	*	X	X	X	X	X	X	..	..	..	2.4	3.7
Namibia	1995	55	..	*	*	X	X	*	X	X	..	..	..	3.9	18.5
Niger	..	..	..	X	X	X	X	X	X	X	X	X	X	0.0	0.4
Nigeria	1990	3520	..	X	X	X	X	X	X	X	..	..	..	1.1	7.2
Rwanda	..	..	..	0	X	X	X	X	X	X	..	..	..	0.1	0.9
Sao Tome and Principe	..	..	..			X	X	X	X	X	..	..	..	..	..
Senegal	1995	184	..	X	X	X	X	X	X	X	..	..	..	0.7	3.5
Seychelles	..	..	..	X	X	X	0	0	0	0	..	..	..	10.1	28.7
Sierra Leone	..	..	..	X	X	X	X	X	X	X	..	..	..	0.4	6.5
Somalia	..	..	..	X	X	X	—	—	—	—	..	..	..	..	0.4
South Africa	1995	3154	40.9	X	X	X	X	0	0	0	..	..	..	..	..
Swaziland	1995	21	22.4	X	X	X	X	X	X	X	..	..	..	-0.2	-0.6
Tanzania, United Republic of	1995	470	..	X	X	#	X	*	X	X	..	..	..	2.1	13.0
Togo	..	..	..	X	0	X	X	X	X	X	..	..	..	0.1	0.5
Uganda	1995	63	..	X	X	+	X	+	X	X	..	..	..	3.0	19.2
Zambia	1995	273	..	X	X	X	X	X	X	X	..	..	..	1.8	4.8
Zimbabwe	1995	250	..	X	X	+	X	X	X	0	..	..	..	0.9	4.0
<b>Latin America and the Caribbean</b>	3.2	16.2	..	..	..	..	..	..	..	..	..	..	..	..	..
<b>South America</b>	3.0	15.2	..	..	..	..	..	..	..	..	..	..	..	..	..
Argentina	1995	3200	38.7	X	X	X	X	X	X	X	..	..	..	2.0	9.9
Bolivia	1994	276	..	+	X	X	X	X	X	X	..	..	..	7.7	44.3
Brazil	1991	15205	43.5	X	X	+	X	X	X	X	X	X	X	2.3	11.9
Chile	1993	684	..	X	X	X	X	X	X	X	..	..	..	7.0	27.9
Colombia	1995	840	..	X	X	X	X	X	X	X	..	..	..	7.6	40.0
Ecuador	1995	300	..	X	X	X	X	X	X	X	X	X	X	2.9	15.3
Guyana	1995	70	..	X	X	X	X	X	X	X	..	..	..	12.1	27.2
Paraguay	1995	109	..	X	X	X	X	X	X	X	..	..	..	2.2	9.5
Peru	1991	442	..	X	X	X	X	X	X	X	..	..	..	3.1	12.6
Suriname	..	..	..	X	X	X	X	X	X	X	..	..	..	..	..
Uruguay	1993	151	..	X	X	X	X	X	X	X	..	..	..	..	..
Venezuela	1995	1153	17.1	X	X	X	X	X	X	X	X	X	X	0.8	6.7
<b>Other Latin America and the Caribbean</b>	3.8	19.3	..	..	..	..	..	..	..	..	..	..	..	..	..
Antigua and Barbuda	1995	14	53.8	X	X	X	X	0	X	X	..	..	..	5.5	15.0

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Annex table A.IX.4. Labour standards and FDI in developing countries (continued)

Member States	Trade union			Conventions ratified										FDI as percentage of GFCF (1997)
	Year	Union membership (thousands)	Membership as per cent of wage and salary earners	Forced Labour 1930 C.29	Abolition of forced Labour 1957 C.105	Freedom of Association and Protection of the Right to Organise, 1948 C.87	The Right to Organise and Collective Bargaining, 1949 C.98	Equal Remuneration, 1951 C.100	Discrimination (Employment and Occupation), 1958 C.111	Minimum Age, 1973 C.138	Working Environment (Air pollution, Noise and Vibration), 1977 C.148	Minimum Wages Fixing, 1970 C.131	FDI as percentage of GDP (1997)	
Bahamas	..	..	..	X	X	#	X	*	*	*	..	..	6.9	32.7
Barbados	..	..	..	X	X	X	X	X	X	0	..	..	0.8	8.4
Belize	..	..	..	X	X	X	X	*	*	*	..	..	1.9	9.1
Costa Rica	1995	139	16.6	X	X	X	X	X	X	X	X	X	0.6	3.1
Cuba	1995	2772	70.2	X	X	X	X	X	X	X	X	X	..	..
Dominica	..	..	..	X	X	X	X	X	X	X	..	..	8.9	27.8
Dominican Republic	1995	450	..	X	X	X	X	X	X	*	..	..	2.7	11.4
El Salvador	1995	103	21.7	X	X	*	*	0	X	X	X	X	0.4	2.3
Grenada	..	..	..	X	X	X	X	X	X	+	..	..	7.9	24.7
Guatemala	1994	89	3.0	X	X	X	X	X	X	X	X	X	0.5	3.5
Haiti	..	..	..	X	X	X	X	X	X	X	..	..	0.2	1.3
Honduras	1994	106	..	X	X	X	X	X	X	X	..	..	2.6	10.9
Jamaica	..	..	..	X	X	X	X	X	X	+	..	..	2.6	8.5
Mexico	1991	7000	42.8	X	X	X	*	X	X		X	X	3.1	15.9
Nicaragua	1995	280	..	X	X	X	X	X	X	X	..	X	8.6	24.7
Panama	1991	90	20.1	X	X	X	X	X	X	0	..	..	11.8	39.8
Saint Kitts and Nevis	..	..	..	*	*	*	*	*	*	*	..	..	10.4	32.0
Saint Lucia	..	..	..	X	X	X	X	X	X	—	..	..	..	..
Saint Vincent and the Grenadines..	..	..	..	X	X	*	*	*	*	*	..	..	16.2	48.5
Trinidad and Tobago	..	..	..	X	X	X	X	X	X	—	..	..	17.0	109.0
<b>Asia</b>	2.4	..	..	..	..	..	..	..	..	..	..	..	..	8.3
<b>West Asia</b>	0.7	..	..	..	..	..	..	..	..	..	..	..	..	3.2
Bahrain	..	..	..	X	X	#	#	#	*	*	..	..	0.2	2.0
Cyprus	1995	161	56.5	X	X	+	+	X	X	X	..	..	2.1	10.6
Iran, Islamic Republic of	..	..	..	X	X	+	+	X	X	+	..	..	0.3	1.2
Iraq	..	..	..	X	X	+	+	X	X	X	X	X	..	..
Jordan	..	..	..	X	X			X	X	X	..	..	5.1	20.3
Kuwait	..	..	..	X	X	+	+	*	*	+	..	..	0.1	0.4
Lebanon	..	..	..	X	X	+	+	X	X	+	..	X	1.4	10.8
Oman	..	..	..	X	*	*	*	*	*	*	..	..	0.3	1.3
Qatar	..	..	..	X					X	X	..	..	0.7	3.1
Saudi Arabia	..	..	..	X		*	*		X	+	..	..	2.0	11.0
Syrian Arab Republic	..	..	..	X	X	X	X	X	X	+	..	X	0.2	0.6
Turkey	1995	2667	33.7	X	X	#	#	X	X	X	..	..	0.4	1.6
United Arab Emirates	..	..	..	X	X	X	X	X	#	X	..	..	0.2	0.9
Yemen	..	..	..	X	X	X	X	X	X	*	..	X	-2.4	-10.5

Annex table A.IX.4. Labour standards and FDI in developing countries (continued)

Member States	Trade union		Conventions ratified										FDI as percentage of GDP (1997)	FDI as percentage of GFCF (1997)		
	Year	Union membership (thousands)	Membership as per cent of wage and salary earners	Forced labor, 1930 C.29	Abolition of forced labor, 1957 C.105	Freedom of Association and Protection of the Right to organise, 1948 C.87	The Right to organise and Collective Bargaining, 1949 C.98	Equal Remuneration, 1951 C.100	Discrimination (Employment and Occupation), 1958 C.111	Minimum age, 1973 C.138	Working Environment (Air pollution, Noise and Vibration), 1977 C.148	Minimum Wages Fixing, 1970 C.131				
<b>Central Asia</b>		4.3													465.3	
Armenia	1995	1707	63.8	X	*	*	*	X	X	X	X	X	X	X	3.1	16.0
Azerbaijan	..	..	..	X	*	X	X	X	X	X	X	X	X	X	23.2	..
Georgia	..	..	..	X	*	*	*	*	*	*	*	*	*	*	2.5	..
Kazakhstan	..	..	..	X	*	*	*	*	*	*	*	*	*	*	6.6	..
Kyrgyzstan	..	..	..	X	*	X	X	X	X	X	X	X	X	X	4.8	34.3
Tajikistan	..	..	..	X	—	X	X	X	X	X	X	X	X	X	0.2	..
Turkmenistan	..	..	..	X	X	X	X	X	X	X	X	X	X	X	2.5	..
Uzbekistan	..	..	..	X	X	0	X	X	X	X	X	X	X	X	0.4	..
<b>South, East and South-east Asia</b>		8.8														
Afghanistan	1995	1721	7.5	X	X	—	—	X	X	X	X	X	X	X	..	2.9
Bangladesh	..	..	..	X	X	X	X	X	X	X	X	X	X	X	0.4	..
Cambodia	1995	103996	92.0	X	0	0	0	0	0	0	0	0	0	0	7.2	..
China	1991	6100	27.0	X	0	*	*	X	X	X	X	X	X	X	4.8	14.3
India	1995	1000	3.4	X	0	*	*	X	X	X	X	X	X	X	1.0	4.2
Indonesia	1995	1615	12.7	X	*	*	*	X	X	X	X	X	X	X	2.2	7.0
Korea, Republic of	..	..	..	X	0	*	*	X	X	X	X	X	X	X	0.6	1.8
Lao People's Democratic Republic	1995	706	13.4	X	0	0	0	0	0	0	0	0	0	0	5.1	..
Malaysia	..	..	..	X	0	#	#	X	X	X	X	X	X	X	5.2	12.2
Mongolia	..	..	..	0	0	X	X	X	X	X	X	X	X	X	0.8	..
Myanmar	..	..	..	X	0	X	X	0	0	0	0	0	0	0	0.0	0.4
Nepal	..	..	..	X	*	*	*	X	X	X	X	X	X	X	0.5	2.3
Pakistan	1994	984	..	X	X	X	X	X	X	X	X	X	X	X	1.2	7.0
Philippines	1995	3587	38.2	X	X	X	X	X	X	X	X	X	X	X	1.5	6.2
Singapore	1995	235	15.9	X	0	0	0	X	X	X	X	X	X	X	9.0	24.2
Sri Lanka	1991	1640	29.5	X	#	X	X	X	X	X	X	X	X	X	2.8	11.7
Thailand	1995	416	4.2	X	X	+	+	X	X	X	X	X	X	X	2.4	6.8
Viet Nam	..	..	..	0	0	0	0	X	X	X	X	X	X	X	..	..
<b>The Pacific</b>		4.5														
Fiji	..	..	..	X	X	*	*	X	X	X	X	X	X	X	0.6	30.7
Papua New Guinea	..	..	..	X	X	0	0	X	X	X	X	X	X	X	5.7	5.7
Solomon Islands	..	..	..	X	—	*	*	0	0	0	0	0	0	0	5.7	31.4
<b>DEVELOPING EUROPE</b>		16.6														
Bosnia and Herzegovina	2.1	..	..	X	*	X	X	X	X	X	X	X	X	X	..	..
Croatia	..	..	..	X	X	X	X	X	X	X	X	X	X	X	2.3	..

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Annex table A.IX.4. Labour standards and FDI in developing countries (concluded)

Member States	Trade union			Conventions ratified										
	Year	Union membership (thousands)	Membership as per cent of wage and salary earners	Forced Labour 1930 C.29	Abolition of Forced Labour 1957 C.105	Freedom of Association and Protection of the Right to Organise, 1948 C.87	The Right to Organise and Collective Bargaining, 1949 C.98	Equal Remuneration, 1951 C.100	Discrimination (Employment and Occupation), 1958 C.111	Minimum Age, 1973 C.138	Working Environment (Air pollution, Noise and Vibration), 1977 C.148	Minimum Wages Fixing, 1970 C.131	FDI as percentage of GDP (1997)	FDI as percentage of GFCF (1997)
Malta	1994	77	65.1	X	X	X	X	X	X	X	X	X	3.9	15.0
Slovenia	..	..	..	X	X	X	X	X	X	X	X	X	1.8	7.5
Yugoslavia	..	..	..	X	—	X	X	X	X	X	X	X	0.8	..
The former Yugoslav Republic of Macedonia	..	..	..	X	*	X	X	X	X	X	X	X	..	..
<b>Central and Eastern Europe</b>	2.2	10.9												
Albania	X	X	X	X	X	X	X	..	..	2.0	..	..	1.5	6.0
Belarus	1995	4134	88.0	X	X	X	X	X	X	X	X	..	4.9	43.4
Bulgaria	1993	1810	58.2	X	0	X	X	X	X	X	..	..	2.5	8.0
Czech Republic	1995	1886	42.8	X	X	X	X	X	X	X	X	..	5.7	29.5
Estonia	1995	167	36.1	X	X	X	X	X	X	X	..	..	4.8	23.6
Hungary	1995	1860	60.0	X	X	X	X	X	X	X	X	X	9.4	..
Latvia	..	..	..	0	X	X	X	X	X	0	X	X	3.7	..
Lithuania	..	..	..	X	X	X	X	X	X	X	X	X	3.2	16.3
Moldova, Republic of	..	..	..	0	X	X	X	0	X	0	..	..	3.6	17.1
Poland	1995	3420	33.8	X	X	X	X	X	X	X	..	..	3.5	18.2
Romania	1993	3700	..	X	X	X	X	X	X	X	..	..	1.4	7.2
Russian Federation	1996	42356	75.0	X	X	X	X	X	X	X	X	..	0.8	2.2
Slovakia	1995	1150	61.7	X	X	X	X	X	X	X	X	..	1.3	6.8
Ukraine	1995	21850	..	X	+	X	X	X	X	X	..	..	..	..

Source: ILOLEX, ILO's database on International Labour Standards, ILO, 1997a and UNCTAD FDI/TNC database.

Notes:

- Membership as per cent of total paid employees for 1992.
- Membership as per cent of total paid employees for 1993.
- Membership as per cent of total paid employees for 1990.
- Membership as per cent of total paid employees for 1989.
- Membership as per cent of total paid employees for 1994.

Explanation of symbols in the table:

- X Convention ratified.
- 0 Formal ratification process already initiated (with or without mention of time-frame); approval of ratification by the competent body, although the ILO Director-General has not yet received the formal instrument of ratification or it is incomplete (concerns chiefly Minimum Agr Convention) or is a non-original copy.
- \* Convention currently being studied or examined; preliminary consultations with the social partners.
- + Ratification will be examined after amendment/adoption of a Constitution, Labour Code, legislation, etc.
- # Divergencies between the Convention and national legislation.
- | Ratification not considered/deferred.
- No reply, or a reply containing No information.

**Annex table A.X.1. TNC provisions of Agenda 21**

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*Agenda 21* states that TNCs, along with other industrial actors, should,<sup>a</sup>

*in the area of global corporate environmental management:*

- |   |   |
|---|---|
| 1. introduce policies and commitments to adopt equivalent or not less stringent standards of operation as in the country of origin [chapters 19.53(d) and 20.30]; | 6. Strengthen partnerships to implement the principles and criteria for sustainable development [chapter 30.7];   |
| 2. recognize environmental management as among the highest corporate priorities and as a key determinant to sustainable development [chapter 30.3];               | 7. have a special role and interest in promoting cooperation in technology transfer and in building a trained human resource pool and infrastructure in host countries [chapter 34.27]; |
| 3. be encouraged to establish worldwide corporate policies on sustainable development [chapter 30.22];  | 8. share their environmental management experiences with the local authorities, national Governments, and international organizations [chapter 30.22];                                  |
| 4. ensure responsible and ethical management of processes from the point of view of health, safety and environmental aspects [chapter 30.26];                     | 9. Report annually on their environmental record as well as on their use of energy and natural resources [chapter 30.10 (a)];   |
| 5. establish environmental management systems, including environmental auditing of production or distribution sites [chapter 20.13(i)];                           |   |

*in the area of environmentally sound production and consumption patterns:*

- |   |  |
|---|--|
| 10. play a major role in reducing impacts on resource use and the environment through more efficient production processes, preventive strategies, cleaner production technologies and procedures throughout the product life cycle [chapters 30.2 and 30.4] | 14. establish cleaner production demonstration projects/ networks by sector and by country [chapter 20.19(b)];   |
| 11. integrate cleaner production approaches into the design of products and management practices [chapter 20.18(c)];  | 15. integrate cleaner production principles and case studies into training programmes and organize environmental training programmes for the private sector and other groups in developing countries [chapters 8.3(c) and 20.19(b)]; |
| 12. arrange for environmentally sound technologies to be available to affiliates in developing countries [chapter 30.22];   | 16. consider establishing environmental partnership schemes with small- and medium-sized enterprises [chapter 30.23];  |
| 13. increase research and development of environmentally sound technologies and environmental management systems in collaboration with academia, scientific/engineering establishments, and indigenous people [chapter 30.25];                              |  |

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## Annex table A.X.1. TNC provisions of Agenda 21 (concluded)

*in the area of risk and hazard minimization:*

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|--|---|
| 17. undertake research into the phase-out of those processes that pose the greatest environmental risk based on the hazardous wastes generated [chapter 20.18(b)]; | 22. Adopt, on a voluntary basis, community right-to-know programmes based on international guidelines, including sharing information on the causes of accidental releases or potential releases and the means to prevent them [chapter 19.5 1 (c)]; |
| 18. encourage affiliates to modify procedures in order to reflect local ecological conditions [chapter 30.22];   | 23. make available to governments the information necessary to maintain inventories of hazardous wastes, treatment/disposal sites, contaminated sites that require rehabilitation, and information on exposure and risks [chapter 20.23(a)];        |
| 19. provide data for substances produced that are needed specifically for the assessment of potential risks to human health and the environment [chapter 19.16];   | 24. report annually on routine emissions of toxic chemicals to the environment even in the absence of host country requirements [chapter 19.5 1 (c)];   |
| 20. develop emergency response procedures and on-site and off-site emergency response plans [chapter 19.50(h)];  | 25. phase out, where appropriate, and dispose of any banned chemicals that are still in stock or in use, in an environmentally sound manner [chapter 19.53(j)];   |
| 21. apply a “responsible care” approach to chemical products, taking into account the total life cycle of such products [chapters 19.5 1 (b) and 20.18(d)];        |   |

*in the area of full-cost environmental accounting:*

- |  |   |
|--|---|
| 26. be invited to participate at the international level in assessing the practical implementation of moving toward greater reliance on pricing systems that internalize environmental costs [chapter 8.37]; | 28. work towards the development and implementation of concepts and methodologies for the internalization of environmental costs into accounting and pricing mechanisms [chapter 30.9]; |
| 27. cooperate in developing methodologies for the valuation of non-marketed natural resources and the standardization of data collection [chapter 8.50];   | 29. work with governments to identify and implement an appropriate mix of economic instruments and normative measures such as laws, legislation, and standards [chapter 30.8];          |

*in the area of international environmental support activities:*

- |  |  |
|--|--|
| 30. develop an internationally agreed upon code of principles for the management of trade in chemicals [chapter 19.51(a)]; | 31. be full participants in the implementation and evaluation of activities related to Agenda 21 [chapter 30.1]. |
|--|--|

Source: UNCTAD 1996b.

<sup>a</sup> Bracketed references are to the original Agenda 21 chapters.