

Trade and Health

DATA BASE OF TRADE IN HEALTH RELATED GOODS AND SERVICES IN THE AMERICAS July 21, 2003

**Pan American Health Organization – PAHO
World Health Organization – WHO**

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Background: Statistics of Trade in Health Related Products (Goods or Commodities)

The economic growth experienced by the World Economy during the nineties was characterized by a rapid increase in the volume in the international trade of goods and services, international flows of capital, increase in the movements of factors of production across countries, diffusion of information, technologies and ideas; among other things. Little is known about the impact of this new economic and social environment on the organization and financing of national health care systems, and on the production and utilization of health related goods and services. Less is known about the likely impact of these changes on the health status of the population.

The purpose of this Data-base is to document the magnitude and significance of the international trade in health related products (exports and imports of health related goods or commodities) in the countries of the Americas: Canada United States and in the countries of the Latin America and Caribbean Region. In [Section I](#) we present the estimates on the value of the total exports and imports of health related goods for countries of the Americas and the evolution of value of the exports and imports of two broad components of the international trade in health related products: *Pharmaceutical, medicinal chemical and botanical products* (2423) and of *Medical and surgical equipment and orthopedic appliances* (3311); as classified in the International Standard Industrial Classification (ISIC), Revision 3 ([ISIC Rev.3](#)):

<http://unstats.un.org/unsd/cr/registry/regcst.asp?Cl=17>

A detailed description of the type of products (goods or commodities) included in these two categories is presented in Annex 1.

[Section II](#) presents a list of regional and country tables contained in PAHO's Data-base of Trade in Health Related Goods and Services. [Section III](#) presents a summary of Data sources and methodological notes to the tables and indicators included in PAHO's Data-base of Trade in Health Related Goods and Services.

Section I: Statistics on Imports and Exports of Health Related Commodities of countries of the Americas

Imports of Health Related Commodities

In the year 2000 the total value of imports of the health related medical imports by countries of the Americas; Canada, United States and the countries of the Latin America and the Caribbean region amounted to around US\$ 43 billions of dollars. The total exports of health related commodities reached US\$ 33.7 billions (Table 1). In terms of the geographical distribution of the flows of trade of health related products, United States accounted for 63 percent of the total imports, Canada for 8 percent and the countries of the Latin America and Caribbean region for 21 percent of the imports. The value of the imports of health related medical goods and services represented around 2.5 percent of the total imports of Canada and the United States, and around 2.9 percent of the total value of imports of countries of the Latin America and Caribbean region. The US accounted for 84 percent of all the exports and for 63 percent of the total volume of imports of the Region (Graph 1a and 1.b)¹.

Table 1: Americas: International Trade of Health Related Products; Value of Imports and Exports of Pharmaceutical, medicinal chemical and botanical products, and of Medical and surgical equipment and orthopedic appliances; 2000

(Billions of US\$, current)

	Imports	Exports	Health Imports As % of Total Imports	Imports Per capita In US\$
Americas	43.2	33.7	2.6	32.6
Canada	5.8	(1.0) a/	2.5	190.2
United States	27.4	28.4	2.4	97.6
Latin America and the Caribbean	9.9	4.3	3.2	15.0

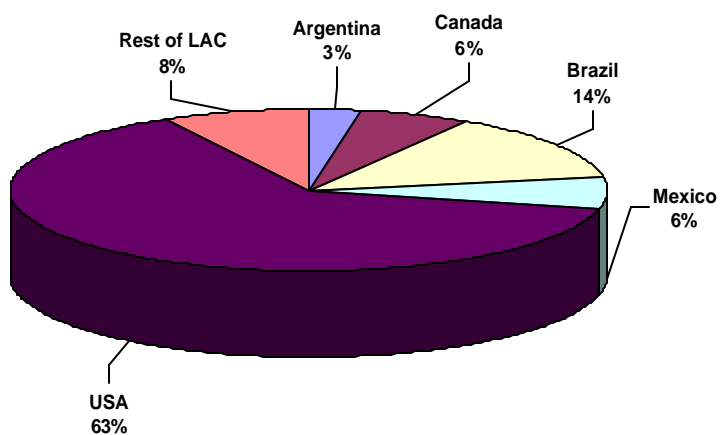
a/ Latest available estimate of imports are from 1995.

Source: From Tables A.6a to A.6g; Section II.

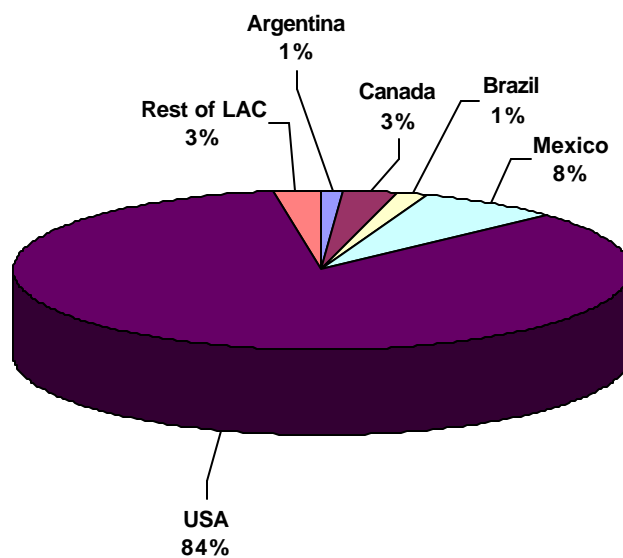
¹ In the year 2000 only two countries of the Region were net exporters of health related products: United States and Costa Rica (See Table A.3.c).

**Graph 1: Structure of the Markets of Exports and Imports of Health Related Products:
Pharmaceutical, medicinal chemical and botanical products, and of Medical and surgical equipment
and orthopedic appliances; 2000**

Graph 1.a Structure of Health Care Markets: Imports of Health Related Products, 2000



Graph 1.b Structure of Health Care Markets: Exports of Health Related Products, 2000



Source: Table A.6g

The Evolution of Imports and Exports of Health Related Products: 1994-2000

During the decade of the nineties, from 1994 to 2000, the total value of trade in health related commodities grew at a faster rate than the rate of growth of the domestic economies. During this period the value of imports of health related commodities more than double. It increased from around US\$ 19.4 billions in 1994 to more than US\$ 43 billions in the year 2000. The imports of health related commodities increases at an average rate of growth of 14 percent per year. The largest increases occurred in the case of the imports by the United States, at an average rate of growth of 16 percent per year. The rate of growth of imports by countries of the LAC region was somewhat slower, at an average rate of 10.2 percent per year. The US accounts now, in the year 2000, for close two thirds of the total imports of the region of the Americas (Table 2, Graph 2).

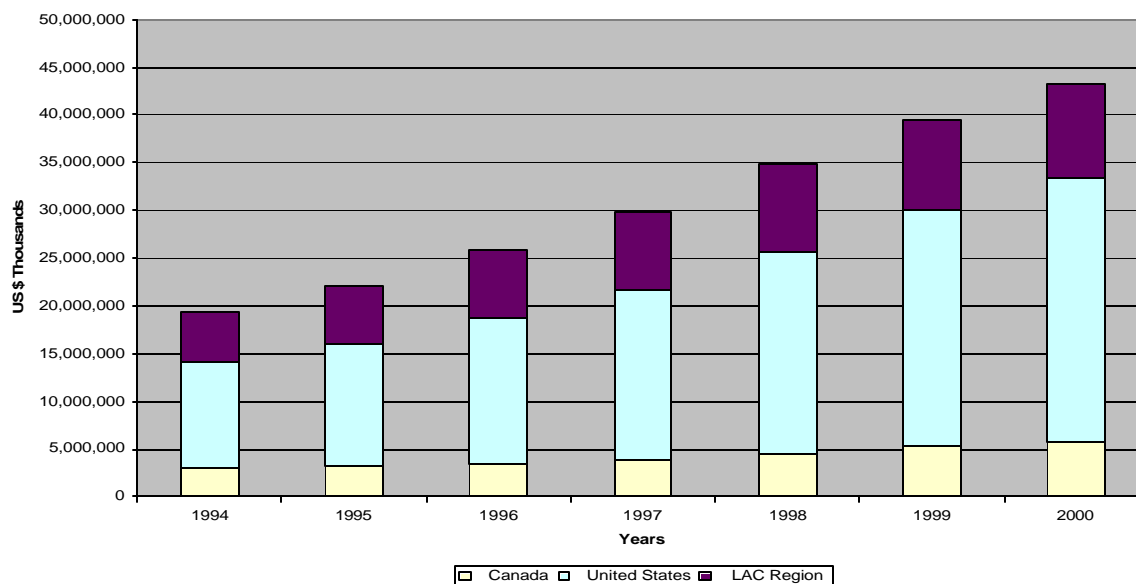
The share of total imports of drugs and medicines and of medical equipment and orthopedic appliances as percentage of total imports from countries of the Americas increased from 1.9 percent in 1994 to 2.5 percent in the year 2000. For countries of the LAC region only, this share increased from 2.7 percent in 1994 to 2.9 percent in the year 2000. For countries for which this information is available for the year 2000, the range of imports of health related goods and services varied between a low 1.5 percent in the case of Mexico, to around 6.5 percent in the case of Ecuador and Nicaragua. In several countries the ratio of imports of health related commodities to overall imports represents between 4.1 and 5.5 percent of the total imports: Argentina, Brazil, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Uruguay and Venezuela (See table A.6g) ²

Table 2 Total Imports of Health related Commodities in the Americas; 1994-2000; (Billions of US dollars)

	1994	1995	1996	1997	1998	1999	2000
Total Americas	19,4	22,2	25,8	29,8	34,9	39,5	43,2
Canada	2,9	3,2	3,5	3,9	4,5	5,3	5,8
United States	11,0	12,7	15,2	17,7	21,2	24,8	27,4
LAC Region	5,4	6,2	7,2	8,2	9,2	9,4	9,9

Source: Elaborated from tables 3.a and 3.b; See Section II.

² However, while increasing in significance, the imports of health related commodities represent a relatively small proportion of the national economies; less than 0.5 percent.

Graph 2**Total Imports of Health Related Commodities in the Americas; 1994-2000**

Source: Elaborated from Table 2

The data on the composition of imports in terms of drugs and medicines and of medical equipment and appliances, the biggest increases was in the imports of drugs and medicines. The total imports of drugs and medicines (Pharmaceutical, medicinal chemical and botanical products) increased from around US\$ 12 billions in 1994 to US\$ 29 billions in the year 2000. The imports of medical equipment and orthopedic appliances (Medical and surgical equipment and orthopedic appliances (3311)) increased from US\$ 7.3 billions to US\$ 13.2 billions.

Exports of Health Related Commodities

Exports of health related commodities grew at slower pace than imports. The total exports of health related commodities increased from US\$ 18.4 billions in 1994 to US\$ 32.7 billions in the year 2000 (Table 3, Graph 3). The US accounts for close to 80 percent of all the exports of health related commodities from countries of the Americas. However, during this period, the exports of health related commodities from countries of the LAC region grew at a faster pace than the that of the US, at an average annual rate of 16 percent per years versus around 10 percent per year in the case of the US (no data for Canada is available for years after 1995; see methodological notes). The increase in the level of exports per capita for countries of Latin America and the Caribbean, during the period 1994-2000, was remarkable. Per capita export expanded from US\$ 3.7 in 1994 to US\$ 5.4 in 2000, signifying a sharp increase of 45.5%. There have been no major changes in the composition of the exports of health related

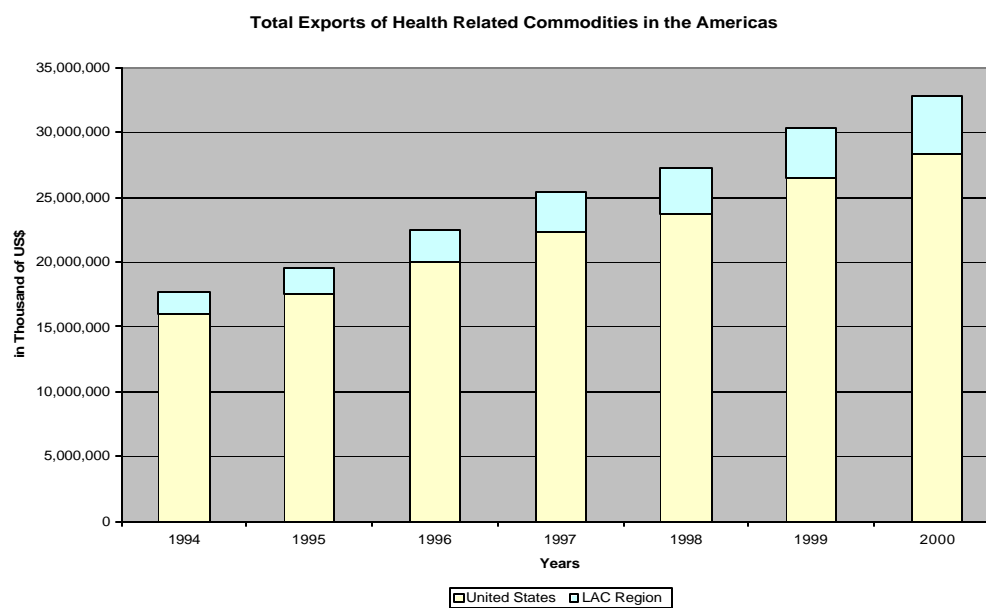
commodities of countries of the Americas in terms of exports of drugs and medicines and medical equipments and orthopedic appliances.

Table 3: Total Exports of Health Related Commodities in the Americas: 1994-2000;
(in thousands of US\$)

	1994	1995	1996	1997	1998	1999	2000
Total Americas	18,4	20,5	22,5	25,4	27,3	30,3	32,7
Canada	0,8	0,9	-	-	-	-	-
United States	16,0	17,5	19,9	22,3	23,7	26,5	28,4
LAC Region	1,6	2,0	2,5	3,2	3,6	3,8	4,3

Source: Elaborated from tables 2.a and 2.b; See Section II.

Graph 3:



* Graph does not include Canada (unavailable data).

Variations by countries and Trends in per capita Imports of Health Related Products: 1994-2000

In per capita terms the average level of imports of medical products in the Americas reached to US\$ 32.6 dollars. It was of US\$ 190 in Canada and of US\$ 97 for the United States. For the Latin America and Caribbean region the average level of imports was of around US\$ 15 dollars; up from around US\$ 12.5 dollars in 1994 (Table 4, Graph 4).

Table 4: Per capita Imports of health related commodities for countries of the Americas; 1994, 1997 and 2000; in US \$ Dollars, current*

Country	1994	1997	2000
Argentina	24.0	30.6	31.9
Bahamas		30.4	<i>30.4</i>
Barbados	76.3	104.0	<i>104.0</i>
Belize	25.3	21.6	<i>21.6</i>
Bolivia	4.3	4.7	6.2
Brasil	9.0	15.9	16.0
Canada		128.9	190.2
Chile	17.7	25.1	27.2
Colombia	9.7	16.1	15.0
Costa Rica	39.1	44.8	76.6
Dominica	15.7	24.1	24.1
Ecuador	12.7	20.8	18.5
El Salvador	21.8	22.9	30.4
Grenada	38.6	53.7	<i>53.7</i>
Guatemala	11.2	14.1	19.0
Honduras	12.3	15.6	23.7
Jamaica	13.8	25.7	25.7
Mexico	14.5	16.3	26.8
Nicaragua	13.2	22.2	22.2
Panama		51.1	<i>51.1</i>
Paraguay	14.2	14.8	12.8
Peru	6.2	9.6	10.2
Saint Kitts	1.7	3.9	3.9
Saint Lucia	23.2	28.4	<i>28.4</i>
Saint Vincent	16.6	17.8	17.8
Trinidad	30.6	31.8	<i>31.8</i>
Uruguay	29.4	47.7	49.6
USA	42.5	66.2	97.6
Venezuela	10.3	15.4	26.1
Total Americas	26.8	29.3	32.6
Latin America and Caribbean	12.5	13.6	15.0

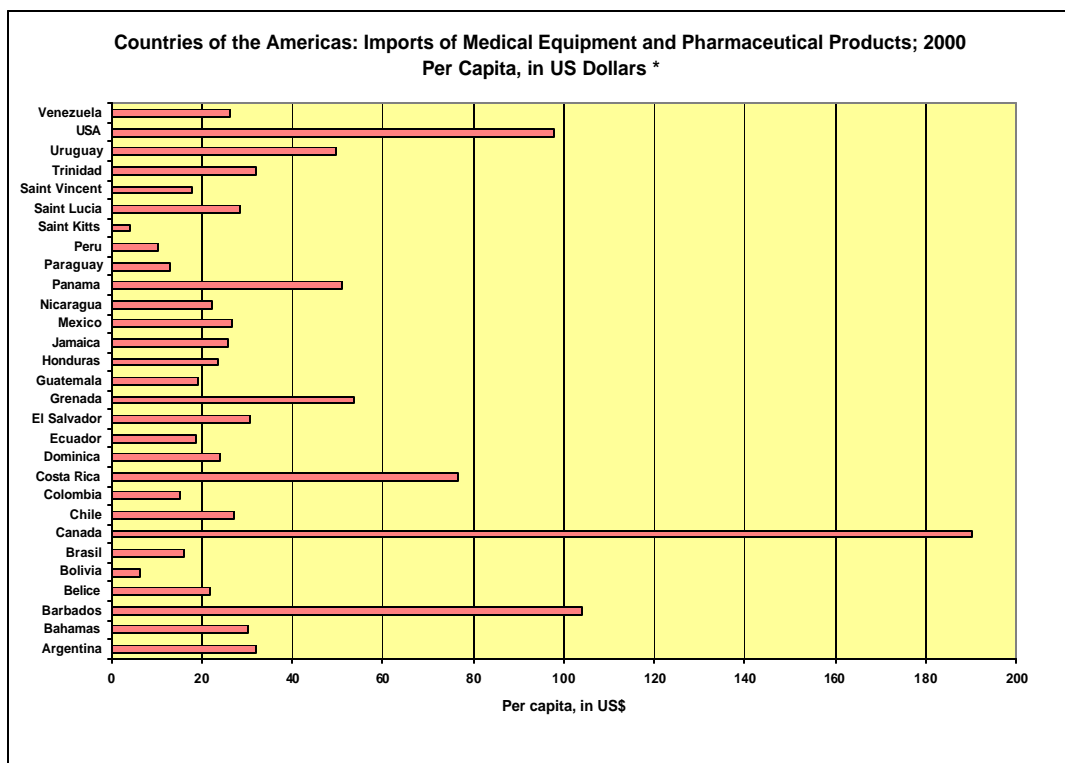
* Imports of *Pharmaceutical, medicinal and botanical products* and of *Medical and surgical equipment and orthopedic appliances* See Annex Table A.10.

** Figures italic corresponds to 1997.

*** Bolded figures are weighted regional average by population size of reporting countries.

The level of per capita imports among countries of the region varied from around US\$ 4 dollars in Saint Kitts and Nevis and US\$ 6 dollars in Bolivia, to more than US\$ 50 dollars in Grenada, Panama and Uruguay, to around US\$ 77 dollars in Costa Rica and US\$ 104 in the case of Barbados.

Graph 4:



Source: Table A.10; Annex

Section II: List of Tables on Exports and Imports of Health Related Products included in Statistical Annex; 1994-2000

The following is a list of the tables on statistics on exports and imports of health related commodities (goods) included in PAHO Data-base on Statistics of International Trade in Health Related Goods and Services in the Americas. Table A.1 summarizes the availability of statistics on imports and exports of health related commodities by countries of the Region.

Table A.2 and A.3 present a summary of the Exports, Imports and the Trade Balance in the two type of commodities included as health related commodities: Pharmaceutical, medicinal chemical and

botanical products (2423) and of Medical and surgical equipment and orthopedic appliances (3311); as classified in the International Standard Industrial Classification, Revision 3 ([ISIC Rev.3](#)).

Tables A.4 and A.5 presents the total value of Exports and Imports by countries, and the values of the GDP (in million of US\$) used in the calculation of the significance of the trade in health related goods as part of the overall flows of international trade and as part of the overall level of economic activity.

Tables A.6 (A.6a to A.6g) contains detailed data on the exports and imports of the health related commodities by countries, by year, from 1994 to 2000. It includes of estimates on the relative importance of exports of health related commodities as percentage of the overall value of exports and imports, by countries.

Table A.7 presents the average share of exports and imports of health related goods and services as percentage of the GDP, by countries, for years 1994/95, 1997 and 1998-2000. Table A.8 summarizes the average participation of exports and imports of health related commodities as percentage of total value of exports and imports for the LAC region.

Table A.9 presents the data on population of countries of the Americas for the years 1994, 1997 and 2000 (in millions). Table A.10 presents estimates of the level of per capita exports and imports of health related commodities for those years.

Tables A.11 (A.11a to A.11e) contains data on the composition of exports by type of health related goods and services and by main trading partners of destination of exports. We included information only for the countries of the Americas with the largest value of exports of trade related commodities: Argentina, Brazil, Costa Rica, Mexico and the United States (No information is available for Canada).

List of Tables of Statistics on International Trade in Health Commodities/Goods

- Table A.1: Data availability: Export and import of Pharmaceutical, medical chemical and botanical products and of Medical and surgical equipment and orthopedic appliances.
- Table A.2a: Export Pharmaceutical, medical chemical and botanical products (in US\$ thousands)
- Table A.2b: Export Medical and surgical equipment and orthopedic appliances (in US\$ thousands)
- Table A.3a: Import Pharmaceutical, medical chemical and botanical products (in US\$ thousands)
- Table A.3b: Import Medical and surgical equipment and orthopedic appliances (in US\$ thousands)
- Table A.3c: Health-trade balance (in US\$ thousands)
- Table A.4a: Total exports (in US\$ thousands)
- Table A.4b: Total imports (in US\$ thousands)
- Table A.5: GDP (in US\$ millions)
- Table A.6a: International Trade of Health goods (in US\$ thousands), 1994
- Table A.6b: International Trade of Health goods (in US\$ thousands), 1995
- Table A.6c: International Trade of Health goods (in US\$ thousands), 1996
- Table A.6d: International Trade of Health goods (in US\$ thousands), 1997
- Table A.6e: International Trade of Health goods (in US\$ thousands), 1998
- Table A.6f: International Trade of Health goods (in US\$ thousands), 1999
- Table A.6g: International Trade of Health good (in US\$ thousands), 2000
- Table A.7: Averages of health-related exports and imports; 1994-1995; 1997; 1998-2000
- Table A.8: LAC average of health-related exports and imports on total exports and imports
- Table A.9: Population (in millions)
- Table A.10: Health export and import per capita (in US\$)
- Table A.11a: Argentina (exports by item, countries of destination)
- Table A.11b: Brazil (exports by item, countries of destination)
- Table A.11c: Costa Rica (exports by item, countries of destination)
- Table A.11d: Mexico (exports by item, countries of destination)
- Table A.11e: United States (exports by item, countries of destination)

Section III Data Sources and Methodological Methods for collecting statistics and indicators related to the international trade

The main source for the following database has been Data Intal 3.1 – Trade Statistics System of the Americas, developed by Intal, “Institute for the Integration of Latin American and the Caribbean”, a unit of the Integration and Regional Programs Department of the Inter American Development Bank. A brief description of the contents of DATAINTAL that are relevant for the construction of PAHO’s Database of Statistics of International Trade in Health Related Goods and Services is contained at the following link (DATAINTAL 3.0; in Spanish only).

DATAINTAL 3.0 data-base was used to obtain the value of imports and exports of health related commodities: Items 2423 (Manufacture of pharmaceuticals, medicinal chemicals and botanical products) and 3311 (Manufacture of medical and surgical equipment and orthopedic appliances). All the statistical information presented is in current US dollars.

The information covers the period 1994 – 2000. The year 1997 is the only one that provides information for all the countries (29 countries), so that year will be considered as the reference year. The information or averages showed for 1994 do not include figures from Bahamas and Panama, while they together account for 1.1% of the total of trade exchange (exports plus imports) in health goods in 1997. Similarly, statistics of 2000 do not include figures from Bahamas, Barbados, Belize, Dominica, Grenada, Jamaica, Panama, St.Kitts, St.Lucia, St.Vincent, and Trinidad, whose latest year with information available is 1997 or 1998 (see Table A.1). The participation of these countries in the total trade exchange of 1997 is around 2.3%.

The tables A.7, A.8 and A.10 summarize the following information obtained from the DATAINTAL: Table A.7 shows the value of health-related exports and imports of each country for three periods; 1994-1995, 1997 and 1998-2000. Below the health-related export section, we can see that, in average, the LAC region has grown from 0.11% to 0.21% of the GDP (weighted average). In the case of the values of health-related imports the estimates derived from the DATAINTAL shows that the value of health-related imports rose 16.8% between the first and second period, and rose 21.1% between the second and the third period. Thus, it represented an average 0.36 as a percentage of the GDP in the first period, rising to a 0.51 percentage of the GDP in the last one, with an almost equal growth in all the countries of the region.

The table A.8 displays the average of the health-related exports of the LAC region as a percentage of the total exports. From 1994 to 1997, health-related exports grew from 0.88% to 1.17% (which represents an increase of 32%), while health-related imports grew from 2.72% to 2.77% respectively (implying an increase of just 2% compared with 1997). The same way, from 1997 to 2000 health-related exports increased 10%, being a 1.28% of total exports while health-related imports grew 6% representing a 2.94% of total imports.

Table A.10 presents the level of the “per capita health-related import and export” of the Americas and the LAC region.

References

1. Costa Rican Foreign Trade Corporation. Costa Rica: Análisis de las estadísticas de exportación, año 2000 [Internet site]. Available from: http://www.procomer.com/publicaciones/index.cfm?queHacer=loadPage&page= analisis_estadisticas_2000
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3. International Monetary Fund, Statistics Department. International Finance Statistics Yearbook 2001. Washington DC: IMF; 2001.
4. Organisation for Economic Co-operation and Development. OECD Health Data 2001 [CD-ROM database]. Version 06/15/2001. Paris: OECD; 2001.
5. United Nations. United Nations Statistics Division. International Family of Economic and Social Classifications [Internet site]. Available from: <http://unstats.un.org/unsd/class/family/default.htm>

Annex 1.

Products include in the Statistics of Imports and Exports of Health Related Commodities:

Detailed structure and explanatory notes

ISIC Rev.3.1 code 2423

[Profile](#) [Structure](#) [Notes](#)

Hierarchy

- Section: [D](#) - Manufacturing
- Division: [24](#) - Manufacture of chemicals and chemical products
- Group: [242](#) - Manufacture of other chemical products
- **Class: 2423 - Manufacture of pharmaceuticals, medicinal chemicals and botanical products**

Explanatory note

This class includes:

- manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments: antibiotics, basic vitamins, salicylic and O-acetylsalicylic acids etc.
- processing of blood
- manufacture of medicaments:
 - o antisera and other blood fractions
 - o vaccines
 - o diverse medicaments, including homeopathic preparations
- manufacture of chemical contraceptive products for external use and hormonal contraceptive medicaments
- manufacture of dental fillings and bone reconstruction cements
- manufacture of medical diagnostic preparations, including pregnancy tests

This class also includes:

- manufacture of chemically pure sugars
- processing of glands and manufacture of extracts of glands, etc.
- manufacture of medical impregnated wadding, gauze, bandages, dressings, surgical gut string, etc.
- preparation of botanical products (grinding, grading, milling) for pharmaceutical use

This class excludes:

- *packaging of pharmaceuticals for own account, see 5139, 5231*
- *packaging of pharmaceuticals on a fee or contract basis, see 7495*

Detailed structure and explanatory notes

ISIC Rev.3.1 code 3311

[Profile](#) [Structure](#) [Notes](#)

Hierarchy

- Section: [D](#) - Manufacturing
- Division: [33](#) - Manufacture of medical, precision and optical instruments, watches and clocks
- Group: [331](#) - Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments
- **Class: 3311 - Manufacture of medical and surgical equipment and orthopaedic appliances**

Explanatory note

This class includes:

- manufacture of instruments and appliances used for medical, surgical, dental or veterinary purposes:
 - o electro-diagnostic apparatus such as electrocardiographs, ultrasonic diagnostic equipment, scintillation scanners, nuclear magnetic resonance apparatus, dental drill engines, sterilizers, ophthalmic instruments
- manufacture of syringes, needles used in medicine
- manufacture of mirrors, reflectors, endoscopes, etc.
- manufacture of apparatus based on the use of X-rays or alpha, beta or gamma radiation, whether or not for use in human or animal medicine:
 - o X-ray tubes, high-tension generators, control panels, desks, screens, etc.
- manufacture of medical, surgical, dental or veterinary furniture:
 - o operating tables, hospital beds with mechanical fittings, dentists' chairs, barbers' chairs
- manufacture of mechano-therapy appliances, massage apparatus, psychological testing apparatus, ozone therapy, oxygen therapy, artificial respiration apparatus, gas masks, etc.

This class also includes:

- manufacture of orthopaedic appliances:
 - o crutches, surgical belts and trusses, splints, artificial teeth, artificial limbs and other artificial parts of the body, hearing aids, pacemakers, orthopedic shoes etc.

This class excludes:

- *manufacture of surgical dressings, medicated wadding, fracture bandages etc., see 2423*
- *manufacture of cement used in dentistry, see 2423*
- *manufacture of thermometers, see 3312*
- *manufacture of corrective spectacle lenses and of their frames or of optical microscopes, see 3320*
- *denture fitting by dentists or spectacles fitting by optometrists, see 8512, 8519*

[Click here for complete correspondences for this code](#)

Source: <http://unstats.un.org/unsd/cr/registry/default.asp>

Statistical Annex A.1:

Regional and Country Tables with variables used in the estimations of the indicators of trade in health related goods and services: *Pharmaceutical, medicinal chemical and botanical products* (ISIC Rev. 3: 2423) and of *Medical and surgical equipment and orthopedic appliances* (ISIC Rev 3: 3311)

Tables of Statistics on International Trade in Health Related Goods/Commodities

Table A.1: Data availability: Export and import of Pharmaceutical, medicinal chemical and botanical products and of Medical and surgical equipment and orthopedic appliances (3311)

Table A.2a: Export item 2423 (in US\$ thousands)

Table A.2b: Export item 3311 (in US\$ thousands)

Table 3a: Import item 2423 (in US\$ thousands)

Table 3b: Import item 3311 (in US\$ thousands)

Table 3c: Health-trade balance in US\$ (thousands)

Table 4a: Total exports (in US\$ thousands)

Table 4b: Total imports (in US\$ thousands)

Table 5: GDP (in US\$ millions)

Table 6a: International Trade of Health goods (in US\$ thousands)

Table 6b: International Trade of Health goods (in US\$ thousands)

Table 6c: International Trade of Health goods (in US\$ thousands)

Table 6d: International Trade of Health goods (in US\$ thousands)

Table 6e: International Trade of Health goods (in US\$ thousands)

Table 6f: International Trade of Health goods (in US\$ thousands)

Table 6g: International Trade of Health good (in US\$ thousands)

Table 7: Averages of health-related exports and imports; 1994-1995; 1997; 1998-2000

Table 8: LAC average of health-related exports and imports on total exports and imports

Table 9: Population (in millions)

Table 10: Health export and import per capita (in US\$)

Table 11a: Argentina (exports by item, countries of destination)

Table 11b: Brazil (exports by item, countries of destination)

Table 11c: Costa Rica (exports by item, countries of destination)

Table 11d: Mexico (exports by item, countries of destination)

Table 11e: United States (exports by item, countries of destination)

Table A.1: Data availability^{1/}: Export and import of Pharmaceutical, medicinal chemical and botanical products (2423) and of Medical and surgical equipment and orthopedic appliances (3311)

	1994	1995	1996	1997	1998	1999	2000
Argentina	X	X	X	X	X	X	X
Bahamas				X			
Barbados	X	X	X	X			
Belize	X	X	X	X			
Bolivia	X	X	X	X	X	X	X
Brasil	X	X	X	X	X	X	X
Canada ^{2/}	X	X	X	X	X	X	X
Chile	X	X	X	X	X	X	X
Colombia	X	X	X	X	X	X	X
Costa Rica	X	X	X	X	X	X	X
Dominica	X	X	X	X			
Ecuador	X	X	X	X	X	X	X
El Salvador	X	X	X	X	X	X	X
Grenada	X	X	X	X	X		
Guatemala	X	X	X	X	X	X	X
Honduras	X	X	X	X	X	X	X
Jamaica	X	X	X	X	X		
Mexico	X	X	X	X	X	X	X
Nicaragua	X	X	X	X	X	X	X
Panama		X	X	X	X	X	
Paraguay	X	X	X	X	X	X	X
Peru	X	X	X	X	X	X	X
Saint Kitts	X	X	X	X			
Saint Lucia	X	X	X	X	X		
Saint Vincent	X	X	X	X			
Trinidad	X	X	X	X	X		
Uruguay	X	X	X	X	X	X	X
USA	X	X	X	X	X	X	X
Venezuela	X	X	X	X	X	X	X

1/ Database Data Intl 3.1 (2002)

2/ Canada presents only complete import data, but export data only for 1994-1995.

Table A.2a: Exports: Pharmaceutical, medicinal chemical and botanical products (2423) – (in thousands of US\$ dollars)

	1994	1995	1996	1997	1998	1999	2000
Argentina	129,821	160,876	223,505	290,283	328,586	348,840	325,689
Bahamas				60			
Barbados	5,319	7,063	8,058	11,222			
Belice	144	48	55	67			
Bolivia	533	491	1,202	1,141	1,043	1,246	2,252
Brasil	251,375	300,621	334,144	380,278	402,210	420,202	406,586
Canada	495,319	589,993					
Chile	22,279	26,497	28,287	36,730	38,584	34,548	39,331
Colombia	69,448	104,486	135,380	187,183	206,174	191,380	218,241
Costa Rica	52,938	57,489	74,396	87,267	122,682	92,207	139,576
Dominica	9	5	2	2			
Ecuador	13,546	23,985	24,152	26,233	29,346	31,130	29,453
El Salvador	34,502	46,006	55,574	53,458	58,741	53,771	58,259
Grenada	0	1	3	2	5		
Guatemala	64,993	75,093	75,725	69,118	85,543	85,207	85,373
Honduras	671	1,388	886	900	1,630	2,362	3,200
Jamaica	2,273	1,066	2,483	2,911	2,832		
Mexico	362,065	474,553	626,835	716,104	778,825	846,936	940,225
Nicaragua	1,449	1,159	1,067	1,193	987	686	802
Panama		16,620	8,126	14,562	17,275	18,660	
Paraguay	3,709	3,003	4,856	3,769	4,470	3,925	5,369
Peru	19,672	34,575	59,896	55,010	45,298	36,909	36,274
Saint Kitts	13	4	8	13			
Saint Lucia	4	20	1	2	2		
Saint Vincent	0	52	7	1			
Trinidad	2,394	3,032	2,412	2,553	4,621		
Uruguay	17,112	26,719	25,304	26,036	32,114	29,519	35,414
USA	7,417,047	7,837,393	8,941,262	10,219,559	11,220,455	13,117,248	14,587,898
Venezuela	26,290	53,550	48,435	58,376	58,773	49,835	56,126
Total	8,992,925	9,845,788	10,682,061	12,244,033	13,440,196	15,364,611	16,970,068
Total LAC	1,080,559	1,418,402	1,740,799	2,024,474	2,219,741	2,247,363	2,382,170
Total LAC 1/	1,070,403	1,390,491	1,719,644	1,993,079	2,195,006	2,228,703	2,382,170
Total LAC 1/ 2/	1,017,465	1,333,002	1,645,248	1,905,812	2,072,324	2,136,496	2,242,594

1/ These numbers consider only those countries that have information available for 1994, 1997 and 2000.

2/ These averages do not consider Costa Rica.

**Table A.2b: Exports: Medical and surgical equipment and orthopedic appliances (3311) -
(in thousands of US\$ dollars)**

	1994	1995	1996	1997	1998	1999	2000
Argentina	12,919	20,810	19,355	20,244	23,097	14,328	15,973
Bahamas				315			
Barbados	54	321	225	112			
Belice	8	27	26	26			
Bolivia	10	0	15	3	0	619	844
Brasil	46,205	52,918	61,175	65,740	74,912	77,920	89,094
Canada	269,323	337,048					
Chile	1,548	1,263	2,388	2,390	3,199	2,290	2,888
Colombia	12,491	16,386	14,261	16,328	16,110	15,636	16,339
Costa Rica	129	195	253	302	71,891	94,547	184,823
Dominica	0	0	1	1			
Ecuador	21	243	140	28	387	185	140
El Salvador	1,683	759	2,422	1,151	377	795	609
Grenada	64	0	0	14	16		
Guatemala	152	257	266	406	250	414	752
Honduras	26	18	248	1,015	40	101	1,164
Jamaica	44	23	141	43	22		
Mexico	425,127	522,319	698,900	1,010,719	1,181,306	1,338,164	1,637,747
Nicaragua	3	57	10	16,428	87	69	78
Panama		0	0	2	0	0	
Paraguay	13	54	17	0	0	118	172
Peru	105	192	826	415	426	415	905
Saint Kitts							
Saint Lucia	158	36	0	10	0		
Saint Vincent	0	3	2	0			
Trinidad	68	49	11	38	259		
Uruguay	2,982	3,204	6,460	5,909	5,941	4,779	4,970
USA	8,639,751	9,677,878	11,009,842	12,058,427	12,514,003	13,395,075	13,835,593
Venezuela	3,824	1,246	1,780	2,169	1,045	744	1,027
Total	9,416,708	10,635,306	11,818,764	13,202,235	13,893,368	14,946,199	15,793,118
Total LAC	507,634	620,380	808,922	1,143,808	1,379,365	1,551,124	1,957,525
Total LAC 1/	507,238	619,921	808,516	1,143,247	1,379,068	1,551,124	1,957,525
Total LAC 1/ 2/	507,109	619,726	808,263	1,142,945	1,307,177	1,456,577	1,772,702

1/ These numbers consider only those countries that have information available for 1994, 1997 and 2000.

2/ These averages do not consider Costa Rica.

Table A.3a: Imports: Pharmaceutical, medicinal chemical and botanical products (2423) - (in thousands of US\$ dollars)

	1994	1995	1996	1997	1998	1999	2000
Argentina	599,716	629,968	768,246	855,850	977,289	976,950	929,396
Bahamas				7,614			
Barbados	17,564	19,611	21,457	23,782			
Belize	4,109	3,974	4,266	4,558			
Bolivia	25,380	31,178	30,559	29,360	28,906	32,981	33,850
Brasil	1,076,734	1,370,574	1,712,819	1,914,872	2,046,747	2,344,307	2,194,991
Canada	1,606,634	1,807,562	2,204,075	2,601,452	3,057,593	3,675,765	4,156,804
Chile	158,260	206,926	240,336	261,759	282,219	298,309	307,642
Colombia	256,491	330,840	397,267	470,369	566,800	461,621	513,251
Costa Rica	102,497	106,615	120,771	114,064	156,654	182,040	236,692
Dominica	1,066	1,184	1,303	1,572			
Ecuador	120,490	175,146	188,988	226,620	247,923	161,808	213,256
El Salvador	100,182	119,720	114,280	119,877	98,420	101,910	156,735
Grenada	2,190	2,430	2,406	2,760	2,883		
Guatemala	98,593	113,830	114,033	132,835	172,514	185,263	194,383
Honduras	62,517	75,655	73,399	77,421	102,005	113,882	128,142
Jamaica	30,341	39,444	43,372	57,543	60,813		
Mexico	837,279	740,785	871,069	1,094,866	1,348,090	1,528,914	1,731,563
Nicaragua	51,240	53,626	75,338	75,940	80,502	106,182	99,133
Panama		96,673	105,390	114,689	111,539	126,908	
Paraguay	57,617	50,373	57,579	58,558	58,881	45,242	57,491
Peru	113,793	176,154	162,721	185,326	194,071	213,782	212,562
Saint Kitts							
Saint Lucia	2,758	3,010	3,649	3,628	3,703		
Saint Vincent	1,739	1,687	1,730	1,772			
Trinidad	32,613	30,252	34,535	35,470	38,483		
Uruguay	70,321	89,828	104,923	121,695	130,528	146,221	133,942
USA	6,467,138	7,671,556	9,665,326	11,691,378	14,112,774	16,674,906	18,139,190
Venezuela	177,547	253,270	228,897	296,819	342,848	376,775	533,472
Total	12,074,809	14,201,871	17,348,734	20,582,449	24,222,185	27,753,766	29,972,495
Total LAC	4,001,037	4,722,753	5,479,333	6,289,619	7,051,818	7,403,095	7,676,501
Total LAC 1/	3,908,657	4,524,488	5,261,225	6,036,231	6,834,397	7,276,187	7,676,501
Total LAC 1/ 2/	3,806,160	4,417,873	5,140,454	5,922,167	6,677,743	7,094,147	7,439,809

1/ These numbers consider only those countries that have information available for 1994, 1997 and 2000.

2/ These averages do not consider Costa Rica.

**Table A.3b: Imports: Medical and surgical equipment and orthopedic appliances (3311) -
(in thousands of US\$ dollars)**

	1994	1995	1996	1997	1998	1999	2000
Argentina	224,808	161,317	175,541	234,880	245,058	228,258	252,044
Bahamas				1,188			
Barbados	2,277	1,916	2,191	3,260			
Belice	1,196	1,518	963	408			
Bolivia	5,609	5,575	12,425	7,521	8,172	8,275	17,873
Brasil	312,632	453,389	616,829	622,125	683,820	487,895	490,601
Canada	1,350,294	1,400,295	1,323,544	1,264,831	1,457,554	1,667,149	1,692,508
Chile	89,731	105,932	103,532	104,866	115,923	112,121	105,786
Colombia	112,158	134,299	149,675	172,793	194,312	106,802	121,047
Costa Rica	25,422	25,991	28,491	41,092	38,993	47,237	56,043
Dominica	33	164	294	353			
Ecuador	21,760	22,667	26,304	21,252	42,356	15,463	21,203
El Salvador	20,434	18,902	19,189	15,643	21,152	17,901	34,424
Grenada	126	605	252	460	505		
Guatemala	10,415	13,662	12,259	15,758	19,255	21,330	21,963
Honduras	4,107	4,320	5,827	16,079	14,125	18,927	23,994
Jamaica	3,613	6,348	4,790	7,713	8,877		
Mexico	465,033	303,256	351,346	439,252	506,735	713,545	876,434
Nicaragua	7,017	13,262	13,423	27,561	17,168	18,948	13,241
Panama		23,819	24,080	24,303	28,757	31,302	
Paraguay	8,894	8,902	14,413	16,635	13,227	26,848	12,827
Peru	30,376	55,061	48,823	49,008	49,203	52,058	49,343
Saint Kitts	68	673	414	155			
Saint Lucia	486	274	485	626	704		
Saint Vincent	84	1,169	677	186			
Trinidad	5,651	3,035	3,157	4,934	4,398		
Uruguay	23,746	28,689	22,765	34,251	38,470	33,003	31,327
USA	4,602,308	5,115,296	5,494,257	6,044,365	7,103,274	8,106,090	9,341,237
Venezuela	42,198	64,831	38,639	53,991	69,792	80,976	97,454
Total	7,370,476	7,975,167	8,494,585	9,225,489	10,681,830	11,794,128	13,259,349
Total LAC	1,417,874	1,459,576	1,676,784	1,916,293	2,121,002	2,020,889	2,225,604
Total LAC 1/	1,404,340	1,420,055	1,639,481	1,872,707	2,077,761	1,989,587	2,225,604
Total LAC 1/ 2/	1,378,918	1,394,064	1,610,990	1,831,615	2,038,768	1,942,350	2,169,561

1/ These numbers consider only those countries that have information available for 1994, 1997 and 2000.

2/ These averages do not consider Costa Rica.

Source: Data Intal 3.1 (2002)

Table A.3c: Health Related Products trade balance* - (in thousands of US\$ dollars)

	1994	1995	1996	1997	1998	1999	2000
Argentina	-681,784	-609,599	-700,927	-780,203	-870,664	-842,040	-839,778
Bahamas				-8,427			
Barbados	-14,468	-14,143	-15,365	-15,708			
Belize	-5,153	-5,417	-5,148	-4,873			
Bolivia	-30,446	-36,262	-41,767	-35,737	-36,035	-39,391	-48,627
Brasil	-1,091,786	-1,470,424	-1,934,329	-2,090,979	-2,253,445	-2,334,080	-2,189,912
Canada	-2,192,286	-2,280,816					
Chile	-224,164	-285,098	-313,193	-327,505	-356,359	-373,592	-371,209
Colombia	-286,710	-344,267	-397,301	-439,651	-538,828	-361,407	-399,718
Costa Rica	-74,852	-74,922	-74,613	-67,587	-1,074	-42,523	31,664
Dominica	-1,090	-1,343	-1,594	-1,922			
Ecuador	-128,683	-173,585	-191,000	-221,611	-260,546	-145,956	-204,866
El Salvador	-84,431	-91,857	-75,473	-80,911	-60,454	-65,245	-132,291
Grenada	-2,252	-3,034	-2,655	-3,204	-3,367		
Guatemala	-43,863	-52,142	-50,301	-79,069	-105,976	-120,972	-130,221
Honduras	-65,927	-78,569	-78,092	-91,585	-114,460	-130,346	-147,772
Jamaica	-31,637	-44,703	-45,538	-62,302	-66,836		
Mexico	-515,120	-47,169	103,320	192,705	105,306	-57,359	-30,025
Nicaragua	-56,805	-65,672	-87,684	-85,880	-96,596	-124,375	-111,494
Panama	0	-103,872	-121,344	-124,428	-123,021	-139,550	0
Paraguay	-62,789	-56,218	-67,119	-71,424	-67,638	-68,047	-64,777
Peru	-124,392	-196,448	-150,822	-178,909	-197,550	-228,516	-224,726
Saint Kitts	-55	-669	-406	-142			
Saint Lucia	-3,082	-3,228	-4,133	-4,242	-4,405		
Saint Vincent	-1,823	-2,801	-2,398	-1,957			
Trinidad	-35,802	-30,206	-35,269	-37,813	-38,001		
Uruguay	-73,973	-88,594	-95,924	-124,001	-130,943	-144,926	-124,885
USA	4,987,352	4,728,419	4,791,521	4,542,243	2,518,410	1,731,327	943,064
Venezuela	-189,631	-263,305	-217,321	-290,265	-352,822	-407,172	-573,773
Total	-1,035,652	-1,695,944	185,125	-495,387	-3,055,304	-3,894,170	-4,619,346
Total LAC	-3,830,718	-4,143,547	-4,606,396	-5,037,630	-5,573,714	-5,625,497	-5,562,410
Total LAC 1/	-3,735,356	-3,934,131	-4,372,546	-4,772,612	-5,338,084	-5,485,947	-5,562,410
Total LAC 1/ 2/	-3,660,504	-3,859,209	-4,297,933	-4,705,025	-5,337,010	-5,443,424	-5,594,074

* Total Exports less total imports of health related products (2423 and 3311).

1/ These numbers consider only those countries that have information available for 1994, 1997 and 2000.

2/ These averages do not consider Costa Rica.

Table 4a: TOTAL EXPORTS - (in thousands of US\$ dollars)

	1994	1995	1996	1997	1998	1999	2000
Argentina	15,838,826	20,961,990	23,810,418	25,510,760	26,440,457	23,332,059	26,408,566
Bahamas				66,656			
Barbados	179,984	238,588	280,309	280,819			
Belize	142,886		161,658	175,079			
Bolivia	1,031,712	1,126,546	1,295,310	1,272,004	1,110,036	1,401,826	1,456,592
Brasil	43,555,390	46,503,425	47,745,407	52,984,731	51,118,692	48,010,332	55,078,539
Canada	166,990,000	193,373,000	205,443,000	217,739,000	217,406,000	242,820,000	281,148,000
Chile	11,645,356	16,448,162	15,406,481	17,017,764	14,763,493	15,633,005	18,152,308
Colombia	8,407,817	9,758,588	10,540,766	11,489,008	10,789,684	11,549,089	13,114,383
Costa Rica	2,217,526	2,769,901	3,125,619	2,839,196	4,947,055	6,282,826	5,486,608
Dominica	47,082		51,101	51,930			
Ecuador	3,724,956	4,361,202	4,897,751	5,264,300	4,202,993	4,207,388	4,821,773
El Salvador	817,750	1,004,345	1,123,387	1,359,360	1,257,036	1,164,083	1,341,270
Grenada	23,171	21,579	19,634	25,745	29,476		
Guatemala	1,502,445	1,923,054	2,030,524	2,343,917	2,581,509	2,457,999	2,699,038
Honduras	617,512	655,839	838,621	1,033,232	974,148	760,972	1,077,531
Jamaica	1,219,506	1,436,655	1,386,774	1,377,339	1,307,982		
Mexico	61,976,465	79,777,178	95,454,075	110,236,815	117,459,557	136,702,394	166,422,911
Nicaragua	353,952	510,866	660,134	666,576	552,800	509,109	629,301
Panama		577,049	522,636	658,059	705,426	707,118	
Paraguay	816,239	819,630	1,043,462	1,142,810	1,014,135	740,805	870,922
Peru	4,361,165	5,441,152	5,834,750	6,743,464	5,639,237	5,972,354	6,793,272
Saint Kitts	22,211	18,722	29,338	40,743			
Saint Lucia	94,757	108,888	78,961	60,792	53,390		
Saint Vincent	50,323	44,467	45,779	45,727			
Trinidad	2,248,311	2,536,607	2,568,609	2,569,000	2,321,460		
Uruguay	1,902,631	2,116,452	2,398,516	2,703,516	2,749,563	2,236,787	2,295,341
USA	512,244,520	584,859,428	622,831,153	689,183,680	682,141,009	695,800,406	690,570,013
Venezuela	16,717,260	17,571,125	23,118,781	22,886,099	17,000,418	20,076,323	31,150,260
Total	858,749,753	994,964,438	1,072,742,954	1,177,768,121	1,166,565,556	1,220,364,875	1,309,516,628
Total LAC	179,515,233	216,732,010	244,468,801	270,845,441	267,018,547	281,744,469	337,798,615
Total LAC 1/	175,487,002	211,749,455	239,324,002	265,493,552	262,600,813	281,037,351	337,798,615
Total LAC 1/ 2/	173,269,476	208,979,554	236,198,383	262,654,356	257,653,758	274,754,525	332,312,007

1/ These numbers consider only those countries that have information available for 1994, 1997 and 2000.

2/ These averages do not consider Costa Rica.

Table 4b: TOTAL IMPORTS - (in thousands of US\$ dollars)

	1994	1995	1996	1997	1998	1999	2000
Argentina	21,587,346	20,067,446	23,760,546	30,220,129	31,402,010	25,506,695	25,241,524
Bahamas				596,711			
Barbados	614,679	770,031	830,246	988,728			
Belize	259,635	258,165	270,308	283,896			
Bolivia	1,181,858	1,420,747	1,642,763	1,891,627	1,983,716	1,853,968	1,848,281
Brasil	35,539,507	49,581,595	53,284,167	61,357,712	57,713,602	49,209,470	55,776,882
Canada	152,155,000	167,517,000	174,352,000	188,151,089	203,702,618	213,462,946	238,022,291
Chile	11,147,959	15,049,249	16,809,412	18,110,971	17,086,998	13,868,352	16,830,738
Colombia	11,854,899	13,862,024	14,327,033	15,477,776	14,677,082	10,658,207	11,480,509
Costa Rica	3,030,088	3,204,891	3,478,122	3,734,935	6,237,155	5,986,903	6,029,617
Dominica	95,919		129,513	133,219			
Ecuador	3,552,485	4,190,653	3,916,199	4,951,953	5,574,862	2,814,253	3,567,687
El Salvador	2,251,241	2,859,034	2,683,808	2,973,048	3,109,384	3,129,446	3,794,986
Grenada	117,930	127,728	150,027	166,228	198,367		
Guatemala	2,647,193	3,292,103	3,145,764	3,851,466	4,650,347	4,553,844	4,884,471
Honduras	1,452,546	1,722,663	1,916,817	2,435,546	2,570,183	2,653,867	2,914,437
Jamaica	2,233,556	2,831,345	2,915,911	3,093,050	2,966,408		
Mexico	80,178,677	72,440,435	88,165,131	109,808,200	125,373,059	142,061,677	174,470,609
Nicaragua	842,534	1,008,136	1,075,545	1,469,197	1,533,471	1,722,457	1,720,086
Panama		2,504,952	2,779,146	2,991,757	3,397,584	3,514,985	
Paraguay	2,138,422	2,796,414	2,850,051	3,098,829	2,470,251	1,724,422	2,049,700
Peru	5,601,570	7,579,891	7,774,282	8,365,744	7,427,117	6,530,054	7,399,692
Saint Kitts	126,550	131,773	137,907	145,841			
Saint Lucia	301,055	305,491	310,898	329,500	325,439		

Table 4b: TOTAL IMPORTS - (in thousands of US\$ dollars)

	1994	1995	1996	1997	1998	1999	2000
Saint Vincent	129,571	133,972	157,226	170,581			
Trinidad	1,330,432	1,994,081	2,204,025	3,058,914	3,015,112		
Uruguay	2,591,034	2,865,515	3,321,922	3,714,490	3,807,191	3,355,594	3,464,804
USA	682,852,301	743,444,279	795,289,581	870,670,840	911,895,979	1,024,617,993	1,152,194,949
Venezuela	8,399,660	11,249,169	9,303,801	13,283,792	14,349,983	13,318,584	15,262,171
Total	1,034,213,647	1,133,208,782	1,216,982,151	1,355,525,769	1,425,467,918	1,530,543,717	1,726,953,434
Total LAC	199,206,346	222,247,503	247,340,570	296,703,840	309,869,321	292,462,778	336,736,194
Total LAC 1/	193,997,019	213,189,965	237,455,363	284,745,415	299,966,411	288,947,793	336,736,194
Total LAC 1/2	190,966,931	209,985,074	233,977,241	281,010,480	293,729,256	282,960,890	330,706,577

1/ These numbers consider only those countries that have information available for 1994, 1997 and 2000.

2/ These averages do not consider Costa Rica.

Source: Data Intl 3.1 (2002)

Table A.5: Gross Domestic Product, (in US\$ millions)

	1994	1995	1996	1997	1998	1999	2000
Argentina	257,695	258,097	272,243	293,006	298,280	282,769	284,960
Bahamas	3,265	3,357	3,545	3,670	3,870	3,870	3,870
Barbados	1,727	1,854	1,985	2,173	2,327	2,490	2,510
Belice	552	585	604	611	588	703	737
Bolivia	5,886	6,716	7,397	7,967	8,571	8,304	8,290
Brasil	564,818	703,913	775,012	801,587	775,034	529,476	595,412
Canada	562,031	588,126	611,597	631,193	603,775	656,431	711,070
Chile	50,931	65,208	68,579	77,084	72,949	67,658	70,546
Colombia	68,631	80,862	86,355	96,410	91,582	84,865	81,272
Costa Rica	8,313	9,074	9,142	9,757	13,885	15,206	16,780
Dominica	215	223	234	238	247	n.a.	n.a.
Ecuador	16,556	17,937	19,038	19,768	19,719	13,689	13,607
El Salvador	8,085	9,493	10,308	11,202	11,863	12,460	13,209
Grenada	263	239	295	315	351	378	389
Guatemala	12,966	14,782	15,783	17,797	19,008	17,417	19,050
Honduras	3,406	3,976	4,061	4,722	5,371	5,424	5,932
Jamaica	4,001	4,764	5,484	6,230	6,871	7,374	7,513
Mexico	420,788	286,167	329,410	401,459	414,973	479,945	574,512
Nicaragua	1,832	1,887	1,973	2,023	2,068	2,212	2,398
Panama	7,734	7,906	8,151	8,700	9,220	9,557	9,695
Paraguay	7,826	9,026	9,446	9,555	8,505	7,741	7,490
Peru	50,302	53,635	55,814	59,032	56,831	51,642	53,512
Saint Kitts	222	230	247	256	274	301	321
Saint Lucia	516	548	566	570	607	674	701
Saint Vincent	242	262	274	278	300	n.a.	n.a.
Trinidad	4,947	5,309	5,801	5,867	6,272	n.a.	n.a.
Uruguay	16,250	18,102	19,124	19,961	20,831	20,913	19,715
USA	6,935,700	7,265,400	7,661,600	8,110,900	8,510,700	9,299,200	9,963,100
Venezuela	58,128	77,875	70,650	88,434	95,023	103,404	120,484
Total	9,073,830	9,495,554	10,054,717	10,690,765	11,059,893	11,684,102	12,587,074
Total LAC	1,576,099	1,642,028	1,781,520	1,948,671	1,945,418	1,728,471	1,912,904
Total LAC 1/	1,552,415	1,616,750	1,754,334	1,919,764	1,914,492	1,703,124	1,887,168
Total LAC 1/ 2/	1,544,101	1,607,676	1,745,192	1,910,007	1,900,608	1,687,919	1,870,388

1/ These numbers consider only those countries that have health trade statistics for 1994, 1997 and 2000.

2/ These averages do not consider Costa Rica.

Source: LAC Health accounts, and International Finance Statistics (IMF, 2002)

Table A.6a: International Trade of Health related goods/commodities (in US\$ thousands) - 1994

	LYA	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M	
1	Argentina	2000	129,821	12,919	599,716	224,808	15,838,826	21,587,346	0.9%	3.8%
2	Bahamas	1997								
3	Barbados	1997	5,319	54	17,564	2,277	179,984	614,679	3.0%	3.2%
4	Belice	1997	144	8	4,109	1,196	142,886	259,635	0.1%	2.0%
5	Bolivia	2000	533	10	25,380	5,609	1,031,712	1,181,858	0.1%	2.6%
6	Brasil	2000	251,375	46,205	1,076,734	312,632	43,555,390	35,539,507	0.7%	3.9%
7	Canada	2000	495,319	269,323	1,606,634	1,350,294	166,990,000	152,155,000	0.5%	1.9%
8	Chile	2000	22,279	1,548	158,260	89,731	11,645,356	11,147,959	0.2%	2.2%
9	Colombia	2000	69,448	12,491	256,491	112,158	8,407,817	11,854,899	1.0%	3.1%
10	Costa Rica	2000	52,938	129	102,497	25,422	2,217,526	3,030,088	2.4%	4.2%
11	Dominica	1997	9	0	1,066	33	47,082	95,919	0.0%	1.1%
12	Ecuador	2000	13,546	21	120,490	21,760	3,724,956	3,552,485	0.4%	4.0%
13	El Salvador	2000	34,502	1,683	100,182	20,434	817,750	2,251,241	4.4%	5.4%
14	Grenada	1998	0	64	2,190	126	23,171	117,930	0.3%	2.0%
15	Guatemala	2000	64,993	152	98,593	10,415	1,502,445	2,647,193	4.3%	4.1%
16	Honduras	2000	671	26	62,517	4,107	617,512	1,452,546	0.1%	4.6%
17	Jamaica	1998	2,273	44	30,341	3,613	1,219,506	2,233,556	0.2%	1.5%
18	Mexico	2000	362,065	425,127	837,279	465,033	61,976,465	80,178,677	1.3%	1.6%
19	Nicaragua	2000	1,449	3	51,240	7,017	353,952	842,534	0.4%	6.9%
20	Panama	1999								
21	Paraguay	2000	3,709	13	57,617	8,894	816,239	2,138,422	0.5%	3.1%
22	Peru	2000	19,672	105	113,793	30,376	4,361,165	5,601,570	0.5%	2.6%
23	Saint Kitts	1997	13	0	0	68	22,211	126,550	0.1%	0.1%
24	Saint Lucia	1998	4	158	2,758	486	94,757	301,055	0.2%	1.1%
25	Saint Vincent	1997	0	0	1,739	84	50,323	129,571	0.0%	1.4%
26	Trinidad	1998	2,394	68	32,613	5,651	2,248,311	1,330,432	0.1%	2.9%
27	Uruguay	2000	17,112	2,982	70,321	23,746	1,902,631	2,591,034	1.1%	3.6%
28	USA	2000	7,417,047	8,639,751	6,467,138	4,602,308	512,244,520	682,852,301	3.1%	1.6%
29	Venezuela	2000	26,290	3,824	177,547	42,198	16,717,260	8,399,660	0.2%	2.6%
	Total		8,992,925	9,416,708	12,074,809	7,370,476	858,749,753	1,034,213,647	2.1%	1.9%
	Total LAC		1,080,559	507,634	4,001,037	1,417,874	179,515,233	199,206,346	0.9%	2.7%

Note: The averages of "Total" and "Total LAC" and under Health X/Total X or Health M/Total M, for every year, are weighted.

1/ Total Pharmaceutical, medicinal chemical, and botanical products and Total of medical and surgical equipment and orthopedic appliances shows the total exports and imports of each country for every year.

Source: Data Intl 3.1 (2002)

Table A.6b: International Trade of Health related goods/commodities (in US\$ thousands) - 1995

	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M
1 Argentina	160,876	20,810	629,968	161,317	20,961,990	20,067,446	0.9%	3.9%
2 Bahamas								
3 Barbados	7,063	321	19,611	1,916	238,588	770,031	3.1%	2.8%
4 Belice	48	27	3,974	1,518		258,165		2.1%
5 Bolivia	491	0	31,178	5,575	1,126,546	1,420,747	0.0%	2.6%
6 Brasil	300,621	52,918	1,370,574	453,389	46,503,425	49,581,595	0.8%	3.7%
7 Canada	589,993	337,048	1,807,562	1,400,295	193,373,000	167,517,000	0.5%	1.9%
8 Chile	26,497	1,263	206,926	105,932	16,448,162	15,049,249	0.2%	2.1%
9 Colombia	104,486	16,386	330,840	134,299	9,758,588	13,862,024	1.2%	3.4%
10 Costa Rica	57,489	195	106,615	25,991	2,769,901	3,204,891	2.1%	4.1%
11 Dominica								
12 Ecuador	23,985	243	175,146	22,667	4,361,202	4,190,653	0.6%	4.7%
13 El Salvador	46,006	759	119,720	18,902	1,004,345	2,859,034	4.7%	4.8%
14 Grenada	1	0	2,430	605	21,579	127,728	0.0%	2.4%
15 Guatemala	75,093	257	113,830	13,662	1,923,054	3,292,103	3.9%	3.9%
16 Honduras	1,388	18	75,655	4,320	655,839	1,722,663	0.2%	4.6%
17 Jamaica	1,066	23	39,444	6,348	1,436,655	2,831,345	0.1%	1.6%
18 Mexico	474,553	522,319	740,785	303,256	79,777,178	72,440,435	1.2%	1.4%
19 Nicaragua	1,159	57	53,626	13,262	510,866	1,008,136	0.2%	6.6%
20 Panama	16,620	0	96,673	23,819	577,049	2,504,952	2.9%	4.8%
21 Paraguay	3,003	54	50,373	8,902	819,630	2,796,414	0.4%	2.1%
22 Peru	34,575	192	176,154	55,061	5,441,152	7,579,891	0.6%	3.1%
23 Saint Kitts	4	0	0	673	18,722	131,773	0.0%	0.5%
24 Saint Lucia	20	36	3,010	274	108,888	305,491	0.1%	1.1%

Table A.6b: International Trade of Health related goods/commodities (in US\$ thousands) - 1995

	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M
25 Saint Vincent	52	3	1,687	1,169	44,467	133,972	0.1%	2.1%
26 Trinidad	3,032	49	30,252	3,035	2,536,607	1,994,081	0.1%	1.7%
27 Uruguay	26,719	3,204	89,828	28,689	2,116,452	2,865,515	1.4%	4.1%
28 USA	7,837,393	9,677,878	7,671,556	5,115,296	584,859,428	743,444,279	3.0%	1.7%
29 Venezuela	53,550	1,246	253,270	64,831	17,571,125	11,249,169	0.3%	2.8%
Total	9,845,783	10,635,306	14,200,687	7,975,003	994,964,438	1,133,208,782	2.1%	2.0%
Total LAC	1,418,397	620,380	4,721,569	1,459,412	216,732,010	222,247,503	0.9%	2.8%

Note: The averages of "Total" and "Total LAC" and under Health X/Total X or Health M/Total M, for every year, are weighted.

1/ Total Pharmaceutical, medicinal chemical, and botanical products and Total of medical and surgical equipment and orthopedic appliances shows the total exports and imports of each country for every year.

Source: Data Intl 3.1 (2002)

Table A.6c: International Trade of Health related goods/commodities (in US\$ thousands) - 1996

	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M
1 Argentina	223,505	19,355	768,246	175,541	23,810,418	23,760,546	1.0%	4.0%
2 Bahamas								
3 Barbados	8,058	225	21,457	2,191	280,309	830,246	3.0%	2.8%
4 Belice	55	26	4,266	963	161,658	270,308	0.1%	1.9%
5 Bolivia	1,202	15	30,559	12,425	1,295,310	1,642,763	0.1%	2.6%
6 Brasil	334,144	61,175	1,712,819	616,829	47,745,407	53,284,167	0.8%	4.4%
7 Canada			2,204,075	1,323,544		174,352,000		2.0%
8 Chile	28,287	2,388	240,336	103,532	15,406,481	16,809,412	0.2%	2.0%
9 Colombia	135,380	14,261	397,267	149,675	10,540,766	14,327,033	1.4%	3.8%
10 Costa Rica	74,396	253	120,771	28,491	3,125,619	3,478,122	2.4%	4.3%
11 Dominica	2	1	1,303	294	51,101	129,513	0.0%	1.2%
12 Ecuador	24,152	140	188,988	26,304	4,897,751	3,916,199	0.5%	5.5%
13 El Salvador	55,574	2,422	114,280	19,189	1,123,387	2,683,808	5.2%	5.0%
14 Grenada	3	0	2,406	252	19,634	150,027	0.0%	1.8%
15 Guatemala	75,725	266	114,033	12,259	2,030,524	3,145,764	3.7%	4.0%
16 Honduras	886	248	73,399	5,827	838,621	1,916,817	0.1%	4.1%
17 Jamaica	2,483	141	43,372	4,790	1,386,774	2,915,911	0.2%	1.7%
18 Mexico	626,835	698,900	871,069	351,346	95,454,075	88,165,131	1.4%	1.4%
19 Nicaragua	1,067	10	75,338	13,423	660,134	1,075,545	0.2%	8.3%
20 Panama	8,126	0	105,390	24,080	522,636	2,779,146	1.6%	4.7%
21 Paraguay	4,856	17	57,579	14,413	1,043,462	2,850,051	0.5%	2.5%
22 Peru	59,896	826	162,721	48,823	5,834,750	7,774,282	1.0%	2.7%
23 Saint Kitts	8	0	0	414	29,338	137,907	0.0%	0.3%

Table A.6c: International Trade of Health related goods/commodities (in US\$ thousands) - 1996

	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M
24 Saint Lucia	1	0	3,649	485	78,961	310,898	0.0%	1.3%
25 Saint Vincent	7	2	1,730	677	45,779	157,226	0.0%	1.5%
26 Trinidad	2,412	11	34,535	3,157	2,568,609	2,204,025	0.1%	1.7%
27 Uruguay	25,304	6,460	104,923	22,765	2,398,516	3,321,922	1.3%	3.8%
28 USA	8,941,262	11,009,842	9,665,326	5,494,257	622,831,153	795,289,581	3.2%	1.9%
29 Venezuela	48,435	1,780	228,897	38,639	23,118,781	9,303,801	0.2%	2.9%
Total	10,682,061	11,818,764	17,348,734	8,494,585	867,299,954	1,216,982,151	2.6%	2.1%
Total LAC	1,740,799	808,922	5,479,333	1,676,784	244,468,801	247,340,570	1.0%	2.9%

Note: The averages of "Total" and "Total LAC" and under Health X/Total X or Health M/Total M, for every year, are weighted.

1/ Total Pharmaceutical, medicinal chemical, and botanical products and Total of medical and surgical equipment and orthopedic appliances shows the total exports and imports of each country for every year.

Source: Data Intal 3.1 (2002)

Table A.6d: International Trade of Health related goods/commodities (in US\$ thousands) - 1997

	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M
1 Argentina	290,283	20,244	855,850	234,880	25,510,760	30,220,129	1.2%	3.6%
2 Bahamas	60	315	7,614	1,188	66,656	596,711	0.6%	1.5%
3 Barbados	11,222	112	23,782	3,260	280,819	988,728	4.0%	2.7%
4 Belice	67	26	4,558	408	175,079	283,896	0.1%	1.7%
5 Bolivia	1,141	3	29,360	7,521	1,272,004	1,891,627	0.1%	1.9%
6 Brasil	380,278	65,740	1,914,872	622,125	52,984,731	61,357,712	0.8%	4.1%
7 Canada			2,601,452	1,264,831		188,151,089		2.1%
8 Chile	36,730	2,390	261,759	104,866	17,017,764	18,110,971	0.2%	2.0%
9 Colombia	187,183	16,328	470,369	172,793	11,489,008	15,477,776	1.8%	4.2%
10 Costa Rica	87,267	302	114,064	41,092	2,839,196	3,734,935	3.1%	4.2%
11 Dominica	2	1	1,572	353	51,930	133,219	0.0%	1.4%
12 Ecuador	26,233	28	226,620	21,252	5,264,300	4,951,953	0.5%	5.0%
13 El Salvador	53,458	1,151	119,877	15,643	1,359,360	2,973,048	4.0%	4.6%
14 Grenada	2	14	2,760	460	25,745	166,228	0.1%	1.9%
15 Guatemala	69,118	406	132,835	15,758	2,343,917	3,851,466	3.0%	3.9%
16 Honduras	900	1,015	77,421	16,079	1,033,232	2,435,546	0.2%	3.8%
17 Jamaica	2,911	43	57,543	7,713	1,377,339	3,093,050	0.2%	2.1%
18 Mexico	716,104	1,010,719	1,094,866	439,252	110,236,815	109,808,200	1.6%	1.4%
19 Nicaragua	1,193	16,428	75,940	27,561	666,576	1,469,197	2.6%	7.0%
20 Panama	14,562	2	114,689	24,303	658,059	2,991,757	2.2%	4.6%
21 Paraguay	3,769	0	58,558	16,635	1,142,810	3,098,829	0.3%	2.4%
22 Peru	55,010	415	185,326	49,008	6,743,464	8,365,744	0.8%	2.8%
23 Saint Kitts	13	0	0	155	40,743	145,841	0.0%	0.1%

Table A.6d: International Trade of Health related goods/commodities (in US\$ thousands) - 1997

	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M
24 Saint Lucia	2	10	3,628	626	60,792	329,500	0.0%	1.3%
25 Saint Vincent	1	0	1,772	186	45,727	170,581	0.0%	1.1%
26 Trinidad	2,553	38	35,470	4,934	2,569,000	3,058,914	0.1%	1.3%
27 Uruguay	26,036	5,909	121,695	34,251	2,703,516	3,714,490	1.2%	4.2%
28 USA	10,219,559	12,058,427	11,691,378	6,044,365	689,183,680	870,670,840	3.2%	2.0%
29 Venezuela	58,376	2,169	296,819	53,991	22,886,099	13,283,792	0.3%	2.6%
Total	12,244,033	13,202,235	20,582,449	9,225,489	960,029,121	1,355,525,769	2.7%	2.2%
Total LAC	2,024,474	1,143,808	6,289,619	1,916,293	270,845,441	296,703,840	1.2%	2.8%

Note: The averages of "Total" and "Total LAC" and under Health X/Total X or Health M/Total M, for every year, are weighted.

1/ Total Pharmaceutical, medicinal chemical, and botanical products and Total of medical and surgical equipment and orthopedic appliances shows the total exports and imports of each country for every year.

Source: Data Intl 3.1 (2002)

Table A.6e: International Trade of Health related goods/commodities (in US\$ thousands) - 1998

	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M
1 Argentina	328,586	23,097	977,289	245,058	26,440,457	31,402,010	1.3%	3.9%
2 Bahamas								
3 Barbados								
4 Belice								
5 Bolivia	1,043	0	28,906	8,172	1,110,036	1,983,716	0.1%	1.9%
6 Brasil	402,210	74,912	2,046,747	683,820	51,118,692	57,713,602	0.9%	4.7%
7 Canada			3,057,593	1,457,554		203,702,618		2.2%
8 Chile	38,584	3,199	282,219	115,923	14,763,493	17,086,998	0.3%	2.3%
9 Colombia	206,174	16,110	566,800	194,312	10,789,684	14,677,082	2.1%	5.2%
10 Costa Rica	122,682	71,891	156,654	38,993	4,947,055	6,237,155	3.9%	3.1%
11 Dominica								
12 Ecuador	29,346	387	247,923	42,356	4,202,993	5,574,862	0.7%	5.2%
13 El Salvador	58,741	377	98,420	21,152	1,257,036	3,109,384	4.7%	3.8%
14 Grenada	5	16	2,883	505	29,476	198,367	0.1%	1.7%
15 Guatemala	85,543	250	172,514	19,255	2,581,509	4,650,347	3.3%	4.1%
16 Honduras	1,630	40	102,005	14,125	974,148	2,570,183	0.2%	4.5%
17 Jamaica	2,832	22	60,813	8,877	1,307,982	2,966,408	0.2%	2.3%
18 Mexico	778,825	1,181,306	1,348,090	506,735	117,459,557	125,373,059	1.7%	1.5%
19 Nicaragua	987	87	80,502	17,168	552,800	1,533,471	0.2%	6.4%
20 Panama	17,275	0	111,539	28,757	705,426	3,397,584	2.4%	4.1%
21 Paraguay	4,470	0	58,881	13,227	1,014,135	2,470,251	0.4%	2.9%
22 Peru	45,298	426	194,071	49,203	5,639,237	7,427,117	0.8%	3.3%
23 Saint Kitts								
24 Saint Lucia	2	0	3,703	704	53,390	325,439	0.0%	1.4%

Table A.6e: International Trade of Health related goods/commodities (in US\$ thousands) - 1998

	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M
25 Saint Vincent								
26 Trinidad	4,621	259	38,483	4,398	2,321,460	3,015,112	0.2%	1.4%
27 Uruguay	32,114	5,941	130,528	38,470	2,749,563	3,807,191	1.4%	4.4%
28 USA	11,220,455	12,514,003	14,112,774	7,103,274	682,141,009	911,895,979	3.5%	2.3%
29 Venezuela	58,773	1,045	342,848	69,792	17,000,418	14,349,983	0.4%	2.9%
Total	13,440,196	13,893,368	24,222,185	10,681,830	949,159,556	1,425,467,918	2.9%	2.4%
Total LAC	2,219,741	1,379,365	7,051,818	2,121,002	267,018,547	309,869,321	1.3%	3.0%

Note: The averages of "Total" and "Total LAC" and under Health X/Total X or Health M/Total M, for every year, are weighted.

1/ Total Pharmaceutical, medicinal chemical, and botanical products and Total of medical and surgical equipment and orthopedic appliances shows the total exports and imports of each country for every year.

Source: Data Intal 3.1 (2002)

Table A.6g: International Trade of Health related goods/commodities (in US\$ thousands) - 2000

	X 2423	X 3311	M 2423	M 3311	Total X ^{1/}	Total M ^{1/}	Health X/Total X	Health M/Total M
25 Saint Vincent								
26 Trinidad								
27 Uruguay	35,414	4,970	133,942	31,327	2,295,341	3,464,804	1.8%	4.8%
28 USA	14,587,898	13,835,593	18,139,190	9,341,237	690,570,013	1,152,194,949	4.1%	2.4%
29 Venezuela	56,126	1,027	533,472	97,454	31,150,260	15,262,171	0.2%	4.1%
Total	16,970,068	15,793,118	29,972,495	13,259,349	1,309,516,628	1,726,953,434	2.5%	2.5%
Total LAC	2,382,170	1,957,525	7,676,501	2,225,604	337,798,615	336,736,194	1.3%	2.9%

Note: The averages of "Total" and "Total LAC" and under Health X/Total X or Health M/Total M, for every year, are weighted.

1/ Total Pharmaceutical, medicinal chemical, and botanical products and Total of medical and surgical equipment and orthopedic appliances shows the total exports and imports of each country for every year.

Source: Data Intal 3.1 (2002)

Table A.7: Averages

Country	Health related exports			Health related imports		
	94-95/GDP	97/GDP	98-00/GDP	94-95/GDP	97/GDP	98-00/GDP
1 Argentina	0.1%	0.1%	0.1%	0.3%	0.4%	0.4%
2 Bahamas		0.0%			0.2%	
3 Barbados	0.4%	0.5%		1.2%	1.2%	
4 Belice	0.0%	0.0%		0.9%	0.8%	
5 Bolivia	0.0%	0.0%	0.0%	0.5%	0.5%	0.5%
6 Brasil	0.1%	0.1%	0.1%	0.3%	0.3%	0.4%
7 Canada				0.5%	0.6%	0.8%
8 Chile	0.0%	0.1%	0.1%	0.5%	0.5%	0.6%
9 Colombia	0.1%	0.2%	0.3%	0.6%	0.7%	0.8%
10 Costa Rica	0.6%	0.9%	1.5%	1.5%	1.6%	1.6%
11 Dominica	0.0%	0.0%		0.3%	0.8%	
12 Ecuador	0.1%	0.1%	0.2%	1.0%	1.3%	1.5%
13 El Salvador	0.5%	0.5%	0.5%	1.5%	1.2%	1.1%
14 Grenada	0.0%	0.0%	0.0%	1.1%	1.0%	1.0%
15 Guatemala	0.5%	0.4%	0.5%	0.9%	0.8%	1.1%
16 Honduras	0.0%	0.0%	0.1%	2.0%	2.0%	2.4%
17 Jamaica	0.0%	0.0%	0.0%	0.9%	1.0%	1.0%
18 Mexico	0.3%	0.4%	0.5%	0.3%	0.4%	0.5%
19 Nicaragua	0.1%	0.9%	0.0%	3.4%	5.1%	5.0%
20 Panama	0.2%	0.2%	0.1%	1.5%	1.6%	1.1%
21 Paraguay	0.0%	0.0%	0.1%	0.8%	0.8%	0.9%
22 Peru	0.1%	0.1%	0.1%	0.4%	0.4%	0.5%
23 Saint Kitts	0.0%	0.0%		0.2%	0.1%	0.0%
24 Saint Lucia	0.0%	0.0%	0.0%	0.6%	0.7%	0.7%
25 Saint Vincent	0.0%	0.0%		0.9%	0.7%	
26 Trinidad	0.1%	0.0%		0.7%	0.7%	
27 Uruguay	0.1%	0.2%	0.2%	0.6%	0.8%	0.8%
28 USA	0.2%	0.3%	0.3%	0.2%	0.2%	0.3%
29 Venezuela	0.1%	0.1%	0.1%	0.4%	0.4%	0.5%
Weighted averages:						
Total	0.21%	0.24%	0.26%	0.22%	0.28%	0.33%
Total LAC	0.11%	0.16%	0.21%	0.36%	0.42%	0.51%
Total LAC 1/	0.11%	0.15%	0.21%	0.36%	0.41%	0.51%
Total LAC 1/ 2/	0.11%	0.16%	0.20%	0.35%	0.41%	0.50%
Unweighted averages:						
Total	0.14%	0.18%	0.22%	0.85%	0.93%	1.02%
Total LAC	0.14%	0.18%	0.21%	0.89%	0.96%	1.06%
Total LAC 1/	0.15%	0.23%	0.23%	0.86%	0.99%	1.07%
Total LAC 1/ 2/	0.12%	0.18%	0.15%	0.82%	0.96%	1.04%
Note: The average of "Total "and Total LAC" and under Health X/Total or Health M/Total M, for every year, are weighted.						
1/ These averages consider only those countries that have information available for 1994, 1997 and 2000.						
2/ Not including Costa Rica						
Source: Data Intl 3.1 (2002)						

Table A.8: LAC average		
	Health X/Total X	Health M/Total M
1994	0.88%	2.72%
1995	0.94%	2.78%
1997	1.17%	2.77%
1998	1.35%	2.96%
1999	1.35%	3.22%
2000	1.28%	2.94%

1995	6%	2%
1997	24%	-1%
1998	15%	7%
1999	0%	9%
2000	-5%	-9%

Total Healthy Exports and Healthy Imports include Pharmaceutical, medicinal chemical and botanical products and of Medical and surgical equipment and orthopedic appliances

Table A.9: Population (in millions)

	Country	1994	1997	2000
1	Argentina	34.32	35.67	37.03
2	Bahamas	0.27	0.29	0.3
3	Barbados	0.26	0.26	0.27
4	Belize	0.21	0.23	0.25
5	Bolivia	7.24	7.77	8.33
6	Brasil	153.73	159.64	167.72
7	Canada	29.4	29.99	30.75
8	Chile	13.99	14.62	15.21
9	Colombia	37.85	40.06	42.32
10	Costa Rica	3.27	3.46	3.82
11	Dominica	0.07	0.08	0.07
12	Ecuador	11.22	11.94	12.65
13	El Salvador	5.53	5.91	6.28
14	Grenada	0.06	0.06	0.1
15	Guatemala	9.72	10.52	11.39
16	Honduras	5.42	5.98	6.42
17	Jamaica	2.46	2.54	2.63
18	Mexico	89.56	94.27	97.36
19	Nicaragua	4.4	4.67	5.07
20	Panama	2.58	2.72	2.86
21	Paraguay	4.7	5.09	5.5
22	Peru	23.13	24.37	25.66
23	Saint Kitts	0.04	0.04	0.04
24	Saint Lucia	0.14	0.15	0.15
25	Saint Vincent	0.11	0.11	0.11
26	Trinidad	1.25	1.27	1.29
27	Uruguay	3.2	3.27	3.33
28	USA	260.6	268.01	281.42
29	Venezuela	21.38	22.78	24.17
Total		726.1	755.8	792.5
Total LAC		433.3	454.8	477.2
Total LAC 1/		428.7	450.0	472.3
Total LAC 1/ 2/		425.4	446.6	468.4

Source: International Finance Statistics (IMF, 2001)

2/ These averages do not consider Costa Rica, whose health-related exports increased sharply because of Abbot Laboratories and Merck Sharp & Dohme Corp.

Table A.10:		Health export per capita (US\$)			Health import per capita (US\$)		
		1994	1997	2000	1994	1997	2000
	Country						
1	Argentina	4.2	8.7	9.2	24.0	30.6	31.9
2	Bahamas		1.3			30.4	
3	Barbados	20.7	43.6		76.3	104.0	
4	Belice	0.7	0.4		25.3	21.6	
5	Bolivia	0.1	0.1	0.4	4.3	4.7	6.2
6	Brasil	1.9	2.8	3.0	9.0	15.9	16.0
7	Canada					128.9	190.2
8	Chile	1.7	2.7	2.8	17.7	25.1	27.2
9	Colombia	2.2	5.1	5.5	9.7	16.1	15.0
10	Costa Rica	16.2	25.3	84.9	39.1	44.8	76.6
11	Dominica	0.1	0.0		15.7	24.1	
12	Ecuador	1.2	2.2	2.3	12.7	20.8	18.5
13	El Salvador	6.5	9.2	9.4	21.8	22.9	30.4
14	Grenada	1.1	0.3		38.6	53.7	
15	Guatemala	6.7	6.6	7.6	11.2	14.1	19.0
16	Honduras	0.1	0.3	0.7	12.3	15.6	23.7
17	Jamaica	0.9	1.2		13.8	25.7	
18	Mexico	8.8	18.3	26.5	14.5	16.3	26.8
19	Nicaragua	0.3	3.8	0.2	13.2	22.2	22.2
20	Panama		5.4			51.1	
21	Paraguay	0.8	0.7	1.0	14.2	14.8	12.8
22	Peru	0.9	2.3	1.4	6.2	9.6	10.2
23	Saint Kitts	0.3	0.3		1.7	3.9	
24	Saint Lucia	1.2	0.1		23.2	28.4	
25	Saint Vincent	0.0	0.0		16.6	17.8	
26	Trinidad	2.0	2.0		30.6	31.8	
27	Uruguay	6.3	9.8	12.1	29.4	47.7	49.6
28	USA	61.6	83.1	101.0	42.5	66.2	97.6
29	Venezuela	1.4	2.7	2.4	10.3	15.4	26.1
Weighted averages:							
Total		25.4	27.1	28.4	26.8	29.3	32.6
Total LAC		3.7	4.5	5.3	12.5	13.6	15.0
Total LAC 1/		3.7	4.5	5.4	12.4	13.2	14.6
Total LAC 1/ 2/		3.6	4.4	5.2	12.2	13.0	14.4
Unweighted averages:							
Average of Americas		5.7	8.5	15.9	20.5	31.9	38.9
Average of LAC		3.5	5.7	10.6	19.7	27.0	25.8
Average of LAC 1/		3.7	6.3	10.6	15.6	21	25.8
Average of LAC 1/ 2/		2.9	5	5.6	14	19	22.4
1/ These averages consider only those countries that have information available for 1994, 1997 and 2000.							
2/ These averages do not consider Costa Rica, whose health-related exports increased sharply because of Abbott Laboratories and Merck Sharp & Dohme Corp.							

Table A.11a: ARGENTINA**Item 2423 - Exports**

Country	1994	1995	1996	1997	1998	1999	2000
BRAZIL	18.2%	21.0%	30.8%	32.8%	33.8%	31.0%	28.1%
URUGUAY	15.6%	15.2%	12.6%	12.5%	14.7%	14.4%	13.7%
CHILE	6.9%	9.0%	8.2%	8.9%	9.4%	11.4%	12.2%
PARAGUAY	11.5%	12.3%	10.0%	8.2%	8.3%	7.9%	8.2%
COLOMBIA	2.3%	2.8%	2.7%	3.0%	4.6%	4.7%	4.1%
MEXICO	4.3%	2.8%	2.5%	2.8%	3.4%	3.5%	3.9%
VENEZUELA	1.4%	1.7%	1.4%	1.1%	1.7%	2.5%	3.6%
PERU	2.6%	4.6%	2.9%	2.7%	4.2%	3.3%	3.6%
ECUADOR	1.7%	2.5%	2.2%	2.1%	2.8%	2.3%	2.8%
GERMANY	0.0%	0.0%	5.5%	3.5%	1.3%	3.0%	2.6%
Other countries	35.5%	28.0%	21.3%	22.4%	15.8%	16.1%	17.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 3311 - Exports

Country	1994	1995	1996	1997	1998	1999	2000
UNITED STATES	36.6%	58.1%	30.7%	23.9%	30.3%	30.1%	33.7%
URUGUAY	13.8%	5.2%	6.5%	7.6%	8.6%	10.1%	8.8%
PARAGUAY	3.7%	2.9%	6.3%	5.7%	5.6%	5.6%	7.8%
GERMANY	0.0%	0.0%	1.6%	13.6%	5.1%	5.7%	6.9%
BRAZIL	11.7%	12.0%	17.4%	10.8%	8.8%	4.9%	6.1%
CHILE	6.0%	3.0%	3.2%	2.8%	4.5%	5.2%	4.8%
PERU	2.9%	0.8%	0.7%	0.5%	0.6%	1.2%	3.1%
BOLIVIA	2.9%	2.0%	3.2%	2.5%	4.6%	1.9%	2.9%
MEXICO	3.9%	0.8%	1.5%	1.9%	1.4%	3.1%	2.5%
CUBA	4.4%	1.5%	1.2%	1.0%	0.5%	1.8%	2.4%
Other countries	14.2%	13.6%	27.6%	29.7%	30.1%	30.6%	21.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 2423= Manufacture of pharmaceuticals, medicinal chemicals and botanical products.

Item 3311= Manufacture of medical and surgical equipment and orthopedic appliances.

Table A.11b: BRASIL

Item 2423 - Exports							
Country	1994	1995	1996	1997	1998	1999	2000
ARGENTINA	9.3%	14.2%	16.6%	19.8%	22.6%	23.2%	21.0%
MEXICO	4.2%	2.7%	3.7%	4.9%	5.5%	6.7%	7.8%
GERMANY	0.0%	0.0%	7.6%	6.9%	6.8%	5.7%	6.4%
UNITED STATES	9.7%	6.3%	5.7%	6.2%	7.6%	6.3%	6.0%
JAPAN	10.1%	11.0%	10.1%	8.2%	7.2%	6.3%	5.7%
VENEZUELA	4.7%	5.3%	4.8%	4.3%	4.2%	4.9%	5.6%
COLOMBIA	2.8%	3.0%	3.1%	3.5%	3.9%	4.4%	5.1%
NETHERLANDS	1.7%	1.3%	2.9%	3.9%	4.2%	3.3%	4.2%
BELGIUM - LUXEMBURGO	0.0%	0.0%	3.9%	3.6%	3.0%	3.5%	4.1%
CHILE	2.9%	3.6%	3.5%	3.6%	4.2%	3.9%	3.8%
Other countries	54.6%	52.6%	38.2%	35.1%	30.9%	31.8%	30.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 3311 - Exports							
Country	1994	1995	1996	1997	1998	1999	2000
UNITED STATES	15.9%	11.2%	20.0%	15.6%	18.8%	21.7%	23.2%
GERMANY	0.0%	0.0%	8.5%	9.3%	12.5%	12.8%	12.7%
ARGENTINA	12.6%	10.1%	10.9%	12.4%	11.5%	13.6%	11.2%
BELGIUM - LUXEMBURGO	0.0%	0.0%	0.6%	1.0%	1.4%	6.1%	5.8%
MEXICO	5.8%	2.8%	2.0%	3.2%	5.9%	5.2%	5.4%
CHILE	4.9%	5.6%	6.1%	7.2%	8.2%	6.4%	5.1%
VENEZUELA	2.2%	3.7%	2.7%	3.8%	3.5%	2.6%	3.3%
NETHERLANDS	0.2%	0.5%	1.2%	4.0%	2.7%	1.2%	2.9%
COLOMBIA	2.7%	4.7%	2.3%	3.2%	2.8%	2.3%	2.4%
PERU	2.9%	3.8%	4.6%	3.4%	2.2%	2.1%	2.1%
Other countries	52.9%	57.5%	41.1%	36.9%	30.7%	25.9%	26.1%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 2423= Manufacture of pharmaceuticals, medicinal chemicals and botanical products.

Item 2423= Manufacture of pharmaceuticals, medicinal chemicals and botanical products.

Table A.11c: COSTA RICA

Item 2423 - Exports							
Country	1994	1995	1996	1997	1998	1999	2000
GUATEMALA	16.6%	16.7%	8.4%	7.7%	11.7%	16.5%	16.8%
PANAMA	19.5%	17.5%	12.9%	11.6%	12.5%	17.8%	15.3%
HONDURAS	8.7%	10.2%	7.6%	6.2%	8.0%	10.7%	11.5%
EL SALVADOR	10.6%	11.9%	6.5%	5.7%	8.1%	11.2%	10.3%
VENEZUELA	0.7%	0.8%	0.8%	1.3%	2.5%	4.0%	8.2%
NICARAGUA	8.9%	9.2%	6.4%	6.3%	4.5%	8.0%	7.1%
DOMINICAN REPUBLIC	3.7%	3.7%	2.1%	2.2%	1.9%	3.5%	5.5%
COLOMBIA	0.7%	0.2%	3.3%	3.9%	3.1%	4.6%	4.1%
PERU	7.6%	8.1%	5.7%	4.7%	3.7%	4.9%	3.5%
JAMAICA	1.5%	1.3%	1.3%	1.1%	1.2%	2.2%	2.4%
Other countries	21.6%	20.5%	44.9%	49.4%	42.8%	16.6%	15.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 3311 - Exports							
Country	1994	1995	1996	1997	1998	1999	2000
UNITED STATES	16.3%	9.2%	9.5%	24.5%	5.7%	4.2%	48.0%
PUERTO RICO	21.7%	0.0%	0.0%	0.0%	90.2%	84.1%	47.2%
KOREA REPUBLIC OF	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%
ITALY	0.0%	0.0%	0.0%	0.3%	0.1%	0.8%	0.5%
MALAYSIA	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%
MEXICO	0.0%	0.5%	0.8%	8.3%	0.2%	0.9%	0.3%
CANADA	0.0%	0.0%	0.0%	0.0%	0.5%	1.4%	0.3%
AUSTRALIA	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%
DOMINICAN REPUBLIC	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%
ROMANIA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Other countries	62.0%	90.3%	89.7%	66.9%	3.4%	7.9%	1.7%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 2423= Manufacture of pharmaceuticals, medicinal chemicals and botanical products.

Item 3311= Manufacture of medical and surgical equipment and orthopedic appliances.

Table A.11d: MEXICO**Item 2423 - Exports**

Country	1994	1995	1996	1997	1998	1999	2000
UNITED STATES	34.8%	30.9%	33.7%	28.7%	28.0%	26.7%	21.8%
BERMUDA	1.4%	0.8%	0.1%	0.1%	0.1%	6.1%	10.2%
NETHERLANDS	5.4%	7.1%	10.5%	6.5%	8.1%	11.8%	8.5%
VENEZUELA	3.5%	4.0%	3.9%	4.4%	5.3%	6.0%	6.8%
COLOMBIA	1.8%	3.1%	3.8%	5.0%	6.2%	5.5%	5.6%
BRAZIL	4.1%	7.8%	6.4%	6.8%	5.9%	6.7%	4.9%
PANAMA	7.2%	5.2%	7.4%	7.3%	7.4%	4.3%	4.7%
GERMANY	0.0%	0.0%	2.1%	7.2%	7.0%	2.4%	4.3%
URUGUAY	4.4%	5.4%	4.6%	3.8%	3.2%	3.2%	3.4%
ARGENTINA	1.6%	1.3%	1.3%	1.3%	1.1%	2.1%	3.0%
Other countries	35.8%	34.6%	26.2%	29.0%	27.9%	25.2%	26.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 3311 - Exports

Country	1994	1995	1996	1997	1998	1999	2000
UNITED STATES	98.0%	97.6%	97.2%	97.1%	96.9%	96.6%	96.6%
FRANCE	0.3%	0.6%	0.6%	0.4%	0.5%	0.9%	1.2%
COLOMBIA	0.4%	0.3%	0.4%	0.7%	0.5%	0.4%	0.3%
SWITZERLAND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
GERMANY	0.0%	0.0%	0.2%	0.1%	0.2%	0.2%	0.2%
VENEZUELA	0.1%	0.1%	0.1%	0.3%	0.3%	0.2%	0.2%
BRAZIL	0.3%	0.1%	0.3%	0.1%	0.1%	0.2%	0.2%
EL SALVADOR	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%
GUATEMALA	0.0%	0.1%	0.0%	0.1%	0.1%	0.2%	0.1%
AUSTRALIA	0.0%	0.0%	0.1%	0.2%	0.2%	0.3%	0.1%
Other countries	0.8%	1.1%	1.0%	0.8%	1.0%	0.9%	0.8%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 2423= Manufacture of pharmaceuticals, medicinal chemicals and botanical products.

Item 3311= Manufacture of medical and surgical equipment and orthopedic appliances.

Table A.11e: UNITED STATES**Item 2423 - Exports**

Country	1994	1995	1996	1997	1998	1999	2000
CANADA	15.3%	15.5%	15.4%	15.5%	15.2%	16.1%	16.1%
UNITED KINGDOM	6.7%	6.9%	8.9%	8.5%	6.9%	8.9%	10.3%
FRANCE	6.5%	5.8%	4.9%	4.9%	6.0%	8.0%	8.2%
JAPAN	11.9%	12.6%	10.3%	9.9%	8.4%	9.1%	7.8%
BELGIUM - LUXEMBURGO	0.0%	0.0%	5.9%	5.4%	6.1%	5.4%	6.9%
NETHERLANDS	4.5%	5.8%	6.5%	9.3%	9.9%	7.4%	6.6%
ITALY	3.8%	4.3%	4.7%	4.8%	5.7%	6.2%	6.4%
GERMANY	0.0%	0.0%	7.5%	7.0%	6.3%	5.8%	4.7%
SWITZERLAND	6.2%	4.0%	3.0%	2.7%	4.4%	5.1%	4.7%
MEXICO	3.2%	2.7%	3.0%	2.9%	2.9%	2.9%	3.5%
Other countries	42.0%	42.4%	29.8%	29.1%	28.3%	25.1%	24.9%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 3311 - Exports

Country	1994	1995	1996	1997	1998	1999	2000
JAPAN	15.6%	17.0%	18.2%	17.0%	16.0%	15.9%	16.3%
GERMANY	0.0%	0.0%	11.9%	10.4%	10.0%	10.3%	9.6%
CANADA	10.6%	9.6%	8.7%	8.6%	9.4%	9.8%	8.8%
NETHERLANDS	5.6%	6.2%	7.2%	8.8%	8.1%	7.4%	7.8%
FRANCE	6.2%	6.6%	6.0%	6.3%	6.9%	6.9%	5.8%
UNITED KINGDOM	5.4%	5.6%	5.3%	5.4%	5.7%	5.4%	5.7%
MEXICO	3.7%	2.3%	3.0%	3.4%	3.9%	4.1%	4.9%
BELGIUM - LUXEMBURGO	0.0%	0.0%	3.6%	2.8%	3.5%	3.8%	3.5%
ITALY	2.5%	2.6%	2.3%	2.6%	2.7%	3.0%	3.1%
AUSTRALIA	3.4%	3.4%	3.1%	3.3%	3.5%	3.2%	3.1%
Other countries	47.2%	46.7%	30.8%	31.4%	30.3%	30.1%	31.3%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Item 2423= Manufacture of pharmaceuticals, medicinal chemicals and botanical products.

Item 3311= Manufacture of medical and surgical equipment and orthopedic appliances.