

U.S. Arms Control and Disarmament Agency



World Military Expenditures and Arms Transfers

1995

Foreword, Highlights, Charts, Statistical Notes

Essays:
Two Recent Developments in
U.S. Arms Export Control Policy

Country Rankings by Variable
[Index Only]

Tables of Military and Economic Variables
for 172 Countries, 1984-1994

[Note: This web version of *WMEAT 95* is corrected
for several small errata found in the printed version.]

19970424 011

DTIC QUALITY INSPECTED 3

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited

Go to  [Next Page](#)  [ACDA Homepage](#)

PREFACE

This edition of *WMEAT* (pronounced "we-meet"), the twenty-fourth in the series issued by the Arms Control and Disarmament Agency, is intended to serve as a convenient reference on military expenditures, arms transfers, armed forces, and related economic data for 172 countries over the 1984-1994 decade. We have continued our efforts to provide comprehensive, up-to-date, and accurate data, accompanied by pertinent analyses and highlights.

Features in this edition include a set of tables ranking the countries of the world by each variable in 1994 and an essay on recent developments in U.S. arms export control policy.

Future editions are now available through the Standing Order Service of the Superintendent of Documents. Copies of this report may be obtained by placing an order with the Superintendent of Documents (telephone no. 202 512-1800).

Comments and questions regarding this publication are welcome. They may be directed to:

WMEAT
U.S. Arms Control and Disarmament Agency
Washington, DC 20451

Editor: Daniel Gallik
Associate Editor: Dennis Winstead

Library of Congress Numbers:
JX 1974.A1U52
78-645925

ISSN 0897-4667

Released April 1996

CONTENTS

Foreword by Director John D. Holum

Highlights

Military Expenditures

Armed Forces

Arms Transfers

Arms Import Trends

Arms Export Trends

Number of Weapons Delivered

Military Burden and Other Relative Indicators

Essays

Two Recent Developments in U.S. Conventional Arms Export Control Policy:

The President's Policy on Arms Transfers

The Wassenaar Arrangement on Export Controls

Country Rankings: 1994

Main Statistical Tables

Table I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994, By Region, Organization, and Country

Table II. Arms Transfer Deliveries and Total Trade, 1984-1994, By Region, Organization, and Country

Table III. Arms Transfer Deliveries, Cumulative 1992-1994, By Major Supplier and Recipient Country

Table IV. Arms Transfer Deliveries and Agreements, 1984-1994, By Supplier and Recipient Region

Table V. Number of Major Weapons Delivered to Developing Recipients, Cumulative Periods 1983-1985, 1986-1988, 1989-1991, and 1992-1994, By Type and Supplier

For the convenience of those who prefer to work with text files for Tables I, II, III, and IV, links to text versions of these tables are provided here for downloading

[Table I text version
\(237K\)](#)

[Table II text version
\(224K\)](#)

[Table III text version
\(28K\)](#)

[Table IV text version
\(57K\)](#)

Statistical Notes

Go to  [Next Page](#)  [ACDA Homepage](#)

FOREWORD

This, the 24th edition of *World Military Expenditures and Arms Transfers (WMEAT)*, presents a mixed statistical picture of global military effort through 1994. There have been gratifying declines in militarization in many areas of the world. In some of these areas, however, the reductions have been caused by serious economic difficulties and may not be durable. In other areas there are signs of new buildups of forces. Military spending and conventional arms imports in the developing world as a whole have declined from their Cold War highs of the 1980's, but have not yet fallen below levels of the mid-1970's.

Arms controllers naturally and properly tend to focus mainly on the forces and weapons that are the most devastating, that threaten destruction on a mass scale. At the same time, we would do well to remember that the same motives impelling countries to build up their conventional forces also inspire the proliferation of mass-destruction weapons. If we can successfully address the former, we may do a great deal to lessen the latter as well.

ACDA is strengthening its focus on regional and local arms issues and the arms control means to address them. These include ways to encourage military transparency, as exemplified by the present report. Now more than ever, we need strong efforts against proliferation and for arms control and other non-military means of enhancing security.

John D. Holum

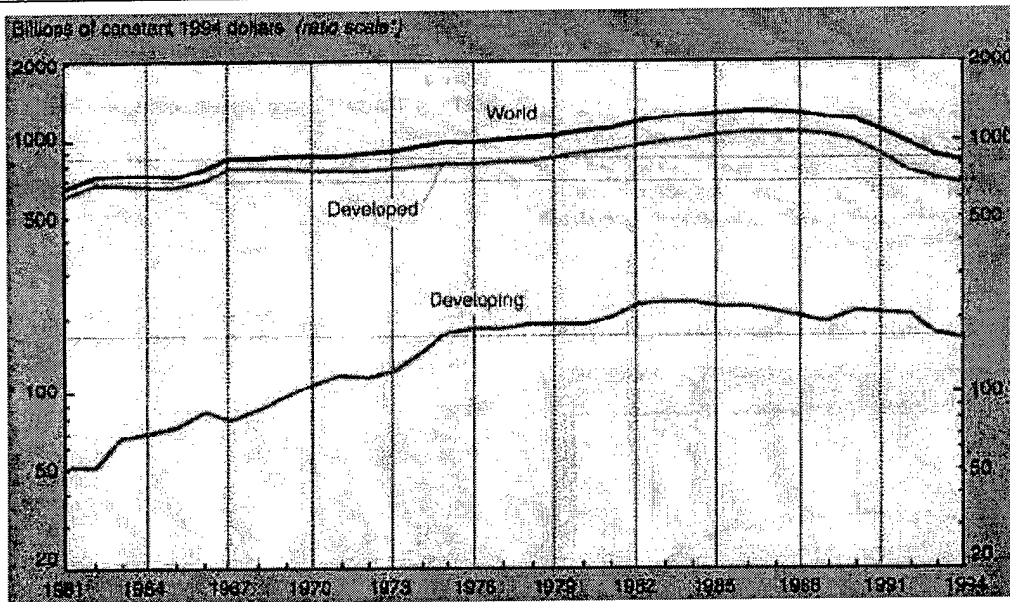
Director

Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Contents](#)  [ACDA Homepage](#)

Highlights

Military Expenditures

Figure 1. World Military Expenditures, 1961-1994



* The logarithmic or ratio scale used in this and other figures is designed to facilitate comparisons of rates of change. A ratio scale is compressed as values increase so that, anywhere on the chart, equal vertical distances represent equal ratios of value and equal slopes represent equal rates of change.

The downward trend in world military spending continued in 1994 with a 5% drop to \$840 billion, the lowest level since 1966 and 35% below the all-time peak of \$1.3 trillion in 1987 (1994 dollars--Figure 1 and Main Table I).

The cumulative world reductions from 1987 to 1994 amounted to over \$1.5 trillion dollars (comparing the peak year to each subsequent year). However, since the reduction in military spending occurred mainly in Eastern Europe (\$1.25 trillion), where it was accompanied by a cumulative decline of \$9.4 trillion in aggregate GNP, most of it cannot be considered "savings". The rest of the world excluding Eastern Europe amassed reductions of only \$123 billion between the peak in 1986 and 1994.

Note: The "Developed" and "Developing" groups of countries have been modified by moving eight countries from the latter to the former and one country, the reverse. (See [Statistical Notes, Coverage...](#))

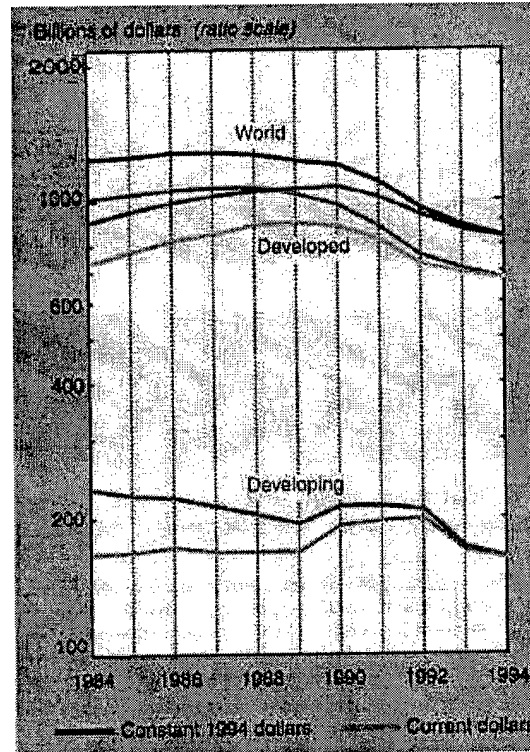
Most of the cumulative reduction in military spending occurred in the developed group of countries, again primarily due to the sharp Soviet/Russian downturn as well as the less rapid but still large US decline.

Military spending in the developing countries as a group began to decline earlier, in 1983, a trend that has continued at a moderate rate since then with the exception of a "bulge" in 1990-1992 due to the Persian Gulf War (Figure 2). The group has spent about \$300 billion less, cumulated over years since the 1983 peak, although the annual rate of decline has been 2.7% over the 1984-1994 period.

Regional Developments

The shares of world spending by region over the decade show a substantial rise for North America (from 27 to 36%), Western Europe (from 16 to 22%), and East Asia (from 10 to 17%), with a concomitant reduction mainly for Eastern Europe (from 35 to 14%) and the Middle East (from 8 to 5%) (Table 1).

Figure 2. World Military Expenditures, 1984-1994



Eastern Europe averaged a steep 27% annual decline in the 1990-1994 period, as did the former Warsaw Pact countries, whose peak 1988 spending of over \$450 billion dropped to (a roughly estimated) \$112 billion in 1994, a 75% reduction.

Eastern Europe's decline was of course mainly in the Soviet Union and its successor states, which together in the 1990-1994 period fell nearly 70% overall and 28% per year.

Military spending in other regions moved in various directions in the 1990-1994 period (see Table 1, Figure 3, and the box on the following page).

Table 1
Military Expenditures: Shares and Growth
(In percent)

	World Share		Real Growth Rate*	
	1984	1994	Decade 84- 94	2nd Half 90-94
World	100.0	100.0	-4.2	-8.9
Developed	81.4	80.5	-4.5	-9.3
Developing	18.6	19.5	-2.7	-7.2
Region				
North America	27.1	35.7	-1.7	-3.1
Western Europe	16.0	22.2	-.6	-2.6
East Asia	9.7	17.2	1.7	2.1
Eastern Europe	34.9	13.6	-13.2	-27.2
Middle East	8.0	5.4	-4.9	-18.0
South America	1.6	1.9	-1.9	-2.4
South Asia	.7	1.6	2.3	2.6
Oceania	.6	1.2	2.0	4.9
North Africa	.8	.5	-7.3	-5.6
Subsaharan Africa	.3	.4	.8	-6.3
Central Asia & Cauc.	---	.2	---	---
Central America & Car.	.3	.1	-11.7	-21.8
Europe, all	50.1	35.7	-7.8	-16.0
Africa, all	1.5	1.3	-3.8	-7.6
Organization / Reference Group				
OECD	46.2	64.4	-.9	-2.4
OPEC	6.3	4.1	-4.9	-20.6
NATO, all	41.7	55.9	-1.3	-3.0
Warsaw Pact (fmr)	34.4	13.3	-13.2	-27.3
NATO Europe	14.8	20.4	-.6	-2.7
Latin America	2.0	2.3	-2.8	-3.2
CIS	---	11.8	---	---

* Average annual rate, calculated as a compound rate curve fitted to all points (see Statistical Notes for details).

Regions ranked by average annual rates of change in military spending, 1990-1994:

Eastern Europe	-27.2%
Central America & Caribbean	-21.8
Middle East	-18.0
Subsaharan Africa	-6.3
North Africa	-5.6
North America	-3.1
Western Europe	-2.6

South America	-2.4
East Asia	+2.1
South Asia	+2.6
Oceania	+4.9

The US reduced its spending by 3.2% annually since 1990, although it still accounted for 36% of the world total in 1994.

Western Europe as a whole declined a little over 2.5% annually since 1990, as did NATO Europe. **All NATO now accounts for 56% of world military spending.**

East Asia, now the third largest spending region, showed a 2.5% growth rate in 1990-1994. Very rough estimates of military spending in China (Mainland) make it the third largest spender in the world (following the United States and Russia), and Japan is fourth. Of the 11 East Asian countries whose 1994 military spending exceeded \$1 billion, 10 had positive annual growth rates in the 1990-1994 period (North Korea being the only one in decline), of which three had rates over 10% (Thailand, Burma, and Malaysia) and three had rates of 5 to 10% (Singapore, Indonesia, and China-Taiwan). The lower growth rates of Mainland China (.7%) and Japan (1.8%) restrain the regional average, in view of their large size.

The decline in the Middle East reflects the passing of the Gulf War bulge. Notable annual rates of decline were posted in 1990-1994 by most of the largest spenders: Saudi Arabia (largest--13%), Syria (20%), Kuwait (37%), Iran (18%) and Iraq (38%--both very roughly estimated), and the United Arab Emirates (16%). Israel (2nd largest) declined slightly, while positive growth rates were shown by Yemen (6%) and Egypt (3%).

The 5% growth rate experienced by Oceania in the period was attributable to Australia's 6% rate, as all others in the region declined.

A ranking of the top twenty military spenders in 1994 (Figure 4, following page), in comparison with a similar ranking for 1993 in the previous edition of this report, shows that Japan has risen to fourth place (after the US, Russia, and China) and Australia has replaced India in 13th place.

**Figure 3. Military Expenditures by Region,
1984-1994**

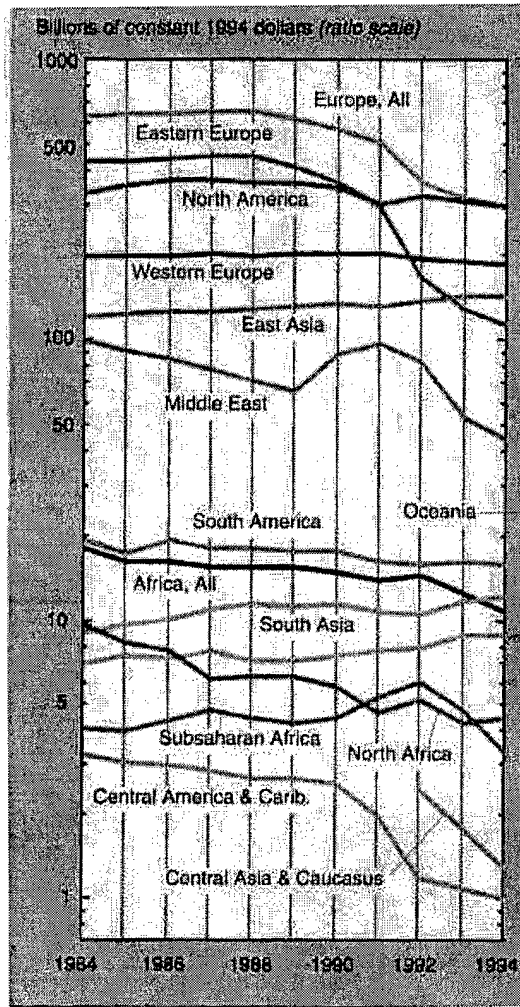
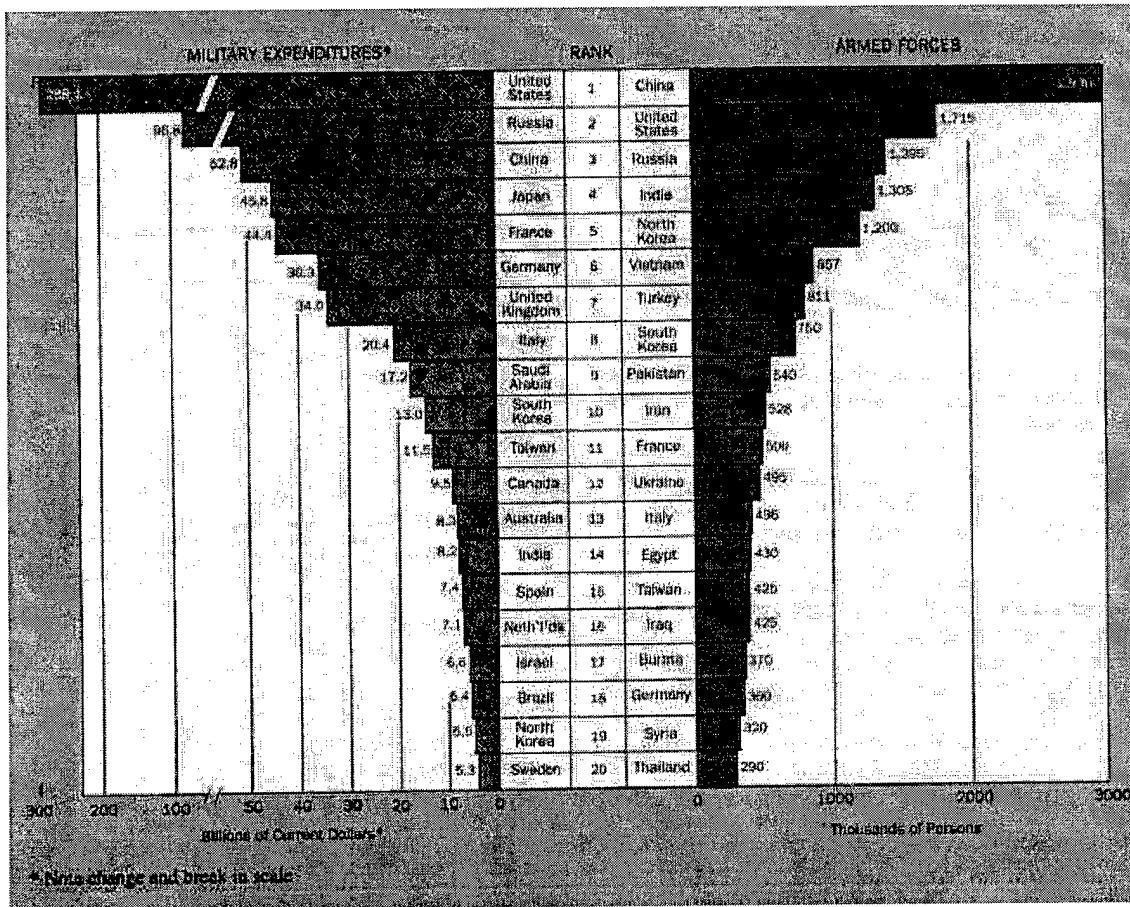



Figure 4. Leading Military Spenders and Armed Forces, 1994

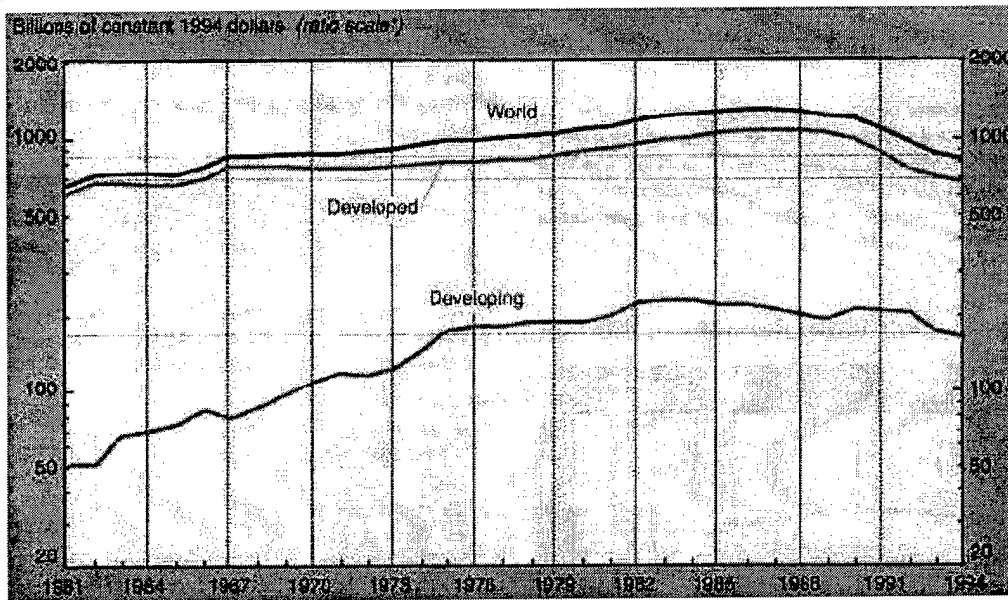


Go to [Next](#) Next Page [Contents](#) Main Table of Contents  ACDA Homepage

Highlights

Military Expenditures

Figure 1. World Military Expenditures, 1961-1994



* The logarithmic or ratio scale used in this and other figures is designed to facilitate comparisons of rates of change. A ratio scale is compressed as values increase so that, anywhere on the chart, equal vertical distances represent equal ratios of value and equal slopes represent equal rates of change.

The downward trend in world military spending continued in 1994 with a 5% drop to \$840 billion, the lowest level since 1966 and 35% below the all-time peak of \$1.3 trillion in 1987 (1994 dollars--Figure 1 and Main Table I).

The cumulative world reductions from 1987 to 1994 amounted to over \$1.5 trillion dollars (comparing the peak year to each subsequent year). However, since the reduction in military spending occurred mainly in Eastern Europe (\$1.25 trillion), where it was accompanied by a cumulative decline of \$9.4 trillion in aggregate GNP, most of it cannot be considered "savings". The rest of the world excluding Eastern Europe amassed reductions of only \$123 billion between the peak in 1986 and 1994.

Note: The "Developed" and "Developing" groups of countries have been modified by moving eight countries from the latter to the former and one country, the reverse. (See Statistical Notes, Coverage...)

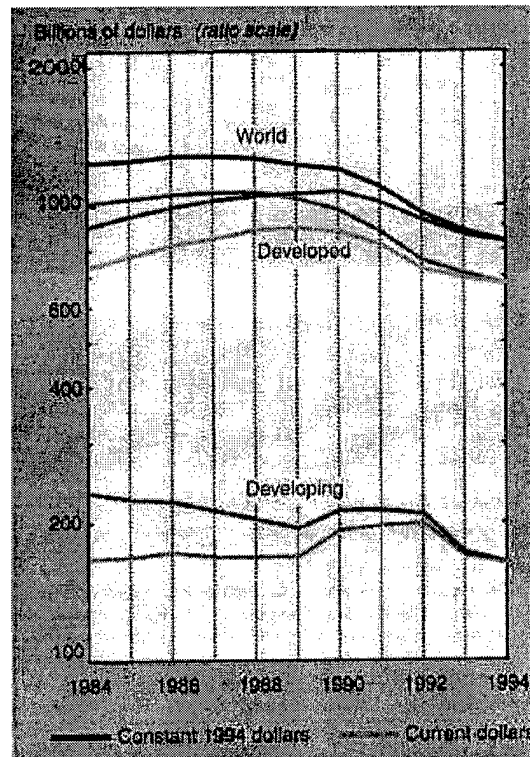
Most of the cumulative reduction in military spending occurred in the developed group of countries, again primarily due to the sharp Soviet/Russian downturn as well as the less rapid but still large US decline.

Military spending in the developing countries as a group began to decline earlier, in 1983, a trend that has continued at a moderate rate since then with the exception of a "bulge" in 1990-1992 due to the Persian Gulf War (Figure 2). The group has spent about \$300 billion less, cumulated over years since the 1983 peak, although the annual rate of decline has been 2.7% over the 1984-1994 period.

Regional Developments

The shares of world spending by region over the decade show a substantial rise for North America (from 27 to 36%), Western Europe (from 16 to 22%), and East Asia (from 10 to 17%), with a concomitant reduction mainly for Eastern Europe (from 35 to 14%) and the Middle East (from 8 to 5%) (Table 1).

Figure 2. World Military Expenditures, 1984-1994



Eastern Europe averaged a steep 27% annual decline in the 1990-1994 period, as did the former Warsaw Pact countries, whose peak 1988 spending of over \$450 billion dropped to (a roughly estimated) \$112 billion in 1994, a 75% reduction.

Eastern Europe's decline was of course mainly in the Soviet Union and its successor states, which together in the 1990-1994 period fell nearly 70% overall and 28% per year.

Military spending in other regions moved in various directions in the 1990-1994 period (see Table 1, Figure 3, and the box on the following page).

Table 1
Military Expenditures: Shares and Growth
 (In percent)

	World Share		Real Growth Rate*	
	1984	1994	Decade 84- 94	2nd Half 90-94
World	100.0	100.0	-4.2	-8.9
Developed	81.4	80.5	-4.5	-9.3
Developing	18.6	19.5	-2.7	-7.2
Region				
North America	27.1	35.7	-1.7	-3.1
Western Europe	16.0	22.2	-.6	-2.6
East Asia	9.7	17.2	1.7	2.1
Eastern Europe	34.9	13.6	-13.2	-27.2
Middle East	8.0	5.4	-4.9	-18.0
South America	1.6	1.9	-1.9	-2.4
South Asia	.7	1.6	2.3	2.6
Oceania	.6	1.2	2.0	4.9
North Africa	.8	.5	-7.3	-5.6
Subsaharan Africa	.3	.4	.8	-6.3
Central Asia & Cauc.	---	.2	---	---
Central America & Car.	.3	.1	-11.7	-21.8
Europe, all	50.1	35.7	-7.8	-16.0
Africa, all	1.5	1.3	-3.8	-7.6
Organization / Reference Group				
OECD	46.2	64.4	-.9	-2.4
OPEC	6.3	4.1	-4.9	-20.6
NATO, all	41.7	55.9	-1.3	-3.0
Warsaw Pact (fmr)	34.4	13.3	-13.2	-27.3
NATO Europe	14.8	20.4	-.6	-2.7
Latin America	2.0	2.3	-2.8	-3.2
CIS	---	11.8	---	---

* Average annual rate, calculated as a compound rate curve fitted to all points (see Statistical Notes for details).

Regions ranked by average annual rates of change in military spending, 1990-1994:

Eastern Europe	-27.2%
Central America & Caribbean	-21.8
Middle East	-18.0
Subsaharan Africa	-6.3
North Africa	-5.6
North America	-3.1
Western Europe	-2.6

South America	-2.4
East Asia	+2.1
South Asia	+2.6
Oceania	+4.9

The US reduced its spending by 3.2% annually since 1990, although it still accounted for 36% of the world total in 1994.

Western Europe as a whole declined a little over 2.5% annually since 1990, as did NATO Europe. **All NATO now accounts for 56% of world military spending.**

East Asia, now the third largest spending region, showed a 2.5% growth rate in 1990-1994. Very rough estimates of military spending in China (Mainland) make it the third largest spender in the world (following the United States and Russia), and Japan is fourth. Of the 11 East Asian countries whose 1994 military spending exceeded \$1 billion, 10 had positive annual growth rates in the 1990-1994 period (North Korea being the only one in decline), of which three had rates over 10% (Thailand, Burma, and Malaysia) and three had rates of 5 to 10% (Singapore, Indonesia, and China-Taiwan). The lower growth rates of Mainland China (.7%) and Japan (1.8%) restrain the regional average, in view of their large size.

The decline in the Middle East reflects the passing of the Gulf War bulge. Notable annual rates of decline were posted in 1990-1994 by most of the largest spenders: Saudi Arabia (largest--13%), Syria (20%), Kuwait (37%), Iran (18%) and Iraq (38%--both very roughly estimated), and the United Arab Emirates (16%). Israel (2nd largest) declined slightly, while positive growth rates were shown by Yemen (6%) and Egypt (3%).

The 5% growth rate experienced by Oceania in the period was attributable to Australia's 6% rate, as all others in the region declined.

A ranking of the top twenty military spenders in 1994 (Figure 4, following page), in comparison with a similar ranking for 1993 in the previous edition of this report, shows that Japan has risen to fourth place (after the US, Russia, and China) and Australia has replaced India in 13th place.

**Figure 3. Military Expenditures by Region,
1984-1994**

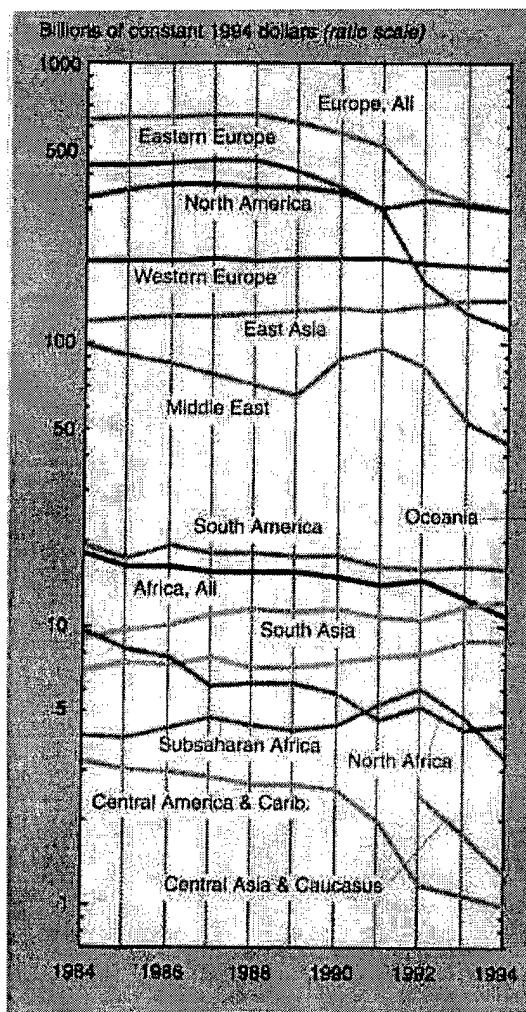
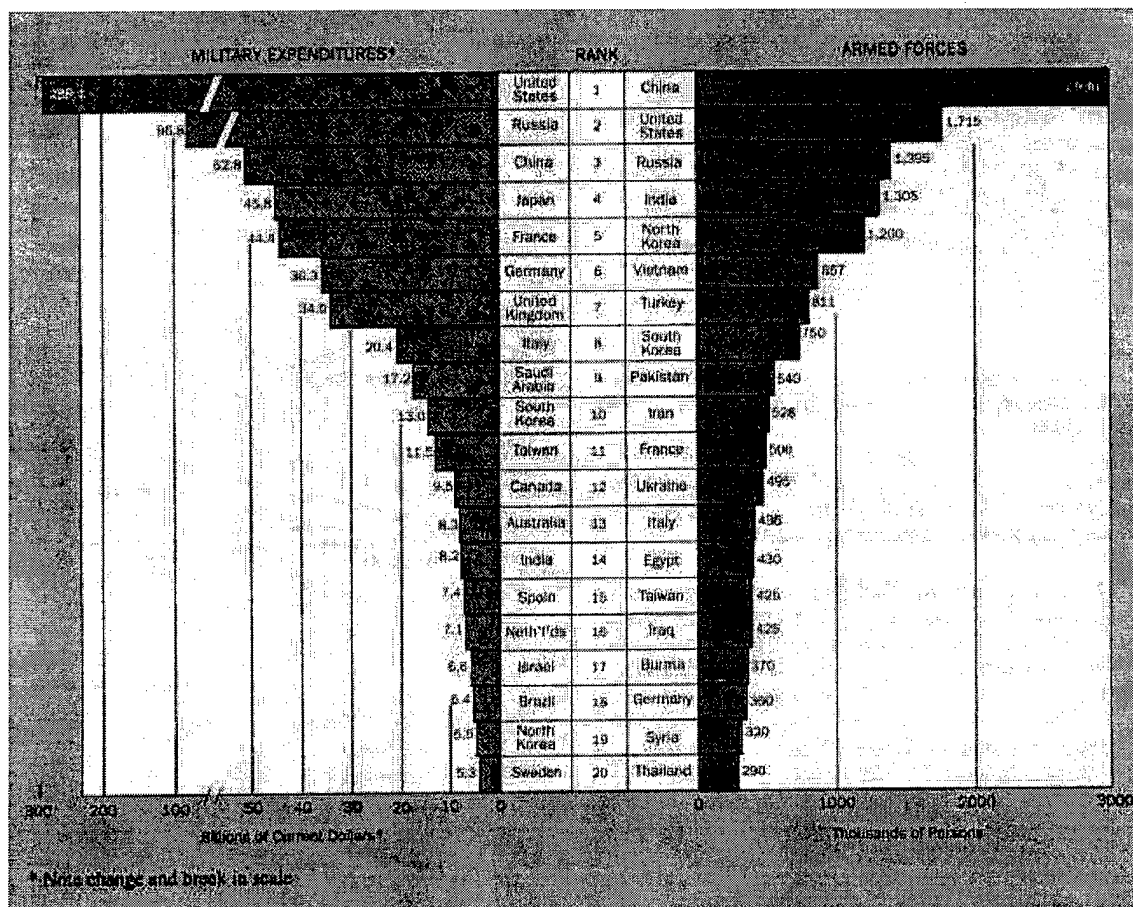



Figure 4. Leading Military Spenders and Armed Forces, 1994



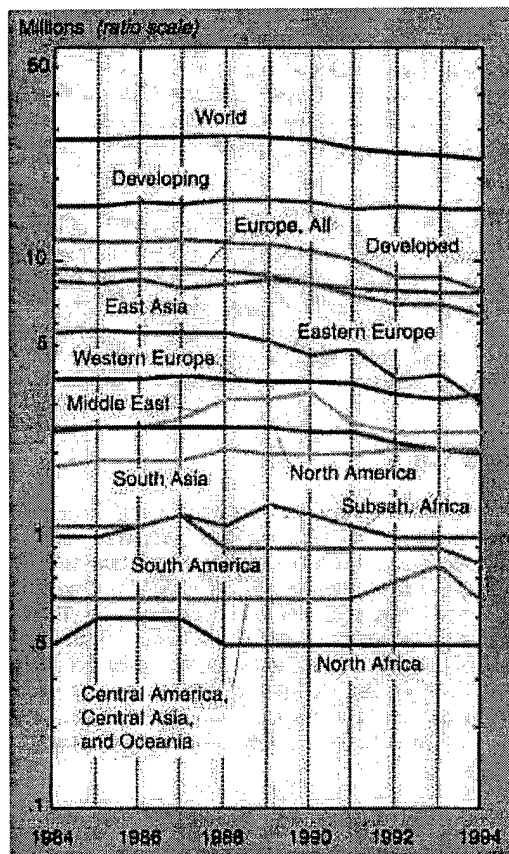
* Units change and break in scale.

Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Contents](#)  [ACDA Homepage](#)

Armed Forces

World armed forces fell from 24.6 million members in 1993 to 23.5 million in 1994, a drop of slightly over 4% (Main Table I). This continues a downward trend following the decade high of 28.7 million set in 1988. The worldwide trend over the decade was relatively flat with only a 2% annual decline, which almost doubled in the latter half of the decade, to 3.7% (Figure 5 and Table 2).

Figure 5. World and Regional Armed Forces, 1984-1994



Developed and Developing Trends

Developed country armed forces fell much faster than the developing group, with annual declines of roughly 8% between 1990-1994 and 4% over the decade. Developing countries fell 1.3% and .4% annually during the same periods, respectively. **The 7.9 million soldiers of developed countries account for 34% of the total in 1994, nine percentage points less than in 1984.**

Table 2
Armed Forces: Shares and Growth
 (In percent)

	World Share		Real Growth Rate*	
	1984	1994	Decade 84- 94	2nd Half 90-94
World	100.0	100.0	-1.8	-3.7
Developed	42.7	33.7	-4.0	-7.7
Developing	57.3	66.3	-.4	-1.3
Region				
East Asia	30.6	32.9	-.9	-1.8
Western Europe	13.6	14.0	-1.9	-3.4
Eastern Europe	20.2	13.3	-5.8	-8.1
Middle East	9.0	10.2	-.5	-7.1
South Asia	6.3	8.8	1.2	.4
North America	8.7	8.3	-2.1	-5.6
Subsaharan Africa	3.6	4.4	-.2	-3.1
South America	4.1	3.5	-3.4	-1.8
North Africa	1.6	1.9	-.6	0
Cent. America & Car.	2.0	1.2	-5.5	-13.4
Central Asia & Cauc.	---	.7	---	---
Oceania	.3	.3	-.9	-2.6
Europe, all	33.8	27.3	-4.1	-5.9
Africa, all	5.5	6.7	-.4	-2.0
Organization / Reference Group				
OECD	23.0	23.6	-1.9	-4.1
OPEC	7.4	7.9	-1.2	-7.8
NATO, all	21.2	20.7	-2.2	-4.6
Warsaw Pact (fmr)	19.0	12.4	-5.7	-8.1
NATO Europe	13.0	13.1	-2.0	-3.8
Latin America	6.4	5.5	-3.3	-4.8
CIS	---	9.2	---	---

* Average annual rate, calculated as a compound rate curve fitted to all points (see Statistical Notes for details).

Developing countries' forces, which peaked at 17 million in 1989, totaled 15.6 million in 1994, slightly less than double the developed countries' forces. **Developing countries accounted for roughly 57-60% of total armed forces between 1984-1991 and rose to 64% in 1992-1993 and to 66% in 1994.**

Thirteen of the world's twenty largest forces in 1994 belonged to developing countries (Figure 4). China, India and North Korea all had forces of over 1 million soldiers in 1994 and ranked first, fourth, and fifth in the world, respectively. The next five largest armies of developing countries--Vietnam, Turkey, Pakistan, Iran, and the Ukraine--all had armed forces totaling between a half million and 1 million soldiers. Two former developing countries--South Korea (with 750,000 soldiers in 1994) and Taiwan (with 435,000)--with historically large forces were redefined in this edition as developed.

Along with the top three developing countries, there were two developed country armies of more than 1 million soldiers in 1994--the United States, ranked second in the world, and Russia, ranked third. Together, the five largest armies accounted for 37% of the world's total military strength.

All regions of the world showed declines in total armed forces in both the 10-year and 5-year periods, except for South Asia, which recorded increases during both periods. The largest declines were recorded by Eastern Europe (at a 6% rate since 1984 and 8% since 1990) and Central America (at 5.5% since 1984 and 13% since 1990).

East Asia is the largest region in terms of shares of world armed forces, with 33% of the total, followed by Western and Eastern Europe, with 14% and 13%, respectively, the Middle East, with 10%, and South Asia and North America, with 8-9% each. **The most dramatic change in shares occurred with Eastern Europe, which reduced its share of world armed forces by 7 percentage points over the decade.**

European Armed Forces

Military strength among European countries fell by an average rate of 4% during the decade and by 6% during the half-decade. In 1994 the region totaled 6.4 million soldiers, a 9% drop from the previous year and 33% less than the decade high 9.5 million set in 1987.

In 1994 Eastern and Western Europe together accounted for 27% of the world's total soldiers, compared to 34% in 1984. Eastern European armies fell at an annual rate of 8% during 1990-1994 and 6% during the decade. Western Europe, on the other hand, maintained a slower rate of decline of its military strength, with an annual average reduction of 3.4% during the latter five-year period and 2% during the decade.

Turkey has claim to the largest army within Western Europe, with 811,000 soldiers in 1994. This is an 18% increase from 1993 and accounts for 14% of Europe's total armed forces and 25% of Western Europe's. Turkey ranked seventh in the world in terms of total armed forces in 1994, followed by France at 11th, Italy at 13th, and Germany at 18th.

In addition to Turkey's relatively large increase in 1994, Portugal's armed forces rose by 54,000 soldiers and Sweden by 26,000. Germany's armed forces fell by 36,000 soldiers from 1993 to 1994, while the Italian and British armies fell by 14,000 each.

Western European members of NATO made up 63% of NATO's total strength in 1994, with the four largest armies of the alliance--Turkey, France, Italy, and Germany--providing 45%.

The region that showed the largest decline in armed forces was Eastern Europe, which reduced its total by .7 million from 1993 to 1994. This drop can be credited mainly to the large drop in Russia.

Russia possessed Eastern Europe's largest army in 1994, with 1.4 million soldiers. This total accounted for 22% of Europe's total military strength and 45% of Eastern Europe's. As stated above, Russia's army was the third largest in the world in 1994, despite a 38% reduction from 1993.

The Ukraine, with forces of about a half million in 1994, ranked second in Eastern Europe, fourth in Europe, and 12th in the World. No other Eastern European country ranked in the top twenty in terms of forces. Only three others--Poland, Romania and Serbia-Montenegro--possessed relatively large armed forces, with 255,000, 200,000, and 130,000 soldiers, respectively.

United States

The United States ranked as the world's second largest army in 1994, with a strength of over 1.7 million. This total accounts for 7% of the world's total military strength and 23% of all developed countries. Total U.S. forces have dropped steadily since peaking at 2.3 million in 1987. Over the decade armed forces fell at an annual rate of 2.5%, but the pace quickened over the latter half of the decade, at 6%. The United States accounts for over one-third of the total NATO forces, with the level of support from the United States to NATO consistently ranging from 36-38%.

Developing Country Trends

Developing country armed forces fell by some 560,000 soldiers from 1993 to 1994, with all but two developing regions--Subsaharan Africa and South Asia--experiencing drops in total forces in 1994. Of the other developing regions, Central Asian, Central American, and South American armed forces each fell by roughly 80,000 soldiers, East Asian by 58,000, and Middle Eastern by 43,000.

East Asia's 33% share of world armed forces is up three points from that recorded in 1984. The region's three largest armies--Mainland China, North Korea, and Vietnam--accounted for 64% of the region's military manpower in 1994, China alone accounting for 38%. Chinese armed forces, which total more than the region's next three largest armies combined--the two mentioned above and South Korea--declined by 1.2 million soldiers over the decade, at an annual rate of 3.5%. In 1994 alone its armed forces fell by 100,000.

In contrast to China's large declines in armed forces, Vietnamese, North Korean, and South Korean armed forces saw relatively no change in army size in 1994. **Both North and South Korean armed forces appear to be stable in terms of size, with 1.2 million and 750,000 soldiers, respectively. Vietnamese forces have remained stable at 857,000 since 1992**, following a five-year period of consecutive drops. Several East Asian countries experienced increases in 1994--Burma, Indonesia, Laos, Mongolia, and the Philippines--ranging from 2,000 to 14,000 soldiers.

Of the other armies of East Asia, China-Taiwan ranked 13th in the world in 1994, Burma, 15th, Thailand, 19th, and Indonesia, 20th.

The armies of the Middle East accounted for 10% of the world's total forces in 1994. The region's 2.4 million soldiers in 1994 were 1 million less than in 1990 when regional total armed forces peaked. (This sharp drop can be credited mostly to Iraqi reductions.) The Middle East reduced its total armed forces by roughly 43,000 soldiers from 1993 to 1994, this drop credited mostly to large Syrian reductions.

Egypt, Iran, and Iraq possess the region's largest armies, accounting for 57% of the regional total. The three also account for roughly 6% of the world total and 9% of the developing country total. **Iran maintains the tenth largest army in the world, with 528,000 soldiers in 1994, followed by Egypt and Iraq, ranked 13th and 15th in the world, respectively.**

Of all Middle Eastern countries, only three--Syria, Saudi Arabia, and Oman--reduced the size of their armies in 1994. Syrian armed forces fell by 88,000 soldiers, while Saudi Arabian forces went down by 8,000, and Omani forces went down by 4,000. Modest increases were recorded by Iraq, which went up by 18,000 soldiers to 425,000 and Lebanon, up 13,000 to 50,000. The increase in army size by the remaining countries ranged from 2,000 to 6,000 soldiers.

Table 3 Force Ratio Trends

	Amount			Growth Rate*	
	1984	1990	1994	Decade 84-94	2nd Half 90-94
Armed Forces:	(In millions)				
World	28.1	27.7	23.5	-1.8	-3.7
Developed	12.0	11.0	7.9	-4.0	-7.7
Developing	16.1	16.7	15.6	-.4	-1.3
Population:	(In billions)				
World	4.8	5.3	5.6	1.7	1.6
Developed	1.2	1.3	1.1	-.6	-2.9
Developing	3.5	4.0	4.5	2.4	2.9
Force Ratio:	(In soldiers per 1000 pop.)				
World	5.9	5.3	4.2	-3.5	-5.2
Developed	9.9	8.7	6.9	-3.5	-5.0
Developing	4.5	4.2	3.5	-2.7	-4.1
Middle East	16.3	17.9	11.3	-3.5	-9.7
Eastern Europe	13.7	10.8	9.0	-3.8	-2.3
Western Europe	9.5	8.8	7.4	-3.0	-4.8
North Africa	8.2	6.9	6.2	-3.1	-2.3
North America	7.2	6.8	5.2	-3.3	-6.8
Cent. Amer. & Car.	10.4	8.7	4.6	-7.3	-15.1
East Asia	5.2	4.6	4.1	-2.3	-3.0
Oceania	3.9	3.5	2.9	-2.3	-4.0
South America	4.4	3.1	2.6	-5.1	-3.3
Central Asia & Cauc.	---	---	2.3	---	---
Subsaharan Africa	2.6	2.6	2.0	-3.2	-6.1
South Asia	1.8	1.8	1.7	-1.0	-1.7
Europe, all	11.6	9.8	8.1	-3.7	-3.8
Africa	3.3	3.0	2.5	-3.3	-4.9
OECD	7.5	7.0	5.7	-2.9	-5.3
OPEC	5.6	6.5	4.0	-3.6	-9.8
NATO, All	9.4	8.7	6.9	-3.2	-5.9
Warsaw Pact (fmr)	13.7	10.9	7.4	-5.7	-7.7
NATO Europe	9.8	9.1	7.5	-3.1	-5.2
Latin America	4.6	3.6	2.8	-5.1	-6.5
CIS	---	---	7.5	---	---

* Average annual rate, calculated as a compound rate curve fitted to all points (see Statistical Notes for details).

South Asian armed forces totaled over two million soldiers in 1994, accounting for 9% of the world total and 14% of developing countries. As stated above, **South Asia was the only region** to experience growth during both the decade and half-decade period. The region's armed forces rose by 7,000 from 1993 to 1994. **The armies of India and Pakistan make up 89% of the region's total military strength, with India alone accounting for 63%.** India possesses the fourth largest army in the

world, with 1.3 million soldiers. Pakistan now claims the ninth largest, with 540,000. In 1994 Indian armed forces rose by 40,000, while Pakistani armed forces fell by an almost equal amount.

Bangladesh continues to grow in terms of military strength. The size of the Bangladeshi army increased steadily throughout the decade at an annual rate of 3%. Armed forces totaled 113,000 soldiers in 1994, up slightly from 1993.

The remaining five developing regions of the world--North and Sub-Saharan Africa, South and Central America, and Central Asia--made up just over 12% of the world's total armed forces in 1994. Of all countries within these regions, no armies ranked in the top twenty.

Force Ratios

The ratio of a country's armed forces to its population provides a useful indicator of national military burden and effort. A comparison of trends in armed forces, population, and the resulting "force ratio" shows some significant differences between developed and developing countries and sharp differences among regions (Table 3 above; see also Figure 18, column 1).

The force ratio for the world declined at a moderate 3.5% rate during the decade and more rapidly at 5% during 1990-1994, falling to four soldiers per thousand people in 1994 from six soldiers in 1984. Developing countries had a ratio of 3.5 in 1994, compared to seven for developed countries. Force ratios of both groups fell over the decade, with the annual rate of decline slightly higher for developed countries during both the decade and half-decade period.

In 1994, the Middle East had the highest force ratio of any region with 11.3, followed by Eastern and Western Europe with 9.0 and 7.4, respectively, North Africa with 6.2, and North America with 5.2. The remaining regions had force ratios of less than five.

North Korea had the world's largest army relative to its population in 1994, with 52 soldiers per thousand population (see Country Rankings). Four other East Asian countries--Taiwan and Singapore (20), South Korea (17), and Brunei (14)--were also leading countries in terms of this ratio.

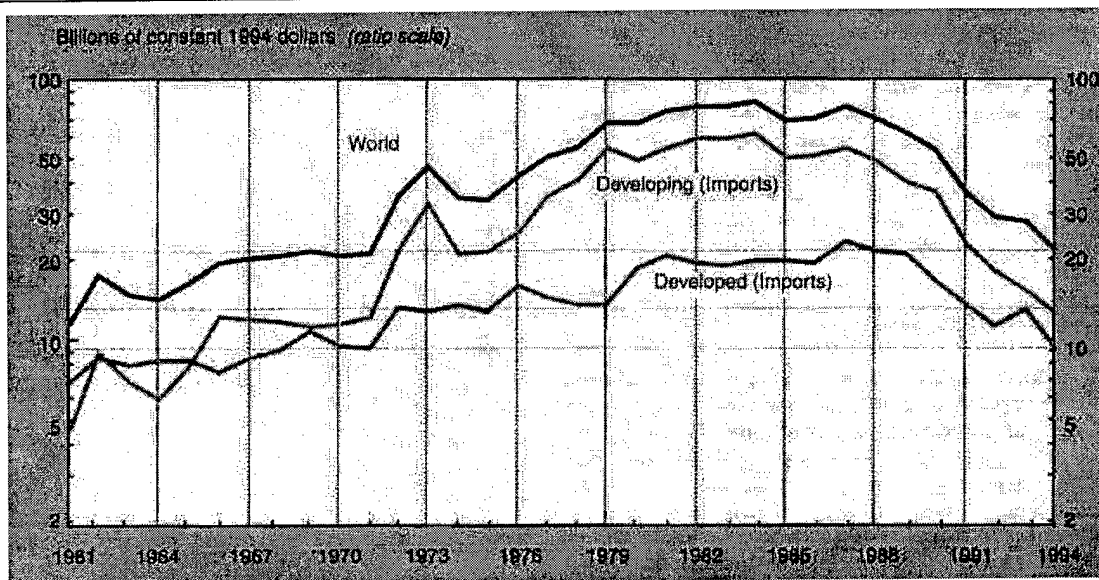
Five of the top ten countries in terms of the force ratio measure were of the Middle East region. Israel ranked second in the world with 37, Jordan followed with 25, and the United Arab Emirates, Syria, and Iraq each had a ratio of 21. Four other Middle Eastern countries--Qatar (19), Libya (16), Oman (15), and Bahrain (14)--ranked in the top twenty.

Both India and Pakistan have relatively small armies in comparison to population. In 1994 Pakistan ranked 85th in the world with a ratio of 4 soldiers per 1000 people, while India followed at 136th with a ratio of 1.4.

Go to [Next](#) [Next Page](#) [Contents](#) [Table of Contents](#)  [ACDA Homepage](#)

Arms Transfers

Figure 6. The World Arms Trade, 1961-1994



The world arms trade fell in 1994 to \$22 billion, a \$6.4 billion or 22% drop from the previous year and a 73 % fall from the all-time peak of \$83 billion a decade earlier in 1984 (in constant 1994 dollars-Figure 6 and Main Table II). The average annual rate of decline was 12% for the entire decade, which increased to 19% in the latter half, 1990-1994 (Table 4, next page). The decline has been continuous since 1987, with the largest single year drop being 31%, from 1990 to 1991. (The 1994 total of \$22 billion is the same as that reported in the previous edition of WMEAT for 1993, but the latter is here revised upward to \$28.6 billion for several reasons-see box.)

World arms sales agreements (as distinct from actual deliveries-that is, exports or imports) also declined generally over the decade from their 1985 peak of \$73 billion to a low of \$33 billion in 1992, returning to \$46 billion in 1993 and falling again to \$38 billion in 1994. Agreements-more erratic and less reliably estimated than deliveries-have been especially volatile recently in the United States, where they fell to \$15 billion in 1992, rose to \$31 billion in 1993, and dropped again to \$15 billion in 1994 (in current dollars-Main Table IV).

Note:




- Total arms imports equal arms exports at the world level (only).
- Initial estimates of arms trade aggregates for the latest year are based on incomplete data and tend to rise when reestimated in subsequent editions.
- With this edition, the scope of U.S. arms exports is expanded to include exports of military services under the FMS program. (See Statistical Notes, Arms Transfers)
- The "Developed" and "Developing" groups of countries have been modified by moving eight countries from the latter to the former and one country, the reverse. (See Statistical Notes, Coverage...)

Contents of this section:

Arms Import Trends

Arms Export Trends

Number of Weapons Delivered

Go to  [Next Page](#)  [Main Table of Contents](#)  [ACDA Homepage](#)

Arms Import Trends

The decline in the arms trade took place in both developed and developing groups of countries (redefined in this edition-see Note in Arms Transfers section and Figure 7). Arms imports of the developing group have declined continually and sharply since 1987, falling to \$12.8 billion in 1994, or 80% below the 1984 all-time peak of \$63 billion. This decline has exceeded that of the developed group, which fell 61 % from its 1987 all-time peak of \$23.8 billion to \$9.3 billion in 1994, after a slight rise in 1993.

The differing patterns of decline of the two groups have resulted in a marked shift in their market shares. The developing group accounted for some 70-80% of the world market from the late 1970s to the peak year 1987 but has dropped to around 55% of the market in recent years, while the developed group rose accordingly, from 24% in 1984 to 42% in 1994 (Table 4).

Overview of Regions

The declining trends in arms imports occurred in all major regions, both over the entire decade and in the latter half, but the rates of decline differed greatly (Table 4 and Figure 8). In five of the regions-Middle East, East Asia, Western Europe, North America, and Oceania-the rates of decline have been relatively moderate, while in the remaining six regions the declines have been rapid to very rapid. **As a result, the first three-Middle East, East Asia, and Western Europe-have been the dominant importing regions and have increased their share of the much diminished world market from 62% in 1984 to 75% in 1994 (Figure 9, page 12). With North America (essentially the United States), which has become the fourth largest importing region, these four regions accounted for over 80% of the market in 1994.** Of the others, Eastern Europe dropped from fourth with 8.5% in 1984 to tenth with 1% in 1994 and Sub-Saharan Africa remained the fifth largest market, though its share dropped from 8% to 4%.

Since year-to-year fluctuations in the arms trade can be large, the market shares over the cumulative 1992-1994 period are also informative; in this case a similar picture emerges (in millions of current dollars-based on Main Table III):

Middle East	\$34,055	43%
Western Europe	13,350	17
East Asia	12,210	16
North America	5,080	6
South Asia	2,520	3
Africa, All	2,305	3
Eastern Europe	1,535	2
All Others	7,560	10
World	78,615	100

Table 4
World Arms Imports: Shares and Growth
(In percent)

	World Share		Real Growth Rate*	
	1984	1994	Decade 84- 94	2nd Half 90-94
World	100.0	100.0	-12.4	-18.6
Developing	76.0	57.8	-14.9	-22.5
Developed	24.0	42.2	-7.5	-11.8
Region				
Middle East	44.0	40.9	-11.8	-15.5
East Asia	9.5	18.0	-8.0	-12.5
Western Europe	8.8	15.3	-5.6	-19.6
North America	3.2	6.1	-6.4	-13.7
Subsaharan Africa	7.7	3.8	-24.4	-17.7
South Asia	4.6	2.4	-19.0	-47.6
Oceania	1.2	2.0	-13.2	-9.7
South America	3.8	1.5	-17.9	-21.4
North Africa	5.2	1.4	-28.9	-34.2
Eastern Europe	8.5	1.3	-34.2	-26.9
Central America & Car.	3.4	.6	-30.1	-49.2
Central Asia & Cauc.	---	.5	---	---
Europe, all	17.3	16.5	-12.6	-21.5
Africa, all	13.0	5.3	-25.7	-23.9
Organization / Reference Group				
OECD	15.0	25.9	-6.5	-18.1
OPEC	40.3	28.6	-13.3	-20.1
NATO, all	11.1	20.4	-5.6	-17.6
Warsaw Pact (fmr)	8.3	1.1	-34.4	-29.2
NATO Europe	7.5	14.4	-4.8	-18.8
Latin America	7.2	2.5	-23.4	-35.0
CIS	---	.5	---	---

* Average annual rate, calculated as a compound rate curve fitted to all points (see Statistical Notes for details).

The Middle East

Although the Middle East remains by far the largest regional market at 41% of the world, its arms imports fell in 1994 for the fourth consecutive year, to slightly over \$9 billion. This total is less than one quarter of that recorded in 1984, the region's peak year in arms purchases, and a drop of 26% from 1993. The region averaged a 12% annual decline since 1984 and 15% since 1990.

Arms purchase agreements by Middle East countries also fell in 1994, to \$16 billion, after rising to a decade high \$22 billion in 1993. These changes are mainly attributable to the dramatic spike in US agreements with the Middle East in 1993. France also brought large shifts, as its agreements with the Middle East rose from \$1 million in 1992 to \$3.6 billion in 1993 and \$10.2 billion in 1994. Import agreements with France in 1994 accounted for 64% of the total.

Over the decade all Middle East countries experienced declining trends in arms imports except for

Bahrain, Cyprus, and the United Arab Emirates. All but Egypt Israel, Lebanon, and Oman declined during the latter half. During this latest period, trends among Middle East countries varied widely. Egypt was the sole country to record consecutive increases in imports during the latter years of the decade, while Syria and the United Arab Emirates recorded consecutive declines. Jordan and Lebanon's imports fell early in the decade then rose during the latter part of this period. Sporadic rises and falls among the remaining countries make trends difficult to discern.

Figure 7. World Arms Imports, 1984-1994

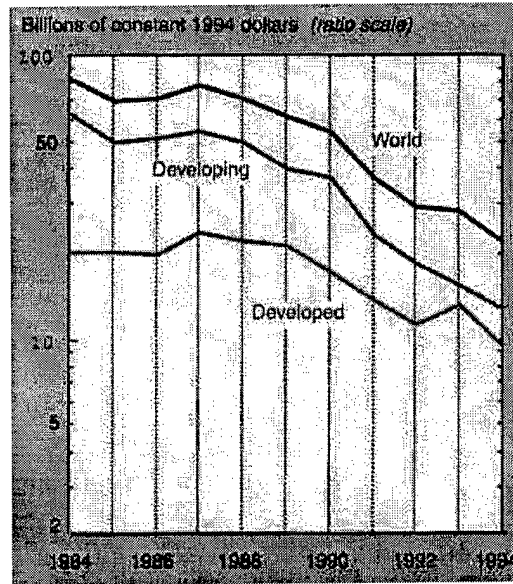


Figure 8. Arms Imports by Region, 1984-1994

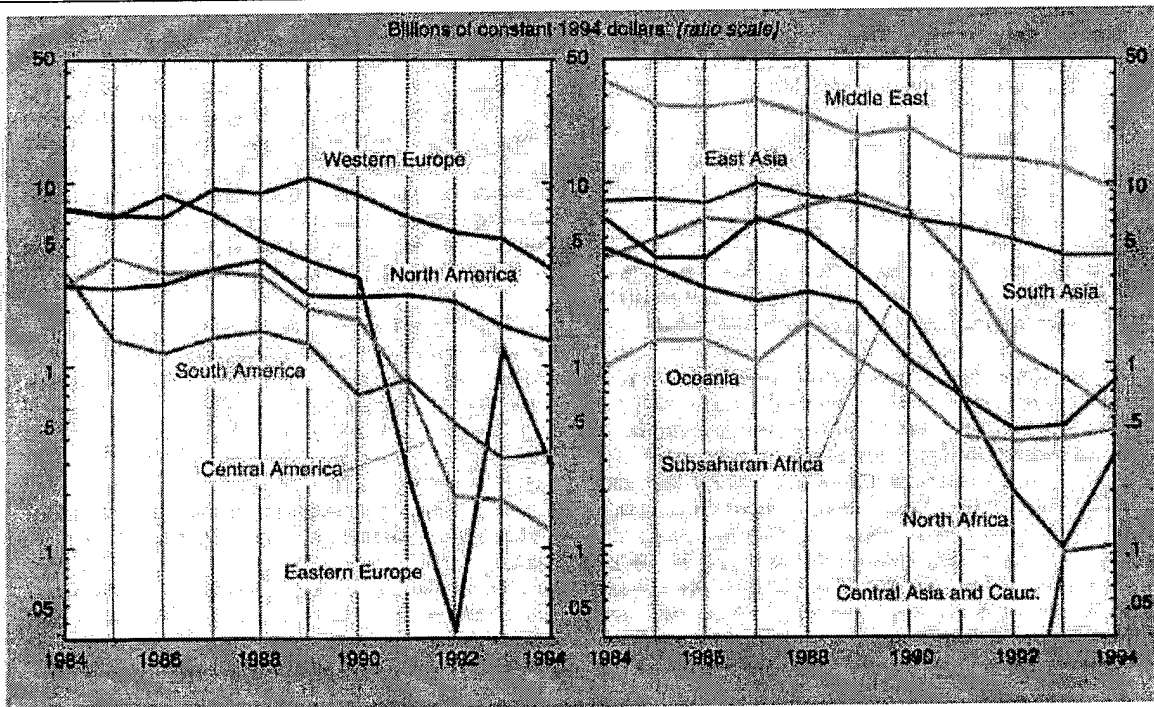
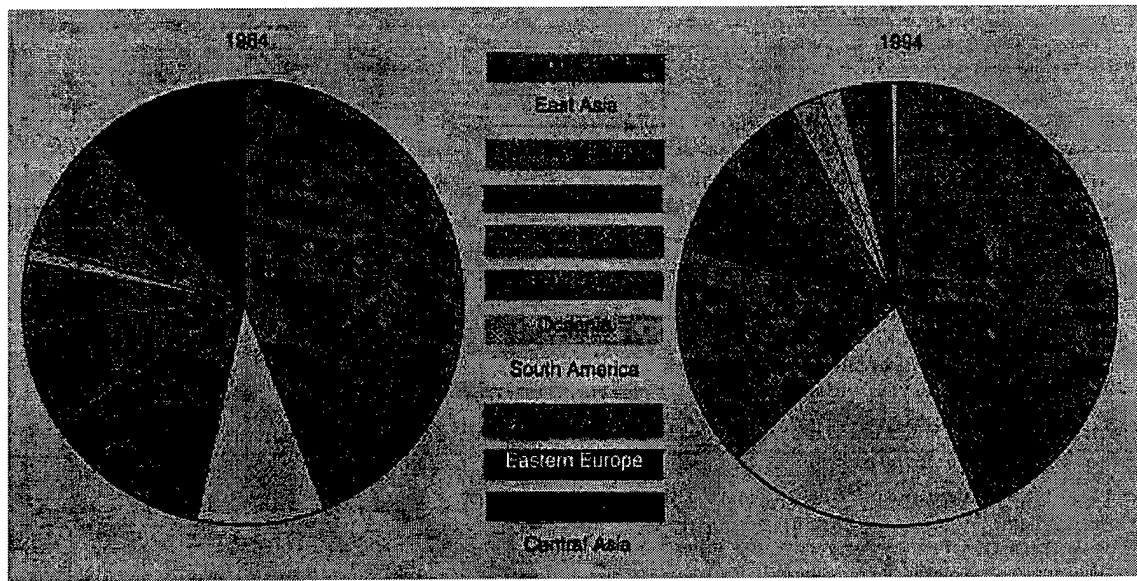


Figure 9. Regional Shares of the World Arms Import Market, 1984-1994



The largest arms importers in the Middle East during 1992-1994 were the following (in millions of current dollars; Main Table III):

Saudi Arabia	\$20,465	60%
Egypt	4,060	12
Israel	2,970	9
Kuwait	2,040	6
Iran	1,765	5
Others (10)	2,755	8

These five leading countries together accounted for 92% of the over \$34 billion worth of weapons and military equipment imported into the region during this period.

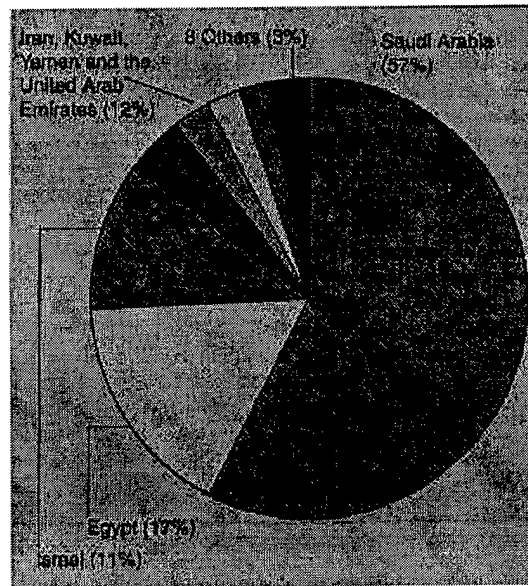
Saudi Arabia continues to dominate the Middle East region as well as the world in terms of arms imports. In 1994 it imported some \$5 billion worth, roughly \$4 billion more than Egypt, the next largest importer, and 57% of the regional total (Figure 10). However, this total marks a second consecutive drop in purchases for the Saudis and amounts to 47% less than the 1984 peak year's \$10 billion. Other leading arms purchasers during this period were Israel (\$3 billion, 9% of the market), Kuwait (\$2 billion, 6%), and Iran (slightly under \$2 billion, 5%). The remaining ten countries combined accounted for 8% of the regional total.

In 1994 Egypt surpassed the United States as the world's second leading arms importer (Figure 11, page 14). As noted above, Egypt is the only Middle East country to have increased its arms purchases yearly since 1990. Its \$1.5 billion in imports in 1994 was roughly 70% higher than its 1990 total. **Israeli arms purchases totaled \$1 billion in 1994, making it the fourth largest importer in the region and fourth in the world (tied with South Korea).** However, this total is an 11% drop from the previous year, following modest increases in both 1992 and 1993. Other leading importers in the region are Iran, ranked 12th in world arms imports in 1994, and Kuwait, ranked 19th.

The United States, the number one supplier, provided over \$17 billion in weaponry to the region during 1992-1994, more than half of the total (Main Table III). The United States' largest trade partners in the region were Saudi Arabia (\$8.6 billion), Egypt (\$3.8 billion), Israel (\$2.6 billion), and Kuwait (\$1.8 billion). **The United Kingdom was the second largest supplier during this period,**

exporting some \$10 billion in arms into the region and accounting for roughly 28% of the region's total. The United Kingdom provided Saudi Arabia with 46% of its military purchases during 1992-1994, which accounted for almost all of the United Kingdom's arms exports into the region. Together, these two supplied the Middle East with 80% of all arms purchased in the period.

Figure 10. Middle East Arms Import Market, 1994



Of the remaining suppliers, **Russia provided the Middle East with 5% of total imports in 1992-1994, Canada, China, and France each provided roughly 3%, and Germany, 1%.** The largest recipients from these suppliers were Iran (\$1 billion from Russia and \$525 million from China), Saudi Arabia (\$900 million from Canada and \$525 million from France), Israel (\$310 million from Germany), and Syria (\$300 million from Russia).

Trends within Europe

Western Europe, with imports totaling over \$13 billion, was the second largest arms importing region in 1992-1994 (although East Asia became the second largest importing region in 1994). Western European imports made up 15% of the world's and 92% of Europe's as a whole, compared to 9% and 51% respectively in 1984. Western predominance over the Eastern half began in the late 1980's when large consecutive reductions in Eastern European purchases were coupled with increases in Western Europe's. Thus, the two components imported nearly equally over 1984-1987, but Western Europe's share of the European total became 60% in 1987, 75% in 1989-1990, 99% in 1992, and 92% in 1994. **Hungary was Eastern Europe's only major arms recipient during the 1992-1994 period, with 61% of the total, a result of its arms-for-debt agreement with Russia.**

Western European imports have also fallen considerably over the decade, averaging an annual decline of 6% since 1984 and 20% since 1990. The \$3.4 billion in 1994 purchases was 69% less than the almost \$11 billion in 1989, the region's peak year. **NATO member countries were responsible for 94% of the region's imports in 1994. Of these, Turkey was the sixth largest arms buyer in the world in 1994 with \$950 million and, with slightly over \$3 billion in purchases in 1992-1994, accounted for 23% of the region's total.** Germany and Greece both recorded \$1.8 billion in imports during this same period, followed by Spain with slightly over \$1 billion. These four received almost 60% of all arms imported into the region during the three-year period. Western Europe's three mid-level spenders-Finland (\$815 million), Netherlands (\$700 million), and the United Kingdom (\$695 million)-accounted for an additional 17%.

Also among the world's top importers in 1994 were Spain (\$525 million) ranking tenth, Portugal (\$320 million), 15th, Greece (\$270 million), 16th, and Germany (\$240 million), 20th.

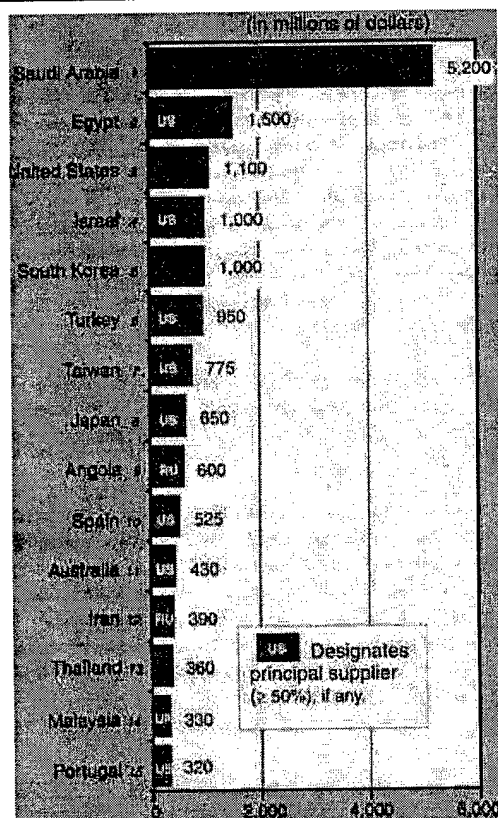
The United States was the chief exporter of arms to Western Europe during 1992-1994, supplying over \$8 billion worth or 61% of the total. Canada was the only other significant supplier outside of Western Europe itself, providing \$640 million or 5% of the total, with almost all going to Germany. Arms trade within the region amounted to 30% of the total, due mainly to German and French sales of \$1.4 and \$1.2 billion, respectively.

East Asia

East Asia was the third largest regional market in 1992-1994, with over \$12 billion in imports, more than 15% of the world total. In 1994 East Asia surpassed Western Europe to take second place among importing regions, as already noted. The region's arms imports dropped steadily since peaking in 1987 at almost \$10 billion, to \$4 billion in 1993, then leveled off with a slight increase in 1994. Arms purchases fell at an annual rate of 8% over the decade and 12% during the half-decade. Although showing a declining trend, arms imports here were more level across the decade than in other regions. Only Western Europe (5.6%) and North America (6.4%) had lower rates of decline during the decade.

East Asia's four key importers during 1992-1994-South Korea (\$3 billion), China-Taiwan (\$2.4 billion), Japan (\$2 billion), and China-Mainland (\$1.7 billion)-accounted for 74% of the region's total arms purchases. China's inclusion in this group is mainly a result of its large purchases of over \$1.2 billion in 1992; since then China's imports have declined dramatically. In 1994 alone, South Korea ranked fifth in the world (tied with Israel), with \$1 billion, China-Taiwan ranked seventh, with \$775 million, and Japan ranked eighth, with \$650 million. North Korea, which imported large totals prior to the Soviet breakup, now imports minimal amounts of weapons.

Figure 11. Leading Arms Importers, 1994



The United States was the major supplier to East Asia during 1992-1994, providing 54% of all arms imported into the region. Nearly all of Taiwan's and Japan's and 44% of South Korea's purchases during this period were provided by the United States. Russia and Germany were the next largest suppliers, providing roughly 15% and 11% of the total. Nearly all Russian arms sold to the region were purchased by China, while Germany provided South Korea half of its total.

South Asia

South Asia's arms import market peaked at almost \$9 billion in 1989, but it has recorded large drops since, falling by 94% to \$540 million in 1994. Over the decade arms imports fell annually by 19% and 48% annually since 1990. India and Afghanistan have historically been the region's largest arms importers, each purchasing massive amounts of weaponry during the early part of the decade. Both countries cut their arms purchases dramatically in the latter years of the decade, with Afghanistan recording almost zero imports, following the breakup of the Soviet Union. Pakistan now shares with India the role of major arms importer in the region, although both imported relatively small amounts of weapons in 1994, \$260 and \$140 million worth, respectively. In terms of the world's leading arms importers, Pakistan ranked 18th and India, 28th. Over the 1992-1994 period both India and Pakistan recorded purchases of over \$1 billion, and together they made up 91 % of the region's total.

Russia and China are the primary suppliers of arms to South Asia, providing 78% of the region's total imports, with nearly all going to the two leading recipients.

Africa

African arms imports as a whole fell steadily throughout the decade, by roughly 25% annually, to a low of \$0.6 billion in 1993, then rose in 1994 to \$1.2 billion. This reversal in 1994 was due mainly to a large increase in Angola's arms imports, although North African imports also rose significantly. In 1994 Africa accounted for just over 5% of the world arms imports, compared to a 13% share in 1984.

Subsaharan Africa accounted for roughly three quarters of all imports into the continent during 1992-1994. Angola, ranked ninth in the world in 1994, accounted for half of these arms purchases, with \$865 million. Nigeria, Rwanda, Sudan, and Zimbabwe accounted for another 26%. Morocco imported roughly half of North Africa's \$600 million in military weapons during 1992-1994.

The sources of arms supplied to Africa are more diverse than for other regions of the world. Overall, Russia was the main supplier during 1992-1994, providing 26% of the total. The remaining shares were spread among the United States (17%), France (11%), China (8%), and the United Kingdom (6%). Other Western Europe and Middle East nations provided 11% and 7%, respectively.

Go to  [Next Page](#)  [Main Table of Contents](#)  [ACDA Homepage](#)

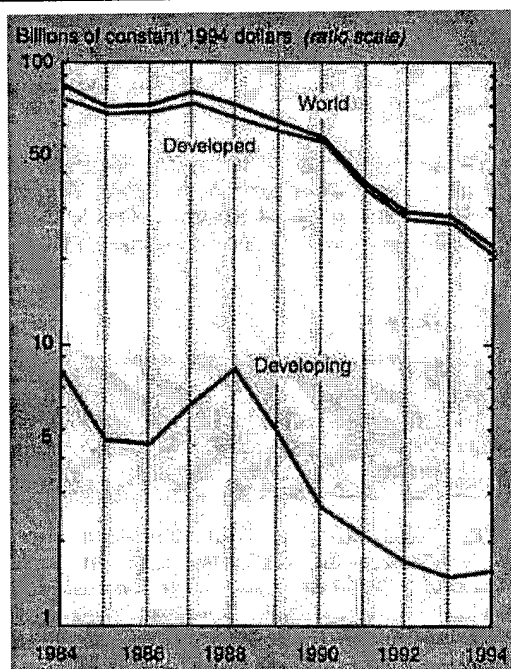
Arms Export Trends

World arms exports and world arms imports are opposite sides of the coin at the world level and behave identically, with matching drops in volume and annual rates of decline. Thus, as with total imports, **total exports declined by almost 73% since the beginning of the decade.** *As with world imports, the declines are subject to some upward revision in the latest years in future editions.*

This declining trend can be credited to both the developed and developing country groupings, here considered as arms exporters rather than importers and, as noted above, redefined in this edition. (See Statistical Notes, Coverage ...) Total arms exports by developed countries in 1994 were 72% less than in 1984 and by developing, 80% less. Over the decade arms exports fell by an annual rate of 12% for developed countries and 16% for developing. However, during the most recent five-year period, annual rates of decline for the two groupings switched in terms of pace. Arms exports fell by an annual rate of 19% for developed countries and 13% for developing (Table 5 and Figure 12).

Developed countries dominate the market in terms of arms exports, providing 93% of all weapons in 1994.

Figure 12. World Arms Exports, 1984-1994



The \$21 billion exported in 1994 was a drop of \$6.5 billion from 1993 and \$54.4 billion from 1984. On the other hand, the \$1.6 billion in arms provided by developing countries in 1994, 7% of the world total, was a slight increase of \$75 million from 1993. Aside from this increase, developing exports recorded consecutive drops since peaking at over \$8 billion in 1988, when they accounted for 11% of the world total. (For trends in exports by region, see Figure 13.)

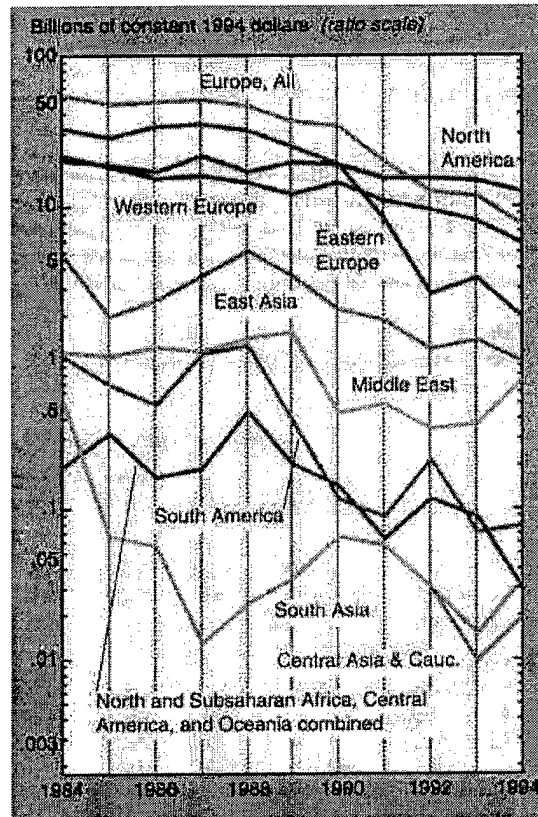
Table 5
World Arms Exports: Shares and Growth
 (In percent)

World Share	Real Growth Rate*
-------------	-------------------

	-----		-----	
			Decade	2nd Half
	1984	1994	84-94	90-94
World	100.0	100.0	-12.4	-18.8
Developed	90.5	93.0	-12.1	-19.2
Developing	9.5	7.0	-15.7	-12.9
Region				
North America	25.0	57.2	-3.9	-8.2
Western Europe	26.5	26.3	-10.4	-18.9
Eastern Europe	39.3	8.6	-26.2	-42.2
East Asia	5.9	4.4	-11.9	-17.4
Middle East	1.4	3.3	-11.2	7.4
South America	1.3	.4	-25.2	-9.5
South Asia	.6	.2	-14.5	-23.2
Oceania	.1	.1	-13.7	-21.8
Central Asia & Cauc.	-	.1	-	-
Cent. America & Car.	0	0	-10.4	17.7
North Africa	0	0	-36.4	-68.2
Subsaharan Africa	0	0	.7	-2.1
Europe, all	65.8	34.9	-17.9	-29.0
Africa, all	0	.3	-5.6	.2
Organization / Reference Group				
OECD	52.0	83.5	-6.8	-12.4
OPEC	.2	1.1	-9.4	11.4
NATO, all	49.3	82.3	-6.4	-12.2
Warsaw Pact (fmr)	38.3	8.6	-26.1	-41.8
NATO Europe	24.3	25.2	-10.0	-18.7
Latin America	1.3	.5	-23.1	-7.8
CIS	-	6.6	-	-

 * Average annual rate, calculated as a compound rate curve fitted to all points (see Statistical Notes for details).

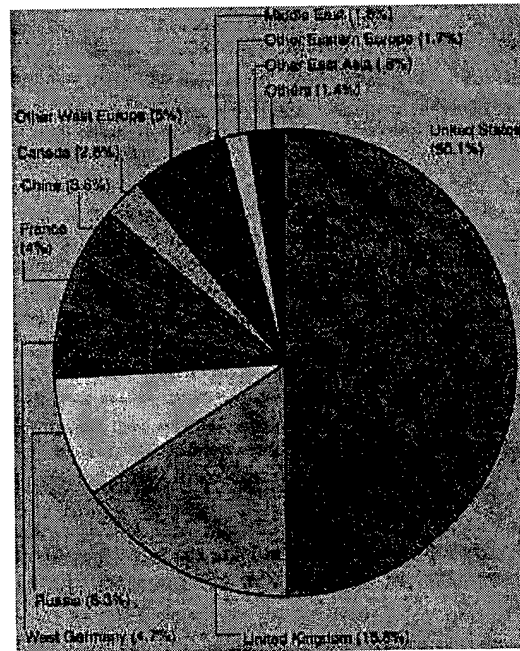
Figure 13. Arms Exports by Region, 1984-1994



**Table 6
Share of World Arms Exports (in percent)**

	SU				Other			
	US	RS	UK	GM	FR	W.Eur.	CH	Others
1984	24	32	4	5	10	8	3	14
1985	26	32	3	3	13	7	1	15
1986	23	39	7	2	8	5	2	14
1987	26	37	8	2	5	6	3	13
1988	23	37	8	3	3	6	5	15
1989	30	36	9	2	4	3	4	12
1990	33	33	9	4	10	3	3	5
1991	41	21	14	7	5	4	4	4
1992	47	8	16	5	5	6	3	10
1993	49	11	16	6	3	4	4	7
1994	56	6	15	3	4	4	4	8

Figure 14. World Arms Export Shares, 1992-1994



Overall in 1994 there were a total of 53 suppliers exporting arms to some 99 recipients. Only four developed countries-Iceland, Ireland, Luxembourg, and New Zealand-exported zero arms. Of the ten largest arms suppliers in 1994, all but China, with about \$800 million, were developed countries. Some 23 other developing countries exported arms in 1994, the next largest being Qatar, with \$130 million.

The ten largest suppliers in the world accounted for 93% of the total arms exports in 1994. **The top five-United States, United Kingdom, Russia, China, and France provided 84%** (Table 6 and Figure 15).

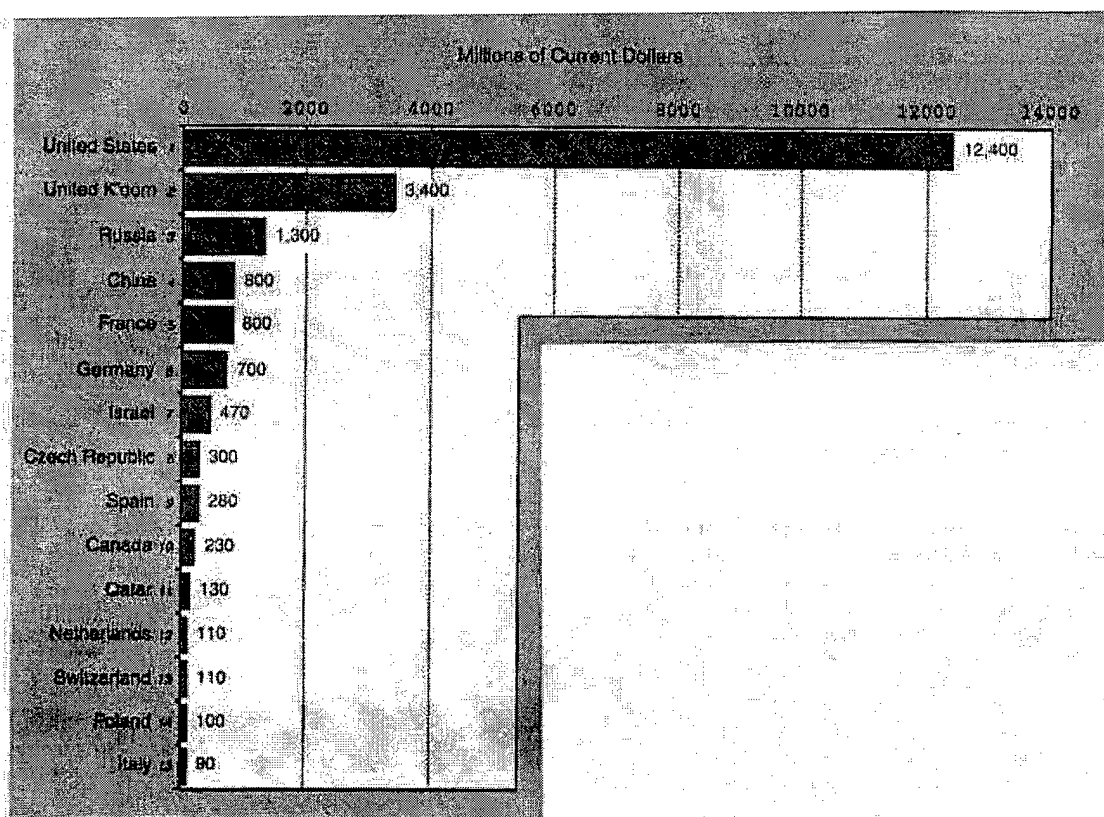
United States

Note: With this edition, the scope of U.S. arms exports is expanded to include exports of military services under the FMS program. (See Statistical Notes, Arms Transfers)

The United States continued to be the dominant supplier of arms to the world, providing exactly one half of the total in 1992-1994 (Figure 14) and well over half in 1994 (56%). US exports have fallen consistently during the decade, at an average rate of 4% since 1984 and 8% since 1990, from a high of almost \$21 billion in 1987 to a low of \$12.4 billion in 1994. However, the rate of decline for the United States, though quickening during the latter half of the decade, is much slower than for the world.

Of the over \$39 billion in weapons exported by the United States to the world during 1992-1994, half went to developed and half to developing countries. Of the half going to developed countries, 41% was delivered to NATO members.

Figure 15. Leading Arms Exporters, 1994



The Middle East is the main recipient of American arms. During 1992-1994 the region imported \$17.6 billion in arms from the United States; this amounted to 45% of total US exports, 52% of the region's imports, and more than double the amount exported to Western Europe. The four largest recipients of the region-Saudi Arabia, Egypt, Israel, and Kuwait-continued to be the United States biggest customers. Together, they imported nearly \$17 billion in U.S. arms during 1992-1994, 95% of the entire region's imports from the United States and 50% of its total purchases. Of this amount, Saudi Arabia alone purchased \$8.6 billion, or over half.

Western Europe imported over \$8 billion in weaponry from the United States during 1992-1994, second only to the Middle East. This amounts to 61% of total arms purchased by the region. Key purchasers Turkey (\$2.5 billion), Germany (\$1.1 billion), Spain (\$825 million), and the Netherlands and United Kingdom (\$675 million each) -accounted for 71 % of all US shipments into the region and 43% of its total imports. Turkey's \$2.5 billion alone accounted for 31% of US sales to Western Europe. In contrast, the United States provided only \$25 million in arms to Eastern Europe during this period.

The United States exported some \$6.6 billion in arms to East Asia in 1992-1994. Of this amount, 85% went to three recipients-China-Taiwan (\$2.4 billion), Japan (\$1.9 billion), and South Korea (\$1.3 billion). **All of Taiwan's and almost all of Japan's arms purchases were provided by the United States.** Exports to South Korea were shared equally between the United States and Germany.

Oceania (mainly Australia) imported over \$0.9 billion worth of US arms during the period. US exports to the other regions-South America, Central America, North and Sub-Saharan Africa, South Asia, Eastern Europe, and Central Asia-ranged from \$0.4 billion to nil and totaled \$0.8 billion.

Shown in Table 7 is the United States share of regional arms imports, cumulative for 1992-1994, by delivery and agreement sales (Table III). Noteworthy is the high U.S. share of regional arms import agreements in Oceania (80%), Western Europe (75%), Middle East (53%), and East Asia (49%).

Figure 16. Leading Arms Exporters by Country and Year, 1984-1994

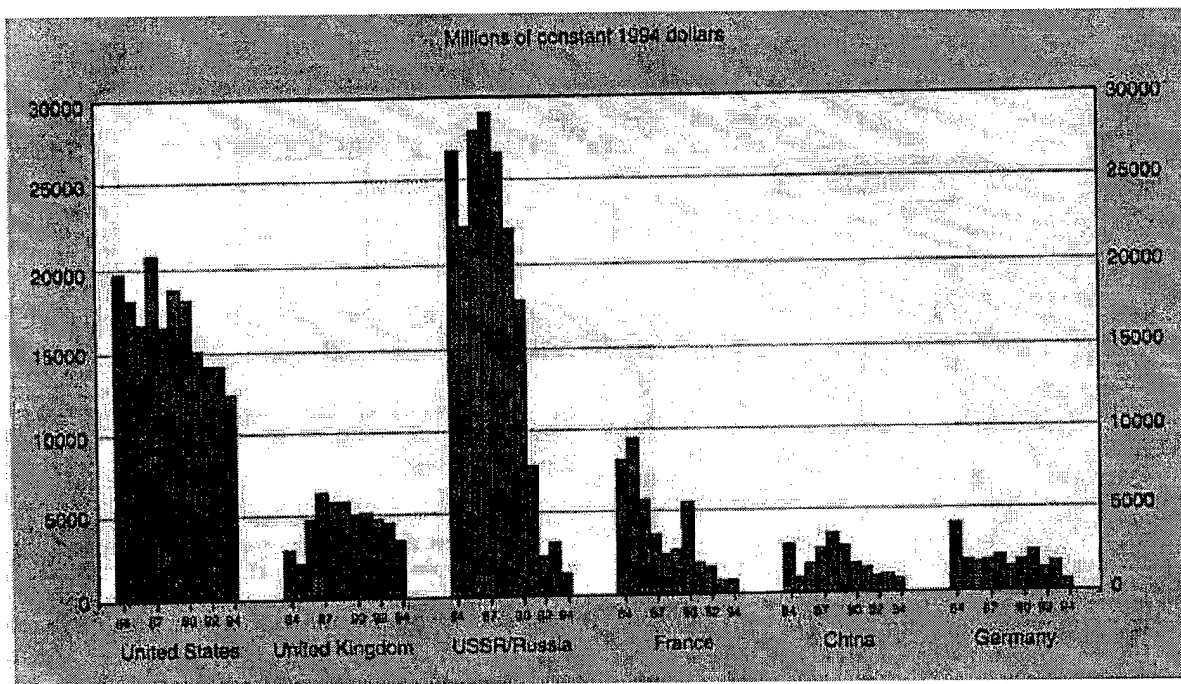


Table 7
United States Arms Export Shares (in percent)

US Share of Total
Recipient Imports

Recipient	Deliveries	Agreements
World	50	55
Developed	60	68
Developing	43	44
Africa	17	14
North America (NAFTA)	12	12
South America	36	26
Central America	60	40
Central Asia & Caucasus	0	0
East Asia	54	49
Middle East	52	53
South Asia	0	0

Western Europe	80	75
Eastern Europe	0	0
Oceania	75	80

Western and Eastern Europe

European countries provided 35% of total world arms purchases in 1994, down seven percentage points from their share in 1993 (Table 8). Total arms exports fell annually by 18% during the decade and 29% during the last half of the decade. As expected, these declines can be credited mostly to Eastern Europe, whose arms sales fell much faster, declining at 26% during the decade and dramatically at 42% since 1990, compared to the Western half's 10% and 19% rates, respectively. Eastern Europe supplied only 9% of the world market in 1994, compared to a share in the high-to-mid-thirties during most of the eighties. Eastern Europe's sales of \$2 billion in 1994 represented a 95% drop from the 1987 peak year amount of \$34.7 billion.

Russia is the key supplier of arms in Eastern Europe, with \$1.3 billion in deliveries in 1994 or over two-thirds of the region's total, though sales remain drastically lower than during the period of Soviet dominance (Figure 16). Over most of the decade, the Soviet Union maintained a stable share of the world's exports at 32-39%, but fell to 21% in 1991. Successor Russia's share plummeted to 8% in 1992, then rose to 11% in 1993 before falling again to 6% in 1994. In addition to Eastern Europe, the largest recipients of Russian arms have been in East Asia, which imported almost \$2 billion during 1992-1994, and the Middle East, importing \$1.6 billion. China (\$1.7 billion), Iran (\$1 billion), India (\$925 million), and Hungary (\$825 million) were Russia's largest importers of arms during this period. The Czech Republic is the next largest arms exporter of the region with \$300 million in sales in 1994. **From the world perspective, Russia was the third largest arms exporter in 1994, while the Czech Republic was in eighth place.**

Western Europe is now the second largest arms exporting region, accounting for 26% of the total world market in 1994. That was down slightly from the previous two years and on a par with its share at the beginning and middle of the decade (Table 8). The traditionally high arms exporting countries of the United Kingdom, Germany, and France continued to rank high. Over the last three years of the decade, these three made up almost one quarter of total world sales, while the remaining 17 Western European countries accounted for only 5%. Together they accounted for 63% of total European and 84% of Western European exports in 1994. In 1994 the United Kingdom (\$3.4 billion) ranked second in the world in terms of total arms exported, France (\$800 million) was tied with China at fourth, and Germany (\$700 million), ranked sixth.

The United Kingdom's arms sales peaked at \$6.4 billion in 1987 and have dropped steadily since, to a low of \$3.4 billion in 1994. **The United Kingdom has nevertheless become the region's leader in arms sales.** The 1994 amount accounted for 44% of Europe's total arms sales and 58% of Western Europe's, compared to 5% and 13% for the same groupings in 1984, respectively.

The United Kingdom's key arms recipient is Saudi Arabia, which imported \$9.4 billion, or 75% of all UK exports during 1992-1994. The next largest recipient was the United States, with imports of \$1.4 billion.

Germany's \$700 million in sales in 1994 was a 60% drop from the previous year's \$1.7 billion and a 83% drop from the 1984 peak year. In 1994 Germany accounted for 12% of Western Europe's arms sales. During 1992-1994 Germany exported \$3.7 billion in arms, mainly to other Western European countries (\$1.4 billion) and East Asia (\$1.3 billion). South Korea was the largest importer with \$1.2

billion in purchases during this period, followed by Greece (\$470 million), the United States (\$370 million), Switzerland (\$360 million), Israel (\$310 million), and Finland (\$280 million).

Table 8
European Arms Export Shares
(in percent)

	1984	1990	1992	1993	1994
Share of World Arms Exports					
Europe, all	66	61	42	41	35
Western Europe	26	26	33	29	26
Eastern Europe	40	35	9	12	9
Share of Western Europe's Arms Exports					
France	37	39	16	10	14
Germany	29	13	14	21	12
United Kingdom	13	36	49	55	58
Other NATO Europe	23	8	12	11	12
Share of Eastern Europe's Arms Exports					
USSR/Russia	82	95	87	90	69

French arms sales plummeted at a 21% annual rate over the decade and 38% during the most recent five year period. French exports fell steadily between 1984-1989, rose dramatically to \$5.5 billion in 1990, and have recorded steady drops since. In 1994 these sales made up 14% of Western European exports, compared to 37% in 1984. In 1992-1994 France sold over \$3 billion in arms mainly to its Western European neighbors (\$1.2 billion) and the Middle East (\$985 million). Sales to Saudi Arabia were \$525 million during this period, accounting for 17%. Greece and Switzerland (\$360 million each), and Finland (\$320 million) together accounted for one-third of total French sales during the three-year period.

In terms of the share of exports going to developing countries in 1992-1994, the United Kingdom rated a very high 83% due to large Saudi purchases, compared to France's 58%, the United States' 50%, and Germany's 10%.

Table 9 shows the major shifts that have taken place in the supply of arms to the developing countries as a group. Thus, the top suppliers at the beginning and end of the decade had the following ranks and shares of that market (in percent):

	1984	1994
United States	2) 14	1) 43
United Kingdom	6) 3	2) 22
Soviet Union/Russia	1) 38	3) 10
China	5) 5	4) 6
France	3) 12	5) 5
Germany	4) 6	6) 1

Table 9
Share of Total Arms Exports to Developing Countries (in percent)

	United States	United Kingdom	USSR/ Russia	China	France	(West) Germany
1984	14	3	38	5	12	6
1985	15	3	38	2	18	2
1986	15	7	46	3	10	1
1987	14	9	47	5	5	2
1988	11	9	49	7	3	2
1989	13	12	49	7	4	1
1990	18	11	43	4	14	1
1991	27	17	31	6	6	5
1992	41	22	12	5	4	1
1993	44	22	13	7	3	1
1994	43	22	10	6	5	1
1984-94	19	10	39	5	8	2

The United States has replaced the Soviet Union/Russia as the leading supplier, and the United Kingdom has surpassed both Russia and France to rise from sixth to second place. Both Russia and France have much-reduced shares, Russia dropping to third and France to fifth.

Developing Country Exporters

Developing countries exported roughly \$1.6 billion in arms in 1994. The grouping's share of world exports has been below the 10% mark throughout the decade, except 1988 when the share rose to 11.5%, then dropped as low as 5% in 1993 before rising to 7% in 1994. Over the decade, developing country arms exports dropped annually by an average 16% and 13% since 1990. The volume of exports has tapered off substantially since the early-to-mid 1980s, to a point where only a handful of countries play significant roles in exporting weapons, the dominant one being China.

China continues to be in a class by itself in terms of developing country arms exports, although it too recorded sharp declines in exports during the latter portion of the decade. Since peaking at over \$3.6 billion in 1988, sales dropped steadily (excluding a small increase in 1993), to roughly \$1 billion in the last three years. China, with \$800 million in 1994 arms sales, tied with France as the world's fourth leading arms exporter. China exported some \$2.8 billion in weaponry during 1992-1994, about 4% of total world sales, 94% of this amount going to developing countries. The main recipients were Pakistan (\$875 million), Iran (\$525 million), Burma (\$300 million), and Saudi Arabia (\$170 million), together, accounting for two-thirds of China's total.

Qatar (\$130 million), Iran (\$90 million), Brazil and Moldova (\$80 million each), and the Ukraine (\$60 million) also were among the top twenty exporters in 1992-1994.

Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Contents](#)  [ACDA Homepage](#)

Number of Weapons Delivered

Another measure of the arms trade besides the total dollar value of all arms exports is the number of units of major weapons transferred. This indicator shows a similar picture of a major downturn in recent years. The number of weapons by major type delivered to all developing countries over the last four three-year periods are as follows (in units; Table V).

	1983-85	'86-88	'89-91	'92-94
	-----	-----	-----	-----
Land Armaments				

Tanks	6,211	3,970	4,110	1,794
Artil., Field and Anti-Air	12,850	7,391	5,084	2,644
Armored Pers. Carriers	11,640	7,841	5,893	2,994
Naval Craft				

Major Surface Combatants	52	20	27	31
Other Surface Combatant	300	208	145	117
Submarines	9	17	6	5
Missile Attack Boats	34	5	9	12
Aircraft				

Combat Aircraft, Supers.	1,453	805	992	345
Combat Aircraft, Subsonic	280	160	190	94
Other Aircraft	1,000	799	487	364
Helicopters	1,155	824	681	295
Surface-to-Air Missiles				

	20,181	14,035	6,863	3,247
Total, all types	55,165	36,075	24,487	11,942

The overall pattern of decline for worldwide deliveries by type is similar among the periods (and for other periods since the late 1970s), indicating that the downturn in transfers of weapons has been across the board. A 78% decline in gross numbers was recorded between the first and last periods.

Such broad quantity measures, of course, can obscure the large variability in size, complexity, and military effectiveness that is possible within a single weapon type/supplier/year combination as well as across these three dimensions. Nonetheless, the quantity of transfers by weapon type can be a useful indication of the flow of arms.

The Soviet Union supplied by far the largest number of weapons to all developing regions over the 12-year period, though its existence ended in 1991. Soviet transfers predominated in most weapon types as well for each of the three-year periods (Table 10 and Main Table V). The last period of the decade, 1992-1994, saw a more even distribution among the key suppliers, with the United States having a 24% share, Russia 22%, France 15%, and China 11%. Remarkably, the United Kingdom, the second leading exporter to developing regions in current dollar terms, supplied only a 1% share of the market in unit terms.

Table 10
Suppliers of Major Weapons to Developing Regions, 1983-1994

Major Weapon Type	Total	Soviet Union	Russia	Other Warsaw Pact	United States	France	Unit Kingd
	In Units	(In Percent;					
LAND ARMAMENTS							
Tanks	16,085	45	4	10	14	1	2
Artillery, Field and Anti-Air	27,979	33	1	3	9	3	---
Armored Personnel Carriers	28,369	48	4	9	13	5	1
NAVAL CRAFT							
Major Surface Combatants	130	26	3	3	3	6	13
Other Surface Combatants	770	19	1	---	7	8	9
Submarines	37	46	8	---	---	---	---
Missile Attack Boats	60	16	7	---	---	7	---
AIRCRAFT							
Combat Aircraft, Supersonic	3,595	42	2	---	24	7	3
Combat Aircraft, Subsonic	724	26	---	---	39	4	21
Other Aircraft	2,650	22	1	11	10	4	4
Helicopters	2,955	49	3	6	14	15	2
MISSILES							
Surface-to-Air	44,315	53	2	12	11	8	4
(Total)	(127,669)	(45)	(2)	(9)	(12)	(6)	(2)
TOTALS BY PERIOD							
1992-94	11,942	...	22	5	24	15	1
1989-91	24,487	56	...	6	13	4	2
1986-88	36,075	58	...	6	8	4	2
1983-85	55,165	41	...	12	12	5	3

Regional Recipients

The Middle East received the largest number of major weapons over the entire 12-year period, with 55,970 units supplied to the region, 44% of the total supplied to developing countries (Table V). Of these weapons, 31,888 were land armaments, 304 were naval craft, 2,961 were aircraft, and 20,817 were surface-to-air missiles. Roughly 28% of the major arms supplied to the Middle East during the decade came from the Soviet Union, 14% from the United States, 12% from China, and 8% from France. During 1992-1994 the Middle East remained the leading importer of total weapons with 5,893 major weapons delivered, 49% of the total (Figure 17). However, the distribution of suppliers to the Middle East has changed dramatically over the decade, with the United States providing 37% of the total, France 20%, Russia 13% and China 2% in the latter period.

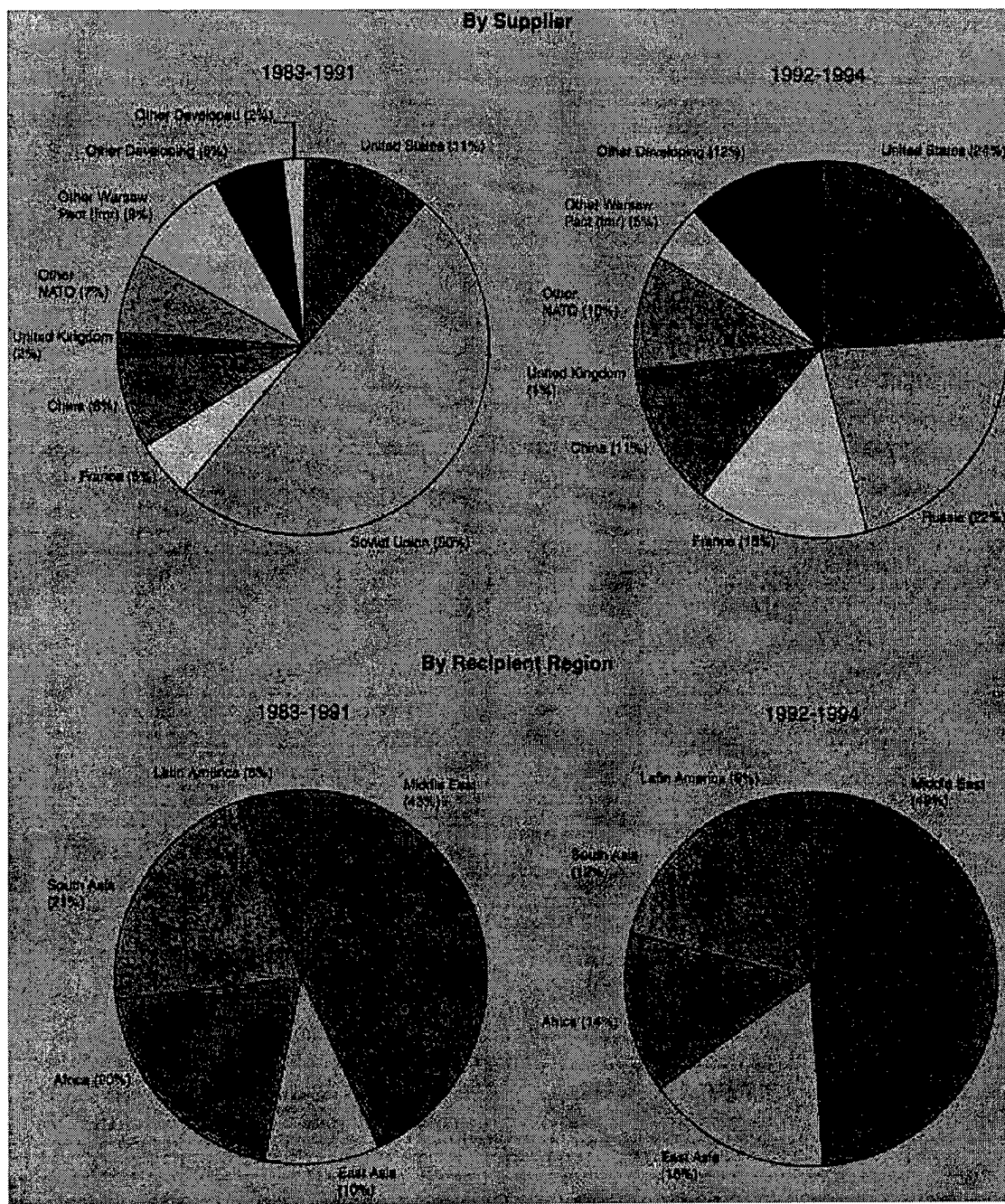
In terms of the entire period South Asia became the second largest recipient of major weapons, with 25,782 imported into the region, followed closely by Africa with 24,266, each accounting for roughly 20% of total transfers. The supply of arms to South Asia, historically dominated by the Soviet Union, experienced a large decline in deliveries during 1992-1994. The region now depends primarily on Russia and China for its weapons, the two combined making up a 77% share of the 1,403 weapons delivered during this period. Of these weapons, 950 were land armament weapons, 13 were naval craft, 100 were aircraft, and 340 were surface-to-air missiles.

African imports, dominated as well by the Soviet Union during the decade, also fell dramatically during the later three-year period, a drop that appears to be a continuance of a trend started prior to the breakup. There were 1,678 weapons delivered to Africa during 1992-1994, compared to 12,390 during 1983-1985. Of those delivered in the later period, 1,510 were land armament weapons, 32 were naval craft, 116 were aircraft, and 20 were surface-to-air missiles.

Over the decade East Asia imported 13,027 major weapons, only 10% of the total. However **during 1992-1994, the region was the second largest importer when 1,860 weapons went to the region, 16% of the total. Of these, 401 were land armaments, 54 were naval craft, 309 were aircraft, and 1,096 were surface-to-air missiles. The United States was the major supplier to the region, providing roughly one-third of the total throughout the early part of the decade, but this share fell during the last three year period to 25%.**

Major weapons supplied to Latin America made up 7% of the world total during the entire decade and 9% during the last three-year period. The Soviet Union was the leading supplier of major weapons to Latin America during the decade, accounting for 57% of the total, but in 1992-1994 the developing country grouping excluding China led the market, providing 36% of the total. This group was followed by Russia with 32%, and the United States with 10%.

Figure 17. Number of Arms Delivered to Developing Regions



Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Contents](#)  [ACDA Homepage](#)

Military Burden and Other Relative Indicators

Relative Burden

In addition to military expenditures, armed forces, and arms transfers, which serve as absolute measures of military effort, it is useful at times to compare these measures to other variables to obtain relative indicators of military effort. One such indicator, the force ratio, or the ratio of armed forces to population, is highlighted above under Armed Forces (Main Table I and Figure 18, first column). Another commonly used relative measure is the burden ratio, or the ratio of military expenditures to gross national product (ME/GNP; Figure 18, column two).

Figure 18
Relative Indicators - 1994 (all value figures in 1994 dollars)

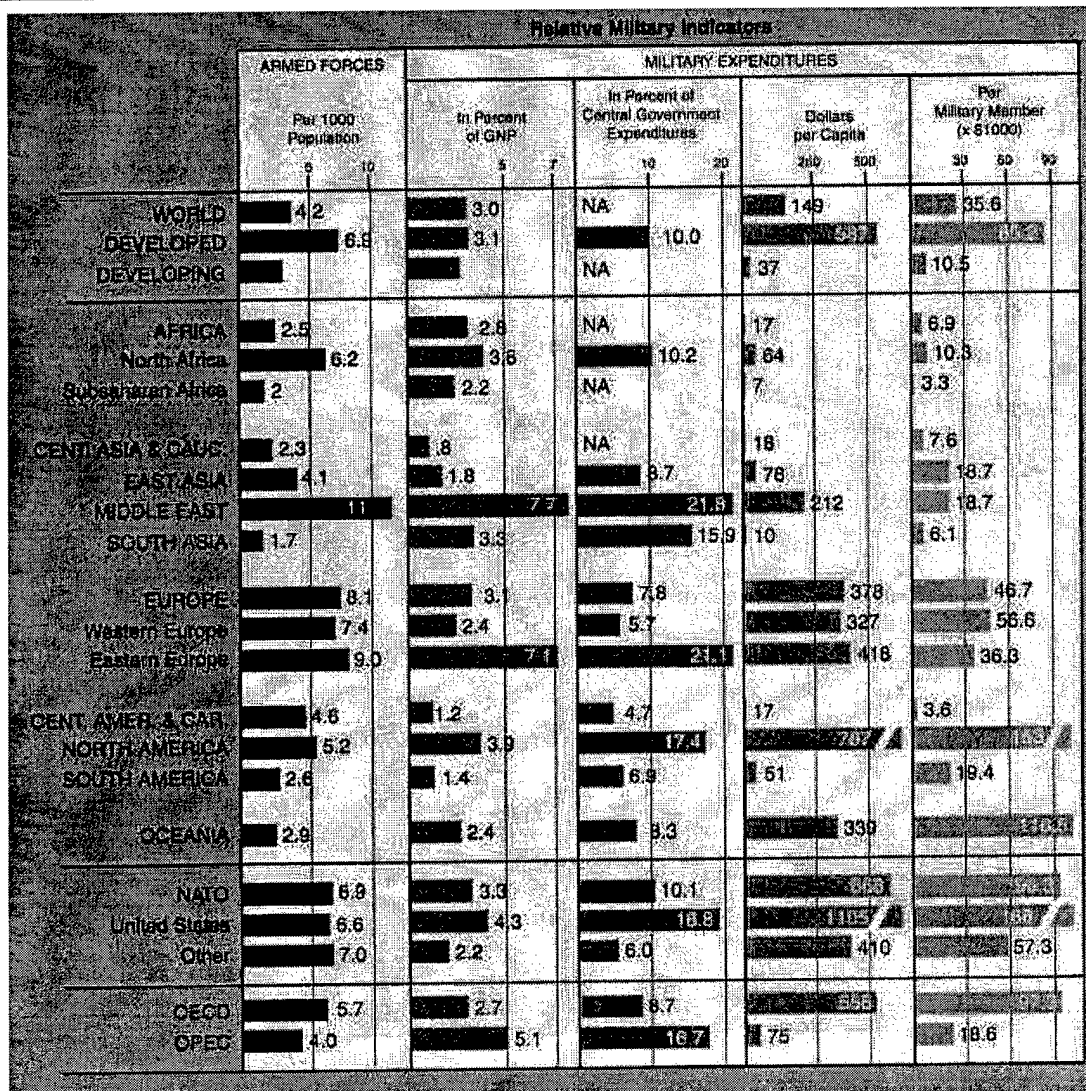
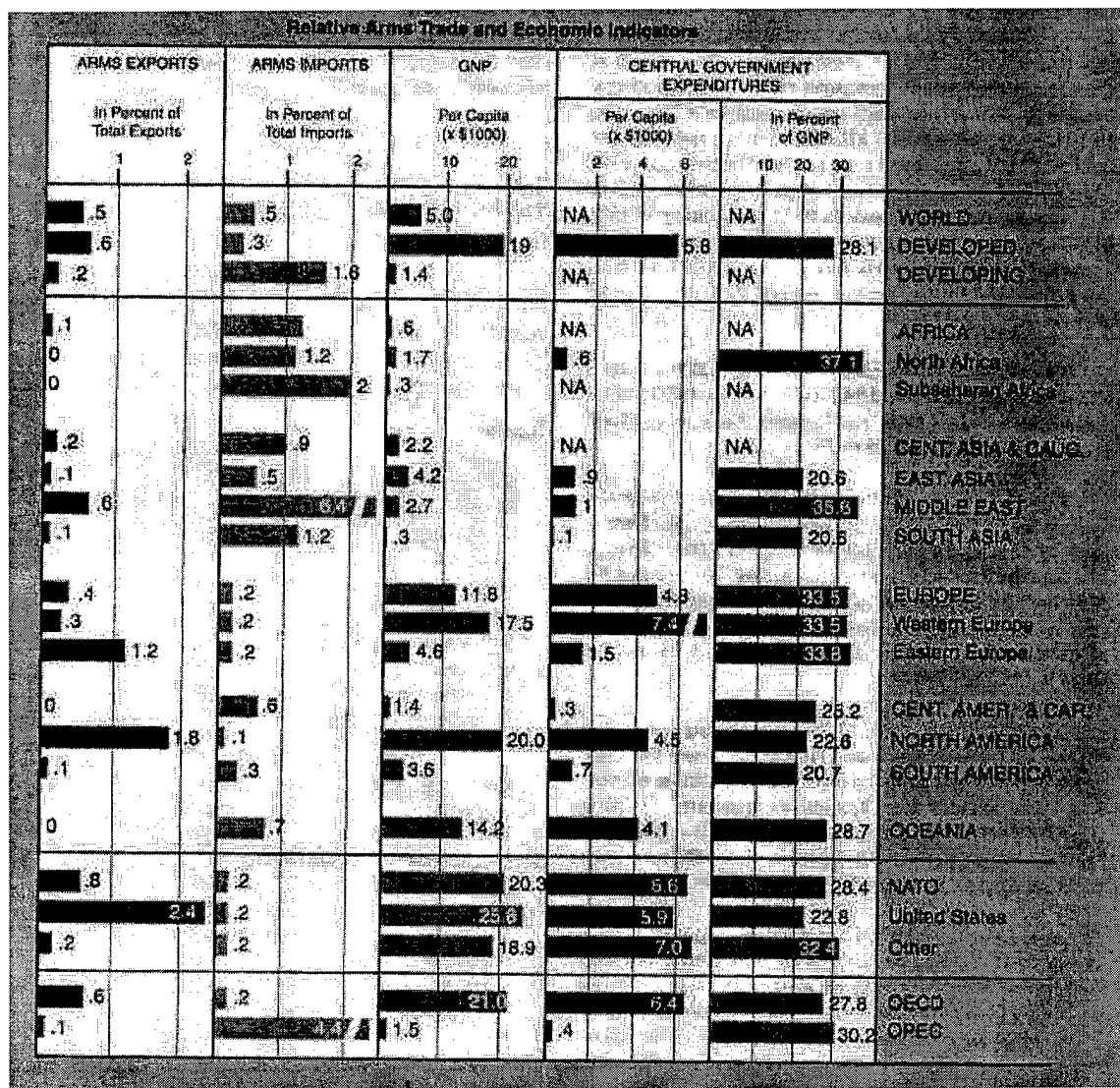


Figure 18 - continued
Relative Indicators - 1994 (all value figures in 1994 dollars)



Average Relative Indicators

The basic economic variables (population, GNP, central government expenditures (CGE), and total trade) contained in the Main Statistical Tables together with the military variables (military expenditures (ME), armed forces, and arms trade) make it possible to calculate a variety of useful ratios or relative indicators. Ten such average indicators for 1994 are presented in Figure 18, to facilitate both inter-group comparisons for a given indicator and an overview of all the indicators for a given group. Besides the usual groupings, U.S. and non-U.S. NATO subgroupings are also shown.

The average indicators in Figure 18 are calculated as the ratio of the group total for the numerator to the group total for the denominator. Such a ratio is equivalent to the weighted value of individual country values, with the denominator variable being the weighing factor. Consequently, the shift from 1993 to 1994 exchange rates is likely to result in changes in the relative weights of countries and may also cause changes in some group indicator levels from those shown in WMEAT 1993-94. See Statistical Notes, Conversion...to Dollars, for a discussion of the impacts of the shift in the exchange rate.

The ME/GNP Ratio

The burden ratio for the world fell to 3% in 1994, a new low for the decade (as well as for the

entire period since 1960) and a drop of 2.5 percentage points from the decade-peak 1984 level (Table 11 and Main Table I). This drop is due to the declining burden ratios in both the developed and developing countries. The ME/GNP burden for developing countries has fallen consistently over the decade, from 6.1% in 1984 to 2.6% in 1994, except for an increase in 1990. For the developed, the ratio has fallen from 5.5% to 3.1%.

Estimates of the burden ratio for most of the former Warsaw Pact countries and successors states after the collapse of the Soviet Union continue to be very rough and highly tentative; they should be treated with extra caution. Estimates reported here are often derived from a variety of sources that may not be consistent either within or among themselves as to relationships among variables or over time. In particular, the nominal ME/GNP burden ratios shown here for Russia in 1992 (16.3%), 1993 (14.3%), and 1994 (12.4%) may be somewhat high; **other respectable sources estimate the ratio for Russia to be in the vicinity of 10% or below.** Consequently, the burden ratio for those country groupings in which Russia has a large weight, such as Eastern Europe and the former Warsaw Pact, may also be overstated.

The Western Europe burden ratio has fallen from a decade high 3.4% in 1984 to 2.4% in 1994. The estimated burden ratio for Eastern Europe declined from roughly 12% in 1984 to 7% in 1994.

The ratio for NATO as a whole declined over the decade by one and one half percentage points, from a high of almost 5% in 1986 to 3.3% in 1994. Greece (5.6%), the United States (4.3%), and Turkey (4.1%) recorded the highest ratios of all NATO countries. The ratio for the US fell steadily since peaking at 6.6% in 1986, to 4.9% in 1991, then rose slightly in 1992 to 5.1% and fell again in 1993 and 1994.

The Middle East ratio (7.7%) was the highest of any region in 1994; it and Eastern Europe were the only regions of the world to record ME/GNP ratios of over 5%. The Middle East has shown dramatic declines annually from the very high ratios in the high-to-mid teens recorded during the 1984-1991 period. The 1994 ratio is 10 percentage points down from 1984's 18% in the peak year.

A handful of Middle East countries-Kuwait (11%), Oman (18%), Saudi Arabia (18%), and Yemen (14.5%)-recorded ratios of 10% or higher in 1994. Of the remaining countries, Bahrain recorded a ratio of 6.4% in 1994, while all other countries' ratios were 5% or lower. Iran's ratio of 2.4% in 1994, though roughly estimated, shows a continued decline from its decade high of 11% recorded in 1986, 8.3 percentage points fewer than in 1994.

Five of the nine countries in the world with estimated ME/GNP ratios of over 10% were in the Middle East-the four mentioned above plus Iraq, whose absolute values are highly estimated. Bosnia and Herzegovina, North Korea, and Russia are the remaining three countries with ratios reaching this level.

Figure 19 cross classifies all countries in 1994 according to both burden ratio and income level, as measured by GNP per capita. The widespread scatter of countries throughout the entire matrix suggests that income level or stage of development is not a critical determinant of the burden ratio. Involvement in civil or external war, military threats by neighbors, or over-emphasis on military power are probably more relevant.

Table 11
The Burden Ratio: ME/GNP (In percent)

	1984	1990	1992	1994
World	5.5	4.4	3.6	3.0
Developed	5.4	4.4	3.6	3.1
Developing	6.1	4.5	3.6	2.6
Region				
Middle East	17.9	16.5	14.5	7.7
Eastern Europe	11.8	9.7	9.4	7.1
North America	5.7	5.0	4.6	3.9
North Africa	9.5	5.2	4.5	3.8
South Asia	3.8	3.5	3.0	3.3
Oceania	2.5	2.3	2.4	2.4
Western Europe	3.4	2.9	2.6	2.4
Subsaharan Africa	3.3	3.0	3.9	2.2
East Asia	2.5	2.0	1.8	1.8
South America	2.4	1.9	1.6	1.4
Central America & Car.	3.9	2.8	1.4	1.2
Central Asia & Cauc.	---	---	1.2	.8
Europe, all	6.6	5.2	3.9	3.2
Africa, all	5.5	4.0	3.8	2.8
Organization / Reference Group				
OECD	3.7	3.2	2.9	2.7
OPEC	12.6	12.0	10.6	5.1
NATO, all	4.8	4.2	3.8	3.3
Warsaw Pact (fmr)	12.1	9.8	8.6	6.6
NATO Europe	3.5	3.0	2.7	2.5
Latin America	2.1	1.6	1.3	1.2
CIS	---	---	10.8	8.5

In accord with the generally declining tendency of the burden ratios in recent years, the most dense cells in the matrix have moved downward toward lower burden ratios. In comparison to the similar chart for 1993 in WMEAT 1993-1994, there were two fewer countries with estimated ME/GNP ratios of over 10% in 1994 and nine fewer with ratios between 5-10%. The number of mid-ratio countries, with ratios of 2-5%, stayed the same in 1994, while there were four more countries with ratios of 1-2% and six more with ratios of under 1%.

The ME/CGE Ratio

The percentage of central government expenditures spent on defense (ME/CGE) is another useful measure of military effort. It complements the ME/GNP ratio and can show a differing comparative burden level from the latter, since the ratios of CGE to GNP varies considerably. For example, ratios for ME/CGE in 1994 ranged from almost 22% in the Middle East to roughly 5% in Central America (Figure 18, column three and Table 12). Use of the ME/CGE ratio as a measure of military effort is limited in this edition by the lack of 1994 central government expenditures data for countries of Subsaharan Africa and Central Asia, resulting in aggregate data not being available for those regions and the developing and world totals.

For developed countries the ME/CGE ratio fell only slightly to 10% from 1993. This continues a decade long downward trend from the early part of the decade, which had ratios reaching in the high teens.

Figure 19. Relative Burden of Military Expenditure--1994

ME/GNP* (%)	GNP PER CAPITA (1994 dollars)					
	Under \$200	\$200-499	\$500-999	\$1,000-2,999	\$3,000-9,999	\$10,000 and over
10% and over			Bosnia & Herzog.† North Korea Iraq†	Yemen	Oman Saudi Arabia Russia	Kuwait
5-9.99%	Mozambique Rwanda† Afghanistan†	Laos Pakistan	Angola† Serbia & Montan.†	Croatia† Jordan Botswana Djibouti†	Bahrain Greece	Israel Brunei
2-4.99%	Sierra Leone Burundi Tanzania Chad Ethiopia Burkina Faso Zaire	Sudan† Mauritania The Gambia Zimbabwe Guinea Bissau Central Afr. Repub. Togo Cambodia Congo Mongolia Benin Equatorial Guinea Vietnam Kenya	Sri Lanka Egypt Bolivia Liberia†	Burma Turkey Morocco Suriname Tunisia Ecuador Algeria Lebanon† Albania† Gabon† Thailand Romania Iran South Africa China	Cyprus† Syria† Libya South Korea Malaysia Bulgaria Czech Republic Nicaragua Uruguay Portugal Slovakia Poland†	Taiwan United Arab Emirs† Singapore United States Qatar France United Kingdom Norway Sweden Australia Netherlands Finland Italy†
1-1.99%	Nepal Malawi	Comoroon Haiti Mali Bangladesh Senegal Uganda Zambia Ivory Coast	Lesotho Philippines Macedonia† Honduras Guinea Guyana Indonesia Cape Verde	Colombia Namibia Fiji Bolivia Swaziland Peru Cuba Guatemala Venezuela Paraguay El Salvador Dominican Rep. Papua New Guin. Azerbaijan	Chile Hungary Trinidad & Tobago Argentina Latvia Slovenia Malta† Brazil	Denmark Switzerland Canada Germany Belgium Spain Ireland New Zealand
Under 1%	Niger Bhutan† Somalia† Sao Tome & Prnc.†	Madagascar Nigeria Ghana		Tajikistan Kazakhstan Armenia Moldova† Georgia† Kyrgyzstan Uzbekistan Jamaica Costa Rica† Panama	Estonia Barbados Mexico Lithuania Ukraine Turkmenistan Belarus Mauritius	Japan Austria Luxembourg Iceland

* Countries are listed within blocks in descending order of ME/GNP.
† Ranking is based on a rough approximation of one or more variables, for which 1994 data or a reliable estimate is not available.

Table 12
The ME/CGE Ratio
(In percent)

	1984	1990	1992	1994
World	19.1	16.5	12.1	---
Developed	18.5	16.0	11.5	10.0
Developing	21.9	19.3	14.5	---
Region				
Middle East	34.6	49.2	41.4	21.8
Eastern Europe	43.2	36.7	18.3	21.1
North America	23.8	21.5	19.5	17.4
South Asia	18.6	15.8	14.3	15.9
North Africa	22.6	16.0	13.6	10.2
East Asia	12.9	11.5	9.1	8.7
Oceania	8.3	8.3	8.1	8.3
South America	9.1	7.4	7.3	6.9
Western Europe	8.2	7.4	6.3	5.7
Cent. America & Car.	10.5	9.5	5.4	4.7
Central Asia & Cauc.	---	---	3.4	---
Subsaharan Africa	13.6	11.6	14.4	---
Africa, all	17.2	13.6	12.3	---
Europe, all	18.5	15.2	9.1	7.8
Organization / Reference Group				
OECD	12.8	11.7	9.8	8.7
OPEC	31.8	42.9	37.4	16.7
NATO, all	14.8	13.3	11.5	10.1
Warsaw Pact (fmr)	43.2	36.6	17.2	21.52
NATO Europe	8.5	7.6	6.5	5.8
Latin America	7.8	6.5	6.3	6.0
CIS	---	---	18.6	---

In 1994 ratios fell for all regions of the world except Eastern Europe (up six percentage points) and South Asia (up .9).

The Middle East ranks as the leader in terms of this ratio with 22% in 1994, just slightly higher than Eastern Europe's 21%. The ME/CGE ratio for the Middle East fell 4.3 percentage points from 1993, while Eastern Europe's rose by 5.9 points. Over the decade both regions showed much higher ME/CGE ratios than other regions; the Middle East ratio reached as high as 50% before beginning a decline in 1992 and Eastern Europe peaked at 43%.

Other regions to record ME/CGE ratios of over 10% in 1994 were North America (17.4%), South Asia (15.9%), and North Africa (10.2%).

ME per Capita

The military expenditures per capita ratio, another complementary measure of military burden or effort, also shows a wide gap between developed and developing countries (Figure 18, column four). The gap amounted to \$550 in 1994 when the measure averaged \$587 for developed and \$37 for developing countries. This gap has narrowed steadily over the decade, with the ratio falling faster for developed countries.

In 1994, North America led the world' regions in terms of this ratio with \$787, followed at a distance by Eastern Europe (\$418), Oceania (\$339), and Western Europe (\$327). The lowest ratios were recorded by Subsaharan Africa (\$7), South Asia (\$10), Central America (\$17) and Central Asia (\$18). The four countries topping the list were Kuwait (\$1,838), Israel (\$1,304), United States (\$1,105), Brunei (\$1,087), and Singapore (\$1,072).

ME/AF Ratio

Military expenditures per member of the armed forces (ME/AF) is a different kind of relative indicator. Rather than burden, it measures the level of armament and military effort per soldier (to the extent that the dollar values of military expenditures, usually exchange-rate-converted, succeed in measuring that effort accurately).

In terms of this indicator, developed countries in 1994 (averaging \$85,200) exceeded the developing countries (averaging \$10,800) by roughly 8 times, with a difference between the two groups of \$74,400 (Figure 18, column five).

In 1994, the highest regional ratios were again recorded by North America (\$153,000). Oceania and Western Europe followed with ratios of \$116,500 and \$57,000, respectively. All other regions recorded ratios below \$50,000.

Eleven countries spent over \$100,000 per soldier in 1994, including the developed countries of Western Europe, the United States, Canada, Japan, and Australia, and the high income Middle Eastern countries of Kuwait and Saudi Arabia (see Country Rankings).

Arms Trade/Total Trade

The drastic decline in the arms trade in recent years coupled with the moderate increase in total trade caused the ratio of the two measures to drop substantially—from a world average of 3.1% in 1984 to .5% in 1994. In terms of its 4 main components, this ratio looks as follows (in percent; Main Table I):

	Developed	Developing
Arms imports/total imports:		
1984	0.9	11.8
Peak	.9 ('84-7)	11.8 ('84)
1994	.3	1.6
Arms exports/total exports:		
1984	3.6	1.4
Peak	3.6 ('84)	1.6 ('88)
1994	.6	.2

Over the decade, all four of the above component ratios were reduced by two-thirds and more. Most notable are the average 85% drops from their peak years in the arms exports/total exports ratio for both the developing and developed countries and in the arms imports/total imports ratio for developing

countries.

Other Indicators

GNP per capita for the world as a whole fell during 1990-1993, rising only slightly in 1994 to \$5,366. The ratio for both developed and developing countries continued an upward trend in 1994, growing at roughly the same pace over the decade at 2.5%. The ratios grew slightly faster during the latter half of the decade at about 3.6%. In 1994, the developed countries peaked at \$19,050 and the developing countries at \$1,388 (Main Table I).

Over the decade, declining rates were experienced by Africa (1%), the Middle East (2%), Central America (3%), and Eastern Europe (7%).

Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Contents](#)  [ACDA Homepage](#)

ESSAYS

The past year saw two important developments in the policy of the United States Government regarding the control of conventional arms and associated dual-use goods and technologies. The first, in February 1995, was the formulation and issuance by the White House of the President's major new statement of overall U.S. policy governing exports, or "transfers," of conventional arms (see Note 1). The second, in December 1995, was the reaching of an international agreement on the initial framework of the "Wassenaar Arrangement," a new, global regime to increase transparency and responsibility of trade in conventional arms and dual-use goods and technology. It succeeds the so-called "COCOM" (see Note 2) regime for multilateral controls on exports to communist countries during the Cold War.

The U.S. Arms Control and Disarmament Agency, along with the Departments of State, Defense, and Commerce, took part in the formulation, negotiations, and implementation of these new policies and actions. They are described in the following sets of documentary and discussion texts regarding each of the two developments.

Note 1 - Statement by White House Press Secretary Michael McCurry and fact sheets released by the White House, Office of the Press Secretary, February 17, 1995. Discussion by the Weapons Technology and Control Division, Nonproliferation and Regional Arms Control Bureau, ACDA.

Note 2 - The Coordinating Committee for Multilateral Export Controls. See "The Wassenaar Arrangement," below.

Contents

The President's Policy on the Transfer of Conventional Arms

Fact Sheet: Conventional Arms Transfer Policy

Fact Sheet: Criteria for Decisionmaking on U.S. Arms Exports

Discussion

The Wassenaar Arrangement on Export Controls for Conventional Arms and Dual-Use Goods and Technologies

Discussion

The Wassenaar Arrangement *

* An address by Lynn E. Davis, Under Secretary of State for Arms Control and International Security Affairs, given to the Carnegie Endowment for International Peace, Washington D.C. on January 23, 1996.

Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Contents](#)  [ACDA Homepage](#)

The President's Policy on the Transfer of Conventional Arms

Statement of Policy

The President has approved a comprehensive policy to govern transfers of conventional arms. This policy, as detailed in the attached fact sheets, serves our nation's security in two important ways. First, it supports transfers that meet the continuing security needs of the United States, its friends, and allies. Second, it restrains arms transfers that may be destabilizing or threatening to regional peace and security.

This policy reflects an approach toward arms transfers that has guided the Administration's decisions over the last two years. Specifically, the United States continues to view transfers of conventional arms as a legitimate instrument of U.S. foreign policy-deserving U.S. Government support- when they enable us to help friends and allies deter aggression, promote regional security, and increase interoperability of U.S. and allied forces. Judging when a specific transfer will meet that test requires examination of the dynamics of regional power balances and the potential for destabilizing changes in those regions. The criteria guiding those case-by-case examinations are set forth in the attached guidelines for U.S. decision-making on conventional arms transfers.

The centerpiece of our efforts to promote multilateral restraint is our initiative to work with allies and friends to establish a successor regime to COCOM. The new regime should establish effective international controls on arms sales and the transfer of sensitive technologies-particularly to regions of tension and to states that pose a threat to international peace and security. While pursuing multilateral restraint through this and other mechanisms, such as the UN Conventional Arms Register and regional initiatives, the United States will exercise unilateral restraint in cases where overriding national security or foreign policy interests require us to do so.

Fact Sheet: Conventional Arms Transfer Policy

The U.S. conventional arms transfer policy promotes restraint, both by the U.S. and other suppliers, in transfers of weapons systems that may be destabilizing or dangerous to international peace. At the same time, the policy supports transfers that meet legitimate defense requirements of our friends and allies, in support of our national security and foreign policy interests.

Our record reflects these considerations. U.S. arms sales remain close to our historical average, approximately \$12 billion in government-to-government sales agreements in FY 1994. U.S. arms deliveries have also remained flat. Sales and deliveries have been primarily to allies and major coalition partners such as NATO member states and Israel.

U.S. Goals

The policy issued by the President will serve the following goals:

- **To ensure that our military forces can continue to enjoy technological advantages over potential adversaries.**
- **To help allies and friends deter or defend themselves against aggression, while promoting interoperability with U.S. forces when combined operations are required.**
- **To promote regional stability in areas critical to U.S. interests, while preventing the proliferation of weapons of mass destruction and their missile delivery systems.**
- **To promote peaceful conflict resolution and arms control, human rights, democratization, and other U.S. foreign policy objectives.**
- **To enhance the ability of the U.S. defense industrial base to meet U.S. defense requirements and maintain long-term military technological superiority at lower costs.**

Supporting Arms Control and Arms Transfer Restraint

A critical element of U.S. policy is to promote control, restraint, and transparency of arms transfers. To that end, the U.S. will push to increase participation in the UN Register of Conventional Arms. We will also take the lead to expand the register to include military holdings and procurement through national production, thereby providing a more complete picture of change in a nation's military capabilities each year.

The U.S. also will support regional initiatives to enhance transparency in conventional arms—such as those being examined by the OAS and ASEAN—and will continue to adhere to the London and OSCE guidelines, while promoting adherence to such principles by others.

The United States will continue its efforts to establish a successor export control regime to the Cold War-era COCOM. Our goals for this regime are to increase transparency of transfers of conventional arms and related technology, to establish effective international controls, and to promote restraint—particularly to regions of tension and to states that are likely to pose a threat to international peace and security.

The United States will also continue vigorous support for current arms control and confidence-building efforts to constrain the demand for destabilizing weapons and related technology. The United States recognizes that efforts such as those underway in the Middle East and Europe bolster stability in a variety of ways, ultimately decreasing the demand for arms in these vital regions.

The United States will act unilaterally to restrain the flow of arms in cases where unilateral action is effective or necessitated by overriding national interests. Such restraint would be considered on a case-by-case basis in transfers involving pariah states or where the U.S. has a very substantial lead on weapons technology; where the U.S. restricts exports to preserve its military edge or regional stability; where the U.S. has no fielded counter-measures; or where the transfer of

weapons raises issues involving human rights or indiscriminate casualties, such as anti-personnel landmines.


Finally, the U.S. will assist other suppliers in developing effective export control mechanisms to support responsible export policies. The United States also will continue to provide defense conversion assistance to the states of the former Soviet Union and Central Europe as a way of countering growing pressures to export.

Supporting Responsible U.S. Transfers

Once an approval for a transfer is made, the U.S. Government will provide support for the proposed U.S. export. In those cases, the United States will take such steps as tasking our overseas mission personnel to support overseas marketing efforts of American companies bidding on defense contracts, actively involving senior government officials in promoting sales of particular importance to the United States, and supporting official Department of Defense participation in international air and trade exhibitions when the Secretary of Defense, in accordance with existing law, determines such participation to be in the national interest and notifies Congress.

Decision-making on U.S. Arms Exports: Criteria and Process

Given the complexities of arms-transfer decisions and the multiple U.S. interests involved in each decision, decisions will continue to be made on a case-by-case basis. These case-by-case reviews will be guided by a set of criteria that draw the appropriate balance between legitimate arms sales to support the national security of our friends and allies and the need for multilateral restraint against the transfer of arms that would enhance the military capabilities of hostile states or that would undermine stability.

Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Contents](#)  [ACDA Homepage](#)

Fact Sheet: Criteria for Decisionmaking on U.S. Arms Exports

Given the complexities of arms-transfer decisions and the multiple U.S. interests involved in each arms-transfer decision, the U.S. Government will continue to make arms-transfer decisions on a case-by-case basis. These reviews will be guided by the criteria below.

General Criteria

All arms-transfer decisions will take into account the following criteria:

- **Consistency with international agreements and arms control initiatives.**
- **Appropriateness of the transfer in responding to legitimate U.S. and recipient security needs.**
- **Consistency with U.S. regional stability interests, especially when considering transfers involving power projection capability or introduction of a system which may foster increased tension or contribute to an arms race.**
- **The degree to which the transfer supports U.S. strategic and foreign policy interests through increased access and influence, allied burden sharing, and inter-operability.**
- **The impact of the proposed transfer on U.S. capabilities and technological advantage, particularly in protecting sensitive software and hardware design, development, manufacturing, and integration knowledge.**
- **The impact on U.S. industry and the defense industrial base whether the sale is approved or not.**
- **The degree of protection afforded sensitive technology and potential for unauthorized third-party transfer, as well as in-country diversion to unauthorized uses.**
- **The risk of revealing system vulnerabilities and adversely impacting U.S. operational capabilities in the event of compromise.**
- **The risk of adverse economic, political, or social impact within the recipient nation and the degree to which security needs can be addressed by other means.**
- **The human rights, terrorism, and proliferation record of the recipient and the potential for misuse of the export in question.**
- **The availability of comparable systems from foreign suppliers.**
- **The ability of the recipient effectively to field, support, and appropriately employ the requested system in accordance with its intended end use.**

Upgrade Criteria

Upgrades of equipment-particularly that of former Soviet-bloc manufacture-is a growing segment of the market. The U.S. Government should support U.S. firms' participation in that market segment to the extent consistent with our own national security and foreign policy interests. In addition to the above general criteria, the following guidelines will govern U.S. treatment of upgrades:

- **Upgrade programs must be well defined to be considered for approval.**
- **Upgrades should be consistent with general conventional arms transfer criteria outlined above.**
- **There will be a presumption of denial of exports to upgrade programs that lead to a capability beyond that which the U.S. would be willing to export directly.**
- **Careful review of the total scope of proposed upgrade programs is necessary to ensure that U.S. licensing decisions are consistent with U.S. policy on transfers of equivalent new systems.**
- **U.S. contributions to upgrade programs initiated by foreign prime contractors should be evaluated against the same standard.**
- **Protection of U.S. technologies must be ensured because of the inherent risk of technology transfer in the integration efforts that typically accompany an upgrade project.**
- **Upgrades will be subject to standard U.S. Government written end-use and retransfer assurances by both the integrator and final end user, with strong and specific sanctions in**

place for those who violate these conditions.

- **Benchmarks should be established for upgrades of specific types of systems, to provide a policy baseline against which 1) individual arms transfer proposals can be assessed and 2) proposed departures from the policy must be justified.**

Go to  [Next Page](#)  [Main Table of Contents](#)  [ACDA Homepage](#)

DISCUSSION

In February 1995, the White House announced the President's Conventional Arms Transfer (CAT) Policy, which emphasizes multilateral restraint, set forth criteria for case-by-case decision-making on U.S. arms exports, and continues support for transfers that serve U.S. interests.

The policy's balancing of foreign policy and national security interests gives a prominent place to arms control. Its criteria for evaluating proposed transfers explicitly include arms control and regional stability considerations. The policy emphasizes a number of arms control and nonproliferation objectives, including the need to:

- preserve regional military balances, prevent the proliferation of weapons of mass destruction, promote peaceful conflict resolution and arms control, and support regional stability;
- maximize transparency, responsibility, and restraint wherever possible;
- expand and increase participation in the UN Register of Conventional Arms, and support similar regional initiatives;
- create a new post-COCOM regime-the first multilateral export control regime concerned with the regional security implications of transfers of arms and sensitive dual-use technology (see "Wassenaar Arrangement," below);
- continue our strong support for ongoing regional arms control, confidence-building measures, and defense conversion efforts;
- seek other opportunities to develop and pursue multilateral restraint measures as well as regional arms control initiatives;
- maintain unilateral arms export restraints in several areas.

ACDA played an integral part in the development of the Administration's policy. The same will be true of its implementation, where ACDA will continue to subject proposed U.S. arms transfers to a rigorous arms control evaluation, as required by statute. Further, in response to the changing world situation and in an effort to bring more focus to the new CAT policy, ACDA and other agencies have been developing "regional" policies that take into account the specific situation encountered in each area. Such policies clarify the pros and cons of potential transfers in view of the regional dynamic, avoiding the pitfalls of piecemeal approaches and resulting in more proactive and consistent arms transfers decisions. In 1995 our effort focused on developing such policies for Central Europe, South America, Southeast Asia, and the Middle East.

Go to [Next](#) [Next Page](#) [Contents](#) [Table I Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

The Wassenaar Arrangement on Export Controls for Conventional Arms and Dual-Use Goods and Technologies*

Final Declaration (of the Parties)

1. Representatives of Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Japan, Luxembourg, The Netherlands, New Zealand, Norway, Poland, Portugal, the Russian Federation, the Slovak Republic, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States met in Wassenaar, the Netherlands, on 18 and 19 December 1995.

2. The representatives agreed to establish *The Wassenaar Arrangement on Export Controls for Conventional Arms and Dual-Use Goods and Technologies*.

3. The representatives established initial elements of the new arrangement, to be submitted to their respective Governments for approval.

4. They also established a Preparatory Committee of the Whole to start work in January 1996.

5. The Representatives agreed to locate the Secretariat of *The Wassenaar Arrangement* in Vienna, Austria. The first plenary meeting will take place in Vienna on 2 and 3 April 1996.

Fact Sheet (Department of State)

Twenty-eight countries agreed today in the Hague to establish the Wassenaar Arrangement on Export Controls for Conventional Arms and Dual-Use Goods and Technologies. They will form for the first time a global multilateral regime covering both armaments and sensitive dual-use goods and technology. The arrangement will respond to the new security threats of the post Cold War by providing greater openness through information sharing about arms and technology transfers worldwide.

The regime will focus on the threats to international and regional peace and security. A central part of the regime is the commitment by its members to prevent the acquisition of armaments and sensitive dual-use items for military end-users to states whose behavior today is, or becomes, a cause for serious concern, such as Iran, Iraq, Libya and North Korea.

The regime will also undertake to prevent destabilizing accumulations of conventional arms worldwide. The Iraqi war taught us that indiscriminate exports of conventional weapons and sensitive dual-use technologies can pose serious threats to our interests, foreign policy goals, and to international security. This regime will seek to apply the lessons of Iraq to prevent similar destabilizing build-ups. The Wassenaar Arrangement will also fill an important gap in the global non-proliferation regimes by covering conventional arms and associated dual-use technologies. It will encourage adherence to the current non-proliferation regimes by requiring its members to adhere to those regimes.

The arrangement seeks to prevent destabilizing buildups of weapons by establishing a formal process of transparency, consultation, and where appropriate, multilateral restraint. Participants have agreed to control through their national policies those items and technologies contained in a list of Dual-Use Goods and Technologies and a separate Munitions List.

It meets the basic objectives of the U.S. to move forward and begin cooperation with the other countries in the arrangement, but it still does not meet all of our expectations with respect to openness and restraint. We will now seek to incorporate additional provisions in the arrangement to address these problems.

*** Declaration of the Parties and Department of State fact sheet issued December 9, 1995.**

DISCUSSION

In response to the changed world situation following the end of the Cold War, the 17 members of the Coordinating Committee for Multilateral Export Controls, better known as COCOM (most NATO countries, Australia, and Japan), agreed that its purpose of controlling advanced technology exports to communist nations had become outdated. At the Vancouver Summit in 1993, Presidents Clinton and Yeltsin agreed that the regime should be replaced with a new, non-discriminatory arrangement, to be joined by Russia. The COCOM partners decided to terminate the regime as of March 31, 1994, and to create such a new arrangement to enhance openness worldwide in the transfer of arms and sensitive technologies. Since that decision, ACDA has been a part of the U.S. Government effort, along with other like-minded nations, to establish the new regime on a consensus basis.

The current group of participating countries, as listed above in the Final Declaration, has been expanded from the original 17 COCOM members. As of April 1, 1996, it now numbers 31 with the addition of Argentina, Austria, the Czech Republic, Finland, Hungary, Ireland, New Zealand, Poland, Romania, the Russian Federation, the Slovak Republic, South Korea, Sweden, and Switzerland. Other countries currently seeking membership include Bulgaria and Ukraine.

Membership is open on a global and nondiscriminatory basis to all countries meeting the established criteria, under which a member country is to:

- be a producer/exporter of arms or associated dual-use goods and technology;
- have appropriate national policies, such as not selling arms or sensitive dual-use items to countries whose behavior is a cause for concern;
- adhere to international nonproliferation norms and guidelines; and
- implement fully effective export controls.

The following address details the provisions of the Wassenaar Arrangement thus far and discusses U.S. objectives for it's further evolution.

Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Contents](#)  [ACDA Homepage](#)

The Wassenaar Arrangement*

*An address by Lynn E. Davis, Under Secretary of State for Arms Control and International Security Affairs, given to the Carnegie Endowment for International Peace, Washington D.C., on January 23, 1996.

In December 1995, twenty-eight governments agreed to establish a new international regime to increase transparency and responsibility for the global market in conventional arms and dual-use goods and technologies. The official name of the regime is "The Wassenaar Arrangement on Export Controls for Conventional Arms and Dual-Use Goods and Technologies"-Wassenaar being the town outside The Hague where five rounds of negotiations took place over the past two years.

The Wassenaar Arrangement is just an initial international framework that will need to be elaborated and defined more fully. But it already represents some notable achievements for U.S. foreign policy. For the first time there is a global mechanism for controlling transfers of conventional armaments, and a venue in which governments can consider collectively the implications of various transfers on their international and regional security interests. In view of the close association between advanced technologies, including production technologies and modern battlefield weapons, sensitive dual-use commodities will receive the same measure of scrutiny as do arms.

Moreover, the preliminary scope of international support for this enterprise is already quite broad. Our friends and allies in Europe and in the Pacific comprise the core membership, but Russia and the four Visegrad states of Central Europe have also joined as full members.

The composition and the goals of The Wassenaar Arrangement are tailored to respond to the new security threats of the post-Cold War world, and will close a critical gap in the international control mechanisms which have concentrated on preventing the proliferation of weapons of mass destruction and their delivery systems. While The Wassenaar Arrangement will not duplicate the other nonproliferation mechanisms, it will through a variety of means complement and, where necessary, reinforce them.

Restraint in Trade to Pariahs

Even before its establishment, the regime has served to attract countries worldwide wishing to join the first post-Cold War security framework.

To meet the membership criteria, they have taken steps to adhere to the policies of the other non-proliferation regimes and to establish effective export controls. Most importantly, all of the participating countries currently maintain national policies to prevent transfers of arms and sensitive technologies for military purposes to the four pariah countries-Iran, Iraq, Libya, and North Korea. This is a critical requirement that the United States insisted on-and will continue to insist on-in examining the credentials of new members.

The United States has sought and obtained commitments through sensitive, high-level negotiations that produced bilateral agreements with Russia and other prospective members to close down their arms sales to Iran and forego any new contracts involving arms and arms-related technologies. By requiring responsible arms transfer policies as a condition for membership, the new regime furthers our international security interests and the security of longstanding allies, such as Israel and South Korea, who live in dangerous neighborhoods.

Further, The Wassenaar Arrangement calls for enhancing cooperation among the participants to prevent the acquisition of armaments and sensitive dual-use items for military ends if the situation in a region or the behavior of a state is or becomes a cause for serious concern to the participating states. The transparency provisions in the new arrangement and our own national technical means will give us confidence that current policies of restraint toward the pariah countries are continuing and that future transfer policies remain consistent with this goal.

Does this mean that we have bridged our differences with Europe over high technology sales to Iran? Unfortunately, we continue to have serious concerns with European policy in this area. What we have obtained to date is a growing recognition that certain levels of high technology trade, even when intended for civilian use, should not be carried on in secrecy.

When it comes to dangerous regimes like Iran, international transparency-and accountability-are necessary. The Wassenaar Arrangement will help advance that proposition through the initial information sharing measures. But, those measures need to go much further before we can say there are effective international guidelines in place that will prevent future tyrants from embarking upon the kind of military build-up that Saddam Hussein undertook before invading Kuwait.

Preventing Destabilizing Accumulations of Arms

Indeed, the Gulf War has been a critical factor shaping the U.S. negotiating positions, because it serves as a stark reminder of the dangers to international peace and security that can result from the destabilizing accumulations of conventional weapons and the indiscriminate export of arms and sensitive dual-use technologies. The case of Iraq showed us that often the only constraint on a state's ability to obtain dangerous arms is its ability to pay for them. Suppliers from both East and West, including our allies and American firms, contributed in different ways to Saddam Hussein's multibillion dollar military build-up.

How will this arrangement begin to help us prevent future Iraqs? During plenary discussions and working group meetings, governments will share intelligence on potential threats to international and regional peace and stability. They will look particularly at clandestine projects and dubious acquisition trends. They will also exchange specific information on a regular basis about global transfers to nonparticipating countries of certain sensitive dual-use goods and technologies. More than one hundred of these have been selected for this information sharing, including machine tools, computers, and telecommunications. The details of this special sensitive list will be published shortly.

Governments have agreed to notify denials of items on this list to non-participating states promptly on an individual, case-by-case basis and of transfers on an aggregate and periodic basis. They will also require notification of any transfers of any sensitive list item previously denied by another member state for an essentially identical transaction.

This transparency in the transfer of sensitive dual-use goods and technologies will help the new regime identify acquisition patterns that suggest emerging threats to regional and international peace. Transparency also allows countries to alert one another to export requests that warranted denials. This will help foster common and consistent export policies, while eliminating inadvertent undercuts by participants. Although all export decisions will remain fundamentally at the discretion of each country, transparency will enhance responsibility in arms transfers because countries will only go forward with those transfers that they are prepared to defend to the others in the arrangement.

We will obtain similar benefits from the transparency regime on the arms side. We will provide information on arms transfers on a weapons list, that initially will be composed of the categories of major weapons systems used for the CFE Treaty and the UN Arms Register. The information will come twice a year and include more details than previously available, such as descriptions of the

model and type of all weapons, except for missiles. And we have agreed as a priority to expand and redefine that list to cover more comprehensively the weapons of modern warfare.

In the cases of both armaments and dual-use items, governments will have the ability to request additional information on individual transfers through diplomatic channels.

In addition, The Wassenaar Arrangement is expected to provide for more intensive consultations and more intrusive information sharing among six major weapons suppliers- the United States, United Kingdom, Russia, France, Germany, and Italy.

From the United States perspective, we hope that this group will provide the means of defining common approaches to trade with regions of potential instability, such as the Middle East and South Asia. It could also include steps to enhance stability by preventing the introduction of sophisticated weaponry in certain parts of the world, where it currently does not exist. We have made some specific proposals to the other five suppliers concerning timely notification of shipments of major weapons and the development of measures to address situations of particular concern.

National Controls

As is the case for the Nuclear Suppliers Group, the Australia Group, and the Missile Technology Control Regime, The Wassenaar Arrangement is based on national controls. It is not directed against any state or group of states and will not impede bona fide transactions. Nor will it interfere with the rights of states to acquire legitimate means with which to defend themselves. Rather it is focused on the behavior of states, and especially on dangerous behavior.

Participants have agreed to control globally all items set forth on a basic list of dual-use goods and technologies and on a munitions list, with the objective of preventing unauthorized transfers or re-transfers of these items. The new arrangement will thus not involve license-free trade among the participants. Governments have also agreed to exercise extreme vigilance in trade on a very sensitive list of dual-use goods and technologies.

Controls of items on the various lists will be implemented through each of the participating country's laws and regulations. In the United States, most of the items covered under this arrangement are already subject to U.S. licensing requirements. Any modifications to U.S. regulations necessary to carry out the requirements of the arrangement will be published in the coming months.

Next Steps

The first plenary meeting of The Wassenaar Arrangement is slated for early April in Vienna. Vienna will be the home base for the regime and the site of a small secretariat to conduct day-to-day work. Member governments will use the intervening months to make preparations at the national level necessary to carry out the understandings they have reached and to work out the modalities for sharing information on specific transfers.

The Wassenaar Arrangement will be open, on a global and non-discriminatory basis, to all countries meeting the agreed membership criteria. There is a line forming of countries seeking membership, e.g., Argentina, South Korea, Romania, Bulgaria, and the Ukraine. We hope that some of these countries will have met the criteria by the time of our April plenary.

Perspective on the Arrangement

Although the COCOM parties were responsible for initiating development of The Wassenaar Arrangement, the successor regime differs significantly in its goals and procedures, given the changed strategic environment. COCOM was designed as an institution of the Cold War to

respond to the threat posed by the Soviet Union and its allies. The West sought to maintain its qualitative edge on the battlefield by a virtual prohibition on sales of arms to "communist countries" and by controlling the export of strategic products and technical data.

As the original threats of the Cold War diminished, new threats to global security began to emerge, including the spread of weapons of mass destruction and their delivery systems. This led the United States and other countries to develop worldwide non-proliferation regimes, such as the Nuclear Suppliers Group, the Missile Technology Control Regime, and the Australia Group. The Wassenaar Arrangement extends and complements this development. And it begins, as did these other regimes, with the initial elements essential to getting underway the practical work-
frameworks, basic guidelines, and lists.

Although we are pleased that the regime will be up and running at the April plenary, I want to note quite frankly that the arrangement falls short of U.S. goals in some important areas. We need to go further.

Americans hold as a fundamental principle the importance of promoting international responsibility in arms transfers and in public accountability for these transfers. Not all participants in this arrangement share this view and some have consistently resisted comprehensive information sharing-even in diplomatic channels. Specifically, the United States found itself alone in supporting prior notification of transfers.

The United States also did not win support for focusing the information sharing on regions of instability and where the security risks are greatest, because participants raised political objections to "targeting" specific regions or countries. Instead, we will begin with a global exchange. As a result, we will share and obtain not only all of the information that we would have available through a regional focus, but additional information as well.

That said, The Wassenaar Arrangement provides an initial international framework to respond to the critical security threats of the post-Cold War world and to promote the overall non-proliferation and conventional arms transfer policies of the Clinton Administration. The realization of a broadly based multilateral arrangement covering conventional arms and dual-use commodities has only been possible through strong American leadership-leadership which must continue to ensure the further development of more specific measures in the new regime to meet the risks to international peace and stability around the world.

Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Contents](#)  [ACDA Homepage](#)

COUNTRY RANKINGS: 1994

As a statistical aid, the following tables show 167 countries of the world listed in descending order of their value for each of 6 absolute variables and 7 relative variables (or ratios) in 1994. The variable values are taken or derived from Main Statistical Tables I and II, below.

[This web version of the *WMEAT 95* shows only the rankings "index", which lists countries alphabetically and gives their rank for each variable. The printed version also contains a rank-order list of countries and values for each variable.]

Tables for Central Government Expenditures and its three relative variables have been excluded in this edition due to the lack of sufficient data for countries in Africa and Central Asia.

Users of these rankings should be aware that they are based on data whose accuracy is in many cases qualified, as indicated by markings in Tables I and II signifying "not available," "rough estimate," or "estimate." These tables and the Statistical Notes should be consulted in interpreting the rankings.




Entries marked "not available" ("NA") are based on very rough estimates. While it is considered preferable to include countries with such data in the rankings rather than omit them, these estimates should be understood as having a wide range of error above and below the estimated value, a range extending well beyond the level of neighboring countries in the rankings in most cases.

The variables, their abbreviations, and their data units are as follows:

Military expenditures (ME)	Millions of dollars
Armed forces (AF)	Thousands
Arms exports (AE)	Millions of dollars
Arms imports (AI)	Millions of dollars
Gross national product (GNP)	Millions of dollars
Population (POP)	Millions
GNP per capita (GNP/POP)	Dollars
ME/GNP	Percent
ME per capita (ME/POP)	Dollars
ME per soldier (ME/AF)	Dollars
Armed forces per 1,000 people (AF/POP) ..	Soldiers
Arms exports total exports (AE/TE)	Percent
Arms imports total imports (AI/II)	Percent

An "index" listing the countries alphabetically and showing each country's rank number for each variable may be found on the final pages of this set of tables. The symbol "+" indicates that the country's value for that variable is zero and the rank is actually a tie for last place.

NOTE: All monetary values are in 1994 dollars; for most countries, national currencies were converted at average annual 1994 exchange rates. It should be noted that country rankings can shift considerably from edition to edition due to changes in exchange rates and in the base year for conversion used in each edition. For a discussion of the impact of shifts in exchange rate base years, see *WMEAT 1988*, Statistical Notes, Conversion of National Currencies to Dollars.

Go to  [Next Page](#)  [Main Table of Contents](#)  [ACDA Homepage](#)

List of Countries With 1994 Rank Per Variable

COUNTRY	ME	AF	AI	AE	GNP	POP	ME/ GNP	ME/ POP	ME/ AF	AF/ POP	AI/ TI	AE/ TE	GNP/ POP	COUNTRY
Afghanistan	86	75	68	32	124	47	18	120	113	119	19	2	159	Afghanistan
Albania	100	55	+	+	118	122	56	82	148	4	+	+	101	Albania
Algeria	51	35	27	+	57	37	51	74	72	82	28	+	92	Algeria
Angola	70	36	9	+	100	75	12	70	118	26	3	+	117	Angola
Argentina	24	61	75	+	17	31	108	45	20	122	97	+	31	Argentina
Armenia	110	76	76	+	90	120	145	93	147	24	18	+	77	Armenia
Australia	13	66	11	33	15	50	69	20	5	96	48	43	17	Australia
Austria	46	77	77	21	22	85	140	35	26	61	100	32	8	Austria
Azerbaijan	93	71	45	+	78	88	137	99	137	54	11	+	87	Azerbaijan
Bahrain	84	129	41	+	115	154	19	21	32	19	22	+	37	Bahrain
Bangladesh	72	39	78	+	64	8	104	151	126	151	77	+	148	Bangladesh
Barbados	155	+	+	+	135	164	149	72	+	+	+	+	40	Barbados
Belarus	91	45	+	+	49	69	161	103	145	36	+	+	49	Belarus
Belgium	26	69	54	28	20	74	107	24	18	65	98	49	11	Belgium
Belize	157	157	+	+	158	165	105	76	79	76	+	+	71	Belize
Benin	133	139	+	+	142	99	81	137	103	143	+	+	139	Benin
Bhutan	163	142	+	+	163	140	158	162	160	103	+	+	158	Bhutan
Bolivia	94	90	+	+	107	87	72	102	111	93	+	+	114	Bolivia
Bosnia and Herze.	60	58	32	+	136	125	1	31	66	5	1	+	121	Bosnia and Herze.
Botswana	85	130	69	+	117	144	20	42	37	59	35	+	65	Botswana
Brazil	18	27	35	17	9	5	132	79	31	140	72	25	53	Brazil
Brunei	82	144	+	+	116	162	13	4	16	20	+	+	25	Brunei
Bulgaria	57	49	+	22	59	80	63	50	67	31	+	11	51	Bulgaria
Burkina Faso	126	127	93	+	133	73	80	149	110	153	44	+	152	Burkina Faso
Burma	37	16	36	+	45	25	30	69	89	41	9	+	95	Burma
Burundi	136	101	94	+	154	93	43	143	146	107	21	+	160	Burundi
Cambodia	116	59	79	+	129	72	62	141	156	51	20	+	145	Cambodia
Cameroon	104	113	95	+	105	61	94	132	82	150	62	+	127	Cameroon
Canada	12	57	25	10	10	35	102	28	8	111	86	31	15	Canada
Cape Verde	160	158	+	+	162	156	136	130	129	118	+	+	111	Cape Verde
Central Afr. Rep.	142	143	+	+	151	126	53	123	100	132	+	+	136	Central Afr. Rep.
Chad	148	88	55	+	153	97	61	146	158	63	5	+	156	Chad
Chile	58	42	37	+	50	59	92	61	78	46	49	+	54	Chile
China-Mainland	3	1	29	4	3	1	78	75	52	113	85	13	82	China-Mainland
China-Taiwan	11	14	7	34	19	42	26	16	39	11	43	51	28	China-Taiwan
Colombia	55	32	61	+	44	30	96	84	86	87	71	+	84	Colombia
Congo	143	118	70	+	148	133	76	117	134	88	15	+	122	Congo
Costa Rica	137	131	+	+	91	123	160	124	125	116	+	+	73	Costa Rica
Croatia	56	50	62	+	79	108	9	33	60	15	58	+	68	Croatia
Cuba	78	33	+	+	65	63	112	85	139	23	+	+	80	Cuba
Cyprus	79	119	46	+	95	152	25	19	30	22	24	+	29	Cyprus
Czech Republic	41	46	38	8	35	68	65	37	42	37	57	8	33	Czech Republic
Denmark	35	91	56	38	27	102	91	17	12	70	84	48	4	Denmark
Djibouti	146	132	+	+	159	158	23	66	131	13	+	+	99	Djibouti
Dominican Rep.	98	95	63	+	84	86	130	108	107	104	36	+	94	Dominican Rep.
Ecuador	67	67	64	+	72	65	46	71	75	66	46	+	91	Ecuador

Egypt	49	13	2	39	55	17	35	87	124	48	8	23	113	Egypt
El Salvador	102	89	65	+	88	95	127	95	128	69	29	+	89	El Salvador
Equatorial Guinea	161	159	+	+	165	159	82	138	140	115	+	+	141	Equatorial Guinea
Eritrea	---	---	71	+	---	---	---	---	---	---	87	+	---	Eritrea
Estonia	105	120	66	49	83	142	143	68	76	56	27	20	42	Estonia
Ethiopia	95	37	+	+	110	22	68	157	155	121	+	+	164	Ethiopia
Fiji	135	145	+	+	134	151	101	77	83	68	+	+	74	Fiji
Finland	44	82	47	40	33	103	85	25	23	49	70	46	16	Finland
France	5	11	26	5	5	21	48	9	15	34	91	22	12	France
Gabon	107	140	80	+	122	146	57	58	57	67	39	+	62	Gabon
Gambia, The	153	160	+	+	161	149	41	109	61	145	+	+	129	Gambia, The
Georgia	124	135	+	+	99	96	151	129	91	141	+	+	100	Georgia
Germany	6	17	20	6	4	12	103	22	11	83	94	27	6	Germany
Ghana	128	136	+	+	106	54	148	156	101	163	+	+	135	Ghana
Greece	25	24	16	50	36	66	22	23	46	10	30	40	35	Greece
Guatemala	90	85	+	+	77	64	120	106	108	99	+	+	96	Guatemala
Guinea	122	114	+	+	121	92	116	131	120	125	+	+	119	Guinea
Guinea-Bissau	158	137	+	+	164	148	47	134	152	55	+	+	147	Guinea-Bissau
Guyana	159	152	+	+	160	153	118	125	130	108	+	+	116	Guyana
Haiti	138	+	50	+	137	91	95	145	+	+	6	+	142	Haiti
Honduras	125	102	81	+	126	100	115	127	136	98	42	+	118	Honduras
Hungary	54	63	82	41	43	71	98	49	47	60	92	34	43	Hungary
Iceland	+	+	+	+	101	163	+	+	+	+	+	+	10	Iceland
India	14	4	28	42	16	2	58	126	96	135	61	45	134	India
Indonesia	38	20	57	43	25	4	119	116	85	137	83	47	110	Indonesia
Iran	33	10	12	15	29	15	74	73	102	40	16	19	81	Iran
Iraq	36	15	+	+	68	45	4	46	93	9	+	+	109	Iraq
Ireland	66	103	48	+	54	119	122	41	27	75	75	+	26	Ireland
Israel	17	29	4	7	37	105	11	2	28	2	12	5	21	Israel
Italy	8	12	31	16	7	19	88	27	25	57	93	42	19	Italy
Ivory Coast	117	106	+	+	104	57	131	148	122	144	+	+	130	Ivory Coast
Jamaica	144	147	96	+	114	132	154	119	80	142	76	+	88	Jamaica
Japan	4	23	8	44	2	9	138	26	3	126	74	+	3	Japan
Jordan	74	44	58	29	102	115	15	53	115	3	33	7	93	Jordan
Kazakstan	71	100	+	+	53	53	142	88	41	146	+	+	66	Kazakstan
Kenya	92	96	83	+	98	34	86	144	98	158	63	+	143	Kenya
Korea, North	19	5	51	30	66	40	2	34	112	1	14	4	107	Korea, North
Korea, South	10	7	5	26	13	24	44	30	55	16	41	44	32	Korea, South
Kuwait	30	107	19	+	63	141	8	1	2	33	34	+	20	Kuwait
Kyrgyzstan	119	128	+	+	92	107	152	115	94	123	+	+	86	Kyrgyzstan
Laos	101	78	39	+	138	106	17	90	138	29	7	+	132	Laos
Latvia	89	153	+	+	75	130	121	63	14	159	+	+	50	Latvia
Lebanon	81	72	59	+	87	118	52	55	99	21	53	+	70	Lebanon
Lesotho	145	154	+	+	143	139	90	113	63	147	+	+	112	Lesotho
Liberia	140	155	+	+	140	127	89	121	59	160	+	+	120	Liberia
Libya	50	51	+	+	61	104	34	32	54	17	+	+	41	Libya
Lithuania	111	121	+	+	80	117	156	94	88	110	+	+	59	Lithuania
Luxembourg	96	161	+	+	69	160	147	29	9	112	+	+	1	Luxembourg
Macedonia	141	122	84	+	131	136	113	111	132	80	52	+	108	Macedonia
Madagascar	149	97	+	+	127	60	144	159	153	133	+	+	150	Madagascar

Malawi	154	123	+	+	145	76	135	161	150	148	+	+	162	Malawi
Malaysia	42	38	14	23	40	46	54	52	50	58	60	35	55	Malaysia
Mali	134	133	+	+	132	78	100	150	119	155	+	+	149	Mali
Malta	139	162	+	+	128	161	129	57	35	109	+	+	36	Malta
Mauritania	130	124	+	+	149	135	40	104	127	81	+	+	124	Mauritania
Mauritius	156	163	+	+	120	147	162	122	70	152	+	+	60	Mauritius
Mexico	39	30	42	35	12	11	155	89	66	124	82	41	52	Mexico
Moldova	108	115	+	18	81	110	150	92	84	114	+	1	69	Moldova
Mongolia	150	98	+	+	156	134	79	135	157	38	+	+	137	Mongolia
Morocco	53	28	30	+	62	33	37	78	96	50	26	+	102	Morocco
Mozambique	103	116	+	+	147	52	10	139	77	161	+	+	166	Mozambique
Namibia	120	134	85	+	125	143	97	81	90	72	45	+	83	Namibia
Nepal	127	83	86	+	113	43	134	158	151	129	37	+	151	Nepal
Netherlands	16	53	22	12	14	55	83	18	13	71	80	37	13	Netherlands
New Zealand	65	125	87	+	52	121	124	40	21	101	90	+	23	New Zealand
Nicaragua	132	110	+	+	144	114	67	128	141	95	+	+	133	Nicaragua
Niger	152	138	+	+	139	79	141	160	144	157	+	+	155	Niger
Nigeria	80	52	+	+	56	10	146	153	123	156	+	+	126	Nigeria
Norway	28	86	40	24	32	111	55	8	1	45	67	30	7	Norway
Oman	47	87	52	+	85	137	3	7	22	18	31	+	48	Oman
Pakistan	31	9	18	51	48	7	21	91	105	85	17	38	128	Pakistan
Panama	+	117	+	+	97	131	+	+	+	86	+	+	72	Panama
Papua New Guin.	121	146	+	+	109	113	133	114	62	149	+	+	97	Papua New Guin.
Paraguay	106	108	88	+	94	101	126	97	97	102	56	+	90	Paraguay
Peru	62	40	72	+	51	38	110	83	87	78	68	+	79	Peru
Philippines	52	41	33	+	42	14	93	98	68	134	65	+	106	Philippines
Poland	23	22	97	31	21	29	77	48	48	52	99	26	44	Poland
Portugal	40	54	15	14	34	67	71	38	53	47	32	17	30	Portugal
Qatar	83	126	+	11	93	155	39	15	34	14	+	3	22	Qatar
Romania	48	26	+	27	41	39	66	59	81	39	+	15	61	Romania
Russia	2	3	+	3	8	6	7	12	19	30	+	9	45	Russia
Rwanda	99	80	43	+	141	84	14	112	133	77	2	+	153	Rwanda
Sao Tome & Prin.	164	148	+	+	166	166	164	163	162	6	+	+	154	Sao Tome & Prin.
Saudi Arabia	9	31	1	45	30	51	6	6	10	32	4	50	38	Saudi Arabia
Senegal	118	111	98	+	119	82	111	136	117	131	66	+	125	Senegal
Serbia and Mont.	64	34	+	52	86	70	16	60	104	25	+	12	105	Serbia and Mont.
Sierra Leone	131	112	+	+	155	109	24	133	135	105	+	+	157	Sierra Leone
Singapore	32	68	17	36	39	128	31	5	24	12	69	52	9	Singapore
Slovakia	61	74	+	46	60	98	73	43	51	35	+	29	39	Slovakia
Slovenia	87	104	89	53	70	138	128	54	69	42	81	36	34	Slovenia
Somalia	162	93	+	+	157	90	163	164	161	94	+	+	163	Somalia
South Africa	34	43	73	25	31	26	75	62	38	120	89	24	67	South Africa
Spain	15	25	10	9	11	28	114	39	29	64	59	21	27	Spain
Sri Lanka	69	94	34	+	82	49	29	86	44	138	23	+	115	Sri Lanka
Sudan	75	48	+	+	89	32	28	110	109	106	+	+	138	Sudan
Suriname	123	156	+	+	146	157	38	51	43	79	+	+	63	Suriname
Swaziland	151	149	+	+	150	150	109	101	106	97	+	+	103	Swaziland
Sweden	20	60	67	19	23	81	59	13	17	43	96	33	14	Sweden
Switzerland	22	81	60	13	18	89	99	10	7	62	95	28	2	Switzerland
Syria	29	18	90	+	38	56	32	36	73	8	78	+	47	Syria

Tajikistan	113	150	91	+	96	94	139	118	45	162	38	+	98	Tajikistan
Tanzania	112	73	92	+	130	36	49	155	149	127	54	+	165	Tanzania
Thailand	27	19	13	+	26	18	64	64	64	74	55	+	75	Thailand
Togo	147	141	+	+	152	112	60	142	121	136	+	+	146	Togo
Trinidad & Tobag.	109	151	+	+	112	145	106	67	40	117	+	+	56	Trinidad & Tobag.
Tunisia	68	84	53	+	73	83	45	65	58	89	50	+	85	Tunisia
Turkey	21	8	6	47	28	16	36	56	92	27	13	39	78	Turkey
Turkmenistan	115	109	+	+	76	116	159	107	116	91	+	+	58	Turkmenistan
Uganda	114	64	+	+	111	48	117	152	154	100	+	+	144	Uganda
Ukraine	59	47	+	20	24	23	157	96	71	130	+	16	57	Ukraine
United Arab Emir.	45	65	23	+	58	129	27	11	33	7	40	+	24	United Arab Emir.
United Kingdom	7	21	24	2	6	20	50	14	6	84	88	10	18	United Kingdom
United States	1	2	3	1	1	3	33	3	4	53	79	6	5	United States
Uruguay	76	92	+	+	71	124	70	47	56	44	+	+	46	Uruguay
Uzbekistan	77	99	74	37	47	41	153	105	49	154	47	14	76	Uzbekistan
Venezuela	63	56	49	+	46	44	123	80	74	92	51	+	64	Venezuela
Vietnam	73	6	44	+	67	13	84	140	159	28	25	+	140	Vietnam
Yemen	43	62	21	+	74	58	5	44	36	73	10	+	104	Yemen
Zaire	97	70	+	+	103	27	87	154	143	139	+	+	161	Zaire
Zambia	129	105	99	+	123	77	125	147	142	128	64	+	131	Zambia
Zimbabwe	88	79	100	48	108	62	42	100	114	90	73	18	123	Zimbabwe

+ Tied for last place with a zero value. --Unranked due to insufficient data.

Go to [Next](#) [Next Page](#) [Contents](#) [Main Table of Content](#)  [ACDA Homepage](#)

**TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994
By Region, Organization, and Country**

TABLE I INDEX

All links on the same horizontal line will take you to the TOP of the page where the information is listed. You will have to scroll down the page in some cases to get to the information area you want to see. For footnotes, go to the Next Page after Zimbabwe.

TOTALS	World	Developed	Developing	
REGION	Africa, All	North Africa	Subsaharan Africa	
	Cen America & Caribbean	North America (NAFTA)	South America	
	Cen Asia & Caucasas	East Asia	Middle East	South Asia
	Europe, All	Eastern Europe	Western Europe	
	Oceania			
ORGANIZATION	OECD	OPEC	NATO	
REFERENCE GROUP	Warsaw Pact (former)	NATO Europe	Latin America	CIS

INDEX BY COUNTRY

All links on the same horizontal line will take you to the TOP of the page where the information is listed. You will have to scroll down the page in some cases to get to the country information area you want to see. For footnotes, go to the Next Page after Zimbabwe.

Afghanistan	Albania	Algeria	Angola	
Argentina	Armenia	Australia	Austria	Azerbaijan
Bahrain	Bangladesh	Barbados	Belarus	
Belgium	Belize	Benin	Bhutan	
Bolivia	Bosnia & Herzegovina	Botswana	Brazil	
Brunei	Bulgaria	Burkina Faso (former Upper Volta)	Burma	
Burundi	Cambodia	Cameroon	Canada	
Cape Verde	Cen African Republic	Chad	Chile	
China -Mainland	-Taiwan	Colombia	Congo	
Costa Rica	Cote d'Ivoire (Ivory Coast)	Croatia	Cuba	Cyprus
Czechoslovakia	Czech Republic	Denmark	Djibouti	Dominican Republic
Ecuador	Egypt	El Salvador	Equatorial Guinea	
Estonia	Ethiopia	Fiji	Finland	
France	Gabon	Gambia, The	Georgia	East Germany
West Germany	Ghana	Greece	Guatemala	
Guinea	Guinea-Bissau	Guyana	Haiti	
Honduras	Hungary	Iceland	India	
Indonesia	Iran	Iraq	Ireland	
Israel	Italy	Ivory Coast	Jamaica	
Japan	Jordan	Kampuchea (see Cambodia)	Kazakstan	Kenya
Korea, North	Korea, South	Kuwait	Kyrgyzstan	
Laos	Latvia	Lebanon	Lesotho	
Liberia	Libya	Lithuania	Luxembourg	Macedonia
Madagascar	Malawi	Malaysia	Mali	
Malta	Mauritania	Mauritius	Mexico	
Moldova	Mongolia	Morocco	Mozambique	Myanmar (see Burma)
			Namibia	
Nepal	Netherlands	New Zealand	Nicaragua	
Niger	Nigeria	Norway	Oman	
Pakistan	Panama	Papua New Guinea	Paraguay	
Peru	Philippines	Poland	Portugal	
Qatar	Romania	Russia	Rwanda	
Sao Torne & Principe	Saudi Arabia	Senegal	Serbia & Montenegro	
Sierra Leone	Singapore	Slovakia	Slovenia	Somalia
South Africa	Soviet Union	Spain	Sri Lanka	
Sudan	Suriname	Swaziland	Sweden	
Switzerland	Syria	Tajikistan	Tanzania	
Thailand	Togo	Trinidad & Tobago	Tunisia	
Turkey	Turkmenistan	Uganda	Ukraine	United Arab Emirates
United Kingdom	United States	Upper Volta (see Burkina Faso)	Uruguay	Uzbekistan
Venezuela	Vietnam	Yemen (Aden)	Yemen (Sanaa)	
Yugoslavia	Zaire	Zambia	Zimbabwe	

**TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994
By Region, Organization, and Country**

TOTALS a

Year	Military Expenditures (ME) Billion Dollars		Armed Forces Thousands	Gross National Product (GNP) Billion Dollars		Central Government Expenditures (CGE) Billion Dollars	People Millions	ME ---- GNP %	ME ---- CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars	
	Current	Constant 1994		Current	Constant 1994								Constant 1994
	WORLD												
1984	904.5	1251.8	28060	16450	22770	6568.3	4758.2	5.5	19.1	263	5.9	4785	
1985	952.2	1271.6	28070	17570	23470	6867.3	4839.5	5.4	18.5	263	5.8	4849	
1986	997.4	1297.0	28480	18590	24170	7012.9	4923.1	5.4	18.5	263	5.8	4910	
1987	1029.6	1297.7	28320	19830	24990	7102.0	5010.2	5.2	18.3	259	5.7	4988	
1988	1058.6	1284.8	28700	21500	26090	7095.3	5098.3	4.9	18.1	252	5.6	5118	
1989	1068.9	1241.3	28580	23150	26880	7212.1	5187.0	4.6	17.2	239	5.5	5183	
1990	1081.2	1203.3	27740	24550	27320	7295.6	5278.1	4.4	16.5	228	5.3	5176	
1991	1027.3	1101.1	25880	25840	27690	7686.6	5364.7	4.0	14.3	205	4.8	5162	
1992	931.5	971.4	24820	25910	27020	8060.7	5452.0	3.6	12.1	178	4.6	4957	
1993	867.1	884.9	24580	26870	27420	8195.9	5539.1	3.2	10.8	160	4.4	4950	
1994	840.3	840.3	23540	28150	28150	NA	5626.5	3.0	NA	149	4.2	5003	
DEVELOPED													
1984	736.4	1019.2	11980	13680	18930	5506.1	1208.6	5.4	18.5	843	9.9	15660	
1985	783.6	1046.5	11920	14580	19470	5685.3	1217.2	5.4	18.4	860	9.8	16000	
1986	825.0	1072.8	11940	15410	20040	5807.4	1226.1	5.4	18.5	875	9.7	16350	
1987	859.6	1083.4	11960	16380	20650	5886.3	1234.8	5.2	18.4	877	9.7	16720	
1988	890.0	1080.1	11920	17760	21550	5969.3	1243.5	5.0	18.1	869	9.6	17330	
1989	900.2	1045.4	11590	19120	22200	6072.4	1253.1	4.7	17.2	834	9.2	17720	
1990	888.7	989.1	11000	20230	22510	6184.3	1262.8	4.4	16.0	783	8.7	17820	
1991	828.9	888.5	10280	21210	22730	6614.1	1272.8	3.9	13.4	698	8.1	17860	
1992	731.1	762.4	8900	20360	21230	6619.0	1136.3	3.6	11.5	671	7.8	18680	
1993	697.9	712.3	8827	20930	21360	6768.9	1144.1	3.3	10.5	623	7.7	18670	
1994	676.5	676.5	7936	21940	21940	6740.8	1151.5	3.1	10.0	587	6.9	19050	
DEVELOPING													
1984	168.1	232.7	16080	2773	3838	1062.2	3549.6	6.1	21.9	66	4.5	1081	
1985	168.6	225.1	16150	2993	3997	1182.0	3622.3	5.6	19.0	62	4.5	1103	
1986	172.4	224.1	16540	3176	4131	1205.4	3697.0	5.4	18.6	61	4.5	1117	
1987	170.0	214.2	16360	3446	4343	1215.6	3775.4	4.9	17.6	57	4.3	1150	
1988	168.7	204.7	16780	3742	4542	1125.9	3854.8	4.5	18.2	53	4.4	1178	
1989	168.7	195.8	17000	4030	4680	1139.7	3933.9	4.2	17.2	50	4.3	1190	
1990	192.5	214.3	16730	4322	4810	1111.3	4015.2	4.5	19.3	53	4.2	1198	
1991	198.4	212.7	15590	4630	4963	1072.6	4091.9	4.3	19.8	52	3.8	1213	
1992	200.4	209.0	15920	5559	5797	1441.7	4315.7	3.6	14.5	48	3.7	1343	
1993	169.2	172.6	15750	5940	6063	1427.0	4395.0	2.8	12.1	39	3.6	1379	
1994	163.7	163.7	15600	6212	6212	NA	4475.0	2.6	NA	37	3.5	1388	

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY REGION a

Year	Military Expenditures (ME) Billion Dollars		Armed Forces Thousands	Gross National Product (GNP) Billion Dollars		Central Government Expenditures (CGE) Billion Dollars	People Millions	ME ---- GNP %	ME ---- CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994								Constant 1994
AFRICA												
1984	13.3	18.4	1548	242	335	106.8	475.3	5.5	17.2	39	3.3	706
1985	12.3	16.4	1614	257	343	108.7	489.4	4.8	15.1	33	3.3	701
1986	12.6	16.4	1718	263	342	112.2	503.8	4.8	14.6	33	3.4	679
1987	12.5	15.7	1765	276	348	113.8	518.9	4.5	13.8	30	3.4	670
1988	13.0	15.8	1658	292	355	108.2	534.2	4.5	14.6	30	3.1	664
1989	13.6	15.8	1678	315	366	110.2	550.2	4.3	14.3	29	3.0	666
1990	13.7	15.2	1710	340	379	112.4	566.7	4.0	13.6	27	3.0	669
1991	13.1	14.1	1616	361	387	115.4	583.3	3.6	12.2	24	2.8	663
1992	14.1	14.7	1558	371	387	118.9	603.3	3.8	12.3	24	2.6	641
1993	12.4	12.7	1558	371	378	122.1	620.9	3.3	10.4	20	2.5	610
1994	10.8	10.8	1576	390	390	NA	638.9	2.8	NA	17	2.5	611
-NORTH AFRICA												
1984	7.0	9.7	447	74	102	42.8	54.8	9.5	22.6	177	8.2	1866
1985	6.3	8.4	464	81	108	42.9	56.3	7.8	19.5	149	8.2	1917
1986	6.1	7.9	494	79	103	41.1	57.8	7.7	19.2	136	8.5	1775
1987	4.9	6.2	499	82	103	39.3	59.3	6.0	15.8	105	8.4	1741
1988	5.3	6.4	447	82	100	38.2	60.9	6.4	16.7	105	7.3	1639
1989	5.5	6.4	447	89	103	38.0	62.4	6.2	16.9	103	7.2	1655
1990	5.2	5.8	442	100	111	36.1	64.0	5.2	16.0	90	6.9	1737
1991	4.4	4.7	442	108	115	37.4	65.5	4.1	12.6	72	6.7	1759
1992	5.0	5.2	454	111	116	38.3	67.1	4.5	13.6	78	6.8	1729
1993	4.2	4.3	454	111	113	42.3	68.7	3.8	10.3	63	6.6	1643
1994	4.5	4.5	436	119	119	44.1	70.2	3.8	10.2	64	6.2	1692
-SUBSAHARAN AFRICA												
1984	3.0	4.1	1004	90	125	30.5	386.8	3.3	13.6	11	2.6	322
1985	3.0	4.0	1055	96	129	31.1	398.5	3.1	12.8	10	2.6	323
1986	3.4	4.4	1134	102	133	35.4	410.4	3.3	12.5	11	2.8	323
1987	3.8	4.8	1164	107	135	36.7	423.0	3.5	13.0	11	2.8	318
1988	3.7	4.5	1111	115	140	35.0	435.9	3.2	12.9	10	2.5	321
1989	3.7	4.3	1131	125	145	34.4	449.3	3.0	12.5	10	2.5	324
1990	4.1	4.5	1183	136	151	38.9	463.2	3.0	11.6	10	2.6	326
1991	4.9	5.3	1094	144	154	42.1	477.2	3.4	12.5	11	2.3	324
1992	5.8	6.1	1032	150	157	42.1	494.5	3.9	14.4	12	2.1	317
1993	4.7	4.8	1032	146	149	41.1	509.4	3.2	11.6	9	2.0	293
1994	3.4	3.4	1038	152	152	NA	524.7	2.2	NA	7	2.0	290

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY REGION a

Year	Military Expenditures (ME) Billion Dollars		Armed Forces Thousands	Gross National Product (GNP) Billion Dollars		Central Government Expenditures (CGE) Billion Dollars	People Millions	ME ---- GNP %	ME ---- CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994							
-CENTRAL AMERICA & CARIBBEAN												
1984	2.4	3.3	522	62	85	31.5	50.2	3.9	10.5	66	10.4	1700
1985	2.3	3.1	537	66	88	28.7	51.3	3.5	10.8	60	10.5	1719
1986	2.3	3.0	538	70	91	31.1	52.3	3.2	9.5	56	10.3	1741
1987	2.3	2.9	544	75	94	27.1	53.4	3.1	10.7	55	10.2	1769
1988	2.2	2.7	531	77	93	27.2	54.4	2.9	10.0	50	9.8	1717
1989	2.3	2.7	527	82	95	27.2	55.5	2.8	9.7	48	9.5	1705
1990	2.3	2.6	495	83	92	26.8	56.7	2.8	9.5	45	8.7	1624
1991	1.9	2.0	492	79	85	22.9	57.9	2.4	8.7	35	8.5	1468
1992	1.1	1.2	356	80	84	21.7	59.0	1.4	5.4	20	6.0	1418
1993	1.1	1.1	356	81	83	21.1	60.1	1.3	5.2	18	5.9	1379
1994	1.0	1.0	283	85	85	21.5	61.2	1.2	4.7	17	4.6	1390
-NORTH AMERICA (NAFTA)												
1984	244.9	339.0	2433	4307	5961	1422.4	336.4	5.7	23.8	1008	7.2	17720
1985	266.9	356.5	2467	4599	6142	1530.6	340.3	5.8	23.3	1047	7.2	18050
1986	290.2	377.4	2495	4838	6292	1544.3	344.3	6.0	24.4	1096	7.2	18270
1987	298.1	375.7	2506	5147	6488	1539.2	348.4	5.8	24.4	1078	7.2	18620
1988	303.1	367.8	2488	5557	6744	1551.3	352.6	5.5	23.7	1043	7.1	19130
1989	314.5	365.2	2483	5963	6925	1575.3	357.0	5.3	23.2	1023	7.0	19400
1990	316.9	352.7	2443	6306	7018	1641.6	361.7	5.0	21.5	975	6.8	19400
1991	290.7	311.6	2376	6513	6981	1721.1	366.5	4.5	18.1	850	6.5	19050
1992	316.1	329.7	2176	6830	7122	1694.6	371.5	4.6	19.5	888	5.9	19170
1993	308.8	315.2	2066	7182	7330	1704.4	376.3	4.3	18.5	838	5.5	19480
1994	299.9	299.9	1965	7613	7613	1719.1	381.0	3.9	17.4	787	5.2	19980
-SOUTH AMERICA												
1984	14.3	19.7	1148	596	825	216.5	263.0	2.4	9.1	75	4.4	3137
1985	13.1	17.5	1138	636	849	287.5	268.2	2.1	6.1	65	4.2	3165
1986	15.2	19.8	1155	709	922	286.1	273.6	2.1	6.9	72	4.2	3371
1987	14.4	18.2	1194	762	961	340.4	279.0	1.9	5.3	65	4.3	3444
1988	15.0	18.2	897	790	959	264.1	284.4	1.9	6.9	64	3.2	3372
1989	15.6	18.1	912	823	956	268.3	289.8	1.9	6.7	62	3.1	3298
1990	16.3	18.1	917	854	950	246.0	294.9	1.9	7.4	62	3.1	3221
1991	15.4	16.5	896	923	989	201.6	299.9	1.7	8.2	55	3.0	3298
1992	15.5	16.1	913	976	1018	222.3	304.8	1.6	7.3	53	3.0	3339
1993	16.0	16.4	913	1047	1069	222.3	309.6	1.5	7.4	53	2.9	3452
1994	16.1	16.1	829	1124	1124	232.9	314.4	1.4	6.9	51	2.6	3577

Year	Military Expenditures (ME) Billion Dollars		Armed Forces Thousands	Gross National Product (GNP) Billion Dollars		Central Government Expenditures (CGE) Billion Dollars	People Millions	ME ---- GNP %	ME ---- CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994							
-CENTRAL ASIA & CAUCASUS												
1992	2.4	2.5	220	200	208	72.6	69.2	1.2	3.4	36	3.2	3011
1993	1.7	1.8	247	185	189	66.0	70.4	.9	2.7	25	3.5	2691
1994	1.3	1.3	167	157	157	NA	71.5	.8	NA	18	2.3	2198
-EAST ASIA												
1984	87.3	120.9	8546	3526	4881	936.4	1641.9	2.5	12.9	74	5.2	2973
1985	93.5	124.9	8307	3887	5190	974.4	1665.6	2.4	12.8	75	5.0	3116
1986	97.5	126.8	8561	4163	5413	1039.8	1690.8	2.3	12.2	75	5.1	3202
1987	100.9	127.1	8052	4559	5746	1055.2	1718.6	2.2	12.0	74	4.7	3343
1988	106.4	129.1	8349	5092	6180	1080.2	1746.3	2.1	11.9	74	4.8	3539
1989	114.3	132.8	8735	5591	6493	1153.5	1772.7	2.0	11.5	75	4.9	3663
1990	121.7	135.4	8316	6124	6815	1176.6	1798.8	2.0	11.5	75	4.6	3789
1991	124.7	133.7	8149	6702	7184	1483.6	1823.7	1.9	9.0	73	4.5	3939
1992	132.6	138.3	7909	7210	7519	1515.6	1847.4	1.8	9.1	75	4.3	4070
1993	140.5	143.4	7813	7662	7820	1626.0	1870.6	1.8	8.8	77	4.2	4181
1994	144.8	144.8	7755	8057	8057	1663.2	1893.7	1.8	8.7	76	4.1	4254
-MIDDLE EAST												
1984	71.8	99.4	2531	402	557	287.5	155.4	17.9	34.6	640	16.3	3583
1985	69.2	92.4	2541	401	536	281.8	160.8	17.3	32.8	575	15.8	3331
1986	66.6	86.6	2503	374	486	221.5	166.4	17.8	39.1	520	15.0	2922
1987	61.8	77.9	2699	392	494	185.9	171.6	15.8	41.9	454	15.7	2877
1988	59.9	72.7	3224	412	500	191.1	177.1	14.5	38.0	411	18.2	2824
1989	57.0	66.1	3203	445	517	187.3	182.6	12.8	35.3	362	17.5	2828
1990	81.2	90.4	3405	491	547	183.8	190.4	16.5	49.2	475	17.9	2871
1991	90.7	97.2	2560	515	553	187.9	194.7	17.6	51.7	499	13.1	2837
1992	81.3	84.8	2448	561	585	205.0	201.1	14.5	41.4	421	12.2	2910
1993	52.3	53.4	2448	579	590	204.5	206.7	9.0	26.1	258	11.8	2857
1994	45.1	45.1	2405	582	582	207.1	212.2	7.7	21.8	212	11.3	2744
-SOUTH ASIA												
1984	6.6	9.1	1773	173	240	49.0	996.8	3.8	18.6	9	1.8	240
1985	7.2	9.7	1933	189	252	55.8	1019.2	3.8	17.3	9	1.9	248
1986	7.9	10.2	1933	203	264	62.1	1041.6	3.9	16.5	10	1.9	253
1987	8.8	11.1	1952	219	276	63.0	1064.5	4.0	17.7	10	1.8	259
1988	9.5	11.6	2062	247	299	66.8	1087.7	3.9	17.3	11	1.9	275
1989	9.8	11.4	2000	272	316	73.5	1111.3	3.6	15.6	10	1.8	284
1990	10.4	11.6	2035	300	333	73.8	1135.1	3.5	15.8	10	1.8	294
1991	10.0	10.8	2044	314	337	71.8	1159.0	3.2	15.0	9	1.8	291
1992	10.2	10.7	2059	339	354	74.4	1183.4	3.0	14.3	9	1.7	299
1993	11.8	12.0	2059	358	365	80.3	1208.7	3.3	15.0	10	1.7	302
1994	12.5	12.5	2066	383	383	78.8	1234.1	3.3	15.9	10	1.7	310

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY REGION a

Year	Military Expenditures (ME) Billion Dollars		Armed Forces Thousands	Gross National Product (GNP) Billion Dollars		Central Government Expenditures (CGE) Billion Dollars	People Millions	ME GNP %	ME CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994							
-EUROPE, ALL												
1984	458.8	634.9	9471	6936	9600	3432.2	816.4	6.6	18.5	778	11.6	11760
1985	482.1	643.8	9447	7320	9776	3510.2	821.6	6.6	18.3	784	11.5	11900
1986	499.4	649.4	9489	7739	10060	3624.3	826.9	6.5	17.9	785	11.5	12170
1987	524.6	661.1	9522	8149	10270	3685.5	832.1	6.4	17.9	795	11.4	12340
1988	543.6	659.7	9396	8767	10640	3718.9	837.3	6.2	17.7	788	11.2	12710
1989	535.6	622.0	8957	9377	10890	3727.2	843.2	5.7	16.7	738	10.6	12910
1990	512.0	569.8	8327	9758	10860	3744.5	848.9	5.2	15.2	671	9.8	12790
1991	473.4	507.5	7655	10120	10850	3787.8	854.4	4.7	13.4	594	9.0	12700
1992	350.4	365.4	7094	9019	9405	4035.7	786.6	3.9	9.1	465	9.0	11960
1993	313.7	320.2	7031	9052	9238	4045.7	789.8	3.5	7.9	405	8.9	11700
1994	299.8	299.8	6418	9380	9380	3827.1	793.2	3.2	7.8	378	8.1	11830
-EASTERN EUROPE												
1984	314.2	434.9	5646	2661	3684	1006.6	413.4	11.8	43.2	1052	13.7	8911
1985	330.6	441.5	5657	2774	3705	1038.5	416.6	11.9	42.5	1060	13.6	8893
1986	343.9	447.2	5642	2941	3824	1106.8	419.8	11.7	40.4	1065	13.4	9109
1987	361.6	455.8	5650	3058	3854	1136.7	422.9	11.8	40.1	1078	13.4	9114
1988	377.5	458.2	5574	3275	3975	1142.4	425.6	11.5	40.1	1076	13.1	9338
1989	360.8	419.0	5242	3442	3997	1090.1	428.3	10.5	38.4	978	12.2	9332
1990	328.6	365.7	4642	3404	3788	997.3	430.5	9.7	36.7	849	10.8	8799
1991	280.3	300.5	4088	3086	3308	808.1	416.6	9.1	37.2	721	9.8	7939
1992	161.5	168.4	3760	1714	1787	918.1	346.0	9.4	18.3	487	10.9	5166
1993	127.2	129.8	3869	1614	1648	854.9	346.4	7.9	15.2	375	11.2	4756
1994	113.4	113.4	3127	1587	1587	536.3	347.1	7.1	21.1	327	9.0	4573
-WESTERN EUROPE												
1984	144.5	200.0	3825	4275	5916	2425.5	403.0	3.4	8.2	496	9.5	14680
1985	151.5	202.3	3790	4546	6071	2471.7	405.0	3.3	8.2	499	9.4	14990
1986	155.5	202.2	3847	4798	6239	2517.6	407.1	3.2	8.0	497	9.5	15330
1987	162.9	205.3	3872	5091	6416	2548.8	409.2	3.2	8.1	502	9.5	15680
1988	166.1	201.6	3822	5492	6665	2576.5	411.6	3.0	7.8	490	9.3	16190
1989	174.8	203.0	3715	5935	6892	2637.1	414.8	2.9	7.7	489	9.0	16610
1990	183.4	204.1	3685	6355	7072	2747.2	418.3	2.9	7.4	488	8.8	16910
1991	193.1	207.0	3567	7037	7543	2979.7	437.7	2.7	6.9	473	8.1	17230
1992	188.9	197.0	3334	7305	7618	3117.6	440.6	2.6	6.3	447	7.6	17290
1993	186.5	190.4	3162	7437	7590	3190.8	443.4	2.5	6.0	429	7.1	17120
1994	186.4	186.4	3291	7793	7793	3290.8	446.1	2.4	5.7	418	7.4	17470

Go to [Next](#) [Next Page](#) [Contents](#) [Table I Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY REGION a

Year	Military Expenditures (ME) Billion Dollars		Armed Forces Thousands	Gross National Product (GNP) Billion Dollars		Central Government Expenditures (CGE) Billion Dollars	People Millions	ME --- GNP %	ME --- CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994							
OCEANIA												
1984	5.2	7.1	90	204	282	86.0	22.8	2.5	8.3	313	3.9	12380
1985	5.6	7.5	90	218	291	89.5	23.1	2.6	8.3	322	3.9	12590
1986	5.7	7.4	89	230	299	91.5	23.5	2.5	8.1	317	3.8	12740
1987	6.2	7.9	89	247	312	91.9	23.8	2.5	8.6	331	3.7	13100
1988	6.0	7.2	91	265	322	87.4	24.2	2.3	8.3	300	3.7	13300
1989	6.2	7.2	89	282	327	89.7	24.6	2.2	8.0	292	3.6	13330
1990	6.7	7.5	88	293	326	90.1	24.9	2.3	8.3	301	3.5	13070
1991	7.3	7.9	88	306	328	94.6	25.3	2.4	8.3	311	3.5	12980
1992	7.8	8.1	88	328	342	99.9	25.7	2.4	8.1	316	3.4	13310
1993	8.7	8.9	88	350	357	103.4	26.1	2.5	8.6	342	3.4	13720
1994	9.0	9.0	77	376	376	107.8	26.4	2.4	8.3	339	2.9	14230

Go to [Next](#) Next Page [Contents](#) Table I Index [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY ORGANIZATION a

Year	Military Expenditures (ME) Billion Dollars		Armed Forces Thousands	Gross National Product (GNP) Billion Dollars		Central Government Expenditures (CGE) Billion Dollars	People Millions	ME GNP %	ME CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars	
	Current	Constant 1994		Current	Constant 1994								Constant 1994
	OECD												
1984	417.9	578.4	6582	11180	15470	4528.7	877.9	3.7	12.8	659	7.5	17630	
1985	449.4	600.1	6580	11970	15990	4696.5	884.7	3.8	12.8	678	7.4	18070	
1986	478.8	622.6	6670	12620	16410	4767.3	891.8	3.8	13.1	698	7.5	18400	
1987	497.0	626.4	6705	13450	16950	4813.4	898.9	3.7	13.0	697	7.5	18860	
1988	507.4	615.8	6638	14580	17700	4870.5	906.3	3.5	12.6	679	7.3	19530	
1989	530.6	616.1	6526	15760	18300	5004.8	914.7	3.4	12.3	674	7.1	20010	
1990	545.1	606.7	6455	16870	18770	5182.3	923.5	3.2	11.7	657	7.0	20330	
1991	532.0	570.3	6270	18090	19390	5790.7	948.5	2.9	9.8	601	6.6	20450	
1992	555.8	579.6	5829	18880	19680	5906.4	957.0	2.9	9.8	606	6.1	20570	
1993	548.5	559.8	5547	19470	19870	6078.3	965.3	2.8	9.2	580	5.7	20590	
1994	540.9	540.9	5557	20400	20400	6239.1	973.3	2.7	8.7	556	5.7	20960	
OPEC													
1984	57.0	78.9	2024	452	626	248.6	360.5	12.6	31.8	219	5.6	1736	
1985	54.0	72.1	2031	456	609	252.7	370.2	11.8	28.5	195	5.5	1645	
1986	54.0	70.2	2064	433	563	213.0	379.5	12.5	33.0	185	5.4	1482	
1987	51.3	64.7	2166	451	569	180.9	389.3	11.4	35.7	166	5.6	1462	
1988	50.3	61.0	2486	470	571	184.2	399.4	10.7	33.1	153	6.2	1429	
1989	45.9	53.4	2445	513	595	177.0	409.6	9.0	30.1	130	6.0	1454	
1990	67.9	75.6	2733	568	632	176.2	419.9	12.0	42.9	180	6.5	1505	
1991	79.4	85.2	1885	605	649	183.3	427.9	13.1	46.5	199	4.4	1516	
1992	69.6	72.6	1847	656	684	193.8	438.8	10.6	37.4	165	4.2	1559	
1993	39.9	40.7	1835	675	689	199.0	448.9	5.9	20.5	91	4.1	1534	
1994	34.5	34.5	1849	682	682	205.9	459.2	5.1	16.7	75	4.0	1485	
NATO													
1984	377.5	522.5	5941	7890	10920	3541.5	633.1	4.8	14.8	825	9.4	17250	
1985	405.7	541.7	5930	8407	11230	3681.3	637.4	4.8	14.7	850	9.3	17610	
1986	432.6	562.6	6024	8879	11550	3730.1	641.8	4.9	15.1	877	9.4	17990	
1987	447.8	564.4	6030	9433	11890	3749.2	646.2	4.7	15.1	873	9.3	18400	
1988	455.8	553.1	5959	10190	12360	3797.6	651.1	4.5	14.6	850	9.2	18990	
1989	475.2	551.8	5863	10970	12730	3891.5	656.8	4.3	14.2	840	8.9	19390	
1990	485.5	540.3	5777	11660	12980	4060.7	663.0	4.2	13.3	815	8.7	19570	
1991	468.5	502.2	5592	12500	13400	4363.6	685.2	3.7	11.5	733	8.2	19550	
1992	489.9	510.9	5159	13050	13610	4461.5	691.0	3.8	11.5	739	7.5	19690	
1993	480.0	489.9	4883	13520	13800	4525.0	696.7	3.6	10.8	703	7.0	19800	
1994	469.3	469.3	4874	14250	14250	4631.4	702.1	3.3	10.1	668	6.9	20300	

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY REFERENCE GROUP a

Year	Military Expenditures (ME) Billion Dollars		Armed Forces Thousands	Gross National Product (GNP) Billion Dollars		Central Government Expenditures (CGE) Billion Dollars	People Millions	ME ----- GNP %	ME ----- CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994							
- FORMER WARSAW PACT												
1984	310.9	430.3	5323	2571	3559	995.9	387.5	12.1	43.2	1110	13.7	9183
1985	327.1	436.8	5334	2680	3580	1028.5	390.5	12.2	42.5	1119	13.7	9166
1986	339.9	442.0	5343	2840	3693	1096.6	393.5	12.0	40.3	1123	13.6	9386
1987	357.4	450.5	5351	2956	3726	1125.7	396.4	12.1	40.0	1136	13.5	9399
1988	373.5	453.3	5280	3170	3848	1131.2	398.9	11.8	40.1	1136	13.2	9645
1989	357.7	415.4	4952	3330	3867	1081.9	401.4	10.7	38.4	1035	12.3	9634
1990	324.2	360.8	4397	3295	3667	987.1	403.5	9.8	36.6	894	10.9	9088
1991	276.6	296.5	3854	2990	3205	797.5	389.4	9.3	37.2	761	9.9	8231
1992	160.3	167.1	3590	1860	1940	970.6	389.3	8.6	17.2	429	9.2	4983
1993	125.8	128.3	3764	1757	1793	904.6	391.1	7.2	14.2	328	9.6	4586
1994	111.6	111.6	2912	1698	1698	519.5	392.8	6.6	21.5	284	7.4	4324
- NATO EUROPE												
1984	134.0	185.4	3637	3791	5247	2190.4	371.8	3.5	8.5	499	9.8	14110
1985	140.2	187.3	3603	4030	5382	2228.4	373.7	3.5	8.4	501	9.6	14400
1986	144.0	187.2	3670	4259	5538	2273.8	375.7	3.4	8.2	498	9.8	14740
1987	151.5	190.9	3665	4520	5697	2306.3	377.8	3.4	8.3	505	9.7	15080
1988	154.2	187.1	3625	4878	5921	2329.3	380.1	3.2	8.0	492	9.5	15580
1989	162.3	188.5	3534	5271	6121	2390.2	383.2	3.1	7.9	492	9.2	15970
1990	169.9	189.1	3509	5647	6285	2485.9	386.4	3.0	7.6	489	9.1	16260
1991	179.2	192.1	3391	6305	6758	2702.3	405.6	2.8	7.1	474	8.4	16660
1992	175.4	182.9	3158	6557	6838	2824.1	408.2	2.7	6.5	448	7.7	16750
1993	172.8	176.4	2992	6680	6818	2881.1	410.8	2.6	6.1	429	7.3	16600
1994	171.7	171.7	3084	7000	7000	2978.6	413.3	2.5	5.8	415	7.5	16930
- LATIN AMERICA												
1984	18.0	24.9	1799	866	1198	319.3	388.2	2.1	7.8	64	4.6	3087
1985	16.9	22.6	1815	924	1234	394.0	396.1	1.8	5.7	57	4.6	3116
1986	19.1	24.8	1834	998	1298	405.1	404.2	1.9	6.1	61	4.5	3211
1987	18.5	23.3	1879	1072	1351	463.8	412.3	1.7	5.0	57	4.6	3276
1988	18.7	22.7	1582	1115	1353	374.3	420.5	1.7	6.1	54	3.8	3217
1989	19.4	22.6	1593	1173	1362	369.5	428.7	1.7	6.1	53	3.7	3177
1990	20.0	22.2	1586	1230	1369	339.6	436.8	1.6	6.5	51	3.6	3134
1991	18.6	19.9	1562	1320	1414	284.3	444.6	1.4	7.0	45	3.5	3181
1992	18.3	19.0	1444	1392	1451	301.2	452.4	1.3	6.3	42	3.2	3208
1993	18.7	19.1	1444	1473	1503	304.0	460.1	1.3	6.3	41	3.1	3266
1994	19.3	19.3	1287	1573	1573	320.6	467.8	1.2	6.0	41	2.8	3362
CIS												
1992	147.9	154.2	2799	1375	1434	826.9	284.7	10.8	18.6	542	9.8	5035
1993	114.3	116.7	3135	1253	1278	735.5	286.3	9.1	15.9	407	11.0	4465
1994	99.3	99.3	2158	1172	1172	NA	287.8	8.5	NA	345	7.5	4071



ACDA Homepage

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY COUNTRY

Year	Military Expenditures (ME) Million Dollars		Armed Forces Thousands	Gross National Product (GNP) Million Dollars		Central Government Expenditures (CGE) Million Dollars	People Millions	ME GNP %	ME CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994							
Afghanistan												
1984	238 E	329 E	46	2624 E	3632 E	511 E	13.8	9.1	64.4	24	3.3	263
1985	NA	NA	47	2503	3342 E	NA	13.9	NA	NA	NA	3.4	240
1986	NA	NA	47	2382 E	3098 E	NA	14.0	NA	NA	NA	3.3	221
1987	NA	NA	50	NA	NA	NA	14.4	NA	NA	NA	3.5	NA
1988	NA	NA	55	NA	NA	NA	14.8	NA	NA	NA	3.7	NA
1989	NA	NA	55	2600 E	3019 E	NA	15.3	NA	NA	NA	3.6	197
1990	400 E	445 E	58	NA	NA	NA	15.6	NA	NA	NA	3.7	NA
1991	NA	NA	45	NA	NA	NA	15.9	NA	NA	NA	2.8	NA
1992	NA	NA	45	NA	NA	NA	16.6	NA	NA	NA	2.7	NA
1993	NA	NA	45	NA	NA	NA	17.9	NA	NA	NA	2.5	NA
1994	NA	NA	45	NA	NA	NA	19.3	NA	NA	NA	2.3	NA
Albania												
1984	143	198	NA	NA	NA	1799	2.9	NA	11.0	68	NA	NA
1985	143	191	NA	2700	3606	1749	3.0	5.3	10.9	65	NA	1218
1986	NA	NA	NA	2800	3641	NA	3.0	NA	NA	NA	NA	1206
1987	151 E	190 E	NA	2940 E	3705 E	1714 E	3.1	5.1	11.1	62	NA	1204
1988	157 E	191 E	NA	3087 E	3747 E	1672 E	3.1	5.1	11.4	61	NA	1193
1989	157 E	182 E	NA	3800 E	4413 E	NA	3.2	4.1	NA	57	NA	1379
1990	NA	NA	NA	4100 E	4563 E	NA	3.2	NA	NA	NA	NA	1404
1991	NA	NA	NA	2700 E	2894 E	1501 E	3.3	NA	NA	NA	NA	884
1992	NA	NA	65 E	2500 E	2607 E	NA	3.3	NA	NA	NA	19.7	792
1993	NA	NA	65 E	3300 E	3368 E	NA	3.3	NA	NA	NA	19.5	1010
1994	NA	NA	75	3800 E	3800 E	1400 E	3.4	NA	NA	NA	22.2	1126
Algeria												
	b	b										
1984	944 E	1307 E	170	28530	39490	15660	21.5	3.3	8.3	61	7.9	1838
1985	793 E	1059 E	170	31250	41740	16860	22.2	2.5	6.3	48	7.7	1882
1986	933 E	1213 E	180	31870	41440	16200	22.8	2.9	7.5	53	7.9	1814
1987	927 E	1168 E	170	33040	41640	15290	23.5	2.8	7.6	50	7.2	1773
1988	1082 E	1313 E	126	33190	40280	14020	24.1	3.3	9.4	54	5.2	1671
1989	1080 E	1254 E	126	36380	42250	NA	24.7	3.0	NA	51	5.1	1709
1990	767 E	853 E	126	37450	41680	11100	25.4	2.0	7.7	34	5.0	1644
1991	636 E	682 E	126	37840	40560	NA	26.0	1.7	NA	26	4.8	1561
1992	754 E	786 E	139	39700	41400	13220 E	26.6	1.9	5.9	30	5.2	1555
1993	1135 E	1159 E	139	40080	40910	NA	27.3	2.8	NA	43	5.1	1501
1994	1335	1335	126	40510	40510	17900 E	27.9	3.3	7.5	48	4.5	1452
Angola												

1984	NA	NA	60	4114 E	5693 E	NA	7.4	NA	NA	NA	8.1	769
1985	NA	NA	66	4379	5847	NA	7.6	NA	NA	NA	8.7	772
1986	955 E	1242 E	70	5138	6681	NA	7.8	18.6	NA	160	9.0	862
1987	NA	NA	74	6088	7673	NA	7.9	NA	NA	NA	9.4	970
1988	NA	NA	107	6426	7799	3014 E	8.1	NA	NA	NA	13.2	964
1989	NA	NA	107	6638	7708	NA	8.2	NA	NA	NA	13.0	934
1990	NA	NA	115	NA	NA	3654 E	8.4	NA	NA	NA	13.6	NA
1991	NA	NA	150	NA	NA	NA	8.7	NA	NA	NA	17.3	NA
1992	NA	NA	128	NA	NA	4267 E	9.1	NA	NA	NA	14.1	NA
1993	NA	NA	128	NA	NA	NA	9.5	NA	NA	NA	13.4	NA
1994	NA	NA	120	NA	NA	NA	9.8	NA	NA	NA	12.2	NA

Go to [Next](#) [Next Page](#) [Contents](#) [Table I Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY COUNTRY

Year	Military Expenditures (ME) Million Dollars		Armed Forces Thousands	Gross National Product (GNP) Million Dollars		Central Government Expenditures (CGE) Million Dollars	People Millions	ME ----- GNP %	ME ----- CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars	
	Current	Constant 1994		Current	Constant 1994								Constant 1994
	Argentina												
1984	7319 E	10130 E	174	151800	210100	45070	30.0	4.8	22.5	338	5.8	7010	
1985	5529 E	7384 E	129	145100	193800	59680	30.4	3.8	12.4	243	4.2	6377	
1986	6323 E	8223 E	104	162600	211500	51690	30.8	3.9	15.9	267	3.4	6867	
1987	4531	5711	118	171900	216700	38280	31.2	2.6	14.9	183	3.8	6945	
1988	4524	5490	95	175700	213200	24830	31.6	2.6	22.1	174	3.0	6747	
1989	4358	5061	95	164700	191300	11250	32.0	2.6	45.0	158	3.0	5979	
1990	3407	3792	85	179900	200200	9014	32.4	1.9	42.1	117	2.6	6181	
1991	2745	2942	70	206000	220900	11330	32.8	1.3	26.0	90	2.1	6739	
1992	4475	4666	65	232900	242900	14160	33.2	1.9	33.0	141	2.0	7327	
1993	4240	4328	65	254300	259500	17460	33.5	1.7	24.8	129	1.9	7739	
1994	4716	4716	69	278200	278200	17490	33.9	1.7	27.0	139	2.0	8205	
Armenia													
	E	E		E	E	E							
1992	NA	NA	20	8846	9225	4508	3.4	NA	NA	NA	5.8	2682	
1993	NA	NA	21	7760	7920	NA	3.5	NA	NA	NA	6.0	2275	
1994	71	71	45	8187	8187	NA	3.5	0.9	NA	20	12.8	2325	
Australia													
1984	4501	6230	71	170600	236100	65780	15.6	2.6	9.5	400	4.6	15150	
1985	4910	6557	70	183200	244700	69620	15.8	2.7	9.4	415	4.4	15500	
1986	4985	6483	71	193100	251100	71210	16.0	2.6	9.1	405	4.4	15680	
1987	5484	6911	70	209100	263600	71390	16.3	2.6	9.7	425	4.3	16210	
1988	5141	6239	71	225300	273500	68580	16.5	2.3	9.1	377	4.3	16540	
1989	5307	6162	70	240600	279400	67540	16.8	2.2	9.1	366	4.2	16620	
1990	5845	6505	68	249500	277700	70750	17.1	2.3	9.2	381	4.0	16270	
1991	6687	7167	68	261700	280500	76040	17.3	2.6	9.4	414	3.9	16190	
1992	7034	7335	68	279400	291400	80700	17.6	2.5	9.1	417	3.9	16580	
1993	7926	8090	68	297800	304000	85050	17.8	2.7	9.5	454	3.8	17050	
1994	8270	8270	59	320400	320400	88020	18.1	2.6	9.4	457	3.3	17720	
Austria													
1984	1380	1909	40	110400	152800	62140	7.6	1.2	3.1	253	5.3	20240	
1985	1565	2090	40	117400	156800	63140	7.6	1.3	3.3	277	5.3	20750	
1986	1618	2105	39	121600	158200	65320	7.6	1.3	3.2	278	5.2	20910	
1987	1589	2003	70	127500	160700	65530	7.6	1.2	3.1	264	9.2	21220	
1988	1566	1901	55	137800	167300	68550	7.6	1.1	2.8	250	7.2	22020	
1989	1672	1941	48	149600	173700	67820	7.6	1.1	2.9	255	6.3	22780	
1990	1750	1948	43	162900	181300	72020	7.7	1.1	2.7	252	5.6	23490	
1991	1771	1898	44	173600	186100	75300	7.8	1.0	2.5	243	5.6	23820	

1992	1747	1822	52	182800	190600	77650	7.9	1.0	2.3	232	6.6	24220
1993	1782	1818	NA	186700	190600	80280	7.9	1.0	2.3	230	NA	24070
1994	1863	1863	45	195700	195700	NA	8.0	1.0	NA	234	5.7	24600
Azerbaijan	E	E		E	E	E						
1992	208	217	43	18380	19170	5770	7.5	1.1	3.8	29	5.7	2571
1993	540	551	63	16580	16920	NA	7.6	3.3	NA	73	8.3	2234
1994	132	132	50	12850	12850	NA	7.7	1.0	NA	17	6.5	1672

Go to [Next](#) [Next Page](#) [Contents](#) [Table I Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY COUNTRY

Year	Military Expenditures (ME) Million Dollars		Armed Forces Thousands	Gross National Product (GNP) Million Dollars		Central Government Expenditures (CGE) Million Dollars	People Millions	ME ----- GNP %	ME ----- CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994							
Bahrain												
				E	E							
1984	148	205	3	3753	5194	2010	0.4	3.9	10.2	501	7.3	12720
1985	151	201	3	3413	4557	1874	0.4	4.4	10.7	474	7.1	10740
1986	161	209	4	2886	3753	1770	0.4	5.6	11.8	475	8.0	8529
1987	160	202	4	2883	3634	1797	0.5	5.6	11.2	444	8.8	7983
1988	187	227	5	3016	3660	1127	0.5	6.2	20.2	483	10.6	7783
1989	196	227	5	3341	3880	1720	0.5	5.9	13.2	468	10.5	7987
1990	216	240	8	3448	3837	1771	0.5	6.3	13.6	479	15.9	7649
1991	237	254	8	3583	3841	1643	0.5	6.6	15.5	492	15.5	7432
1992	252	262	7	3835	3999	1711	0.5	6.6	15.3	494	13.2	7528
1993	251	256	7	4006	4088	1535 E	0.5	6.3	16.7	469	12.8	7486
1994	256	256	8	4006	4006	1522	0.6	6.4	16.8	456	14.3	7140
Bangladesh												
1984	234	323	81	12380	17130	2025	98.8	1.9	16.0	3	0.8	173
1985	231	309	91	13310	17780	2375	101.4	1.7	13.0	3	0.9	175
1986	242	315	91	14230	18510	NA	103.8	1.7	NA	3	0.9	178
1987	281	355	102	15320	19300	NA	106.3	1.8	NA	3	1.0	182
1988	274	333	102	16360	19860	NA	108.8	1.7	NA	3	0.9	183
1989	279	325	103	17560	20400	3062	111.4	1.6	10.6	3	0.9	183
1990	301	336	103	19540	21750	NA	114.0	1.5	NA	3	0.9	191
1991	288	309	107	20990	22500	3667	116.7	1.4	8.4	3	0.9	193
1992	327	341	107	22430	23390	3732	119.4	1.5	9.1	3	0.9	196
1993	410	418	107	24050	24540	4217	122.3	1.7	9.9	3	0.9	201
1994	448	448	113	25730	25730	NA	125.1	1.7	NA	4	0.9	206
Barbados												
1984	11	15	1	1081	1496	497	0.3	1.0	2.9	57	3.9	5906
1985	11	15	1	1130	1509	517	0.3	1.0	3.0	60	.9	5944
1986	8	10	1	1266	1647	548	0.3	0.6	1.8	40	2.0	6478
1987	8	10	1	1303	1643	615	0.3	0.6	1.6	38	2.0	6459
1988	10	12	0	1420	1724	645	0.3	0.7	1.9	48	1.7	6778
1989	10	12	0	1562	1814	624	0.3	0.6	1.8	45	1.4	7135
1990	NA	NA	0	1551	1726	594 E	0.3	NA	NA	NA	1.8	6784
1991	NA	NA	0	1554	1666	552 E	0.3	NA	NA	NA	1.6	6543
1992	NA	NA	0	1531	1596	524 E	0.3	NA	NA	NA	1.6	6261
1993	12	13	0	1569	1601	553 E	0.3	0.8	2.3	49	1.6	6271
1994	13	13	0	1671	1671	546 E	0.3	0.8	2.4	51	0	6530
Belarus												
	E	E		E	E							
1992	NA	NA	102 E	70010	73010	36140	10.3	NA	NA	NA	9.9	7065
1993	200	204	115	65630	66980	NA	10.4	0.3	NA	20	11.1	6459
1994	173	173	90	50920	50920	NA	10.4	0.3	NA	17	8.6	4894

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY COUNTRY

Year	Military Expenditures (ME) Million Dollars		Armed Forces Thousands	Gross National Product (GNP) Million Dollars		Central Government Expenditures (CGE) Million Dollars	People Millions	ME ---- GNP %	ME ---- CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994							
Belgium												
1984	4225	5847	107	132900	184000	110900	9.9	3.2	5.3	593	10.9	18670
1985	4278	5713	107	138500	185000	108600	9.9	3.1	5.3	579	10.9	18770
1986	4462	5802	107	144800	188200	105700	9.9	3.1	5.5	588	10.8	19090
1987	4597	5794	109	152700	192500	103500	9.9	3.0	5.6	587	11.0	19500
1988	4547	5518	110	166400	202000	103500	9.9	2.7	5.3	558	11.1	20440
1989	4604	5346	110	180600	209700	105000	9.9	2.5	5.1	538	11.1	21100
1990	4729	5263	106	193700	215500	108000	10.0	2.4	4.9	528	10.6	21630
1991	4865	5215	101	206900	221800	111700	10.0	2.4	4.7	522	10.1	22200
1992	4068	4242	79	216200	225500	115000	10.0	1.9	3.7	423	7.9	22510
1993	3888	3969	70	219600	224100	113700	10.0	1.8	3.5	395	7.0	22320
1994	3944	3944	53	229400	229400	NA	10.1	1.7	NA	392	5.3	22800
Belize												
1984	3	5	1	199	275	71	0.2	1.7	6.5	28	5.0	1711
1985	3	5	1	208	278	78	0.2	1.6	5.7	27	5.4	1681
1986	NA	NA	1	229	298	NA	0.2	NA	NA	NA	5.3	1746
1987	NA	NA	1	262	331	NA	0.2	NA	NA	NA	5.1	1880
1988	4	5	1	296	359	69	0.2	1.4	7.0	27	5.3	1987
1989	4	5	1	345	401	115	0.2	1.3	4.4	27	5.1	2160
1990	5	6	1	401	446	125	0.2	1.3	4.5	29	5.2	2350
1991	5	5	1	433	464	142	0.2	1.1	3.6	27	5.0	2385
1992	6	6	1	484	505	155	0.2	1.2	3.8	30	5.0	2535
1993	7	7	1	513	524	189	0.2	1.3	3.7	34	4.9	2567
1994	9	9	1	533	533	207	0.2	1.7	4.4	44	4.8	2551
Benin												
1984	19	27	6	818	1132	261	3.9	2.4	10.2	7	1.6	293
1985	NA	NA	6	908	1213	NA	4.0	NA	NA	NA	1.5	304
1986	21	27	4	954	1241	NA	4.1	2.2	NA	7	1.0	302
1987	NA	NA	4	971	1224	250 E	4.2	NA	NA	NA	0.9	289
1988	25	30	5	1046	1269	172	4.4	2.4	17.7	7	1.1	290
1989	23	27	5	1051	1221	140	4.5	2.2	19.4	6	1.0	270
1990	23	26	6	1141	1270	NA	4.7	2.0	NA	6	1.3	272
1991	NA	NA	7	1246	1336	254 E	4.8	NA	NA	NA	1.4	276
1992	17 E	18 E	6	1320	1376	NA	5.0	1.3	NA	4	1.2	275
1993	22 E	22 E	6	1406	1435	258 E	5.2	1.5	8.6	4	1.2	278
1994	34	34	6	1481	1481	NA	5.3	2.3	NA	6	1.1	277
Bhutan												

1984	NA	NA	NA	98	135	60	1.4	NA	NA	NA	NA	97
1985	NA	NA	NA	104	139	84	1.4	NA	NA	NA	NA	98
1986	NA	NA	NA	120	157	82	1.4	NA	NA	NA	NA	108
1987	NA	NA	NA	160	201	NA	1.5	NA	NA	NA	NA	136
1988	NA	NA	NA	173	210	99	1.5	NA	NA	NA	NA	139
1989	NA	NA	NA	185	215	100	1.5	NA	NA	NA	NA	139
1990	NA	NA	NA	204	227	83	1.6	NA	NA	NA	NA	143
1991	NA	NA	NA	223	239	78	1.6	NA	NA	NA	NA	147
1992	NA	NA	5	237	248	85	1.7	NA	NA	NA	3.0	149
1993	NA	NA	5	254	259	91	1.7	NA	NA	NA	2.9	152
1994	NA	NA	5	272	272	110	1.7	NA	NA	NA	2.9	156

Go to [Next](#) [Next Page](#) [Contents](#) [Table I Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE I. Military Expenditures, Armed Forces, GNP, Central Government Expenditures, and Population, 1984-1994 -- continued

BY COUNTRY

Year	Military Expenditures (ME) Million Dollars		Armed Forces Thousands	Gross National Product (GNP) Million Dollars		Central Government Expenditures (CGE) Million Dollars	People Millions	ME GNP %	ME CGE %	ME PER CAPITA Constant 1994 Dollars	Armed Forces Per 1,000 People Soldiers	GNP PER CAPITA Constant 1994 Dollars
	Current	Constant 1994		Current	Constant 1994							
Bolivia												
1984	57	79	28	2855	3952	NA	6.0	2.0	NA	13	4.6	654
1985	NA	NA	28	2870	3833	NA	6.2	NA	NA	NA	4.5	618
1986	98 E	127 E	30	2919	3796	563	6.4	3.3	22.6	20	4.7	597
1987	141	177	30	3151	3971	530	6.5	4.5	33.5	27	4.6	609
1988	145	176	28	3377	4099	637	6.7	4.3	27.7	26	4.2	612
1989	132	153	30	3645	4233	712	6.9	3.6	21.5	22	4.4	617
1990	142	158	30	4021	4475	843	7.0	3.5	18.8	22	4.3	637
1991	114	122	33	4386	4702	872	7.2	2.6	14.0	17	4.6	653
1992	102	106	32	4688	4888	1130	7.4	2.2	9.4	14	4.3	663
1993	121	124	32	4981	5083	1314	7.5	2.4	9.4	16	4.2	674
1994	130	130	28	5315	5315	1347	7.7	2.4	9.6	17	3.6	688
Bosnia and Herzegovina												
1992	NA	NA	60	NA	NA	NA	4.0	NA	NA	NA	15.1	NA
1993	NA	NA	NA	NA	NA	NA	3.4	NA	NA	NA	NA	NA
1994	NA	NA	70	NA	NA	NA	3.2	NA	NA	NA	22.0	NA
Botswana												
1984	35	48	3	1237	1712	802	1.0	2.8	6.0	47	2.9	1669
1985	34	45	3	1327	1772	767	1.1	2.5	5.8	42	2.8	1676
1986	49	64	4	1422	1849	857	1.1	3.4	7.4	58	3.7	1696
1987	93	117	4	1678	2115	1075	1.1	5.5	10.9	104	3.6	1883
1988	105	128	4	1927	2339	1239	1.2	5.5	10.3	111	3.5	2023
1989	103	119	6	2332	2708	1198	1.2	4.4	10.0	100	5.0	2275
1990	148	165	6	2706	3012	1526	1.2	5.5	10.8	135	4.9	2460
1991	167	179	7	3134	3360	1633	1.3	5.3	11.0	142	5.2	2670
1992	174	181	6	3636	3792	1756	1.3	4.8	10.3	140	4.6	2935
1993	228	233	6	3583	3657	1913 E	1.3	6.4	12.2	176	4.5	2758
1994	229	229	8	3806	3806	1629 E	1.4	6.0	14.1	169	5.9	2800
Brazil												
1984	2623	3630	459	312300	432300	131300	134.3	0.8	2.8	27	3.4	3220
1985	2877	3843	496	350900	468500	186900	136.8	0.8	2.1	28	3.6	3424
1986	3683	4789	527	392400	510300	192100	139.5	0.9	2.5	34	3.8	3657
1987	4359	5494	541	422600	532600	258800	142.3	1.0	2.1	39	3.8	3744
1988	6228	7559	319	437500	530900	196200	145.0	1.4	3.9	52	2.2	3662
1989	7236	8402	319	477200	554200	219400	147.7	1.5	3.8	57	2.2	3753
1990	8157	9078	295	478200	532200	197700	150.1	1.7	4.6	60	2.0	3546
1991	6712	7194	295	501100	537100	148300	152.3	1.3	4.9	47	1.9	3526
1992	5482	5717	296	511800	533700	161100	154.5	1.1	3.5	37	1.9	3454
1993	6466	6599	296	547200	558500	NA	156.7	1.2	NA	42	1.9	3565
1994	6427	6427	196	580200	580200	NA	158.7	1.1	NA	40	1.2	3655

WORLD MILITARY EXPENDITURES AND ARMS TRANSFERS 19

Table I: Military Expenditures, Armed Forces, . . . [Etc.], 1

Year	Military Expenditures (ME) (billion \$)		Armed Forces Thous.	Gross National Product (GNP) (billion \$)		Central Government Expenditures (CGE) (billion \$)	People Millions	ME/ GNP %	M
	Current [MCD94]	Const. 1994\$ M94D	FRC	Current GCD94	Const. 1994\$ G94D	Const. 1994\$ CG94D	POP	M94XG	
TOTALS a/									
WORLD									
1984	904.5	1251.8	28060	16450	22770	6568.3	4758.2	5.5	
1985	952.2	1271.6	28070	17570	23470	6867.3	4839.5	5.4	
1986	997.4	1297.0	28480	18590	24170	7012.9	4923.1	5.4	
1987	1029.6	1297.7	28320	19830	24990	7102.0	5010.2	5.2	
1988	1058.6	1284.8	28700	21500	26090	7095.3	5098.3	4.9	
1989	1068.9	1241.3	28580	23150	26880	7212.1	5187.0	4.6	
1990	1081.2	1203.3	27740	24550	27320	7295.6	5278.1	4.4	
1991	1027.3	1101.1	25880	25840	27690	7686.6	5364.7	4.0	
1992	931.5	971.4	24820	25910	27020	8060.7	5452.0	3.6	
1993	867.1	884.9	24580	26870	27420	8195.9	5539.1	3.2	
1994	840.3	840.3	23540	28150	28150	NA	5626.5	3.0	
DEVELOPED									
1984	736.4	1019.2	11980	13680	18930	5506.1	1208.6	5.4	
1985	783.6	1046.5	11920	14580	19470	5685.3	1217.2	5.4	
1986	825.0	1072.8	11940	15410	20040	5807.4	1226.1	5.4	
1987	859.6	1083.4	11960	16380	20650	5886.3	1234.8	5.2	
1988	890.0	1080.1	11920	17760	21550	5969.3	1243.5	5.0	
1989	900.2	1045.4	11590	19120	22200	6072.4	1253.1	4.7	
1990	888.7	989.1	11000	20230	22510	6184.3	1262.8	4.4	
1991	828.9	888.5	10280	21210	22730	6614.1	1272.8	3.9	
1992	731.1	762.4	8900	20360	21230	6619.0	1136.3	3.6	
1993	697.9	712.3	8827	20930	21360	6768.9	1144.1	3.3	
1994	676.5	676.5	7936	21940	21940	6740.8	1151.5	3.1	
DEVELOPING									
1984	168.1	232.7	16080	2773	3838	1062.2	3549.6	6.1	
1985	168.6	225.1	16150	2993	3997	1182.0	3622.3	5.6	
1986	172.4	224.1	16540	3176	4131	1205.4	3697.0	5.4	
1987	170.0	214.2	16360	3446	4343	1215.6	3775.4	4.9	
1988	168.7	204.7	16780	3742	4542	1125.9	3854.8	4.5	
1989	168.7	195.8	17000	4030	4680	1139.7	3933.9	4.2	
1990	192.5	214.3	16730	4322	4810	1111.3	4015.2	4.5	
1991	198.4	212.7	15590	4630	4963	1072.6	4091.9	4.3	
1992	200.4	209.0	15920	5559	5797	1441.7	4315.7	3.6	
1993	169.2	172.6	15750	5940	6063	1427.0	4395.0	2.8	
1994	163.7	163.7	15600	6212	6212	NA	4475.0	2.6	
AFRICA									
1984	13.3	18.4	1548	242	335	106.8	475.3	5.5	
1985	12.3	16.4	1614	257	343	108.7	489.4	4.8	
1986	12.6	16.4	1718	263	342	112.2	503.8	4.8	
1987	12.5	15.7	1765	276	348	113.8	518.9	4.5	
1988	13.0	15.8	1658	292	355	108.2	534.2	4.5	
1989	13.6	15.8	1678	315	366	110.2	550.2	4.3	
1990	13.7	15.2	1710	340	379	112.4	566.7	4.0	

1991	13.1	14.1	1616	361	387	115.4	583.3	3.6
1992	14.1	14.7	1558	371	387	118.9	603.3	3.8
1993	12.4	12.7	1558	371	378	122.1	620.9	3.3
1994	10.8	10.8	1576	390	390	NA	638.9	2.8

NORTH_AFRICA

1984	7.0	9.7	447	74	102	42.8	54.8	9.5
1985	6.3	8.4	464	81	108	42.9	56.3	7.8
1986	6.1	7.9	494	79	103	41.1	57.8	7.7
1987	4.9	6.2	499	82	103	39.3	59.3	6.0
1988	5.3	6.4	447	82	100	38.2	60.9	6.4
1989	5.5	6.4	447	89	103	38.0	62.4	6.2
1990	5.2	5.8	442	100	111	36.1	64.0	5.2
1991	4.4	4.7	442	108	115	37.4	65.5	4.1
1992	5.0	5.2	454	111	116	38.3	67.1	4.5
1993	4.2	4.3	454	111	113	42.3	68.7	3.8
1994	4.5	4.5	436	119	119	44.1	70.2	3.8

SUBSAHARAN_AFRICA

1984	3.0	4.1	1004	90	125	30.5	386.8	3.3
1985	3.0	4.0	1055	96	129	31.1	398.5	3.1
1986	3.4	4.4	1134	102	133	35.4	410.4	3.3
1987	3.8	4.8	1164	107	135	36.7	423.0	3.5
1988	3.7	4.5	1111	115	140	35.0	435.9	3.2
1989	3.7	4.3	1131	125	145	34.4	449.3	3.0
1990	4.1	4.5	1183	136	151	38.9	463.2	3.0
1991	4.9	5.3	1094	144	154	42.1	477.2	3.4
1992	5.8	6.1	1032	150	157	42.1	494.5	3.9
1993	4.7	4.8	1032	146	149	41.1	509.4	3.2
1994	3.4	3.4	1038	152	152	NA	524.7	2.2

C_ASIA&CAUC

1992	2.4	2.5	220	200	208	72.6	69.2	1.2
1993	1.7	1.8	247	185	189	66.0	70.4	0.9
1994	1.3	1.3	167	157	157	NA	71.5	0.8

EAST_ASIA

1984	87.3	120.9	8546	3526	4881	936.4	1641.9	2.5
1985	93.5	124.9	8307	3887	5190	974.4	1665.6	2.4
1986	97.5	126.8	8561	4163	5413	1039.8	1690.8	2.3
1987	100.9	127.1	8052	4559	5746	1055.2	1718.6	2.2
1988	106.4	129.1	8349	5092	6180	1080.2	1746.3	2.1
1989	114.3	132.8	8735	5591	6493	1153.5	1772.7	2.0
1990	121.7	135.4	8316	6124	6815	1176.6	1798.8	2.0
1991	124.7	133.7	8149	6702	7184	1483.6	1823.7	1.9
1992	132.6	138.3	7909	7210	7519	1515.6	1847.4	1.8
1993	140.5	143.4	7813	7662	7820	1626.0	1870.6	1.8
1994	144.8	144.8	7755	8057	8057	1663.2	1893.7	1.8

MIDDLE_EAST

1984	71.8	99.4	2531	402	557	287.5	155.4	17.9
1985	69.2	92.4	2541	401	536	281.8	160.8	17.3
1986	66.6	86.6	2503	374	486	221.5	166.4	17.8
1987	61.8	77.9	2699	392	494	185.9	171.6	15.8
1988	59.9	72.7	3224	412	500	191.1	177.1	14.5
1989	57.0	66.1	3203	445	517	187.3	182.6	12.8
1990	81.2	90.4	3405	491	547	183.8	190.4	16.5
1991	90.7	97.2	2560	515	553	187.9	194.7	17.6
1992	81.3	84.8	2448	561	585	205.0	201.1	14.5
1993	52.3	53.4	2448	579	590	204.5	206.7	9.0
1994	45.1	45.1	2405	582	582	207.1	212.2	7.7

SOUTH_ASIA

1984	6.6	9.1	1773	173	240	49.0	996.8	3.8
1985	7.2	9.7	1933	189	252	55.8	1019.2	3.8

1986	7.9	10.2	1933	203	264	62.1	1041.6	3.9
1987	8.8	11.1	1952	219	276	63.0	1064.5	4.0
1988	9.5	11.6	2062	247	299	66.8	1087.7	3.9
1989	9.8	11.4	2000	272	316	73.5	1111.3	3.6
1990	10.4	11.6	2035	300	333	73.8	1135.1	3.5
1991	10.0	10.8	2044	314	337	71.8	1159.0	3.2
1992	10.2	10.7	2059	339	354	74.4	1183.4	3.0
1993	11.8	12.0	2059	358	365	80.3	1208.7	3.3
1994	12.5	12.5	2066	383	383	78.8	1234.1	3.3

EUROPE_ALL

1984	458.8	634.9	9471	6936	9600	3432.2	816.4	6.6
1985	482.1	643.8	9447	7320	9776	3510.2	821.6	6.6
1986	499.4	649.4	9489	7739	10060	3624.3	826.9	6.5
1987	524.6	661.1	9522	8149	10270	3685.5	832.1	6.4
1988	543.6	659.7	9396	8767	10640	3718.9	837.3	6.2
1989	535.6	622.0	8957	9377	10890	3727.2	843.2	5.7
1990	512.0	569.8	8327	9758	10860	3744.5	848.9	5.2
1991	473.4	507.5	7655	10120	10850	3787.8	854.4	4.7
1992	350.4	365.4	7094	9019	9405	4035.7	786.6	3.9
1993	313.7	320.2	7031	9052	9238	4045.7	789.8	3.5
1994	299.8	299.8	6418	9380	9380	3827.1	793.2	3.2

WESTERN EUROPE

1984	144.5	200.0	3825	4275	5916	2425.5	403.0	3.4
1985	151.5	202.3	3790	4546	6071	2471.7	405.0	3.3
1986	155.5	202.2	3847	4798	6239	2517.6	407.1	3.2
1987	162.9	205.3	3872	5091	6416	2548.8	409.2	3.2
1988	166.1	201.6	3822	5492	6665	2576.5	411.6	3.0
1989	174.8	203.0	3715	5935	6892	2637.1	414.8	2.9
1990	183.4	204.1	3685	6355	7072	2747.2	418.3	2.9
1991	193.1	207.0	3567	7037	7543	2979.7	437.7	2.7
1992	188.9	197.0	3334	7305	7618	3117.6	440.6	2.6
1993	186.5	190.4	3162	7437	7590	3190.8	443.4	2.5
1994	186.4	186.4	3291	7793	7793	3290.8	446.1	2.4

EASTERN EUROPE

1984	314.2	434.9	5646	2661	3684	1006.6	413.4	11.8
1985	330.6	441.5	5657	2774	3705	1038.5	416.6	11.9
1986	343.9	447.2	5642	2941	3824	1106.8	419.8	11.7
1987	361.6	455.8	5650	3058	3854	1136.7	422.9	11.8
1988	377.5	458.2	5574	3275	3975	1142.4	425.6	11.5
1989	360.8	419.0	5242	3442	3997	1090.1	428.3	10.5
1990	328.6	365.7	4642	3404	3788	997.3	430.5	9.7
1991	280.3	300.5	4088	3086	3308	808.1	416.6	9.1
1992	161.5	168.4	3760	1714	1787	918.1	346.0	9.4
1993	127.2	129.8	3869	1614	1648	854.9	346.4	7.9
1994	113.4	113.4	3127	1587	1587	536.3	347.1	7.1

CENTRAL AMERICA&CAR

1984	2.4	3.3	522	62	85	31.5	50.2	3.9
1985	2.3	3.1	537	66	88	28.7	51.3	3.5
1986	2.3	2.9	538	70	91	31.1	52.3	3.2
1987	2.3	2.9	544	75	94	27.1	53.4	3.1
1988	2.2	2.7	531	77	93	27.2	54.4	2.9
1989	2.3	2.7	527	82	95	27.2	55.5	2.8
1990	2.3	2.6	495	83	92	26.8	56.7	2.8
1991	1.9	2.0	492	79	85	22.9	57.9	2.4
1992	1.1	1.2	356	80	84	21.7	59.0	1.4
1993	1.1	1.1	356	81	83	21.1	60.1	1.3
1994	1.0	1.0	283	85	85	21.5	61.2	1.2

NORTH AMERICA (NAFTA)

1984	244.9	339.0	2433	4307	5961	1422.4	336.4	5.7
1985	266.9	356.5	2467	4599	6142	1530.6	340.3	5.8

1986	290.2	377.4	2495	4838	6292	1544.3	344.3	6.0
1987	298.1	375.7	2506	5147	6488	1539.2	348.4	5.8
1988	303.1	367.8	2488	5557	6744	1551.3	352.6	5.5
1989	314.5	365.2	2483	5963	6925	1575.3	357.0	5.3
1990	316.9	352.7	2443	6306	7018	1641.6	361.7	5.0
1991	290.7	311.6	2376	6513	6981	1721.1	366.5	4.5
1992	316.1	329.7	2176	6830	7122	1694.6	371.5	4.6
1993	308.8	315.2	2066	7182	7330	1704.4	376.3	4.3
1994	299.9	299.9	1965	7613	7613	1719.1	381.0	3.9

SOUTH AMERICA

1984	14.3	19.7	1148	596	825	216.5	263.0	2.4
1985	13.1	17.5	1138	636	849	287.5	268.2	2.1
1986	15.2	19.8	1155	709	922	286.1	273.6	2.1
1987	14.4	18.2	1194	762	961	340.4	279.0	1.9
1988	15.0	18.2	897	790	959	264.1	284.4	1.9
1989	15.6	18.1	912	823	956	268.3	289.8	1.9
1990	16.3	18.1	917	854	950	246.0	294.9	1.9
1991	15.4	16.5	896	923	989	201.6	299.9	1.7
1992	15.5	16.1	913	976	1018	222.3	304.8	1.6
1993	16.0	16.4	913	1047	1069	222.3	309.6	1.5
1994	16.1	16.1	829	1124	1124	232.9	314.4	1.4

OCEANIA

1984	5.2	7.1	90	204	282	86.0	22.8	2.5
1985	5.6	7.5	90	218	291	89.5	23.1	2.6
1986	5.7	7.4	89	230	299	91.5	23.5	2.5
1987	6.2	7.9	89	247	312	91.9	23.8	2.5
1988	6.0	7.2	91	265	322	87.4	24.2	2.3
1989	6.2	7.2	89	282	327	89.7	24.6	2.2
1990	6.7	7.5	88	293	326	90.1	24.9	2.3
1991	7.3	7.9	88	306	328	94.6	25.3	2.4
1992	7.8	8.1	88	328	342	99.9	25.7	2.4
1993	8.7	8.9	88	350	357	103.4	26.1	2.5
1994	9.0	9.0	77	376	376	107.8	26.4	2.4

OECD

1984	417.9	578.4	6582	11180	15470	4528.7	877.9	3.7
1985	449.4	600.1	6580	11970	15990	4696.5	884.7	3.8
1986	478.8	622.6	6670	12620	16410	4767.3	891.8	3.8
1987	497.0	626.4	6705	13450	16950	4813.4	898.9	3.7
1988	507.4	615.8	6638	14580	17700	4870.5	906.3	3.5
1989	530.6	616.1	6526	15760	18300	5004.8	914.7	3.4
1990	545.1	606.7	6455	16870	18770	5182.3	923.5	3.2
1991	532.0	570.3	6270	18090	19390	5790.7	948.5	2.9
1992	555.8	579.6	5829	18880	19680	5906.4	957.0	2.9
1993	548.5	559.8	5547	19470	19870	6078.3	965.3	2.8
1994	540.9	540.9	5557	20400	20400	6239.1	973.3	2.7

OPEC

1984	57.0	78.9	2024	452	626	248.6	360.5	12.6
1985	54.0	72.1	2031	456	609	252.7	370.2	11.8
1986	54.0	70.2	2064	433	563	213.0	379.5	12.5
1987	51.3	64.7	2166	451	569	180.9	389.3	11.4
1988	50.3	61.0	2486	470	571	184.2	399.4	10.7
1989	45.9	53.4	2445	513	595	177.0	409.6	9.0
1990	67.9	75.6	2733	568	632	176.2	419.9	12.0
1991	79.4	85.2	1885	605	649	183.3	427.9	13.1
1992	69.6	72.6	1847	656	684	193.8	438.8	10.6
1993	39.9	40.7	1835	675	689	199.0	448.9	5.9
1994	34.5	34.5	1849	682	682	205.9	459.2	5.1

NATO

1984	377.5	522.5	5941	7890	10920	3541.5	633.1	4.8
1985	405.7	541.7	5930	8407	11230	3681.3	637.4	4.8

1986	432.6	562.6	6024	8879	11550	3730.1	641.8	4.9
1987	447.8	564.4	6030	9433	11890	3749.2	646.2	4.7
1988	455.8	553.1	5959	10190	12360	3797.6	651.1	4.5
1989	475.2	551.8	5863	10970	12730	3891.5	656.8	4.3
1990	485.5	540.3	5777	11660	12980	4060.7	663.0	4.2
1991	468.5	502.2	5592	12500	13400	4363.6	685.2	3.7
1992	489.9	510.9	5159	13050	13610	4461.5	691.0	3.8
1993	480.0	489.9	4883	13520	13800	4525.0	696.7	3.6
1994	469.3	469.3	4874	14250	14250	4631.4	702.1	3.3

FORMER_WPACT

1984	310.9	430.3	5323	2571	3559	995.9	387.5	12.1
1985	327.1	436.8	5334	2680	3580	1028.5	390.5	12.2
1986	339.9	442.0	5343	2840	3693	1096.6	393.5	12.0
1987	357.4	450.5	5351	2956	3726	1125.7	396.4	12.1
1988	373.5	453.3	5280	3170	3848	1131.2	398.9	11.8
1989	357.7	415.4	4952	3330	3867	1081.9	401.4	10.7
1990	324.2	360.8	4397	3295	3667	987.1	403.5	9.8
1991	276.6	296.5	3854	2990	3205	797.5	389.4	9.3
1992	160.3	167.1	3590	1860	1940	970.6	389.3	8.6
1993	125.8	128.3	3764	1757	1793	904.6	391.1	7.2
1994	111.6	111.6	2912	1698	1698	523.2	392.8	6.6

NATO EUROPE

1984	134.0	185.4	3637	3791	5247	2190.4	371.8	3.5
1985	140.2	187.3	3603	4030	5382	2228.4	373.7	3.5
1986	144.0	187.2	3670	4259	5538	2273.8	375.7	3.4
1987	151.5	190.9	3665	4520	5697	2306.3	377.8	3.4
1988	154.2	187.1	3625	4878	5921	2329.3	380.1	3.2
1989	162.3	188.5	3534	5271	6121	2390.2	383.2	3.1
1990	169.9	189.1	3509	5647	6285	2485.9	386.4	3.0
1991	179.2	192.1	3391	6305	6758	2702.3	405.6	2.8
1992	175.4	182.9	3158	6557	6838	2824.1	408.2	2.7
1993	172.8	176.4	2992	6680	6818	2881.1	410.8	2.6
1994	171.7	171.7	3084	7000	7000	2978.6	413.3	2.5

LATIN AMERICA

1984	18.0	24.9	1799	866	1198	319.3	388.2	2.1
1985	16.9	22.6	1815	924	1234	394.0	396.1	1.8
1986	19.1	24.8	1834	998	1298	405.1	404.2	1.9
1987	18.5	23.3	1879	1072	1351	463.8	412.3	1.7
1988	18.7	22.7	1582	1115	1353	374.3	420.5	1.7
1989	19.4	22.6	1593	1173	1362	369.5	428.7	1.7
1990	20.0	22.2	1586	1230	1369	339.6	436.8	1.6
1991	18.6	19.9	1562	1320	1414	284.3	444.6	1.4
1992	18.3	19.0	1444	1392	1451	301.2	452.4	1.3
1993	18.7	19.1	1444	1473	1503	304.0	460.1	1.3
1994	19.3	19.3	1287	1573	1573	320.6	467.8	1.2

CIS

1992	147.9	154.2	2799	1375	1434	826.9	284.7	10.8
1993	114.3	116.7	3135	1253	1278	735.5	286.3	9.1
1994	99.3	99.3	2158	1172	1172	NA	287.8	8.5

BY COUNTRY

	[MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M
Afghanistan									
1984	238 E	329 E	46	2624 E	3632 E	511 E	13.8	9.1	
1985	NA	NA	47	2503 E	3342 E	NA	13.9	NA	
1986	NA	NA	47	2382 E	3098 E	NA	14.0	NA	
1987	NA	NA	50	NA	NA	NA	14.4	NA	

1988	NA	NA	55	NA	NA	NA	14.8	NA
1989	NA	NA	55	2600 E	3019 E	NA	15.3	NA
1990	400 E	445 E	58	NA	NA	NA	15.6	NA
1991	NA	NA	45	NA	NA	NA	15.9	NA
1992	NA	NA	45	NA	NA	NA	16.6	NA
1993	NA	NA	45	NA	NA	NA	17.9	NA
1994	NA	NA	45	NA	NA	NA	19.3	NA

Albania

1984	143	198	NA	NA	NA	1799	2.9	NA
1985	143	191	NA	2700	3606	1749	3.0	5.3
1986	NA	NA	NA	2800	3641	NA	3.0	NA
1987	151 E	190 E	NA	2940 E	3705 E	1714 E	3.1	5.1
1988	157 E	191 E	NA	3087 E	3747 E	1672 E	3.1	5.1
1989	157 E	182 E	NA	3800 E	4413 E	NA	3.2	4.1
1990	NA	NA	NA	4100 E	4563 E	NA	3.2	NA
1991	NA	NA	NA	2700 E	2894 E	1501 E	3.3	NA
1992	NA	NA	65 E	2500 E	2607 E	NA	3.3	NA
1993	NA	NA	65 E	3300 E	3368 E	NA	3.3	NA
1994	NA	NA	75	3800 E	3800 E	1400 E	3.4	NA

Algeria

1984	944 E	1307 E	170	28530	39490	15660	21.5	3.3
1985	793 E	1059 E	170	31250	41740	16860	22.2	2.5
1986	933 E	1213 E	180	31870	41440	16200	22.8	2.9
1987	927 E	1168 E	170	33040	41640	15290	23.5	2.8
1988	1082 E	1313 E	126	33190	40280	14020	24.1	3.3
1989	1080 E	1254 E	126	36380	42250	NA	24.7	3.0
1990	767 E	853 E	126	37450	41680	11100	25.4	2.0
1991	636 E	682 E	126	37840	40560	NA	26.0	1.7
1992	754 E	786 E	139	39700	41400	13220 E	26.6	1.9
1993	1135 E	1159 E	139	40080	40910	NA	27.3	2.8
1994	1335	1335	126	40510	40510	17900 E	27.9	3.3

Angola

1984	NA	NA	60	4114 E	5693 E	NA	7.4	NA
1985	NA	NA	66	4379	5847	NA	7.6	NA
1986	955 E	1242	70	5138	6681	NA	7.8	18.6
1987	NA	NA	74	6088	7673	NA	7.9	NA
1988	NA	NA	107	6426	7799	3014 E	8.1	NA
1989	NA	NA	107	6638	7708	NA	8.2	NA
1990	NA	NA	115	NA	NA	3654 E	8.4	NA
1991	NA	NA	150	NA	NA	NA	8.7	NA
1992	NA	NA	128	NA	NA	4267 E	9.1	NA
1993	NA	NA	128	NA	NA	NA	9.5	NA
1994	NA	NA	120	NA	NA	NA	9.8	NA

Argentina

1984	7319 E	10130 E	174	151800	210100	45070	30.0	4.8
1985	5529 E	7384 E	129	145100	193800	59680	30.4	3.8
1986	6323 E	8223 E	104	162600	211500	51690	30.8	3.9
1987	4531	5711	118	171900	216700	38280	31.2	2.6
1988	4524	5490	95	175700	213200	24830	31.6	2.6
1989	4358	5061	95	164700	191300	11250	32.0	2.6
1990	3407	3792	85	179900	200200	9014	32.4	1.9
1991	2745	2942	70	206000	220900	11330	32.8	1.3
1992	4475	4666	65	232900	242900	14160	33.2	1.9
1993	4240	4328	65	254300	259500	17460	33.5	1.7
1994	4716	4716	69	278200	278200	17490	33.9	1.7

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Armenia

1992	E	E		E	E	E		
1992	NA	NA	20	8846	9225	4508	3.4	NA
1993	NA	NA	21	7760	7920	NA	3.5	NA

	71	71	45	8187	8187	NA	3.5	0.9	
Australia									
1984	4501	6230	71	170600	236100	65780	15.6	2.6	
1985	4910	6557	70	183200	244700	69620	15.8	2.7	
1986	4985	6483	71	193100	251100	71210	16.0	2.6	
1987	5484	6911	70	209100	263600	71390	16.3	2.6	
1988	5141	6239	71	225300	273500	68580	16.5	2.3	
1989	5307	6162	70	240600	279400	67540	16.8	2.2	
1990	5845	6505	68	249500	277700	70750	17.1	2.3	
1991	6687	7167	68	261700	280500	76040	17.3	2.6	
1992	7034	7335	68	279400	291400	80700	17.6	2.5	
1993	7926	8090	68	297800	304000	85050	17.8	2.7	
1994	8270	8270	59	320400	320400	88020	18.1	2.6	
Austria									
1984	1380	1909	40	110400	152800	62140	7.6	1.2	
1985	1565	2090	40	117400	156800	63140	7.6	1.3	
1986	1618	2105	39	121600	158200	65320	7.6	1.3	
1987	1589	2003	70	127500	160700	65530	7.6	1.2	
1988	1566	1901	55	137800	167300	68550	7.6	1.1	
1989	1672	1941	48	149600	173700	67820	7.6	1.1	
1990	1750	1948	43	162900	181300	72020	7.7	1.1	
1991	1771	1898	44	173600	186100	75300	7.8	1.0	
1992	1747	1822	52	182800	190600	77650	7.9	1.0	
1993	1782	1818	NA	186700	190600	80280	7.9	1.0	
1994	1863	1863	45	195700	195700	NA	8.0	1.0	
Azerbaijan									
	E	E		E	E	E			
1992	208	217	43	18380	19170	5770	7.5	1.1	
1993	540	551	63	16580	16920	NA	7.6	3.3	
1994	132	132	50	12850	12850	NA	7.7	1.0	
Bahrain									
				E	E				
1984	148	205	3	3753	5194	2010	0.4	3.9	
1985	151	201	3	3413	4557	1874	0.4	4.4	
1986	161	209	4	2886	3753	1770	0.4	5.6	
1987	160	202	4	2883	3634	1797	0.5	5.6	
1988	187	227	5	3016	3660	1127	0.5	6.2	
1989	196	227	5	3341	3880	1720	0.5	5.9	
1990	216	240	8	3448	3837	1771	0.5	6.3	
1991	237	254	8	3583	3841	1643	0.5	6.6	
1992	252	262	7	3835	3999	1711	0.5	6.6	
1993	251	256	7	4006	4088	1535	E 0.5	6.3	
1994	256	256	8	4006	4006	1522	0.6	6.4	
	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
Bangladesh									
1984	234	323	81	12380	17130	2025	98.8	1.9	
1985	231	309	91	13310	17780	2375	101.4	1.7	
1986	242	315	91	14230	18510	NA	103.8	1.7	
1987	281	355	102	15320	19300	NA	106.3	1.8	
1988	274	333	102	16360	19860	NA	108.8	1.7	
1989	279	325	103	17560	20400	3062	111.4	1.6	
1990	301	336	103	19540	21750	NA	114.0	1.5	
1991	288	309	107	20990	22500	3667	116.7	1.4	
1992	327	341	107	22430	23390	3732	119.4	1.5	
1993	410	418	107	24050	24540	4217	122.3	1.7	
1994	448	448	113	25730	25730	NA	125.1	1.7	
Barbados									
1984	11	15	1	1081	1496	497	0.3	1.0	
1985	11	15	1	1130	1509	517	0.3	1.0	
1986	8	10	1	1266	1647	548	0.3	0.6	

1987	8	10	1	1303	1643	615	0.3	0.6
1988	10	12	0	1420	1724	645	0.3	0.7
1989	10	12	0	1562	1814	624	0.3	0.6
1990	NA	NA	0	1551	1726	594 E	0.3	NA
1991	NA	NA	0	1554	1666	552 E	0.3	NA
1992	NA	NA	0	1531	1596	524 E	0.3	NA
1993	12	13	0	1569	1601	553 E	0.3	0.8
1994	13	13	0	1671	1671	546 E	0.3	0.8

Belarus	E	E		E	E	E		
1992	NA	NA	102	70010	73010	36140	10.3	NA
1993	200	204	115	65630	66980	NA	10.4	0.3
1994	173	173	90	50920	50920	NA	10.4	0.3

Belgium								
1984	4225	5847	107	132900	184000	110900	9.9	3.2
1985	4278	5713	107	138500	185000	108600	9.9	3.1
1986	4462	5802	107	144800	188200	105700	9.9	3.1
1987	4597	5794	109	152700	192500	103500	9.9	3.0
1988	4547	5518	110	166400	202000	103500	9.9	2.7
1989	4604	5346	110	180600	209700	105000	9.9	2.5
1990	4729	5263	106	193700	215500	108000	10.0	2.4
1991	4865	5215	101	206900	221800	111700	10.0	2.4
1992	4068	4242	79	216200	225500	115000	10.0	1.9
1993	3888	3969	70	219600	224100	113700	10.0	1.8
1994	3944	3944	53	229400	229400	NA	10.1	1.7

Belize								
1984	3	5	1	199	275	71	0.2	1.7
1985	3	5	1	208	278	78	0.2	1.6
1986	NA	NA	1	229	298	NA	0.2	NA
1987	NA	NA	1	262	331	NA	0.2	NA
1988	4	5	1	296	359	69	0.2	1.4
1989	4	5	1	345	401	115	0.2	1.3
1990	5	6	1	401	446	125	0.2	1.3
1991	5	5	1	433	464	142	0.2	1.1
1992	6	6	1	484	505	155	0.2	1.2
1993	7	7	1	513	524	189	0.2	1.3
1994	9	9	1	533	533	207	0.2	1.7

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Benin								
1984	19	27	6	818	1132	261	3.9	2.4
1985	NA	NA	6	908	1213	NA	4.0	NA
1986	21	27	4	954	1241	NA	4.1	2.2
1987	NA	NA	4	971	1224	250 E	4.2	NA
1988	25	30	5	1046	1269	172	4.4	2.4
1989	23	27	5	1051	1221	140	4.5	2.2
1990	23	26	6	1141	1270	NA	4.7	2.0
1991	NA	NA	7	1246	1336	254 E	4.8	NA
1992	17 E	18 E	6	1320	1376	NA	5.0	1.3
1993	22 E	22 E	6	1406	1435	258 E	5.2	1.5
1994	34	34	6	1481	1481	NA	5.3	2.3

Bhutan								
1984	NA	NA	NA	98	135	60	1.4	NA
1985	NA	NA	NA	104	139	84	1.4	NA
1986	NA	NA	NA	120	157	82	1.4	NA
1987	NA	NA	NA	160	201	NA	1.5	NA
1988	NA	NA	NA	173	210	99	1.5	NA
1989	NA	NA	NA	185	215	100	1.5	NA
1990	NA	NA	NA	204	227	83	1.6	NA
1991	NA	NA	NA	223	239	78	1.6	NA
1992	NA	NA	5	237	248	85	1.7	NA

1993	NA	NA	5	254	259	91	1.7	NA
1994	NA	NA	5	272	272	110	1.7	NA

Bolivia

1984	57	79	28	2855	3952	NA	6.0	2.0
1985	NA	NA	28	2870	3833	NA	6.2	NA
1986	98 E	127 E	30	2919	3796	563	6.4	3.3
1987	141	177	30	3151	3971	530	6.5	4.5
1988	145	176	28	3377	4099	637	6.7	4.3
1989	132	153	30	3645	4233	712	6.9	3.6
1990	142	158	30	4021	4475	843	7.0	3.5
1991	114	122	33	4386	4702	872	7.2	2.6
1992	102	106	32	4688	4888	1130	7.4	2.2
1993	121	124	32	4981	5083	1314	7.5	2.4
1994	130	130	28	5315	5315	1347	7.7	2.4

Bosnia and Herzegovina

1984	NA	NA	NA	NA	NA	NA	NA	NA
1985	NA	NA	NA	NA	NA	NA	NA	NA
1986	NA	NA	NA	NA	NA	NA	NA	NA
1987	NA	NA	NA	NA	NA	NA	NA	NA
1988	NA	NA	NA	NA	NA	NA	NA	NA
1989	NA	NA	NA	NA	NA	NA	NA	NA
1990	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	60	NA	NA	NA	4.0	NA
1993	NA	NA	NA	NA	NA	NA	3.4	NA
1994	NA	NA	70	NA	NA	NA	3.2	NA

Botswana

1984	35	48	3	1237	1712	802	1.0	2.8
1985	34	45	3	1327	1772	767	1.1	2.5
1986	49	64	4	1422	1849	857	1.1	3.4
1987	93	117	4	1678	2115	1075	1.1	5.5
1988	105	128	4	1927	2339	1239	1.2	5.5
1989	103	119	6	2332	2708	1198	1.2	4.4
1990	148	165	6	2706	3012	1526	1.2	5.5
1991	167	179	7	3134	3360	1633	1.3	5.3
1992	174	181	6	3636	3792	1756	1.3	4.8
1993	228	233	6	3583	3657	1913	1.3	6.4
1994	229	229	8	3806	3806	1629	1.4	6.0

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Brazil

1984	2623	3630	459	312300	432300	131300	134.3	0.8
1985	2877	3843	496	350900	468500	186900	136.8	0.8
1986	3683	4789	527	392400	510300	192100	139.5	0.9
1987	4359	5494	541	422600	532600	258800	142.3	1.0
1988	6228	7559	319	437500	530900	196200	145.0	1.4
1989	7236	8402	319	477200	554200	219400	147.7	1.5
1990	8157	9078	295	478200	532200	197700	150.1	1.7
1991	6712	7194	295	501100	537100	148300	152.3	1.3
1992	5482	5717	296	511800	533700	161100	154.5	1.1
1993	6466	6599	296	547200	558500	NA	156.7	1.2
1994	6427	6427	196	580200	580200	NA	158.7	1.1

Brunei

1984	198	275	NA	2997	4148	NA	0.2	6.6
1985	244	325	NA	3060	4086	1376 E	0.2	8.0
1986	417	542	4	3057	3975	NA	0.2	13.6
1987	307	387	4	3136	3953	1578 E	0.2	9.8
1988	413	501	4	3293	3996	NA	0.2	12.5
1989	356	413	4	3404	3953	1979 E	0.2	10.5
1990	305	339	4	3649	4062	1685 E	0.3	8.4

1991	NA	NA	4	3927	4209	NA	0.3	NA
1992	399	416	4	3995	4166	NA	0.3	10.0
1993	NA	NA	4	3917	3997	NA	0.3	NA
1994	309	309	4	3917	3917	NA	0.3	7.9

Bulgaria

1984	5510 E	7626 E	189	41270	57120	23610	8.9	13.4c
1985	5808 E	7756 E	189	41220	55040	23840	8.9	14.1c
1986	6215 E	8082 E	190	43410	56460	27950	9.0	14.3c
1987	6451 E	8131 E	191	44870	56550	27580	9.0	14.4c
1988	5868 E	7122 E	160	47970	58220	22950	9.0	12.2c
1989	5885 E	6834 E	150	49590	57580	23000	9.0	11.9c
1990	3887 R	4326 R	129	45290 E	50400 E	NA	9.0	8.6
1991	1464 R	1569 R	107	36900 E	39550 E	NA	8.9	4.0
1992	935 R	975 R	99	32160 E	33540 E	13010 E	8.9	2.9
1993	1010 R	1031 R	52	31550 E	32200 E	NA	8.8	3.2
1994	1001 E	1001 E	80	37300 E	37300 E	16390 E	8.8	2.7

Burkina Faso

1984	23	32	9	970	1343	183	7.7	2.4
1985	24	32	9	1096	1463	171	7.9	2.2
1986	35	46	9	1181	1535	207	8.1	3.0
1987	31	39	9	1234	1556	227	8.3	2.5
1988	35	42	8	1357	1647	274	8.5	2.6
1989	45	53	8	1462	1698	262	8.8	3.1
1990	50	56	10	1530	1703	274	9.0	3.3
1991	43	46	10	1678	1799	NA	9.3	2.5
1992	42	44	9	1734	1808	316	9.6	2.4
1993	39	40	9	1778	1814	334 E	9.9	2.2
1994	43	43	9	1824	1824	NA	10.1	2.3

Burma

1984	1107	1533	181	37300	51620	8275	36.6	3.0
1985	1218	1626	186	39730	53060	8632	37.3	3.1
1986	1201 E	1562 E	186	40340	52460	8799	38.0	3.0
1987	1206 E	1520 E	186	39780	50130	7075	38.7	3.0
1988	1083 E	1314 E	186	36730	44570	5539	39.5	2.9
1989	1376	1598	200	39500	45870	6480	40.3	3.5
1990	1527	1699	230	42680	47500	7610	41.0	3.6
1991	1972 E	2114 E	286	43710	46850	7183	41.8	4.5
1992	1941	2024	286	49080	51180	6148	42.6	4.0
1993	2675	2730	286	NA	NA	NA	43.5	NA
1994	2618 E	2618 E	370	NA	NA	NA	44.3	NA

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Burundi

1984	17	24	8	521	721	100	4.7	3.3
1985	18	24	9	601	802	114	4.8	3.0
1986	22	28	10	637	828	121	5.0	3.4
1987	23	29	10	688	868	137	5.1	3.3
1988	23	28	11	754	915	147	5.3	3.1
1989	21	24	11	803	932	166	5.4	2.6
1990	21	24	12	869	967	174	5.6	2.4
1991	23	25	12	947	1015	176	5.7	2.4
1992	27 E	28 E	7	1000	1043	204	5.8	2.7
1993	27 E	28 E	7	965	985	201	6.0	2.8
1994	32 E	32 E	17	871	871	166	6.1	3.7

Cambodia

1984	NA	NA	30	NA	NA	NA	7.3	NA
1985	NA	NA	35	NA	NA	NA	7.4	NA
1986	NA	NA	60	NA	NA	NA	7.6	NA
1987	NA	NA	60	703 E	886 E	NA	7.9	NA
1988	NA	NA	60	1434 E	1740 E	NA	8.2	NA

1989	NA	NA	99	1551 E	1801 E	NA	8.4	NA
1990	NA	NA	112	1637 E	1822 E	NA	8.7	NA
1991	64 E	69 E	112	1829 E	1960 E	NA	9.0	3.5
1992	98 E	102 E	135	2012 E	2098 E	NA	9.4	4.9
1993	73 E	75 E	102	2140 E	2184 E	NA	9.9	3.4
1994	61 E	61 E	70	2271 E	2271 E	365 E	10.3	2.7

Cameroon

1984	95	132	15	4964	6871	1660	9.8	1.9
1985	108	144	15	5540	7398	1725	10.1	1.9
1986	133 E	173 E	15	6226	8096	1915	10.5	2.1
1987	126	159	15	6346	7999	1896	10.8	2.0
1988	99	121	21	5981	7258	NA	11.1	1.7
1989	90	105	21	6327	7347	1577	11.4	1.4
1990	100	111	23	6106	6796	1524	11.7	1.6
1991	91	98	24	5927	6353	1458	12.0	1.5
1992	97	101	12	5973	6229	1175	12.4	1.6
1993	103	105	12	5527	5641	1033	12.8	1.9
1994	102	102	12	5319	5319	NA	13.1	1.9

Canada

1984	6485	8975	82	297700	412000	109900	25.0	2.2
1985	7261	9697	83	323300	431700	112400	25.2	2.2
1986	7737	10060	85	342100	444800	109400	25.4	2.3
1987	8139	10260	86	368500	464400	110000	25.6	2.2
1988	8500	10320	88	401100	486800	111100	25.9	2.1
1989	8824	10250	88	428100	497200	118900	26.3	2.1
1990	9368	10430	87	444200	494400	123600	26.6	2.1
1991	9027	9676	86	454200	486800	126000	27.0	2.0
1992	9350	9750	82	468600	488600	129500	27.4	2.0
1993	9576	9773	76	490300	500400	121200 E	27.8	2.0
1994	9525	9525	75	523000	523000	120600 E	28.1	1.8

Cape Verde

1984	NA	NA	6	148	205	NA	0.3	NA
1985	NA	NA	6	167	223	NA	0.3	NA
1986	NA	NA	4	179	233	NA	0.3	NA
1987	NA	NA	4	197	248	NA	0.3	NA
1988	NA	NA	3	220	267	175 E	0.4	NA
1989	NA	NA	3	242	282	NA	0.4	NA
1990	NA	NA	1	232	258	NA	0.4	NA
1991	3	3	1	251	269	124 E	0.4	1.3
1992	3	3	1	295	308	NA	0.4	1.1
1993	3	3	1	309	315	NA	0.4	1.0
1994	3	3	1	330	330	NA	0.4	1.0

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Cen. Afr. Rep.

1984	NA	NA	5	660	914	224	2.5	NA
1985	NA	NA	5	709	947	266	2.6	NA
1986	NA	NA	5	748	973	254	2.6	NA
1987	13 E	17 E	5	729	918	259	2.7	1.8
1988	NA	NA	5	777	943	246	2.7	NA
1989	13	15	5	835	970	234 E	2.8	1.6
1990	14	16	4	879	978	NA	2.9	1.6
1991	NA	NA	4	896	960	239 E	2.9	NA
1992	19 E	20 E	7	899	938	NA	3.0	2.1
1993	22 E	23 E	7	886	904	NA	3.1	2.5
1994	30 E	30 E	5	950	950	NA	3.1	3.2

Chad

1984	7	10	16	432	597	185 E	4.4	1.7
1985	11	15	16	549	733	242 E	4.4	2.0
1986	16	20	22	538	700	152	4.5	2.9

1987	22	28	30	542	683	217	4.7	4.1
1988	31	38	33	649	788	277	4.8	4.8
1989	43	50	33	712	827	300	4.9	6.0
1990	NA	NA	50	743	827	269	5.0	NA
1991	45	48	50	838	898	288	5.1	5.3
1992	23	24	30	863	900	252 E	5.2	2.7
1993	25	26	30	845	863	NA	5.4	3.0
1994	24	24	30	897	897	NA	5.5	2.7

Chile		d	d					
1984	728	1008	123	17190	23790	8496	11.9	4.2
1985	751	1004	124	18720	25000	8771	12.1	4.0
1986	707	919	127	20700	26910	8417	12.3	3.4
1987	954 E	1203 E	127	23330	29410	8389	12.5	4.1
1988	946 E	1149 E	96	25970	31520	9064	12.7	3.6
1989	913 E	1061 E	95	30290	35180	7415	12.9	3.0
1990	1072 E	1193 E	95	32970	36690	7758	13.1	3.3
1991	1136 E	1218 E	90	36590	39220	8688	13.3	3.1
1992	1043	1088	92	41870	43660	9297	13.5	2.5
1993	1042	1063	92	45840	46790	10040	13.7	2.3
1994	966	966	102	50350	50350	10680	14.0	1.9

China								
--Mainland		R	R	E	E			
1984	38450	53220	4100	664300	919400	204200	1040.4	5.8
1985	39860	53230	4100	776600	1037000	223600 E	1054.2	5.1
1986	40000	52010	4030	861900	1121000	269400 E	1069.2	4.6
1987	41620	52460	3530	986100	1243000	269300 E	1086.9	4.2
1988	43760	53110	3783	1140000	1384000	266200	1104.5	3.8
1989	45100	52370	3903	1244000	1444000	274500	1120.7	3.6
1990	47270	52610	3500	1351000	1504000	279400	1136.6	3.5
1991	46150	49470	3200	1518000	1628000	285900 E	1151.4	3.0
1992	49100	51210	3160	1770000	1846000	303800 E	1164.8	2.8
1993	51620	52680	3031	2047000	2089000	323900 E	1177.6	2.5
1994	52840	52840	2930	2214000	2214000	294000	1190.4	2.4

China - Taiwan								
1984	5304	7341	484	83030	114900	15680	19.1	6.4
1985	6393	8537	444	90830	121300	17070	19.3	7.0
1986	6813	8860	424	105000	136600	17720	19.6	6.5
1987	5517	6953	424	121200	152800	16740	19.8	4.6
1988	6663	8087	406	135700	164700	25800	20.0	4.9
1989	8165	9482	406	152300	176800	31240	20.2	5.4
1990	9000	10020	370	166900	185700	NA	20.4	5.4
1991	9672	10370	370	185800	199100	32010	20.7	5.2
1992	10390	10840	360	202500	211100	37260	20.9	5.1
1993	11980	12230	442	219400	223900	37760	21.1	5.5
1994	11540	11540	425	238100	238100	NA	21.3	4.8

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Colombia								
1984	420	581	70	29190	40400	6499	29.0	1.4
1985	491 E	656 E	66	30990	41380	6526	29.7	1.6
1986	495 E	644 E	76	33520	43590	6334	30.3	1.5
1987	560 E	706 E	86	36270	45710	6640	31.0	1.5
1988	695	843	76	39670	48140	7146	31.7	1.8
1989	861 E	1000 E	91	42430	49270	7699	32.3	2.0
1990	1081 E	1203 E	110	46030	51230	6002 E	33.0	2.3
1991	1294 E	1387 E	110	49170	52710	6371	33.6	2.6
1992	1214 E	1265 E	139	53130	55400	9072	34.3	2.3
1993	1484 E	1515 E	139	56370	57530	9590	34.9	2.6
1994	1190	1190	146	62380	62380	NA	35.6	1.9

Congo

1984	NA	NA	15	994	1376	652	1.9	NA
1985	41 E	55 E	15	1016	1357	596	1.9	4.0
1986	54 E	71 E	13	974	1267	630	2.0	5.6
1987	53	67	14	1020	1286	530	2.0	5.2
1988	NA	NA	15	1061	1288	562	2.1	NA
1989	NA	NA	15	1137	1320	479	2.2	NA
1990	52	58	9	1204	1340	523	2.2	4.3
1991	86	92	9	1314	1408	NA	2.3	6.5
1992	80	83	10	1421	1481	NA	2.3	5.6
1993	71 E	72 E	10	1376	1404	NA	2.4	5.1
1994	28 E	28 E	10	1162	1162	NA	2.4	2.4

Costa Rica

1984	27	37	8	3535	4892	1232	2.6	0.8
1985	24	32	8	3715	4962	1174	2.6	0.7
1986	25	32	8	4020	5227	1481	2.7	0.6
1987	28	35	8	4367	5503	1622	2.8	0.6
1988	25	30	8	4662	5658	1603	2.9	0.5
1989	25	30	8	5139	5968	1792	3.0	0.5
1990	23	26	8	5749	6399	1764	3.0	0.4
1991	22	24	8	6226	6674	1755	3.1	0.4
1992	24	25	8	6887	7182	1796	3.2	0.3
1993	28	29	8	7489	7643	2066	3.3	0.4
1994	NA	NA	8	7987	7987	2552	3.3	NA

Croatia

1992	NA	NA	103 E	18000	18770	NA	4.5	NA
1993	NA	NA	NA	10700	10920	NA	4.6	NA
1994	NA	NA	80	12400	12400	NA	4.7	NA

Cuba

1984	1386	1918	297	26990	37350	NA	10.0	5.1
1985	1335	1783	297	29520	39420	NA	10.1	4.5
1986	1307	1700	297	31420	40860	NA	10.2	4.2
1987	1306	1646	297	33700	42470	NA	10.2	3.9
1988	1350	1638	297	34720	42140	NA	10.3	3.9
1989	1377	1599	297	35460	41180	NA	10.4	3.9
1990	1400	1558	297	33690	37490	NA	10.5	4.2
1991	1160 E	1243 E	297	26950	28890	NA	10.6	4.3
1992	500 E	521 E	175	23850	24870	NA	10.7	2.1
1993	426 E	435 E	175	21460	21910	NA	10.8	2.0
1994	350 E	350 E	140	22000	22000	NA	10.9	1.6

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Cyprus

1984	77	107	10	2948	4079	1271	0.7	2.6
1985	82	109	13	3208	4285	1312	0.7	2.5
1986	115 E	149 E	13	3411	4436	1342	0.7	3.4
1987	123	155	13	3765	4745	1429	0.7	3.3
1988	124	150	13	4248	5155	1548	0.7	2.9
1989	163	189	14	4818	5595	1636	0.7	3.4
1990	202	224	10	5398	6008	1804	0.7	3.7
1991	400	429	10	5649	6055	1903	0.7	7.1
1992	NA	NA	10	6393	6667	2127	0.7	NA
1993	240	245	NA	6641	6778	2243	0.7	3.6
1994	338	338	NA	NA	NA	NA	0.7	NA

Czech Republic

1993	2040 R	2082 R	107	79490	81120	30700	10.4	2.6
1994	2165	2165	90	81430	81430	29190	10.4	2.7

Czechoslovakia

1984	7536 E	10430 E	206	94330	130600	39510	15.5	8.0c
1985	7998 E	10680 E	210	97790	130600	40350	15.5	8.2c

1986	8460 E	11000 E	214	102400	133100	40460	15.5	8.3c
1987	8840 E	11140 E	215	106600	134300	41590	15.6	8.3c
1988	9131 E	11080 E	211	117100	142100	44600	15.6	7.8c
1989	8361 E	9709 E	175	123200	143100	28610	15.6	6.8c
1990	4432 R	4932 R	198	124200 E	138300 E	24460	15.7	3.6
1991	2804 R	3006 R	154	108500 E	116300 E	17350 E	15.7	2.6
1992	NA	NA	154 E	107100 E	111700 E	NA	15.7	NA

Denmark

1984	2015	2788	31	83620	115700	52570	5.1	2.4
1985	2047	2734	29	90350	120700	52300	5.1	2.3
1986	2008	2612	28	96250	125200	50060	5.1	2.1
1987	2167	2731	28	99470	125400	50020	5.1	2.2
1988	2322	2818	30	104700	127100	52570	5.1	2.2
1989	2380	2763	31	109800	127500	53430	5.1	2.2
1990	2484	2765	31	115900	129000	54620	5.1	2.1
1991	2631	2820	30	122200	131000	56380	5.2	2.2
1992	2658	2772	28	127100	132600	58220	5.2	2.1
1993	2728	2784	27	132500	135200	62050	5.2	2.1
1994	2719	2719	28	141200	141200	64940	5.2	1.9

Djibouti

1984	NA	NA	3	402	556	203	0.3	NA
1985	NA	NA	5	414	552	201	0.3	NA
1986	31	40	4	396	515	189	0.3	7.9
1987	35 E	45 E	4	408	515	NA	0.3	8.7
1988	31 E	38 E	4	357	433	132	0.3	8.7
1989	22	26	4	385	447	NA	0.4	5.8
1990	27 E	29 E	4	373	415	147 E	0.4	7.1
1991	42 E	45 E	3	460	493	233 E	0.4	9.1
1992	40 E	42 E	8	483	504	NA	0.4	8.3
1993	28 E	29 E	8	468	478	206 E	0.4	6.0
1994	25 E	25 E	8	NA	NA	NA	0.4	NA

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Dominican Rep.

1984	62	86	22	5129	7098	1033	6.3	1.2
1985	63	84	22	5173	6908	1060	6.5	1.2
1986	74	97	21	5626	7316	1156	6.6	1.3
1987	86	108	21	6184	7794	1366	6.8	1.4
1988	67	81	20	6357	7716	1572	6.9	1.0
1989	67	78	21	7703	8945	1369	7.1	0.9
1990	74	82	21	7669	8535	970	7.2	1.0
1991	57	61	21	8045	8623	964	7.4	0.7
1992	79	83	22	9089	9478	1314	7.5	0.9
1993	112	114	22	9648	9847	1763	7.7	1.2
1994	115	115	22	10270	10270	1686 E	7.8	1.1

Ecuador

1984	E,b	E,b	39	8139	11270	1624	8.5	2.6
1985	212	293	43	8930	11920	1943	8.7	2.8
1986	246	329	44	9445	12280	2105	8.9	2.9
1987	271	352	44	9273	11690	1941	9.1	2.7
1988	250	315	46	10680	12960	1920	9.4	2.7
1989	290	352	46	11110	12900	1989	9.6	2.5
1990	280	325	46	11110	12900	1989	9.6	2.5
1991	380	423	53	11880	13220	2107	9.8	3.2
1992	460	493	53	13200	14150	2001	10.0	3.5
1993	500	521	57	14220	14830	2052	10.2	3.5
1994	450	459	57	14970	15280	2185	10.5	3.0
1994	550	550	57	15810	15810	2519	10.7	3.5

Egypt

1984	2980 E,b	4124 E,b	466	21750	30100	17670	48.1	13.7
1985	2973 E,b	3970 E,b	466	23240	31030	17940	49.5	12.8

1986	2833	E,b	3684	E,b	400	24230	31510	18880	51.0	11.7
1987	2923	E,b	3684	E,b	450	26090	32880	16500	52.3	11.2
1988	2446	E,b	2969	E,b	452	31170	37820	17550	53.5	7.8
1989	1557		1808		450	33340	38720	16580	54.7	4.7
1990	1403		1561		434	34990	38940	15450	56.1	4.0
1991	1526		1636		434	37660	40370	16330	57.5	4.1
1992	1634	E	1704	E	424	39140	40820	20120	58.7	4.2
1993	1728	E	1764	E	424	40260	41090	18900	59.9	4.3
1994	1742		1742		430	42120	42120	19480	E 61.1	4.1

El Salvador

1984	278	E	385	E	45	4568	6322	1241	4.7	6.1
1985	257	E	343	E	48	4867	6499	1179	4.8	5.3
1986	250		325		48	4982	6478	923	4.9	5.0
1987	245	E	308	E	49	5296	6675	870	5.0	4.6
1988	222	E	270	E	45	5611	6810	773	5.1	4.0
1989	237	E	275	E	45	5945	6904	737	5.2	4.0
1990	211	E	235	E	55	6434	7160	759	5.3	3.3
1991	201	E	216	E	60	6915	7412	907	5.4	2.9
1992	135		141		49	7542	7864	872	5.5	1.8
1993	108		111		49	8121	8288	1068	5.6	1.3
1994	106		106		30	8815	8815	1158	5.8	1.2

Equat. Guinea

1984	NA		NA		3	NA	NA	NA	0.3	NA
1985	NA		NA		3	53	71	NA	0.3	NA
1986	NA		NA		2	64	83	NA	0.3	NA
1987	NA		NA		2	67	85	NA	0.3	NA
1988	NA		NA		1	72	87	21	0.4	NA
1989	NA		NA		1	77	89	22	0.4	NA
1990	NA		NA		1	83	93	21	0.4	NA
1991	NA		NA		1	85	91	22	E 0.4	NA
1992	NA		NA		1	97	101	24	E 0.4	NA
1993	NA		NA		1	107	110	NA	0.4	NA
1994	2		2		1	112	112	NA	0.4	2.2

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Estonia

1992	E 48	E 50	3	E 10900	E 11360	E 3694	1.6	0.4
1993	77	79	5	10610	10820	3182	1.6	0.7
1994	96	96	10	10400	10400	3286	1.6	0.9

Ethiopia

1984	241		334		190	3030	4193	1039	40.1	8.0
1985	190		254		240	2834	3785	880	40.7	6.7
1986	205		267		300	3188	4146	1031	41.6	6.4
1987	245		309		300	3736	4709	1106	43.0	6.6
1988	330		401		250	3876	4705	1264	44.6	8.5
1989	406		472		250	4052	4705	1437	46.4	10.0
1990	485		540		250	4382	4877	1354	48.3	11.1
1991	382		409		120	4245	4551	1034	49.8	9.0
1992	NA		NA		120	4220	4401	785	51.1	NA
1993	142	E	145	E	120	4824	4923	975	52.6	2.9
1994	128		128		120	4947	4947	1402	54.3	2.6

Fiji

1984	14		20		3	1038	1437	428	0.7	1.4
1985	13		18		4	1030	1375	408	0.7	1.3
1986	13		17		3	1142	1485	430	0.7	1.2
1987	24		30		3	1098	1384	397	0.7	2.2
1988	26		32		4	1147	1392	365	0.7	2.3
1989	33		38		4	1354	1572	452	0.7	2.4
1990	34		38		5	1502	1671	491	0.7	2.3
1991	35		37		5	1576	1689	436	0.7	2.2

1992	32	34	5	1662	1733	444	0.7	1.9	
1993	27	28	5	1727	1763	534	0.8	1.6	
1994	34	34	4	1819	1819	608	0.8	1.9	
Finland									
1984	1080	1494	40	61790	85520	26490	4.9	1.7	
1985	1140	1522	40 E	66410	88690	28160	4.9	1.7	
1986	1279	1664	37	69730	90670	29490	4.9	1.8	
1987	1259	1587	37	74890	94390	30840	4.9	1.7	
1988	1354	1644	40	81700	99150	31540	4.9	1.7	
1989	1450	1683	39	89900	104400	32190	5.0	1.6	
1990	1521	1692	31	93410	104000	33820	5.0	1.6	
1991	1873	2008	32	89520	95960	38930	5.0	2.1	
1992	1943	2026	33	88040	91810	46680	5.0	2.2	
1993	1878	1917	31	87920	89730	45210	5.1	2.1	
1994	1966	1966	35	93230	93230	NA	5.1	2.1	
	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
France									
1984	31770	43980	571	780400	1080000	490900	54.9	4.1	
1985	32890	43920	563	823400	1100000	499400	55.2	4.0	
1986	33850	44020	558	867800	1128000	506700	55.4	3.9	
1987	36030	45420	559	915700	1154000	501600	55.6	3.9	
1988	37260	45220	558	991600	1203000	521600	55.9	3.8	
1989	39420	45780	554	1076000	1249000	530600	56.4	3.7	
1990	41020	45650	550	1146000	1275000	543600	56.7	3.6	
1991	42840	45920	542	1196000	1282000	571600	57.0	3.6	
1992	42700	44520	522	1240000	1293000	588000	57.3	3.4	
1993	43060	43940	506	1256000	1282000	604900	57.6	3.4	
1994	44390	44390	506	1316000	1316000	617600	57.8	3.4	
Gabon									
1984	62	85	7	3062	4238	1754	1.0	2.0	
1985	86	115	7	3088	4123	1737	1.0	2.8	
1986	141 E	184 E	9	3133	4075	2402 E	1.0	4.5	
1987	122	154	9	2645	3333	NA	1.0	4.6	
1988	149 E	181 E	8	3174	3852	1183	1.1	4.7	
1989	125 E	145 E	10	3481	4042	1149	1.1	3.6	
1990	122 E	136 E	9	3621	4030	998	1.1	3.4	
1991	NA	NA	10	4072	4365	1499	1.1	NA	
1992	122 E	127 E	7	3895	4062	1254 E	1.1	3.1	
1993	132 E	135 E	7	4106	4191	1403 E	1.1	3.2	
1994	93 E	93 E	6	3239	3239	0	1.1	2.9	
Gambia, The									
1984	NA	NA	1	187	258	NA	0.7	NA	
1985	NA	NA	1	199	266	NA	0.7	NA	
1986	NA	NA	1	203	264	NA	0.8	NA	
1987	NA	NA	1	222	280	NA	0.8	NA	
1988	3 E	3 E	1	247	300	NA	0.8	1.1	
1989	NA	NA	2	272	316	72	0.8	NA	
1990	3 E	3 E	2	298	332	69	0.8	0.9	
1991	NA	NA	2	338	362	84	0.9	NA	
1992	11 E	12 E	1	338	353	60 E	0.9	3.4	
1993	13 E	13 E	1	363	370	75 E	0.9	3.5	
1994	14 E	14 E	1	369	369	NA	1.0	3.7	
Georgia									
	E	E		E	E	E			
1992	85	89	NA	10160	10600	3709	5.6	0.8	
1993	94	96	35	7693	7852	NA	5.6	1.2	
1994	NA	NA	7	6426	6426	NA	5.7	NA	
Germany, East									
1984	10280 E	14230 E	240	120000	166100	90740	16.7	8.6	

	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
1985	10810 E	14440 E	242	127400	170100	97690	16.7	8.5	
1986	11400 E	14820 E	242	132600	172500	97580	16.6	8.6	
1987	12110 E	15270 E	241	139100	175300	101500	16.6	8.7	
1988	12770 E	15500 E	242	151300	183600	106700	16.7	8.4	
1989	13970 E	16220 E	262	159400	185100	108900	16.5	8.8	
1990e	NA	NA	137	134200 R	149400 R	NA	16.2	NA	
	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
Germany, West									
1984	30330	41970	487	933600	1292000	408300	61.2	3.2	
1985	31630	42240	495	989500	1321000	412000	61.0	3.2	
1986	32100	41750	495	1034000	1344000	409100	61.1	3.1	
1987	33160	41790	495	1082000	1364000	417600	61.1	3.1	
1988	34070	41350	495	1165000	1414000	430200	61.4	2.9	
1989	35570	41300	503	1266000	1470000	432600	62.1	2.8	
1990	38830	43220	545	1385000	1542000	458800	63.1	2.8	
1991e	42180	45210	457	1854000	1987000	601700	80.0	2.3	
1992	41090	42850	442	1939000	2022000	677500	80.4	2.1	
1993	37360	38130	398	1947000	1987000	676800	80.8	1.9	
1994	36310	36310	362	2045000	2045000	768900 E	81.1	1.8	
Ghana									
1984	15	20	15	2441	3379	348	12.5	0.6	
1985	27	36	15	2642	3528	501	12.9	1.0	
1986	26	34	9	2832	3682	541	13.5	0.9	
1987	28	35	11	3052	3847	568	13.9	0.9	
1988	15	18	16	3359	4076	596	14.3	0.4	
1989	16	19	16	3701	4297	633	14.7	0.4	
1990	18	20	9	4008	4461	590	15.2	0.5	
1991	26	28	9	4384	4699	653	15.7	0.6	
1992	37	38	7	4693	4894	844	16.2	0.8	
1993	51	52	7	5030	5134	1086	16.7	1.0	
1994	41	41	7	5319	5319	NA	17.2	0.8	
Greece									
1984	3383	4682	197	47370	65560	32820	9.9	7.1	
1985	3529	4713	201	50250	67100	34060	9.9	7.0	
1986	3242	4216	202	52180	67850	33780	10.0	6.2	
1987	3396	4281	199	53650	67620	35960	10.0	6.3	
1988	3663	4446	199	58340	70800	37470	10.0	6.3	
1989	3628	4213	201	62990	73150	44560	10.0	5.8	
1990	3817	4248	201	65450	72840	48300	10.1	5.8	
1991	3793	4065	205	70180	75220	34150	10.2	5.4	
1992	4113	4289	208	72760	75870	34190	10.4	5.7	
1993	4176	4263	213	75450	77000	35240	10.5	5.5	
1994	4339	4339	206	78160	78160	37600 E	10.6	5.6	
Guatemala									
1984	132 E	182 E	40	6793	9402	1041	8.1	1.9	
1985	115	154	43	7027	9384	909	8.4	1.6	
1986	89	116	43	7137	9281	938	8.6	1.2	
1987	138	174	43	7674	9672	1113	8.8	1.8	
1988	139	169	43	8301	10070	1259	9.1	1.7	
1989	143	166	43	9028	10480	1282	9.4	1.6	
1990	145	162	43	9672	10760	1109	9.6	1.5	
1991	150	160	43	10500	11250	1035	9.9	1.4	
1992	168	175	44	11360	11840	1248	10.2	1.5	
1993	166	169	44	12030	12280	1212	10.4	1.4	
1994	175	175	34	12880	12880	1156	10.7	1.4	
Guinea									
1984	29 E	40 E	28	919 E	1271 E	NA	4.8	3.1	
1985	NA	NA	28	1000 E	1335 E	NA	5.1	NA	
1986	NA	NA	24	1797	2337	523	5.2	NA	

	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
1987	NA	NA	24	1930	2432	574	5.4	NA	
1988	26	31	15	2111	2563	612	5.5	1.2	
1989	NA	NA	15	2272	2639	652	5.6	NA	
1990	31	34	15	2462	2740	681	5.9	1.2	
1991	33	36	15	2656	2847	654	6.2	1.3	
1992	44	46	15	2844	2965	649	6.2	1.5	
1993	NA	NA	15	3075	3139	NA	6.2	NA	
1994	50	50	12	3277	3277	NA	6.4	1.5	
Guinea-Bissau									
1984	5	7	11	120	167	97	0.9	4.0	
1985	4	5	11	131	175	107	0.9	2.9	
1986	3	4	11	132	171	67	0.9	2.6	
1987	3	4	11	143	180	102	0.9	2.3	
1988	NA	NA	10	156	190	101	1.0	NA	
1989	4	4	10	170	197	113	1.0	2.3	
1990	NA	NA	12	197	220	108	1.0	NA	
1991	NA	NA	12	199	213	94	1.0	NA	
1992	7 E	7 E	11	213	222	90	1.0	3.1	
1993	8 E	8 E	11	220	224	NA	1.1	3.6	
1994	8	8	7	240	240	0	1.1	3.4	
Guyana									
1984	15	21	7	266	368	387	0.8	5.7	
1985	25	33	7	288	384	444	0.8	8.7	
1986	NA	NA	6	285	370	486	0.8	NA	
1987	NA	NA	5	266	335	354	0.8	NA	
1988	12	15	4	277	336	326	0.8	4.3	
1989	6	7	4	241	279	199	0.8	2.4	
1990	4	5	4	250	279	280	0.7	1.7	
1991	3	4	4	243	261	248	0.7	1.4	
1992	6	6	2	310	323	209	0.7	1.8	
1993	6	6	2	388	396	209	0.7	1.6	
1994	7	7	2	458	458	214	0.7	1.5	
Haiti									
1984	25	35	6	1566	2168	431	5.4	1.6	
1985	25	33	6	1627	2172	444	5.5	1.5	
1986	NA	NA	8	1673	2176	385	5.6	NA	
1987	35	44	8	1708	2153	418	5.7	2.1	
1988	35	43	8	1773	2152	330	5.8	2.0	
1989	34 E	40 E	9	1888	2192	320	5.9	1.8	
1990	33 E	37 E	8	1975	2199	265	6.0	1.7	
1991	30 E	32 E	8	1991	2134	NA	6.1	1.5	
1992	28 E	29 E	8	1746	1821	NA	6.2	1.6	
1993	32 E	33 E	8	1734	1770	NA	6.3	1.8	
1994	30 E	30 E	0	1581	1581	122	6.4	1.9	
Honduras									
1984	60 E	83 E	20	1586	2195	565	4.1	3.8	
1985	59 E	79 E	21	1712	2287	565	4.2	3.5	
1986	63 E	82 E	20	1750	2275	516	4.3	3.6	
1987	64 E	81 E	20	1917	2416	485	4.4	3.3	
1988	57 E	69 E	19	2093	2540	476	4.5	2.7	
1989	70 E	82 E	19	2297	2668	509	4.6	3.1	
1990	50	56	18	2382	2651	510	4.7	2.1	
1991	41	44	17	2467	2644	482	4.9	1.7	
1992	39	41	17	2686	2801	505	5.0	1.5	
1993	46 E	47 E	17	2852	2911	558	5.2	1.6	
1994	45 E	45 E	17	2914	2914	546	5.3	1.6	
Hungary									
1984	3690 E	5107 E	118	52360	72460	35030	10.7	7.0c	

1985	3782 E	5051 E	117	52580	70210	32920	10.6	7.2c	
1986	3915 E	5091 E	116	55130	71690	37740	10.6	7.1c	
1987	4055 E	5111 E	116	57850	72910	37400	10.6	7.0c	
1988	4396 E	5335 E	117	63340	76870	39730	10.4	6.9c	
1989	4064 E	4719 E	109	64740	75190	38300	10.4	6.3c	
1990	1277 R	1421 R	94	62590 E	69660 E	34850	10.4	2.0	
1991	1261 R	1352 R	87	59260 E	63520 E	NA	10.3	2.1	
1992	1387 R	1446 R	78	63620 E	66340 E	NA	10.3	2.2	
1993	1261 R	1287 R	NA	64350 E	65680 E	22400 E	10.3	2.0	
1994	1220 R	1220 R	60	64120 E	64120 E	22900 E	10.3	1.9	
	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
Iceland									
1984	0	0	0	3462	4792	1421	0.2	0.0	
1985	0	0	0	3727	4978	1543	0.2	0.0	
1986	0	0	0	4091	5320	1693	0.2	0.0	
1987	0	0	0	4630	5836	1710	0.2	0.0	
1988	0	0	0	4794	5818	1934	0.2	0.0	
1989	0	0	0	4970	5771	2002	0.3	0.0	
1990	0	0	0	5255	5848	1944	0.3	0.0	
1991	0	0	0	5537	5935	2084	0.3	0.0	
1992	0	0	0	5527	5763	2018	0.3	0.0	
1993	0	0	0	5698	5816	2037	0.3	0.0	
1994	0	0	0	6013	6013	2099 E	0.3	0.0	
India									
1984	4620	6395	1120	127100	175800	36500	754.0	3.6	
1985	4929	6582	1260	139100	185700	41980	770.3	3.5	
1986	5371	6984	1260	149400	194200	46630	786.4	3.6	
1987	5813	7326	1262	161500	203500	47150	802.7	3.6	
1988	6229	7560	1362	184400	223800	50470	819.2	3.4	
1989	6500	7548	1260	205000	238100	55140	835.9	3.2	
1990	6546	7285	1262	225900	251500	55360	852.7	2.9	
1991	6297	6749	1265	235100	252000	52330	869.5	2.7	
1992	6384	6657	1265	253100	263900	53810	886.3	2.5	
1993	7430	7583	1265	267100	272600	58590	903.2	2.8	
1994	8233	8233	1305	287100	287100	56600	919.9	2.9	
Indonesia									
1984	1528	2114	281	60230	83350	17030	168.7	2.5	
1985	1539	2055	278	64990	86790	19860	171.9	2.4	
1986	1671	2173	284	71080	92430	23410	175.1	2.4	
1987	1465	1847	284	77080	97140	21220	178.2	1.9	
1988	1429	1734	284	85930	104300	20800	181.4	1.7	
1989	1528	1775	285	98050	113900	21550	184.6	1.6	
1990	1667	1856	283	111300	123900	23870	187.7	1.5	
1991	1825	1957	278	125900	134900	23390	190.9	1.5	
1992	1924	2007	283	138800	144700	27750	194.1	1.4	
1993	2043	2086	271	152900	156100	26710	197.2	1.3	
1994	2318	2318	280	168000	168000	32800 E	200.4	1.4	
Iran									
	b	b							
1984	6059 E	8386 E	335	83760	115900	28000	45.9	7.2	
1985	6772 E	9044 E	345	88220	117800	26530	47.6	7.7	
1986	8836 R	11490 R	345	82330	107100	22200	49.2	10.7	
1987	7487 R	9436 R	350	84950	107100	21070	51.2	8.8	
1988	6926 R	8406 R	654	84320	102300	21530	53.0	8.2	
1989	5929 R	6886 R	604	92130	107000	18900	54.9	6.4	
1990	6394 R	7117 R	440	107000	119100	23620	56.9	6.0	
1991	6154 R	6597 R	465	122700	131500	24900	59.1	5.0	
1992	3964 R	4133 R	528	133800	139600	27830	60.9	3.0	
1993	4705 R	4802 R	528	139800	142700	34170	62.0	3.4	
1994	3042 R	3042 R	528	125000	125000	41040	63.1	2.4	

	b	b							
Iraq									
1984	16880 R	23360 R	788	34880 E	48270 E	NA	15.2	48.4	
1985	12670 R	16920 R	788	30770 E	41090 E	NA	15.7	41.2	
1986	14890 R	19370 R	800	27160 E	35320 E	NA	16.2	54.8	
1987	16480 R	20770 R	900	30220 E	38090 E	NA	16.5	54.5	
1988	18400 R	22330 R	1000	31990 E	38830 E	NA	17.1	57.5	
1989	13230 R	15360 R	1000	32200 E	37390 E	NA	17.7	41.1	
1990	14210 R	15820 R	1390	23180 E	25800 E	NA	18.4	61.3	
1991	8828 R	9462 R	475	11790 E	12640 E	NA	17.9	74.9	
1992	NA	NA	407	15660 E	16330 E	NA	18.5	NA	
1993	NA	NA	407	NA	NA	NA	19.2	NA	
1994	NA	NA	425	NA	NA	NA	19.9	NA	
	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
Ireland									
1984	364	504	13	21550	29830	17140	3.5	1.7	
1985	389	519	14	22760	30390	17760	3.5	1.7	
1986	402	522	14	23360	30380	17590	3.5	1.7	
1987	395	498	14	25320	31910	18040	3.5	1.6	
1988	404	490	13	26900	32650	14370	3.5	1.5	
1989	416	483	13	29830	34640	13490	3.5	1.4	
1990	515	574	13	34400	38280	14470	3.5	1.5	
1991	573	614	13	37400	40090	15340	3.5	1.5	
1992	595	621	13	40120	41840	16480	3.5	1.5	
1993	543	554	13	42350	43220	16850	3.5	1.3	
1994	608	608	17	45810	45810	17950	3.5	1.3	
Israel									
1984	8125	11250	205	33170	45910	43020	3.9	24.5	
1985	7244	9673	195	35670	47630	35570	3.9	20.3	
1986	6671	8675	180	38540	50120	31020	4.0	17.3	
1987	6067	7647	180	42760	53900	31570	4.0	14.2	
1988	5791	7028	191	45530	55260	30500	4.1	12.7	
1989	6015	6985	191	47990	55730	27900	4.1	12.5	
1990	6721	7479	190	53280	59290	30190	4.3	12.6	
1991	4823	5170	190	59910	64210	25160	4.5	8.1	
1992	6626	6909	181	65970	68800	32390	4.7	10.0	
1993	6382	6514	181	70390	71840	32080	4.9	9.1	
1994	6588	6588	185	76810	76810	34330	5.1	8.6	
Italy									
1984	13600	18820	508	596600	825700	399100	57.0	2.3	
1985	14000	18700	504	634300	847100	406900	57.1	2.2	
1986	15050	19570	529	669600	870800	450900	57.2	2.2	
1987	17360	21880	504	713100	898800	467600	57.3	2.4	
1988	18220	22120	506	770600	935300	447600	57.4	2.4	
1989	19170	22270	506	827500	960900	472100	57.5	2.3	
1990	18930	21070	493	878900	978100	484300	57.7	2.2	
1991	19730	21140	473	921300	987500	496600	57.8	2.1	
1992	19800	20650	471	951000	991700	530300	57.9	2.1	
1993	20440	20860	450	966200	986100	536000	58.0	2.1	
1994	20360	20360	436	1008000	1008000	521500	58.1	2.0	
Ivory Coast									
1984	58	81	8	4329	5992	NA	9.8	1.3	
1985	58	77	8	4689	6262	NA	10.2	1.2	
1986	69 E	90 E	8	4815	6261	NA	10.7	1.4	
1987	95	120	8	5096	6422	NA	11.1	1.9	
1988	109	132	8	5148	6247	NA	11.5	2.1	
1989	80	93	8	5199	6037	NA	11.9	1.5	
1990	85	95	15	5211	5799	NA	12.4	1.6	
1991	86	93	15	5347	5732	NA	12.9	1.6	
1992	94	98	15	5492	5727	NA	13.3	1.7	
1993	88 E	90 E	15	5515	5628	NA	13.8	1.6	

	1994	61 E	61 E	15	5445	5445	NA	14.3	1.1
Jamaica									
1984	16	23	2	2013	2786	1146	2.3	0.8	
1985	17	23	2	1904	2542	1257	2.4	0.9	
1986	NA	NA	3	2574	3347	1321	2.4	NA	
1987	27	35	3	2889	3641	NA	2.4	1.0	
1988	31	37	3	3049	3700	1665	2.4	1.0	
1989	33	38	3	3356	3897	NA	2.4	1.0	
1990	35	39	3	3748	4172	1205 E	2.5	0.9	
1991	30	32	3	3925	4207	959 E	2.5	0.8	
1992	25	27	3 E	4003	4174	NA	2.5	0.6	
1993	32	33	3	4025	4108	NA	2.5	0.8	
1994	27	27	3	4021	4021	NA	2.6	0.7	
	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
Japan									
1984	23390	32370	241	2399000	3320000	596900	120.0	1.0	
1985	25470	34020	241	2615000	3492000	606900	120.8	1.0	
1986	27430	35670	245	2756000	3584000	616100	121.5	1.0	
1987	29820	37580	244	2967000	3740000	635800	122.1	1.0	
1988	32390	39310	245	3274000	3973000	657400	122.6	1.0	
1989	35230	40910	247	3586000	4165000	705300	123.1	1.0	
1990	38190	42510	250	3921000	4364000	706100	123.5	1.0	
1991	41010	43960	250	4245000	4550000	998100	123.9	1.0	
1992	43000	44840	242	4421000	4610000	997100	124.3	1.0	
1993	44480	45400	242	4509000	4602000	1083000	124.7	1.0	
1994	45820	45820	233	4630000	4630000	NA	125.1	1.0	
Jordan									
1984	477 E	661 E	78	3208	4439	1517	2.5	14.9	
1985	534 E	713 E	81	3454	4613	1796	2.6	15.5	
1986	594 E	773 E	86	3847	5003	1803	2.7	15.4	
1987	617 E	778 E	100	4127	5202	2042	2.9	14.9	
1988	NA	NA	165	4134	5017	1956	3.0	NA	
1989	NA	NA	190	3574	4150	1743	3.1	NA	
1990	435	485	100	3733	4155	1655	3.3	11.7	
1991	447 E	479 E	100	4007	4295	1761	3.6	11.2	
1992	436 E	455 E	100	4893	5102	1689	3.8	8.9	
1993	442	451	100	5340	5450	1920	3.9	8.3	
1994	434	434	100	5790	5790	1978	4.0	7.5	
Kazakstan									
1992	E	E		E	E	E			
1992	NA	NA	44	71530	74590	20600	17.0	NA	
1993	NA	NA	44	64730	66060	NA	17.2	NA	
1994	450	450	18	48190	48190	NA	17.3	0.9	
Kenya									
1984	110	153	19	3400	4706	1229	19.4	3.2	
1985	85	113	19	3671	4902	1343	20.2	2.3	
1986	91	118	20	4040	5253	1357	21.0	2.2	
1987	116	147	21	4406	5553	1649	21.8	2.6	
1988	163	198	20	4838	5871	1639	22.6	3.4	
1989	130	151	20	5303	6158	1973	23.4	2.4	
1990	166	185	20	5707	6351	1882	24.2	2.9	
1991	169	181	20	5972	6401	2006	25.1	2.8	
1992	186	194	24	6139	6402	1689	26.2	3.0	
1993	162	166	24	6093	6219	1853	27.4	2.7	
1994	138	138	22	6565	6565	2053	28.2	2.1	
Korea, North									
1984	R	R		E	E				
1984	5060	7003	784	25300	35020	NA	19.3	20.0	
1985	5260	7024	784	26300	35120	NA	19.6	20.0	
1986	5440	7074	838	27200	35370	NA	19.9	20.0	

	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
1987	5640	7108	838	28200	35540	NA	20.3	20.0	
1988	5840	7088	842	29200	35440	NA	20.6	20.0	
1989	6000	6968	1040	30000	34840	NA	21.0	20.0	
1990	5940	6611	1200	29700	33050	NA	21.4	20.0	
1991	4660	4995	1200	23300	24970	NA	21.8	20.0	
1992	5500	5735	1200	22000	22940	NA	22.2	25.0	
1993	5300	5409	1200	20800	21230	NA	22.6	25.5	
1994	5500	5500	1200	20900	20900	NA	23.1	26.3	
Korea, South									
1984	5711	7904	602	112000	155000	29740	40.4	5.1	
1985	6158	8224	600	123400	164800	30900	40.8	5.0	
1986	6676	8681	604	141900	184500	31620	41.4	4.7	
1987	6915	8716	604	164400	207200	34240	41.9	4.2	
1988	7688	9331	626	191200	232000	36990	42.4	4.0	
1989	8815	10240	647	213500	248000	43020	42.8	4.1	
1990	10190	11340	650	244100	271700	50830	43.2	4.2	
1991	10200	10930	750	276500	296400	55830	43.7	3.7	
1992	11150	11620	750	298500	311300	58600	44.1	3.7	
1993	11680	11920	750	322000	328700	61060	44.6	3.6	
1994	13030	13030	750	356000	356000	74830	45.1	3.7	
Kuwait									
1984	1415	1958	15	26590	36810	16720	1.6	5.3	
1985	1509	2015	16	26400	35260	14870	1.7	5.7	
1986	1287	1673	18	24880	32350	13410	1.8	5.2	
1987	1250	1575	20	26060	32850	11230	1.9	4.8	
1988	1260	1529	15	25920	31460	11030	2.0	4.9	
1989	1944	2257	20	32010	37170	11350	2.0	6.1	
1990	13240 E	14730 E	7	24950	27770	11000	2.1	53.1	1
1991	16030 E	17190 E	10	15740	16880	23970	0.9	101.8	
1992	19090 E	19910 E	12	24810	25870	20670	1.4	77.0	
1993	3604 E	3679 E	12	27900	28480	15050	1.5	12.9	
1994	3086	3086	15	27860	27860	13910	1.7	11.1	
Kyrgyzstan									
1992	47 E	49 E	12	12120	12640	4286	4.6	0.4	
1993	51	52	12	10920	11140	NA	4.6	0.5	
1994	57	57	9	7980	7980	NA	4.7	0.7	
Laos									
1984	55 E	76 E	54	679	940	357 E	3.6	8.1	
1985	55 E	73 E	54	740	988	NA	3.7	7.4	
1986	NA	NA	56	788	1025	NA	3.8	NA	
1987	NA	NA	56	802	1011	NA	3.9	NA	
1988	NA	NA	56	812	985	NA	4.0	NA	
1989	NA	NA	56	970	1126	NA	4.1	NA	
1990	NA	NA	55	1087	1210	NA	4.2	NA	
1991	NA	NA	53	1169	1253	NA	4.3	NA	
1992	110	115	37	1287	1342	NA	4.4	8.5	
1993	110 R	112 R	37	1392	1421	NA	4.6	7.9	
1994	114	114	45	1539	1539	NA	4.7	7.4	
Latvia									
1992	117 E	122 E	5	13750	14340	4574	2.7	0.9	
1993	122	125	5	13380	13660	NA	2.7	0.9	
1994	180	180	2	13350	13350	4220	2.7	1.3	
Lebanon									
1984	172	238	19	1701 E	2354 E	1036	3.2	10.1	
1985	NA	NA	21	1351 E	1804 E	NA	3.2	NA	

1986	NA	NA	36	1348 E	1753 E	NA	3.2	NA
1987	NA	NA	37	1034 E	1303 E	866 E	3.2	NA
1988	NA	NA	20	NA	NA	NA	3.3	NA
1989	NA	NA	18	7355	8541	NA	3.3	NA
1990	246 E	274 E	36	6201	6902	1954 E	3.4	4.0
1991	271 E	291 E	36	7955	8526	2248 E	3.4	3.4
1992	325	339	37	8079	8425	1835	3.5	4.0
1993	307	313	37	8659	8837	2035	3.6	3.5
1994	310 E	310 E	50	9540	9540	3200 E	3.6	3.2

Lesotho

1984	53	74	2	741	1025	274	1.5	7.2
1985	NA	NA	2	744	993	252	1.5	NA
1986	40	52	2	753	979	NA	1.6	5.3
1987	NA	NA	2	782	985	353	1.6	NA
1988	NA	NA	2	831	1008	352	1.7	NA
1989	38	44	2	1008	1170	410	1.7	3.7
1990	56 E	63 E	2	1071	1192	368	1.8	5.3
1991	NA	NA	2	1107	1187	384	1.8	NA
1992	36	38	2	1128	1177	NA	1.8	3.2
1993	31 E	32 E	2	1227	1252	354	1.9	2.6
1994	26 E	26 E	2	1351	1351	405 E	1.9	1.9

Liberia

1984	30	42	6	1308	1810	594	2.2	2.3
1985	38	51	6	1420	1896	582	2.2	2.7
1986	49 E	64 E	6	1419	1846	541	2.3	3.5
1987	55 E	69 E	6	1450	1827	486	2.4	3.8
1988	58 E	71 E	7	NA	NA	NA	2.5	NA
1989	NA	NA	7	NA	NA	NA	2.6	NA
1990	NA	NA	8	NA	NA	NA	2.3	NA
1991	NA	NA	5	NA	NA	NA	2.1	NA
1992	NA	NA	2	NA	NA	NA	2.5	NA
1993	36 E	37 E	NA	NA	NA	NA	2.9	NA
1994	30 E	30 E	NA	NA	NA	NA	3.0	NA

Libya

1984	E 4706 b	E 6514 b	90	E 22990	E 31820	E 16280 E	3.6	20.5
1985	NA	NA	91	25180	33630	NA	3.7	NA
1986	NA	NA	91	20590	26770	13070 E	3.8	NA
1987	2587 b	3260 b	91	21610	27240	NA	3.9	12.0
1988	NA	NA	86	19110	23190	NA	4.0	NA
1989	2961 b	3438 b	86	20700	24040	12270	4.2	14.3
1990	NA	NA	86	26570	29570	NA	4.4	NA
1991	2257 d	2419 d	86	30440	32620	NA	4.5	7.4
1992	2157 d	2249 d	85	31280	32620	NA	4.7	6.9
1993	1521 d	1552 d	85	29580	30190	NA	4.9	5.1
1994	1399 d	1399 d	80	32900	32900	NA	5.1	4.3

Lithuania

1992	E NA	E NA	10	E 12750	E 13290	E 4473	3.8	NA
1993	92	94	10	11840	12090	2465	3.8	0.8
1994	71	71	10	12010	12010	2269	3.8	0.6

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Luxembourg

1984	74	103	1	9395	13000	4246	0.4	0.8
1985	76	102	1	10110	13500	4312	0.4	0.8
1986	78	102	1	10630	13820	4327	0.4	0.7
1987	92	116	1	10950	13800	4554	0.4	0.8
1988	106	128	1	11830	14360	4703	0.4	0.9
1989	97	113	1	12950	15040	4622	0.4	0.8
1990	105	117	1	14280	15900	5123	0.4	0.7
1991	119	128	1	15310	16410	5625	0.4	0.8

1992	126	131	1	15710	16390	5858	0.4	0.8
1993	114	116	1	15390	15710	5920	0.4	0.7
1994	126	126	1	16130	16130	4050 E	0.4	0.8

Macedonia				E	E			
1992	NA	NA	10	3000	3128	NA	2.1	NA
1993	NA	NA	10	2240	2286	NA	2.1	NA
1994	NA	NA	10	1900	1900	NA	2.1	NA

Madagascar								
1984	36 E	49 E	28	1697	2349	482 E	9.8	2.1
1985	35 E	46 E	27	1788	2388	581 E	10.1	1.9
1986	35 E	46 E	26	1866	2427	564 E	10.4	1.9
1987	35 E	45 E	26	1909	2407	NA	10.7	1.9
1988	31 E	38 E	21	2041	2477	461	11.1	1.5
1989	31 E	36 E	21	2215	2572	472	11.4	1.4
1990	30	33	21	2448	2725	405	11.8	1.2
1991	29	31	21	2355	2525	442	12.2	1.2
1992	28 E	29 E	21	2492	2598	549	12.6	1.1
1993	29 E	30 E	21	2618	2672	572	13.0	1.1
1994	24 E	24 E	21	2692	2692	NA	13.4	0.9

Malawi								
1984	13	18	6	772	1068	308	6.9	1.7
1985	16	22	6	836	1116	376	7.1	2.0
1986	20	26	7	852	1107	398	7.4	2.4
1987	17	22	7	896	1129	395	7.9	1.9
1988	16	19	7	968	1175	362	8.4	1.6
1989	17	20	7	1034	1200	342	8.8	1.6
1990	15 E	17 E	7	1150	1280	348	9.3	1.3
1991	15 E	16 E	8	1302	1396	361 E	9.6	1.1
1992	13 E	14 E	10	1241	1294	354 E	9.8	1.1
1993	16 E	17 E	10	1391	1419	NA	9.8	1.2
1994	13 E	13 E	10	1252	1252	NA	9.7	1.1

Malaysia								
1984	956	1323	125	24870	34420	11940	15.2	3.8
1985	962 E	1285 E	110	25450	33990	11980	15.5	3.8
1986	1128 E	1466 E	113	26790	34840	14630	15.9	4.2
1987	1314	1656	113	29180	36770	12570	16.3	4.5
1988	867	1052	113	33180	40270	12140	16.7	2.6
1989	1081	1255	115	37850	43950	13880	17.1	2.9
1990	1208	1344	130	43950	48910	15470	17.6	2.7
1991	1727	1851	128	49350	52900	16990	18.0	3.5
1992	1745	1820	128	54400	56730	18400	18.4	3.2
1993	1934	1974	115	60460	61710	16480	18.8	3.2
1994	2121 E	2121 E	115	67170	67170	17600	19.3	3.2

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Mali								
1984	23	31	8	930	1287	404	7.2	2.4
1985	27	37	8	957	1278	454	7.4	2.9
1986	27	36	8	1095	1424	438	7.6	2.5
1987	28	35	8	1220	1537	418	7.7	2.3
1988	30	37	8	1266	1536	469	7.9	2.4
1989	33	38	8	1481	1720	441 E	8.1	2.2
1990	NA	NA	13	1550	1725	NA	8.2	NA
1991	NA	NA	13	1575	1688	NA	8.4	NA
1992	42 E	43 E	12	1745	1820	460 E	8.6	2.4
1993	39 E	40 E	12	1772	1808	NA	8.9	2.2
1994	34	34	8	1838	1838	NA	9.1	1.9

Malta								
1984	12	16	1	1228	1700	643	0.4	1.0

1985	14	19	1	1291	1724	724	0.4	1.1
1986	15	19	1	1355	1762	683	0.3	1.1
1987	18	23	1	1452	1831	712	0.3	1.3
1988	17	21	1	1623	1970	727	0.3	1.1
1989	20	23	2	1846	2144	820	0.4	1.1
1990	17	19	2	2084	2320	958	0.4	0.8
1991	19 E	20 E	2	2275	2439	1025	0.4	0.8
1992	23	24	2	2418	2522	927	0.4	0.9
1993	23	23	2	2554	2607	969	0.4	0.9
1994	30	30	1	NA	NA	1484 E	0.4	NA

Mauritania

1984	NA	NA	16	527	729	NA	1.6	NA
1985	38 E	51 E	16	552	737	202 E	1.7	6.9
1986	35	45	16	592	770	NA	1.7	5.9
1987	28	35	16	624	787	NA	1.8	4.4
1988	NA	NA	14	667	809	NA	1.8	NA
1989	33	38	16	741	861	237	1.9	4.4
1990	32 E	36 E	17	762	848	NA	1.9	4.2
1991	30 E	32 E	17	815	874	NA	2.0	3.7
1992	37 E	39 E	16	851	887	NA	2.1	4.4
1993	36 E	37 E	16	896	914	NA	2.1	4.1
1994	36 E	36 E	10	969	969	0	2.2	3.8

Mauritius

1984	3	5	1	1264	1750	503	1.0	0.3
1985	3	4	1	1411	1885	514	1.0	0.2
1986	3	4	1	1591	2069	515	1.0	0.2
1987	3	4	1	1833	2310	535	1.0	0.2
1988	4	5	1	2035	2470	598	1.1	0.2
1989	5	6	1	2252	2616	671	1.1	0.2
1990	8	9	1	2519	2803	681	1.1	0.3
1991	10	11	1	2753	2951	699	1.1	0.4
1992	11	11	1	3010	3139	768	1.1	0.4
1993	11	11	1	3220	3286	745	1.1	0.3
1994	11	11	1	3454	3454	776	1.1	0.3

Mexico

1984	1386 E	1919 E	129	208200	288100	71230	75.1	0.7
1985	1500 E	2003 E	140	222500	297200	77740	76.6	0.7
1986	1562 E	2031 E	141	218700	284300	88000	78.3	0.7
1987	1786 E	2252 E	141	234500	295500	96350	79.9	0.8
1988	1463 E	1776 E	154	247400	300300	83050	81.7	0.6
1989	1562 E	1813 E	154	268200	311500	73940	83.4	0.6
1990	1357 E	1510 E	175	293500	326600	66800	85.1	0.5
1991	1390 E	1490 E	175	317600	340400	59720	86.9	0.4
1992	1656 E	1727 E	175	335600	349900	57230	88.6	0.5
1993	1605	1638	175	344100	351200	60540	90.4	0.5
1994	2246	2246	175	363300	363300	66190 E	92.2	0.6

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Moldova

1992	E NA	E NA	9	E 14230	E 14840	E 9736	4.4	NA
1993	NA	NA	13	13980	14270	NA	4.5	NA
1994	92	92	11	11900	11900	NA	4.5	0.8

Mongolia

1984	42 E	58 E	38	489	677	NA	1.9	8.6
1985	44 E	59 E	38	535	714	NA	1.9	8.3
1986	52 E	67 E	40	605	787	NA	2.0	8.6
1987	56 E	71 E	32	650	820	543	2.0	8.6
1988	66 E	80 E	32 E	728	884	603	2.1	9.1
1989	63 E	74 E	33	790	918	612	2.1	8.0
1990	63 E	70 E	32	803	894	593	2.2	7.8

1991	32 E	35 E	31	758	813	388	2.2	4.3
1992	20	21	21	705	735	224	2.3	2.8
1993	19	20	18	708	723	212	2.4	2.7
1994	17	17	21	722	722	174	2.4	2.4

Morocco

1984	NA	NA	149	14720	20380	6353	22.6	NA
1985	NA	NA	165	16110	21510	7000	23.2	NA
1986	1091 E	1418 E	185	18110	23550	7101	23.8	6.0
1987	1127 E	1420 E	200	18190	22930	6731	24.4	6.2
1988	1097 E	1331 E	195	20400	24750	7310	25.0	5.4
1989	1208 E	1402 E	195	21760	25270	8125	25.6	5.5
1990	1306 E	1454 E	195	24360	27110	8129	26.2	5.4
1991	1157 E	1240 E	195	26840	28770	8383	26.8	4.3
1992	1577 E	1645 E	195	26420	27550	8688	27.4	6.0
1993	1246	1272	195	26420	26970	NA	28.0	4.7
1994	1228 E	1228 E	195	30200	30200	8897 E	28.6	4.1

Mozambique

1984	NA	NA	34	513	709	NA	13.4	NA
1985	51	68	35	515	688	179 E	13.8	9.9
1986	NA	NA	65	482	627	NA	14.1	NA
1987	53	67	65	588	741	193	14.1	9.0
1988	65	79	65	697	846	194	14.0	9.3
1989	73	84	65	752	874	NA	14.2	9.6
1990	74	82	65	801	891	NA	14.4	9.2
1991	104	111	65	883	947	NA	14.8	11.7
1992	90 E	94 E	50	888	926	565 E	15.5	10.1
1993	97	99	50	1113	1136	NA	16.3	8.7
1994	104	104	11	1195	1195	NA	17.3	8.7

Namibia

1990	42 E	47 E	NA	2237	2489	860	1.4	1.9
1991	67 E	72 E	8	2523	2704	1093	1.4	2.7
1992	64	67	8	2707	2823	1184	1.5	2.4
1993	60	61	8	2745	2802	1122	1.5	2.2
1994	56	56	8	2929	2929	NA	1.6	1.9

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Nepal

1984	20	28	25	1795	2484	449	16.5	1.1
1985	21	28	25	1971	2632	457	16.9	1.1
1986	23	30	25	2114	2749	460	17.4	1.1
1987	24	31	30	2231	2812	480	17.8	1.1
1988	24	30	35	2499	3033	528	18.2	1.0
1989	27	31	35	2717	3155	605	18.7	1.0
1990	30	34	35	2970	3306	559	19.1	1.0
1991	30	32	35	3277	3513	544	19.6	0.9
1992	33	34	35	3508	3658	688 E	20.0	0.9
1993	42 E	42 E	35	3698	3774	768 E	20.5	1.1
1994	43	43	35	4034	4034	854 E	21.0	1.1

Netherlands

1984	5876	8133	103	187500	259500	150700	14.4	3.1
1985	6048	8076	103	199400	266200	148900	14.5	3.0
1986	6303	8196	106	210100	273200	145000	14.6	3.0
1987	6608	8328	106	219100	276100	151600	14.7	3.0
1988	6806	8260	107	232300	281900	154700	14.8	2.9
1989	7170	8326	106	256000	297200	156200	14.8	2.8
1990	7281	8103	104	277700	309000	159600	15.0	2.6
1991	7380	7910	104	294800	316000	166000	15.1	2.5
1992	7589	7914	90	306200	319300	170200	15.2	2.5
1993	7191	7339	86	314900	321400	167100	15.3	2.3
1994	7137	7137	77	331000	331000	164000	15.4	2.2

New Zealand

1984	607	841	13	30110	41670	18740	3.2	2.0
1985	620	828	13	31290	41780	18370	3.2	2.0
1986	679	883	12	32930	42830	18710	3.2	2.1
1987	697	879	13	34330	43260	19000	3.3	2.0
1988	766	930	13	35470	43050	17380	3.3	2.2
1989	785	912	12	36960	42920	20400	3.3	2.1
1990	793	883	11	38760	43130	17520	3.3	2.0
1991	560	601	11	39590	42440	16760	3.3	1.4
1992	659	687	11	42810	44640	17290	3.3	1.5
1993	713	728	11	46020	46970	16130	3.4	1.5
1994	613	613	10	48750	48750	17530	3.4	1.3

Nicaragua

1984	200 E	277 E	67	1366	1890	1320	3.1	14.6
1985	227 E	304 E	74	1320	1763	1171	3.2	17.4
1986	NA	NA	75	1365	1774	1018	3.2	NA
1987	NA	NA	80	1433	1806	NA	3.3	NA
1988	NA	NA	74	1286	1561	831	3.4	NA
1989	NA	NA	65	1201	1395	557	3.5	NA
1990	207	230	28	1317	1466	807	3.6	15.7
1991	46	50	20	1209	1295	490	3.8	3.8
1992	39	41	15	1254	1307	541	3.9	3.1
1993	35	36	15	1313	1340	535	4.0	2.7
1994	34	34	14	1329	1329	609	4.1	2.6

Niger

1984	7 E	9 E	5	931	1289	222 E	6.5	0.7
1985	8 E	11 E	5	997	1331	223 E	6.7	0.8
1986	9 E	11 E	4	1094	1422	NA	6.9	0.8
1987	NA	NA	5	1098	1384	279	7.2	NA
1988	12	14	4	1196	1452	334	7.4	1.0
1989	15	18	4	1211	1407	NA	7.6	1.2
1990	NA	NA	5	1348	1500	301	7.9	NA
1991	19	20	5	1428	1530	237 E	8.1	1.3
1992	18 E	19 E	5	1372	1431	NA	8.4	1.3
1993	14	15	5	1422	1451	265 E	8.7	1.0
1994	14	14	7	1507	1507	NA	9.0	0.9

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Nigeria

1984	d	d	144	20640	28570	4732	72.6	1.9
1985	387	536	134	23510	31390	4951	74.7	1.5
1986	349	467	138	23250	30230	6820	76.6	1.2
1987	283	368	138	22540	28410	7870	78.9	0.8
1988	186 E	235 E	107	26110	31690	6658	81.3	1.0
1989	251 E	305 E	107	29260	33980	6796	83.9	NA
1990	NA	NA	94	32080	35700	9320	86.6	0.9
1991	300 E	334 E	94	35880	38460	8816	89.3	0.8
1992	294	315	76	38020	39650	8519	92.1	0.6
1993	228	238	76	39360	40170	11080	95.1	0.7
1994	288	294	80	41270	41270	6438	98.1	0.8
1994	324	324						

Norway

1984	1730	2394	39	59900	82900	35140	4.1	2.9
1985	2082	2780	36	66130	88310	37110	4.2	3.1
1986	2255	2932	38	70980	92300	41810	4.2	3.2
1987	2513	3167	38	74760	94230	43860	4.2	3.4
1988	2543	3086	40	76790	93200	44720	4.2	3.3
1989	2692	3127	43	80250	93190	45080	4.2	3.4
1990	2819	3137	51	85350	94990	45550	4.2	3.3
1991	2869	3075	41	90080	96560	49750	4.3	3.2
1992	3306	3448	42	95240	99320	54180	4.3	3.5

1993	3247	3314	12	100700	102800	53120	4.3	3.2
1994	3382	3382	12	108000	108000	55050 E	4.3	3.1

Oman				E	E			
1984	1894	2621	25	7014	9707	5620	1.4	27.0
1985	1937	2587	25	7945	10610	6119	1.5	24.4
1986	1731	2250	26	6409	8335	5395	1.5	27.0
1987	1518	1913	27	7078	8921	4411	1.6	21.4
1988	1350	1638	27	6548	7948	4343	1.6	20.6
1989	1552	1802	29	7351	8537	4357	1.7	21.1
1990	1707	1899	32	9445	10510	4688	1.8	18.1
1991	1450	1554	29	9088	9741	4373	1.8	16.0
1992	1767	1843	35	9996	10420	5217	1.9	17.7
1993	1691	1726	35	9871	10070	5011	2.0	17.1
1994	1818	1818	31	10060	10060	5001	2.0	18.1

Pakistan								
1984	1381	1912	479	23770	32890	7083	96.4	5.8
1985	1627	2173	483	26150	34930	7721	99.3	6.2
1986	1819	2365	483	28400	36930	9377	102.3	6.4
1987	2226	2806	481	30630	38600	9580	105.3	7.3
1988	2333	2831	481	33610	40790	9706	108.4	6.9
1989	2342	2720	520	36570	42460	11080	111.6	6.4
1990	2765	3077	550	39880	44390	10800	114.8	6.9
1991	2614	2802	565	42940	46020	11380	118.2	6.1
1992	2918	3043	580	47140	49160	12830	121.7	6.2
1993	3168	3233	580	48970	49980	13120	125.2	6.5
1994	3068	3068	540	51410	51410	13330	128.9	6.0

Panama								
1984	70 E	97 E	11	3191	4416	1687	2.1	2.2
1985	84 E	113 E	12	4124	5507	1750	2.2	2.0
1986	89 E	116 E	12	4380	5696	1947	2.2	2.0
1987	90	114	12	4632	5838	1998	2.3	2.0
1988	91	111	11	3883	4712	1466	2.3	2.4
1989	94	109	14	4007	4654	1348	2.4	2.3
1990	68	75	11	4413	4912	1286	2.4	1.5
1991	76	81	12	5052	5415	1461	2.5	1.5
1992	0	0	11	5728	5973	1432	2.5	0.0
1993	0	0	11	6300	6429	1683	2.6	0.0
1994	0	0	11	6688	6688	NA	2.6	0.0

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Papua New Guinea								
1984	36	50	3	2291	3171	1070	3.3	1.6
1985	36	48	3	2459	3284	1072	3.4	1.5
1986	39	51	3	2669	3471	1160	3.5	1.5
1987	39	49	3	2777	3500	1106	3.6	1.4
1988	39	48	3	2987	3625	1110	3.6	1.3
1989	48	56	3	3088	3586	1266	3.7	1.6
1990	69	77	4	3127	3480	1302	3.8	2.2
1991	51	55	4	3575	3832	1408	3.9	1.4
1992	58	61	4	3887	4053	1440	4.0	1.5
1993	55	56	NA	4690	4787	1645	4.1	1.2
1994	54	54	4	4978	4978	1608	4.2	1.1

Paraguay								
1984	57	79	17	3988	5519	617	3.9	1.4
1985	49 E	65 E	14	4244	5668	545	4.0	1.1
1986	NA	NA	16	4350	5657	480	4.1	NA
1987	49 E	62 E	16	4667	5882	562	4.2	1.1
1988	74 E	90 E	16	5168	6272	584	4.4	1.4
1989	81	94	16	5736	6661	604	4.5	1.4
1990	80	90	16	6131	6823	646	4.7	1.3

1991	113	121	16	6560	7032	847	4.8	1.7
1992	124	129	16	6850	7144	978	4.9	1.8
1993	102	104	16	7330	7481	971	5.1	1.4
1994	94	94	15	7786	7786	NA	5.2	1.2

Peru

1984	1800 E	2492 E	135	29740	41160	8173	19.2	6.1
1985	2123 E	2835 E	128	31580	42170	7813	19.6	6.7
1986	2510 E	3263 E	127	36020	46830	8201	20.1	7.0
1987	2174 E	2741 E	127	40310	50810	8252	20.5	5.4
1988	NA	NA	111	37070	44990	6338	21.0	NA
1989	NA	NA	110	34920	40550	5519	21.4	NA
1990	702 E	782 E	125	35460	39470	5969	21.9	2.0
1991	475 E	509 E	123	38440	41200	5013	22.3	1.2
1992	715	746	112	38600	40250	6183	22.8	1.9
1993	737	753	112	41800	42660	6450	23.2	1.8
1994	797 E	797 E	112	48980	48980	6008	23.7	1.6

Philippines

1984	450	622	105	36060	49910	6555	56.5	1.2
1985	475	635	115	34730	46380	6683	57.9	1.4
1986	722	939	105	37150	48310	8904	59.2	1.9
1987	750	946	105	40100	50540	9037	60.7	1.9
1988	951	1154	148	44840	54420	9354	62.1	2.1
1989	1117	1297	112	49620	57620	10840	63.6	2.3
1990	1165	1297	109	54100	60200	12130	65.2	2.2
1991	1162	1246	107	56560	60630	11830	66.7	2.1
1992	1120	1168	107	58960	61490	11480	68.4	1.9
1993	1324	1351	107	61820	63090	11720	70.0	2.1
1994	1272	1272	109	66300	66300	12000	71.6	1.9

Poland

1984	13670 E	18920 E	434	138700	192000	47940	36.9	9.9c
1985	14670 E	19590 E	439	144400	192800	48160	37.2	10.2c
1986	15230 E	19800 E	443	152800	198800	47160	37.5	10.0c
1987	15450 E	19480 E	441	155400	195800	41820	37.7	9.9c
1988	15350 E	18630 E	430	170900	207400	40990	37.8	9.0c
1989	15480 E	17980 E	350	174700	202900	26010 E	38.0	8.9c
1990	8752 R	9740 R	313	163300 E	181700 E	NA	38.1	5.4
1991	7362 R	7891 R	305	160100 E	171600 E	24010 E	38.3	4.6
1992	4152 R	4329 R	270	181300 E	189000 E	50660 E	38.4	2.3
1993	4334 R	4423 R	180	192600 E	196600 E	61920 E	38.5	2.3
1994	4945 R	4945 R	255	206300 E	206300 E	88900	38.7	2.4

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Portugal

1984	1332	1844	100	43740	60540	24600	10.1	3.0
1985	1371	1831	102	46890	62610	28110	10.2	2.9
1986	1467	1908	101	51010	66340	29360	10.2	2.9
1987	1552	1956	105	56070	70670	29490	10.2	2.8
1988	1771	2149	104	61910	75140	29450	10.3	2.9
1989	1964	2281	104	68890	80000	31370	10.3	2.9
1990	2117	2356	87	75670	84210	33650	10.4	2.8
1991	2200	2358	86	80420	86200	37000	10.4	2.7
1992	2231	2327	80	84240	87840	36170	10.4	2.6
1993	2186	2231	68	84370	86110	NA	10.5	2.6
1994	2174	2174	122	87140	87140	41000 E	10.5	2.5

Qatar

1984	NA	NA	6	7073	9789	5513	0.3	NA
1985	NA	NA	7	6722	8976	5742	0.3	NA
1986	NA	NA	9	5677	7382	5982	0.4	NA
1987	NA	NA	11	5925	7468	4242	0.4	NA
1988	NA	NA	7	6339	7694	4126	0.4	NA

1989	NA	NA	7	6686	7764	3948	0.4	NA
1990	NA	NA	11	7582	8438	NA	0.5	NA
1991	934 E	1001 E	11	7084	7593	3430	0.5	13.2
1992	357 E	372 E	8	7644	7971	3568	0.5	4.7
1993	330 E	336 E	8	7583	7739	3667	0.5	4.3
1994	302 E	302 E	10	7820	7820	NA	0.5	3.9

Romania

1984	6514 E	9016 E	236	96620	133700	32490	22.6	6.7c
1985	6840 E	9134 E	237	99330	132600	45760	22.7	6.9c
1986	7059 E	9179 E	238	103600	134700	48650	22.8	6.8c
1987	7485 E	9434 E	248	104600	131800	43910	22.9	7.2c
1988	7004 E	8500 E	220	112300	136300	45610	23.0	6.2c
1989	6916 E	8031 E	207	113400	131600	47580	23.2	6.1c
1990	3869 R	4306 R	126	104900 E	116800 E	39470 E	23.2	3.7
1991	3747 R	4016 R	201	94190 E	101000 E	35310 E	23.2	4.0
1992	2824 R	2945 R	172	64180 E	66930 E	27910 E	23.2	4.4
1993	1676 R	1711 R	167	66230 E	67600 E	14940 E	23.2	2.5
1994	1743 E	1743 E	200	66390 E	66390 E	5114 E	23.2	2.6

Russia

1992	R	R		E	E	E		c
1992	139200	145200	2030	852100	888600	527800	149.0	16.3
1993	111500	113800	2250	777400	793400	NA	149.3	14.3
1994	96800	96800	1395	780400	780400	244400	149.6	12.4

Rwanda

1984	NA	NA	5	1207	1671	NA	6.0	NA
1985	23 E	30 E	5	1303	1740	319 E	6.2	1.7
1986	NA	NA	5	1409	1832	NA	6.5	NA
1987	28	36	5	1453	1831	299	6.7	2.0
1988	24 E	29 E	5	1576	1912	292	6.9	1.5
1989	26 E	30 E	6	1648	1914	373	7.2	1.6
1990	68	76	6	1633	1818	385	7.4	4.2
1991	120 E	128 E	30	1721	1844	413	7.7	7.0
1992	112 E	117 E	30	1781	1857	464	7.9	6.3
1993	121 E	123 E	30	1636	1670	530	8.1	7.4
1994	114 E	114 E	40	1500	1500	NA	8.4	7.6

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

SaoTome&Princ.

1984	NA	NA	2	17	24	NA	0.1	NA
1985	NA	NA	2	18	24	NA	0.1	NA
1986	NA	NA	1	18	23	NA	0.1	NA
1987	NA	NA	1	19	24	7	0.1	NA
1988	NA	NA	1	19	23	4	0.1	NA
1989	NA	NA	1	21	24	4	0.1	NA
1990	NA	NA	1	21	23	NA	0.1	NA
1991	NA	NA	1	22	23	NA	0.1	NA
1992	NA	NA	1	23	24	NA	0.1	NA
1993	NA	NA	1	23	24	NA	0.1	NA
1994	NA	NA	3	23	23	NA	0.1	NA

Saudi Arabia

1984	20400	28230	80	103500	143200	97340	12.5	19.7
1985	21340	28490	80	94140	125700	105500	13.2	22.7
1986	17330	22530	80	83060	108000	70410	13.9	20.9
1987	16210 E	20430 E	80	83410	105100	44120 E	14.5	19.4
1988	13600 E	16510 E	84	85880	104200	45730 E	15.1	15.8
1989	14690 E	17050 E	82	92410	107300	44240 E	15.6	15.9
1990	23160 E	25780 E	146	112600	125400	42510 E	15.9	20.6
1991	35510 E	38060 E	191	124800	133800	NA	16.1	28.5
1992	35010 E	36510 E	172	128600	134100	50370 E	16.7	27.2
1993	20480 E	20900 E	172	122700	125200	51030 E	17.4	16.7
1994	17200	17200	164	121400	121400	NA	18.0	14.2

Senegal									
	E	E							
1984	57	79	18	2126	2943	913	6.4	2.7	
1985	63	84	18	2284	3050	951 E	6.6	2.8	
1986	66	85	18	2463	3202	1144 E	6.8	2.7	
1987	58	74	18	2639	3325	1098 E	7.0	2.2	
1988	59	72	14	2884	3500	1190 E	7.3	2.1	
1989	61	71	15	3025	3513	1120 E	7.5	2.0	
1990	67	75	18	3273	3643	NA	7.7	2.1	
1991	71	76	18	3503	3754	NA	8.0	2.0	
1992	101	105	18	3600	3754	764 E	8.2	2.8	
1993	89	91	18	3597	3672	NA	8.5	2.5	
1994	60	60	14	3711	3711	NA	8.7	1.6	
Serbia and Montenegro									
				E	E				
1992	NA	NA	137 E	13500	14080	NA	10.1	NA	
1993	NA	NA	100	10000	10210	NA	10.3	NA	
1994	NA	NA	130	10000	10000	NA	10.3	NA	
Sierra Leone									
1984	4	5	4	534	739	131	3.6	0.7	
1985	4 E	5 E	4	522	697	106	3.7	0.8	
1986	NA	NA	4	529	687	72	3.8	NA	
1987	5 E	6 E	6	577	727	206	3.9	0.8	
1988	4 E	5 E	4	615	747	125	4.0	0.7	
1989	NA	NA	4	658	764	125	4.1	NA	
1990	7	8	5	665	740	82	4.2	1.1	
1991	18 E	20 E	5	678	726	173	4.4	2.7	
1992	17 E	18 E	6	666	695	155	4.5	2.5	
1993	16 E	16 E	6	690	704	162	4.5	2.2	
1994	36 E	36 E	13	728	728	178	4.6	4.9	
	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
Singapore									
1984	1315	1820	56	25520	35310	8699	2.5	5.2	
1985	1559	2082	56	26440	35310	12210	2.6	5.9	
1986	1500	1950	56	27340	35550	12940	2.6	5.5	
1987	1578	1988	56	30540	38500	13340	2.6	5.2	
1988	1860	2258	56	34940	42410	9319	2.6	5.3	
1989	2010	2334	56	40020	46470	9231	2.7	5.0	
1990	1959	2180	56	45420	50550	10950	2.7	4.3	
1991	2488	2667	56	50540	54180	12290	2.8	4.9	
1992	2775	2894	56	55400	57770	11610	2.8	5.0	
1993	2900	2960	56	61880	63150	12860	2.8	4.7	
1994	3064	3064	56	68660	68660	13100 E	2.9	4.5	
Slovakia									
	E	E		E	E	E			
1993	843	860	33	34470	35190	16540	5.4	2.4	
1994	866	866	47	35520	35520	13830	5.4	2.4	
Slovenia									
				E	E				
1992	341 R	355 R	15	14680	15310	NA	2.0	2.3	
1993	195 R	199 R	12	15000	15310	NA	2.0	1.3	
1994	190 E	190 E	17	16000	16000	NA	2.0	1.2	
Somalia									
1984	17 E	23 E	43	549	761	84	6.2	3.0	
1985	NA	NA	43	615	821	NA	6.5	NA	
1986	21 E	27 E	50	645	838	89 E	6.8	3.2	
1987	NA	NA	50	709	894	NA	7.0	NA	
1988	NA	NA	47	729	884	NA	7.0	NA	
1989	10 E	12 E	47	754	875	NA	6.9	1.3	
1990	7 E	7 E	47	760	846	NA	6.8	0.9	
1991	NA	NA	NA	770	825	NA	6.6	NA	

1992	NA	NA	NA	664	692	NA	6.6	NA
1993	NA	NA	NA	674	688	NA	6.5	NA
1994	NA	NA	NA	647	647	0	6.7	NA

South Africa

1984	3278 E	4536 E	97	78510	108700	33480	33.7	4.2
1985	3016	4027	95	79850	106600	34760	34.6	3.8
1986	3167	4118	90	81960	106600	35770	35.6	3.9
1987	3761 E	4740 E	102	87170	109900	37820	36.5	4.3
1988	4022	4881	100	94600	114800	35030	37.5	4.3
1989	4344	5044	100	101200	117500	37830	38.5	4.3
1990	4444 E	4945 E	85	105000	116800	37420	39.5	4.2
1991	3849 E	4126 E	80	109100	117000	35930	40.6	3.5
1992	3254	3393	72	109700	114400	38590	41.7	3.0
1993	3482	3554	72	113900	116300	38790	42.8	3.1
1994	2899	2899	102	119500	119500	39110	43.9	2.4

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Soviet Union E

1984	263700	365000 E	3900	2028000	2807000	726600	276.3	13.0
1985	277200	370200	3900	2118000	2828000	739800	278.9	13.1
1986	287600	374000	3900	2250000	2926000	797100	281.5	12.8
1987	303000	381900	3900	2348000	2959000	831800	284.0	12.9
1988	319000	387200	3900	2507000	3043000	830600	286.4	12.7
1989	303000	351900	3700	2645000	3072000	809500 E	288.7	11.5
1990	292000	325000	3400	2660000	2960000	754800 E	290.9	11.0
1991	260000	278700	3000	2531000 E	2713000 E	NA	293.0	10.3

Spain

1984	6131	8486	342	258900	358400	126100	38.3	2.4
1985	6692	8937	314	276400	369100	128700	38.5	2.4
1986	6557	8526	314	293600	381800	130000	38.6	2.2
1987	7619	9603	314	320200	403600	140000	38.7	2.4
1988	7336	8903	304	349100	423600	146000	38.8	2.1
1989	7913	9189	277	382700	444400	154600	38.9	2.1
1990	7689	8557	263	414000	460800	159300	39.0	1.9
1991	7651	8201	246	439000	470600	167400	39.0	1.7
1992	7217	7526	198	453400	472800	124500	39.1	1.6
1993	8034	8199	204	458900	468300	137700	39.2	1.8
1994	7425	7425	213	477700	477700	133900	39.3	1.6

Sri Lanka

1984	85	117	17	5433	7519	2408	15.8	1.6
1985	169	226	22	5926	7913	2703	16.0	2.9
1986	155	201	22	6359	8269	2739	16.3	2.4
1987	204	257	22	6663	8398	2739	16.5	3.1
1988	327	397	22	7098	8614	2977	16.7	4.6
1989	328 E	381 E	22	7587	8811	2895	17.0	4.3
1990	404 E	449 E	22	8419	9370	2928	17.2	4.8
1991	442 E	474 E	22	9142	9799	3172	17.5	4.8
1992	369	385	22	9813	10230	2821	17.7	3.8
1993	524 E	535 E	22	10790	11020	3091	17.9	4.9
1994	525 E	525 E	23	11550	11550	3395	18.1	4.5

Sudan

1984	275 E	381 E	65	8511	11780	NA	22.6	3.2
1985	267 E	357 E	65	8356	11160	NA	23.5	3.2
1986	241 E	314 E	59	9010	11720	NA	24.2	2.7
1987	386 E	486 E	59	9708	12240	NA	24.8	4.0
1988	498 E	604 E	65	9549	11590	NA	25.2	5.2
1989	596 E	692 E	65	10820	12560	1124 E	25.8	5.5
1990	456 E	507 E	65	11290	12560	NA	26.5	4.0
1991	1235 E	1324 E	65	11970	12830	NA	27.4	10.3
1992	2345 E	2445 E	82	13710	14300	NA	28.1	17.1

1993	NA	NA	82	7912 E	8075 E	NA	28.7	NA
1994	NA	NA	82	NA	NA	1100 E	29.4	NA

Suriname

1984	19	26	2	755	1046	481	0.4	2.5
1985	20 E	27 E	2	764	1021	510	0.4	2.7
1986	20 E	26 E	3 E	787	1023	540	0.4	2.6
1987	NA	NA	4	793	999	499	0.4	NA
1988	27	33	4	902	1095	460	0.4	3.0
1989	26	30	4	990	1150	NA	0.4	2.6
1990	41 E	45 E	4	1044	1162	NA	0.4	3.9
1991	41 E	43 E	4	1118	1198	NA	0.4	3.6
1992	26	27	2	1196	1247	NA	0.4	2.2
1993	58	60	2	1185	1210	NA	0.4	4.9
1994	47 E	47 E	2	1200	1200	NA	0.4	3.9

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Swaziland

1984	7	10	3	456	631	180	0.7	1.6
1985	8	11	3	502	671	204	0.7	1.6
1986	8	11	3	538	700	202	0.7	1.6
1987	8	10	3	612	772	207	0.8	1.4
1988	9	10	3	705	855	196	0.8	1.2
1989	9	11	4	694	806	235	0.8	1.3
1990	14	15	3	836	931	233	0.9	1.6
1991	12	13	3	899	963	250	0.9	1.3
1992	15	15	3	904	942	320	0.9	1.6
1993	20	20	3	932	951	328	0.9	2.1
1994	16	16	3	967	967	390	0.9	1.7

Sweden

1984	3769	5216	69	125000	172900	82860	8.3	3.0
1985	3923	5239	69	132100	176400	86200	8.4	3.0
1986	3979	5174	66	139300	181200	84840	8.4	2.9
1987	4154	5235	66	148800	187500	81240	8.4	2.8
1988	4392	5331	65	157500	191200	82250	8.4	2.8
1989	4379	5085	62	167800	194900	82500	8.5	2.6
1990	4710	5242	65	176300	196200	87470	8.6	2.7
1991	5015	5375	63	181200	194300	89390	8.6	2.8
1992	4775	4979	45	182100	189900	93680	8.7	2.6
1993	5176	5283	44	180900	184600	103400	8.7	2.9
1994	5311	5311	70	188700	188700	99480	8.8	2.8

Switzerland

1984	3950	5467	25	163400	226200	45900	6.5	2.4
1985	4178 E	5580 E	23	175400	234200	NA	6.5	2.4
1986	4214 E	5480 E	21	183600	238800	NA	6.6	2.3
1987	4027 E	5076 E	20	192900	243100	NA	6.6	2.1
1988	4181 E	5074 E	23	207900	252300	NA	6.7	2.0
1989	4589 E	5329 E	17	224900	261200	NA	6.7	2.0
1990	4939 E	5497 E	22	238400	265400	NA	6.8	2.1
1991	4653 E	4988 E	22	247500	265300	NA	6.9	1.9
1992	4463 E	4654 E	31	252700	263600	NA	6.9	1.8
1993	4308 E	4397 E	31	256400	261700	NA	7.0	1.7
1994	4981 E	4981 E	39	267200	267200	NA	7.0	1.9

Syria

1984	E,d	E,d	402	38380	53120	28930 E	10.1	22.7
1985	8709	12050	402	42190	56340	29190 E	10.5	21.8
1986	9180	12260	400	41060	53390	18590	10.9	18.0
1987	7378	9595	400	41990	52920	15270	11.4	11.7
1988	4898	6173	400	49250	59770	14080	11.8	NA
1989	NA	NA	400	45290	52600	14300	12.2	14.3
1990	6476	7520	408	51390	57190	13200	12.8	14.6
1991	7526	8376						

1991	NA	NA	408	57430	61560	16690	13.3	NA
1992	NA	NA	408	NA	NA	NA	13.8	NA
1993	NA	NA	408	NA	NA	NA	14.3	NA
1994	NA	NA	320	NA	NA	NA	14.9	NA
Tajikistan	E	E		E	E			
1992	107	112	3 E	9625	10040	NA	5.7	1.1
1993	126	129	3	8128	8295	NA	5.8	1.6
1994	68	68	3	6882	6882	NA	6.0	1.0
	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG M9
Tanzania								
1984	33	45	43	1043	1443	336	21.0	3.1
1985	34	45	43	1090	1455	349	21.7	3.1
1986	NA	NA	40	1165	1515	307	22.3	NA
1987	40 E	51 E	40	1251	1577	343	23.0	3.2
1988	48 E	58 E	40	1351	1640	395	23.8	3.5
1989	63	73	40	1505	1748	491	24.5	4.2
1990	78 E	87 E	40	1656	1843	559	25.2	4.7
1991	NA	NA	40	1789	1918	679	25.9	NA
1992	82	86	46	1824	1902	699	26.6	4.5
1993	78	80	46	1907	1946	734	27.3	4.1
1994	69	69	50	2058	2058	952	28.0	3.3
Thailand								
1984	1684	2331	235	43440	60130	11770	50.9	3.9
1985	1974	2637	235	46820	62530	13380	51.8	4.2
1986	1915	2490	256	50580	65770	13360	52.7	3.8
1987	1902	2397	256	57270	72180	13160	53.6	3.3
1988	1933	2346	256	67450	81860	13150	54.5	2.9
1989	2050	2381	283	79350	92140	13510	55.4	2.6
1990	2276	2533	283	92450	102900	14830	56.2	2.5
1991	2602	2789	283	103800	111300	16440	57.1	2.5
1992	3020	3149	283	114800	119700	18560	57.9	2.6
1993	3624	3699	295	127500	130100	21080	58.7	2.8
1994	3777	3777	290	141500	141500	24060	59.5	2.7
Togo								
1984	14	20	7	615	851	317	3.0	2.3
1985	18	24	7	669	894	342	3.1	2.6
1986	21	27	7	711	924	359	3.2	2.9
1987	27	34	8	740	932	303	3.3	3.6
1988	NA	NA	6	822	998	220 E	3.4	NA
1989	30 E	34 E	6	899	1044	210 E	3.5	3.3
1990	29 E	33 E	8	947	1054	238 E	3.7	3.1
1991	29 E	31 E	8	974	1044	268 E	3.8	3.0
1992	27 E	28 E	6	967	1008	NA	4.0	2.8
1993	32 E	32 E	6	851	869	NA	4.1	3.7
1994	25 E	25 E	6	929	929	NA	4.3	2.7
Trinidad & Tob.								
1984	111 E	153 E	2	3695	5114	2586	1.2	3.0
1985	NA	NA	2	3658	4885	2152	1.2	NA
1986	NA	NA	2	3624	4712	1864	1.2	NA
1987	NA	NA	2	3554	4479	1738	1.2	NA
1988	NA	NA	2 E	3518	4270	1574	1.2	NA
1989	53	62	2	3564	4139	1406	1.2	1.5
1990	NA	NA	2	3748	4171	NA	1.3	NA
1991	NA	NA	2	4012	4301	1501	1.3	NA
1992	60 E	63 E	3	4073	4248	NA	1.3	1.5
1993	61 E	63 E	3	4174	4260	1567 E	1.3	1.5
1994	76 E	76 E	3	4412	4412	NA	1.3	1.7
Tunisia								

	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
1984		337	38	7601	10520	4514	7.0		3.2
1985	244	394 E	38	8232	10990	4463	7.2		3.6
1986	299 E	389 E	38	8299	10790	4705	7.4		3.6
1987	288 E	363 E	38	9109	11480	4374	7.6		3.2
1988	251	305	40	9479	11500	4298	7.8		2.7
1989	288	334	40	10090	11720	4498	7.9		2.9
1990	315	350	35	11460	12760	4894	8.1		2.7
1991	338	363	35	12390	13280	4618	8.2		2.7
1992	514	536	35	13820	14420	4757	8.4		3.7
1993	345	352	35	14410	14710	5717 E	8.6		2.4
1994	543	543	35	15210	15210	NA	8.7		3.6
Turkey									
1984	2774	3839	815	61090	84550	21820	49.8		4.5
1985	3069	4099	814	66800	89210	22860	51.0		4.6
1986	3623	4711	860	74040	96280	20960	52.2		4.9
1987	2869	3616	879	84700	106800	18680	53.4		3.4
1988	2674	3246	847	88930	107900	18370	54.6		3.0
1989	3013	3499	780	93870	109000	19000	55.9		3.2
1990	3815	4246	769	106800	118800	20930	57.1		3.6
1991	4231	4535	804	111200	119200	25380	58.4		3.8
1992	4763	4967	704	121600	126800	26450	59.6		3.9
1993	5321	5430	686	134200	136900	34270	60.9		4.0
1994	5293	5293	811	129000	129000	30480	62.2		4.1
Turkmenistan E									
1992	144	150	28	11800	12310	4098	3.8		1.2
1993	74	76	28	13000	13270	NA	3.9		0.6
1994	65	65	15	13100	13100	NA	4.0		0.5
Uganda									
1984	40	56	15	2047	2833	338	13.7		2.0
1985	37	50	15	2047	2734	321	14.2		1.8
1986	58	76	15	2126	2765	307	14.7		2.7
1987	135	170	25	2297	2896	269	15.2		5.9
1988	57	69	35	2576	3126	271	15.8		2.2
1989	60	70	40	2846	3305	272	16.4		2.1
1990	74	83	60	3147	3502	440	16.9		2.4
1991	110	118	60	3466	3715	743	17.4		3.2
1992	87	91	70	3639	3795	816	18.0		2.4
1993	71	72	70	4078	4163	787	18.6		1.7
1994	66	66	60	4414	4414	869	19.1		1.5
Ukraine E									
1992	NA	NA	438 E	238500	248800	180600	51.8		NA
1993	824	841	510	210100	214500	NA	51.8		0.4
1994	946	946	495	171400	171400	NA	51.8		0.6
Un. Arab Emir. E									
1984	1919 E	2656 E	44	28690	39710	4964	1.4		6.7
1985	1888 E	2522 E	44	28330	37830	5793	1.6		6.7
1986	1569	2041	44	22550	29320	4706	1.7		7.0
1987	1577	1987	44	24590	31000	4521	1.8		6.4
1988	1577	1913	43	24860	30180	4329	2.0		6.3
1989	1577	1831	43	28780	33420	4231	2.1		5.5
1990	2572 E	2863 E	66	35480	39480	4349	2.3		7.3
1991	4867 E	5216 E	66	35740	38310	4422	2.4	13.6	1
1992	2083	2172	55	36450	38010	4393	2.5		5.7
1993	2110	2154	55	36700	37460	4300	2.7		5.7
1994	1907	1907	60	NA	NA	NA	2.8		4.8

United Kingdom

1984	30740	42540	336	592800	820400	331800	56.5	5.2
1985	32530	43440	334	634700	847500	343600	56.6	5.1
1986	32980	42880	331	680400	884800	344400	56.8	4.8
1987	33510	42230	328	732500	923200	340100	56.9	4.6
1988	32840	39860	324	795900	966000	336400	57.1	4.1
1989	34660	40250	318	848700	985500	339000	57.2	4.1
1990	36300	40390	308	883300	983000	362000	57.4	4.1
1991	38700	41490	301	898700	963300	376900	57.6	4.3
1992	35750	37280	293	928700	968500	401600	57.8	3.8
1993	35080	35810	271	969600	989500	414300	58.0	3.6
1994	34050	34050	257	1027000	1027000	423900 E	58.1	3.3

United States

1984	237100	328100	2222	3802000	5261000	1241000	236.3	6.2
1985	258200	344800	2244	4054000	5413000	1340000	238.5	6.4
1986	280900	365300	2269	4278000	5563000	1347000	240.7	6.6
1987	288200	363200	2279	4544000	5728000	1333000	242.8	6.3
1988	293100	355700	2246	4908000	5957000	1357000	245.0	6.0
1989	304100	353100	2241	5267000	6116000	1382000	247.3	5.8
1990	306200	340700	2181	5568000	6197000	1451000	249.9	5.5
1991	280300	300400	2115	5741000	6153000	1535000	252.6	4.9
1992	305100	318200	1919	6026000	6284000	1508000	255.4	5.1
1993	297600	303800	1815	6348000	6479000	1523000	258.1	4.7
1994	288100	288100	1715	6727000	6727000	1532000	260.7	4.3

Uruguay

1984	232	321	30	7543	10440	2949	3.0	3.1
1985	230	307	30	7948	10610	2898	3.0	2.9
1986	245	319	30	9082	11810	3167	3.0	2.7
1987	202	254	28	10250	12920	3310	3.0	2.0
1988	236	286	29	10620	12890	3516	3.1	2.2
1989	276	321	27	11220	13030	3670	3.1	2.5
1990	294	327	25	11880	13220	3601	3.1	2.5
1991	283 E	303 E	25	12840	13760	3880	3.1	2.2
1992	312	326	25	13350	13930	4084	3.2	2.3
1993	292 E	298 E	25	14810	15110	5328	3.2	2.0
1994	412	412	25	15990	15990	5683	3.2	2.6

Uzbekistan

1992	NA	NA	40	57410	59870	25620	21.6	NA
1993	NA	NA	41	56680	57850	NA	22.1	NA
1994	375	375	20	53410	53410	NA	22.6	0.7

Venezuela

1984	777	1076	64	32190	44550	9997	16.1	2.4
1985	704	941	71	33420	44630	10240	16.6	2.1
1986	817	1062	66	37050	48180	11970	17.0	2.2
1987	1165	1468	69	39400	49660	12840	17.4	3.0
1988	899	1090	73	43350	52610	13000	17.9	2.1
1989	910	1057	75	40660	47220	9447	18.3	2.2
1990	940	1046	75	45810	50980	11670	18.8	2.1
1991	1978	2120	73	53090	56910	13670	19.2	3.7
1992	1486	1550	75	57050	59490	13710	19.7	2.6
1993	1029	1050	75	58160	59360	12690	20.1	1.8
1994	747	747	75	57710	57710	13430 E	20.6	1.3

MCD94 M94D FRC GCD94 G94D CG94D POP M94XG M9

Vietnam

1984	NA	NA	1227	NA	NA	NA	59.4	NA
1985	NA	NA	1027	NA	NA	NA	60.8	NA
1986	2406 E	3129 E	1260	12400 E	16120 E	3064 E	62.1	19.4 1
1987	NA	NA	1260	12600 E	15880 E	2636 E	63.6	NA
1988	NA	NA	1252	13200 E	16020 E	2948 E	65.0	NA

1989	NA	NA	1249	14200 E	16490 E	3084 E	66.3	NA
1990	723 E	804 E	1052	13900 E	15470 E	3032 E	67.7	5.2
1991	720 E	772 E	1041	15000 E	16080 E	1929 E	69.1	4.8
1992	NA	NA	857	16730 E	17450 E	2086 E	70.4	NA
1993	NA	NA	857	18490 E	18870 E	NA	71.8	NA
1994	435 E	435 E	857	20180 E	20180 E	4500 E	73.1	2.2

Yemen (Aden)	E	E						
1984	193	268	27	1394	1929	NA	2.1	13.9
1985	196	262	27	1367	1826	NA	2.2	14.3
1986	209	272	34 E	1180	1534	NA	2.3	17.7
1987	205	259	40	1224	1543	NA	2.4	16.8
1988	216	262	88	1250	1517	1053	2.4	17.3
1989g	232	269	88	1273	1479	NA	2.5	18.2

Yemen (Sanaa)								
1984	427	591	28	4477	6196	2040	6.0	9.5
1985	257	343	28	4845	6470	1216	6.2	5.3
1986	272	354	28 E	5286	6874	1290	6.3	5.2
1987	278	350	43	5650	7121	1602	6.5	4.9
1988	520	631	62	6269	7609	2102	6.7	8.3
1989	618	717	62	6233 E	7239 E	2411	6.9	9.9
1990g	1468	1634	127	12570	13990	5744	11.6	11.7
1991	1691 E	1812 E	127	12340	13220	6220	12.4	13.7
1992	1288 E	1343 E	64	12100	12610	6742	13.0	10.6
1993	1981	2022	64	12650	12910	6881	13.6	15.7
1994	2082	2082	69	14380	14380	NA	14.1	14.5

Yugoslavia								
1984	3193	4420	259	87620	121300	8879	23.0	3.6
1985	3360	4487	258	91230	121800	8181	23.1	3.7
1986	3861	5020	234	97750	127100	8370	23.3	3.9
1987	4083	5146	234	99300	125100	9342	23.4	4.1
1988	3821	4637	229	101800	123500	9528	23.6	3.8
1989	2991	3473	225	108100	125500	6527	23.7	2.8
1990	4238 E	4716 E	180	105200	117100	8578 E	23.8	4.0
1991	3608 E	3867 E	169	92860 E	99540 E	NA	23.9	3.9

	MCD94	M94D	FRC	GCD94	G94D	CG94D	POP	M94XG	M9
--	-------	------	-----	-------	------	-------	-----	-------	----

Zaire									
1984	110	152	60	5820	8055	1117	31.3	1.9	
1985	73	97	62	5975	7979	987	32.3	1.2	
1986	145	189	53	6601	8584	1037	33.3	2.2	
1987	NA	NA	53	7058	8896	NA	34.4	NA	
1988	205	249	51	7438	9027	1869	35.5	2.8	
1989	NA	NA	51	7630	8860	1249	36.7	NA	
1990	NA	NA	55	7832	8717	1677	37.9	NA	
1991	NA	NA	60	7240	7760	1604	39.1	NA	
1992	202	211	55	6736	7025	1313	40.2	3.0	
1993	245	250	55	6195 E	6322 E	983	41.3	4.0	
1994	117 E	117 E	53	5690 E	5690 E	265	42.7	2.1	

Zambia									
1984	146 E	203 E	16	2170	3003	1031	6.6	6.7	
1985	NA	NA	16	2052	2740	1143	6.8	NA	
1986	NA	NA	17	2051	2667	1493	7.1	NA	
1987	NA	NA	17	2328	2934	1212	7.4	NA	
1988	67 E	82 E	17	2505	3040	1037	7.7	2.7	
1989	84 E	98 E	17	2731	3171	922	8.0	3.1	
1990	76 E	85 E	16	2864	3187	874	8.2	2.7	
1991	NA	NA	16	2886	3093	1445	8.5	NA	
1992	45 E	47 E	16	2964	3091	956	8.7	1.5	
1993	56 E	57 E	16	3324	3393	480	8.9	1.7	
1994	39	39	16	3232	3232	814	9.2	1.2	

Zimbabwe									
1984	186	257	46	2796	3869	1718	8.4	6.7	
1985	178	237	46	3100	4140	1645	8.7	5.7	
1986	204	266	45	3217	4183	1701	9.0	6.4	
1987	250	315	45	3310	4172	1950	9.3	7.5	
1988	236	287	45	3725	4520	1917	9.6	6.3	
1989	255	296	51	4143	4811	1977	9.9	6.1	
1990	235	262	45	4435	4936	2011	10.2	5.3	
1991	262 E	281 E	45	4681	5018	2010	10.4	5.6	
1992	250 E	260 E	48	4547	4742	2193	10.7	5.5	
1993	209 E	213 E	48	4871	4972	1422 E	10.8	4.3	
1994	188 E	188 E	43	5086	5086	NA	11.0	3.7	

E Estimate based on partial or uncertain data. NA Not available. 0 Nil
R Rough Estimate (see Statistical Notes).

- a In order to reduce distortions in grouped data trends caused by data gaps for indi (shown as "NAs"), the totals for the world, regions, and organizations include rou
- b Estimated by adding arms imports to data on military expenditures, which are belie However, it should be noted that the value of arms deliveries in a given year, as at current exchange rates), may differ significantly from actual expenditures on a
- c This ratio is calculated from the dollar values in previos columns. In most cases that could be calculated from national currency values, since both numerator and d converted into dollars by the same exchange rate or other conversion factor. In t the two variables are converted at differing rates, yielding a different ratio tha The ratio for Russia in rubles terms, for examble, is believed to be less than 10 Notes, Military Expenditures-to-GNP Ratio for further discussion.
- d This series or entry probably omits a major share of total military expenditures, expenditures on arms procurement. Table II shows estimated annual arms imports; that data in Table II represent the estimated value of arms delivered in a given y those arms.
- e Unified Germany as of 1991 is shown under West Germany; data for East Germany end
- f Some part of estimated total military expenditures may not be included in announce The ratio of ME to CGE therefore may be somewhat overstated.
- g Unified Yemen as of 1990 is shown under Yemen (Sanaa); data for Yemen (Aden) end i

□&l6D
10/31/95

Table II. Value of Arms Transfers and Total Imports and exports, 1984-1994
By Region, Organization, and Country

Imports b dollars Constant	Arms Imports a Total Exports b Million dollars Million dollars Current Constant		Arms Exports a ArmImp ArmExp Million dollars / / Current Constant TtlImp c TtlExp c		Total Million Current
	1994		1994		
	%		%		
	1994	1994	1994	1994	
994	[ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE]	
TOTALSd					
WORLD	e	e			
1984	60120	83210	60020	83080	1969000
2726000	1919000	2655000	3.1	3.1	
1985	52570	70200	52700	70380	1987000
2653000	1937000	2587000	2.6	2.7	
1986	54710	71140	54850	71330	2150000
2796000	2123000	2760000	2.5	2.6	
1987	62370	78610	62520	78800	2520000
3176000	2473000	3117000	2.5	2.5	
1988	58950	71550	59120	71760	2868000
3481000	2800000	3399000	2.1	2.1	
1989	53300	61900	53670	62320	3097000
3596000	3007000	3492000	1.7	1.8	
1990	48860	54380	49570	55170	3528000
3926000	3394000	3777000	1.4	1.5	
1991	34530	37020	35160	37690	3524000
3777000	3411000	3656000	1.0	1.0	
1992	28550	29780	28650	29880	3716000
3876000	3615000	3770000	0.8	0.8	
1993	28110	28690	28100	28680	3672000
3747000	3612000	3686000	0.8	0.8	
1994	22110	22110	22290	22290	4138000
4138000	4057000	4057000	0.5	0.5	
DEVELOPED	e	e			
1984	14590	20200	54300	75150	1583000
2191000	1504000	2081000	0.9	3.6	
1985	15070	20120	49210	65720	1614000
2156000	1542000	2059000	0.9	3.2	
1986	15190	19760	51380	66820	1785000
2322000	1780000	2315000	0.9	2.9	
1987	18880	23800	57560	72550	2137000
2693000	2082000	2625000	0.9	2.8	
1988	18300	22220	52350	63530	2428000
2947000	2368000	2874000	0.8	2.2	
1989	18460	21440	49400	57370	2621000
3043000	2520000	2926000	0.7	2.0	
1990	15400	17140	47180	52510	3000000
3339000	2837000	3157000	0.5	1.7	
1991	12830	13760	33200	35590	2964000
3177000	2857000	3062000	0.4	1.2	
1992	10840	11310	27020	28180	3057000

3188000	2994000	3123000	0.4	0.9	
1993	12940	13210	26620	27170	2955000
3016000	2969000	3030000	0.4	0.9	
1994	9315	9315	20710	20710	3337000
3337000	3329000	3329000	0.3	0.6	

DEVELOPING

1984	45520	63010	5725	7924	386200
534400	415000	574300	11.8	1.4	
1985	37500	50080	3485	4654	372700
497700	395700	528500	10.1	0.9	
1986	39510	51380	3470	4512	365100
474700	342300	445100	10.8	1.0	
1987	43480	54810	4955	6245	383200
483000	390600	492300	11.3	1.3	
1988	40650	49330	6775	8222	440600
534800	432000	524200	9.2	1.6	
1989	34830	40450	4270	4959	476000
552800	487200	565700	7.3	0.9	
1990	33460	37240	2390	2660	527400
586900	557000	619900	6.3	0.4	
1991	21700	23260	1965	2106	560100
600400	554000	593800	3.9	0.4	
1992	17710	18470	1635	1705	659600
687900	620500	647100	2.7	0.3	
1993	15170	15490	1475	1505	716400
731200	642800	656000	2.1	0.2	
1994	12790	12790	1580	1580	801500
801500	727800	727800	1.6	0.2	

BY REGIONd

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
AFRICA					
1984	7765	10750	50	69	70220
97180	77460	107200	11.1	0.1	
1985	5425	7245	190	254	61770
82490	76860	102600	8.8	0.2	
1986	4985	6482	110	143	60150
78220	63100	82060	8.3	0.2	
1987	6865	8652	90	113	62750
79090	74310	93660	10.9	0.1	
1988	6315	7664	190	231	71710
87030	71850	87200	8.8	0.3	
1989	4720	5481	270	314	74480
86490	80080	92990	6.3	0.3	
1990	2600	2894	120	134	84610
94160	102200	113700	3.1	0.1	
1991	1345	1442	30	32	85440
91580	95060	101900	1.6	0.0	
1992	620	647	105	109	92290
96240	95750	99850	0.7	0.1	
1993	565	577	160	163	86910
88700	87800	89610	0.7	0.2	
1994	1170	1170	60	60	91780
91780	88320	88320	1.3	0.1	
NORTH AFRICA					
1984	3130	4332	50	69	24170
33460	27810	38480	12.9	0.2	
1985	2500	3339	90	120	20550
27440	27670	36950	12.2	0.3	
1986	2015	2620	70	91	20100

26130	19760	25700	10.0	0.4		
1987	1770	2231		70	88	18650
23500	21240	26770	9.5	0.3		
1988	2025	2458		60	73	21660
26290	20790	25240	9.3	0.3		
1989	1865	2166		40	46	24000
27870	23840	27690	7.8	0.2		
1990	950	1057		60	67	27390
30490	33950	37780	3.5	0.2		
1991	630	675		20	21	24960
26760	31820	34100	2.5	0.1		
1992	195	203		10	10	27370
28540	29080	30330	0.7	0.0		
1993	110	112		0	0	25880
26410	26070	26610	0.4	0.0		
1994	320	320		0	0	26920
26920	24920	24920	1.2	0.0		

SUBSAHARAN_AFRICA

1984	4625	6401		0	0	29810
41260	32300	44710	15.5	0.0		
1985	2905	3879		10	13	29750
39730	32660	43610	9.8	0.0		
1986	2950	3836		10	13	27070
35200	24880	32360	10.9	0.0		
1987	5055	6371		0	0	28770
36270	29530	37210	17.6	0.0		
1988	4280	5194		0	0	31290
37980	29500	35810	13.7	0.0		
1989	2755	3199		30	35	31980
37140	34050	39540	8.6	0.1		
1990	1650	1836		10	11	38810
43200	44690	49730	4.3	0.0		
1991	625	670		0	0	41640
44640	39940	42810	1.5	0.0		
1992	425	443		5	5	45150
47080	43260	45110	0.9	0.0		
1993	455	464		0	0	41020
41860	37470	38240	1.1	0.0		
1994	830	830		10	10	41480
41480	38410	38410	2.0	0.0		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

CENTRAL_ASIA&CAUC

1992	0	0		30	31	8628
8997	8823	9201	0.0	0.3		
1993	90	92		10	10	8063
8229	8031	8196	1.1	0.1		
1994	100	100		20	20	11180
11180	8923	8923	0.9	0.2		

EAST_ASIA

1984	5690	7875		3525	4879	293500
406200	336800	466200	1.9	1.0		
1985	6065	8099		1455	1943	293500
392000	339800	453800	2.1	0.4		
1986	6020	7828		1925	2503	294700
383300	387100	503400	2.0	0.5		
1987	7925	9988		2850	3592	355500
448000	458400	577700	2.2	0.6		
1988	7000	8496		4315	5237	454900
552100	542200	658100	1.5	0.8		

1989	6695	7775	3160	3670	516700
600100	580700	674400	1.3	0.5	
1990	5790	6444	1975	2198	579700
645200	627700	698600	1.0	0.3	
1991	5310	5692	1690	1811	631600
677000	699900	750200	0.8	0.2	
1992	4575	4771	1135	1184	670400
699000	766300	799100	0.7	0.1	
1993	3860	3940	1320	1347	737800
753000	834200	851400	0.5	0.2	
1994	3975	3975	980	980	857700
857700	968300	968300	0.5	0.1	

MIDDLE_EAST

1984	26350	36470	835	1156	116300
161000	111500	154300	22.7	0.7	
1985	20240	27030	805	1075	94360
126000	101400	135500	21.4	0.8	
1986	20310	26420	950	1235	87640
114000	80840	105100	23.2	1.2	
1987	22700	28610	900	1134	87340
110100	87230	109900	26.0	1.0	
1988	19540	23720	1170	1420	96120
116600	87240	105900	20.3	1.3	
1989	15800	18350	1335	1550	99290
115300	110200	128000	15.9	1.2	
1990	17640	19640	400	445	107500
119700	135000	150200	16.4	0.3	
1991	13050	13990	470	504	118700
127300	124300	133200	11.0	0.4	
1992	12910	13460	335	349	136500
142400	139600	145600	9.5	0.2	
1993	11970	12220	365	373	128900
131600	133300	136100	9.3	0.3	
1994	9050	9050	740	740	141900
141900	133000	133000	6.4	0.6	

SOUTH_ASIA

1984	2750	3806	380	526	26780
37070	15630	21640	10.3	2.4	
1985	3715	4961	50	67	28160
37610	14920	19930	13.2	0.3	
1986	4940	6424	45	59	27100
35240	15610	20300	18.2	0.3	
1987	4830	6088	10	13	28890
36420	18620	23470	16.7	0.1	
1988	6270	7610	20	24	32760
39760	21280	25820	19.1	0.1	
1989	7480	8686	30	35	35010
40660	23870	27720	21.4	0.1	
1990	6150	6844	60	67	39030
43440	27740	30870	15.8	0.2	
1991	3185	3414	55	59	36790
39430	28440	30490	8.7	0.2	
1992	1145	1194	30	31	41840
43640	32080	33450	2.7	0.1	
1993	835	852	15	15	41930
42800	34050	34760	2.0	0.0	
1994	540	540	35	35	46730
46730	38990	38990	1.2	0.1	

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

EUROPE_ALL

1984	10350	14320	39420	54560	930600
1288000	927300	1283000	1.1	4.3	
1985	9885	13200	35350	47210	968600
1294000	964000	1287000	1.0	3.7	
1986	11720	15240	38020	49450	1104000
1435000	1144000	1487000	1.1	3.3	
1987	12620	15910	40460	51000	1348000
1699000	1353000	1705000	0.9	3.0	
1988	11350	13780	37730	45790	1504000
1825000	1487000	1805000	0.8	2.5	
1989	12620	14660	31690	36810	1605000
1863000	1561000	1812000	0.8	2.0	
1990	10490	11670	29900	33280	1916000
2133000	1802000	2005000	0.5	1.7	
1991	6395	6855	18120	19430	1842000
1975000	1736000	1861000	0.3	1.0	
1992	5200	5423	11990	12500	1879000
1960000	1807000	1884000	0.3	0.7	
1993	6060	6185	11520	11760	1707000
1742000	1715000	1751000	0.4	0.7	
1994	3660	3660	7710	7710	1887000
1887000	1925000	1925000	0.2	0.4	

WESTERN EUROPE

1984	5270	7294	15860	21960	761600
1054000	743500	1029000	0.7	2.1	
1985	4975	6644	13610	18180	794000
1060000	785000	1048000	0.6	1.7	
1986	5020	6528	11970	15570	912500
1187000	949100	1234000	0.6	1.3	
1987	7320	9226	12960	16330	1145000
1443000	1138000	1435000	0.6	1.1	
1988	7355	8926	11990	14550	1286000
1560000	1261000	1530000	0.6	1.0	
1989	9350	10860	10420	12100	1386000
1609000	1343000	1560000	0.7	0.8	
1990	7800	8681	12900	14360	1678000
1867000	1617000	1799000	0.5	0.8	
1991	6155	6597	10200	10940	1702000
1825000	1610000	1726000	0.4	0.6	
1992	5165	5386	9340	9740	1770000
1846000	1700000	1773000	0.3	0.5	
1993	4845	4945	8060	8226	1563000
1596000	1581000	1614000	0.3	0.5	
1994	3375	3375	5815	5815	1729000
1729000	1769000	1769000	0.2	0.3	

EASTERN EUROPE

1984	5080	7031	23550	32600	169000
233900	183800	254400	3.0	12.8	
1985	4910	6557	21730	29030	174600
233200	179000	239000	2.8	12.1	
1986	6700	8712	26050	33870	191300
248800	194800	253300	3.5	13.4	
1987	5305	6686	27500	34670	203300
256200	214500	270300	2.6	12.8	
1988	4000	4855	25740	31240	218200
264800	226200	274500	1.8	11.4	
1989	3270	3797	21270	24710	219000
254300	217600	252700	1.5	9.8	
1990	2690	2994	17000	18920	238500
265400	185000	205900	1.1	9.2	
1991	240	257	7920	8489	140100
150100	125900	135000	0.2	6.3	

1992	35	36	2650	2763	109200
113900	106800	111400	0.0	2.5	
1993	1215	1240	3460	3531	143100
146100	134300	137000	0.8	2.6	
1994	285	285	1895	1895	158100
158100	155800	155800	0.2	1.2	

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
-------	-------------	---------------	-------------	--------------	------

CENTRAL_AMERICA&CAR

1984	2010	2782	20	28	20450
28310	14840	20540	9.8	0.1	
1985	2920	3899	5	7	20600
27510	14710	19650	14.2	0.0	
1986	2450	3186	0	0	19980
25980	14050	18270	12.3	0.0	
1987	2570	3239	0	0	19750
24900	12890	16250	13.0	0.0	
1988	2555	3101	230	279	19510
23680	13330	16180	13.1	1.7	
1989	1740	2021	5	6	21750
25260	13770	16000	8.0	0.0	
1990	1610	1792	0	0	20990
23360	13660	15210	7.7	0.0	
1991	735	788	0	0	18740
20080	12550	13450	3.9	0.0	
1992	190	198	40	42	19590
20430	11200	11680	1.0	0.4	
1993	180	184	5	5	20420
20840	10640	10860	0.9	0.0	
1994	125	125	0	0	21130
21130	11780	11780	0.6	0.0	

NORTH_AMERICA (NAFTA)

1984	1940	2685	14960	20700	435900
603400	338700	468700	0.4	4.4	
1985	1980	2644	14180	18940	447100
597100	331900	443200	0.4	4.3	
1986	2160	2809	13360	17370	479800
623900	333800	434100	0.5	4.0	
1987	2700	3403	17230	21720	529800
667700	373200	470300	0.5	4.6	
1988	3060	3714	14330	17400	591800
718300	460300	558600	0.5	3.1	
1989	2080	2415	16730	19430	637200
739900	508700	590700	0.3	3.3	
1990	2100	2337	16940	18860	670200
745900	548400	610300	0.3	3.1	
1991	2240	2401	14670	15720	671300
719500	576200	617600	0.3	2.5	
1992	2120	2211	14720	15350	731300
762700	610300	636400	0.3	2.4	
1993	1610	1643	14590	14900	792600
809000	640200	653400	0.2	2.3	
1994	1350	1350	12650	12650	905800
905800	712600	712600	0.1	1.8	

SOUTH_AMERICA

1984	2300	3183	765	1059	41880
57960	66550	92110	5.5	1.1	
1985	1040	1389	520	694	39490
52740	64100	85600	2.6	0.8	
1986	900	1170	390	507	43490

56560	54370	70700	2.1	0.7		
1987	1120	1412		890	1122	49650
62580	60280	75970	2.3	1.5		
1988	1275	1547		1050	1274	52350
63530	73300	88970	2.4	1.4		
1989	1130	1312		340	395	51890
60260	81110	94190	2.2	0.4		
1990	620	690		105	117	56700
63100	86590	96360	1.1	0.1		
1991	780	836		85	91	66820
71620	84940	91050	1.2	0.1		
1992	470	490		210	219	81480
84970	89370	93200	0.6	0.2		
1993	305	311		70	71	91280
93160	92360	94260	0.3	0.1		
1994	340	340		80	80	107000
107000	107400	107400	0.3	0.1		

OCEANIA

1984	715	990		70	97	33680
46620	29820	41280	2.1	0.2		
1985	1040	1389		140	187	33330
44510	29610	39540	3.1	0.5		
1986	1060	1378		50	65	33680
43800	29810	38760	3.1	0.2		
1987	835	1052		80	101	38140
48070	35190	44350	2.2	0.2		
1988	1400	1699		85	103	45290
54970	43630	52950	3.1	0.2		
1989	935	1086		100	116	55830
64830	47900	55620	1.7	0.2		
1990	650	723		60	67	52730
58680	51000	56760	1.2	0.1		
1991	380	407		40	43	52330
56090	53250	57080	0.7	0.1		
1992	370	386		60	63	55110
57470	54860	57210	0.7	0.1		
1993	390	398		40	41	57150
58320	56160	57310	0.7	0.1		
1994	440	440		20	20	67590
67590	62940	62940	0.7	0.0		

BY ORGANIZATIONd

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
OECD					
1984	8975	12420	31160	43130	1353000
1873000	1256000	1738000	0.7	2.5	
1985	8955	11960	28060	37470	1389000
1855000	1300000	1736000	0.6	2.2	
1986	8955	11640	25540	33220	1539000
2001000	1505000	1957000	0.6	1.7	
1987	11680	14730	30380	38300	1848000
2330000	1755000	2212000	0.6	1.7	
1988	12540	15220	26780	32500	2087000
2533000	2006000	2435000	0.6	1.3	
1989	13920	16170	27420	31850	2260000
2625000	2148000	2494000	0.6	1.3	
1990	11630	12940	29960	33340	2602000
2896000	2474000	2753000	0.4	1.2	
1991	10100	10830	24900	26700	2620000
2809000	2524000	2706000	0.4	1.0	

1992	8310	8666	24110	25140	2737000
2854000	2673000	2788000	0.3	0.9	
1993	7350	7501	22680	23150	2601000
2654000	2605000	2659000	0.3	0.9	
1994	5735	5735	18470	18470	2912000
2912000	2902000	2902000	0.2	0.6	

OPEC

1984	24170	33460	110	152	125600
173800	169300	234300	19.2	0.1	
1985	17750	23700	135	180	103300
138000	156000	208300	17.2	0.1	
1986	18790	24430	175	228	92400
120200	112300	146100	20.3	0.2	
1987	16990	21410	100	126	91800
115700	122200	154100	18.5	0.1	
1988	17090	20750	175	212	102900
124800	120700	146500	16.6	0.1	
1989	13560	15750	145	168	106700
123900	148500	172400	12.7	0.1	
1990	15380	17120	90	100	115700
128800	192200	213900	13.3	0.0	
1991	11390	12210	65	70	133600
143300	178800	191600	8.5	0.0	
1992	10620	11080	45	47	150100
156500	192100	200300	7.1	0.0	
1993	9260	9451	35	36	137400
140300	182700	186500	6.7	0.0	
1994	6320	6320	240	240	143400
143400	185600	185600	4.4	0.1	

NATO

1984	6675	9238	29540	40880	1087000
1505000	963200	1333000	0.6	3.1	
1985	6245	8340	27110	36200	1123000
1500000	995200	1329000	0.6	2.7	
1986	6240	8114	24490	31850	1252000
1628000	1140000	1482000	0.5	2.1	
1987	9180	11570	28970	36510	1503000
1895000	1337000	1685000	0.6	2.2	
1988	9855	11960	25050	30400	1682000
2041000	1528000	1854000	0.6	1.6	
1989	10580	12290	26200	30430	1809000
2101000	1649000	1915000	0.6	1.6	
1990	9040	10060	29300	32610	2095000
2332000	1924000	2141000	0.4	1.5	
1991	7765	8323	24350	26110	2123000
2276000	1953000	2093000	0.4	1.2	
1992	6450	6726	23250	24250	2241000
2337000	2064000	2152000	0.3	1.1	
1993	5855	5976	22390	22860	2116000
2160000	1989000	2030000	0.3	1.1	
1994	4505	4505	18210	18210	2352000
2352000	2208000	2208000	0.2	0.8	

BY REFERENCE GROUPd

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
FORMER_WPACT			f	f	
1984	4980	6892	22930	31740	156800
217000	173300	239900	3.2	13.2	
1985	4870	6503	21280	28420	162100
216400	168000	224300	3.0	12.7	

1986	6680	8686	25740	33470	179200
233000	184200	239500	3.7	14.0	
1987	4680	5898	27170	34250	190400
240000	202800	255600	2.5	13.4	
1988	3950	4794	25490	30940	204700
248400	213300	258800	1.9	12.0	
1989	3150	3658	21050	24450	203800
236700	203800	236700	1.5	10.3	
1990	2680	2983	16720	18610	219200
243900	170500	189700	1.2	9.8	
1991	240	257	7840	8404	124900
133800	111800	119800	0.2	7.0	
1992	35	36	2580	2690	105700
110300	104100	108500	0.0	2.5	
1993	1285	1311	3470	3542	136700
139500	130500	133200	0.9	2.7	
1994	235	235	1905	1905	152800
152800	150900	150900	0.2	1.3	

NATO EUROPE

1984	4505	6235	14590	20190	663200
917900	649000	898200	0.7	2.2	
1985	4035	5388	12930	17270	689800
921100	685500	915400	0.6	1.9	
1986	4030	5240	11140	14490	784000
1020000	822300	1069000	0.5	1.4	
1987	6540	8243	11740	14800	986300
1243000	984600	1241000	0.7	1.2	
1988	6685	8113	10720	13020	1109000
1347000	1088000	1321000	0.6	1.0	
1989	8495	9865	9475	11000	1196000
1389000	1163000	1351000	0.7	0.8	
1990	6940	7724	12380	13780	1455000
1619000	1403000	1561000	0.5	0.9	
1991	5475	5869	9705	10400	1490000
1597000	1404000	1505000	0.4	0.7	
1992	4360	4547	8550	8916	1558000
1625000	1481000	1545000	0.3	0.6	
1993	4215	4302	7820	7981	1374000
1402000	1379000	1407000	0.3	0.6	
1994	3175	3175	5585	5585	1507000
1507000	1530000	1530000	0.2	0.4	

LATIN AMERICA

1984	4330	5993	795	1100	74120
102600	105800	146400	5.8	0.8	
1985	3990	5328	535	714	74080
98930	100900	134800	5.4	0.5	
1986	3460	4499	400	520	75470
98140	84760	110200	4.6	0.5	
1987	3950	4978	900	1134	82140
103500	94050	118500	4.8	1.0	
1988	3900	4733	1290	1566	91450
111000	107400	130400	4.3	1.2	
1989	2960	3437	355	412	98080
113900	117900	136900	3.0	0.3	
1990	2340	2604	125	139	107700
119800	127400	141800	2.2	0.1	
1991	1575	1688	105	113	123700
132600	124800	133800	1.3	0.1	
1992	770	803	270	282	149200
155600	128300	133800	0.5	0.2	
1993	505	515	95	97	161800
165200	133200	136000	0.3	0.1	
1994	545	545	100	100	189100

189100	153700	153700	0.3	0.1		
CIS						
1992	5	5	2330	2430	53250	
55530	58340	60840	0.0	4.0		
1993	90	92	3160	3225	71810	
73290	78690	80310	0.1	4.0		
1994	100	100	1460	1460	78440	
78440	87910	87910	0.1	1.7		

Table II. Value of Arms Transfers and Total Imports and exports, 1984-1994
By Region, Organization, and Country

Importsb	Arms Importsa		Arms Exportsa		Total
	Total	Exportsb	ArmImp	ArmExp	
dollars	Million dollars		Million dollars		Million
Constant	Current	Constant	Current	Constant	Current
	1994	1994	TtlImp	TtlExpc	1994
994	1994	%	%		1

BY COUNTRY

TI94D	ICD	I94D	ECD	E94D	TICD
	TECD	TE94D	IXTI	EXTE	
Afghanistan					
1984	650	900 ^c	0	0	1390
1924	633	876	46.8	0.0	
1985	650	868	0	0	1194
1594	567	757	54.4	0.0	
1986	1300	1690	0	0	1404
1826	552	718	92.6	0.0	
1987	1400	1764	0	0	996
1255	512	645	140.6	0.0	
1988	2600	3155	0	0	900
1092	395	479	288.9	0.0	
1989	3800	4413	0	0	822
955	236	274	462.3	0.0	
1990	3500	3895	0	0	936
1042	235	262	373.8	0.0	
1991	1900	2037	0	0	616
660	188	202	308.4	0.0	
1992	0	0	0	0	NA
NA	NA	NA	0.0	0.0	
1993	0	0	0	0	NA
NA	NA	NA	0.0	0.0	
1994	20	20	20	20	NA
NA	NA	NA	NA	NA	
Albania					
1984	0	0	0	0	NA
NA	NA	NA	0.0	0.0	
1985	0	0	0	0	335
447	345	461	0.0	0.0	
1986	0	0	0	0	363
472	273 E	355 E	0.0	0.0	
1987	0	0	0	0	255 E

321 E	230 E	290 E	0.0	0.0		
1988	0	0	0	0	0	276 E
335 E	257 E	312 E	0.0	0.0		
1989	0	0	0	0	0	340 E
395 E	305 E	354 E	0.0	0.0		
1990	0	0	0	0	0	444 E
494 E	222 E	247 E	0.0	0.0		
1991	0	0	0	0	0	467 E
501 E	168 E	180 E	0.0	0.0		
1992	0	0	0	0	0	655 E
683 E	174 E	181 E	0.0	0.0		
1993	0	0	0	0	0	629 E
642 E	117 E	119 E	0.0	0.0		
1994	0	0	0	0	0	NA
NA	NA	NA	0.0	0.0		

Algeria

1984	750	1038		20	28	10290
14240	12800	17710	7.3	0.2		
1985	500	668		0	0	9841
13140	12840	17150	5.1	0.0		
1986	625	813		0	0	9228
12000	7832	10180	6.8	0.0		
1987	700	882		0	0	7042
8875	8225	10370	9.9	0.0		
1988	825	1001		0	0	7342
8911	8134	9872	11.2	0.0		
1989	625	726		0	0	9210
10700	9570	11110	6.8	0.0		
1990	310	345		0	0	9715
10810	12930	14390	3.2	0.0		
1991	130	139		0	0	7538
8080	12570	13470	1.7	0.0		
1992	5	5		0	0	8573
8940	11130	11610	0.1	0.0		
1993	20	20		0	0	7770
7930	10230	10440	0.3	0.0		
1994	140	140		0	0	9230 E
9230 E	9100	9100	1.5	0.0		

Angola

1984	1500	2076		0	0	774
1071	2033	2814	193.8	0.0		
1985	800	1068		0	0	678
905	2245	2998	118.0	0.0		
1986	1300	1690		0	0	625
813	1332	1732	208.0	0.0		
1987	2700	3403		0	0	447
563	2168	2732	604.0	0.0		
1988	2400	2913		0	0	998
1211	2516	3054	240.5	0.0		
1989	825	958		0	0	1150
1335	3015	3501	71.7	0.0		
1990	525	584		0	0	1577
1755	3944	4389	33.3	0.0		
1991	50	54		0	0	1909 E
2046 E	3449	3697	2.6	0.0		
1992	40	42		0	0	1600 E
1668 E	3788	3950	2.5	0.0		
1993	240	245		0	0	2046 E
2088 E	3182 E	3248 E	11.7	0.0		
1994	600	600		0	0	NA
NA	NA	NA	30.0	0.0		

TI94D	ICD TECD	I94D TE94D	IXTI	ECD EXTE	E94D	TICD
Argentina						
1984	490	678		120	166	4585
6346	8107	11220	10.7	1.5		
1985	210	280		80	107	3814
5093	8396	11210	5.5	1.0		
1986	200	260		40	52	4724
6143	6852	8910	4.2	0.6		
1987	180	227		70	88	5818
7333	6360	8016	3.1	1.1		
1988	330	401		70	85	5322
6459	9135	11090	6.2	0.8		
1989	50	58		60	70	4203
4881	9579	11120	1.2	0.6		
1990	20	22		20	22	4076
4536	12350	13750	0.5	0.2		
1991	10	11		5	5	8275
8870	11980	12840	0.1	0.0		
1992	10	10		5	5	14870
15510	12230	12760	0.1	0.0		
1993	20	20		10	10	16780
17130	13120	13390	0.1	0.1		
1994	10	10		0	0	21530
21530	15660	15660	0.0	0.0		
Armenia						
1992	0	0		0	0	328
342	256	267	0.0	0.0		
1993	0	0		0	0	191
195	57	58	0.0	0.0		
1994	10	10		0	0	345
345	196	196	2.9	0.0		
Australia						
1984	625	865		70	97	25920
35870	23160	32050	2.4	0.3		
1985	950	1269		140	187	25890
34570	22740	30370	3.7	0.6		
1986	1000	1300		50	65	26100
33940	22620	29410	3.8	0.2		
1987	775	977		80	101	29320
36950	26520	33420	2.6	0.3		
1988	1300	1578		80	97	36090
43810	33070	40140	3.6	0.2		
1989	825	958		100	116	44930
52180	37120	43110	1.8	0.3		
1990	600	668		60	67	41290
45950	39750	44240	1.5	0.2		
1991	290	311		40	43	41690
44690	41850	44860	0.7	0.1		
1992	230	240		60	63	43810
45680	42820	44660	0.5	0.1		
1993	330	337		40	41	45580
46520	42720	43600	0.7	0.1		
1994	430	430		20	20	53430
53430	47570	47570	0.8	0.0		
Austria						
1984	30	42		220	304	19630
27170	15740	21780	0.2	1.4		
1985	30	40		160	214	20990
28020	17240	23020	0.1	0.9		
1986	10	13		280	364	26860

34930	22510	29270	0.0	1.2		
1987	20	25	80	101	32720	
41240	27170	34240	0.1	0.3		
1988	90	109	90	109	36220	
43960	31030	37660	0.2	0.3		
1989	110	128	110	128	38980	
45270	31900	37050	0.3	0.3		
1990	40	45	160	178	49150	
54700	41260	45920	0.1	0.4		
1991	50	54	130	139	50810	
54470	41110	44070	0.1	0.3		
1992	50	52	110	115	54110	
56430	47270	49290	0.1	0.2		
1993	5	5	50	51	48580	
49580	40170	41000	0.0	0.1		
1994	10	10	50	50	55340	
55340	45210	45210	0.0	0.1		

Azerbaijan

1992	0	0	0	0	875	
913	1284	1338	0.0	0.0		
1993	10	10	0	0	490	
500	626	639	2.0	0.0		
1994	60	60	0	0	781	
781	621	621	7.7	0.0		

Bahrain

1984	40	55	0	0	3531	
4887	3204	4434	1.1	0.0		
1985	60	80	0	0	3159	
4219	2897	3869	1.9	0.0		
1986	40	52	0	0	2405	
3127	2199	2860	1.7	0.0		
1987	290	366	0	0	2714	
3421	2430	3063	10.7	0.0		
1988	100	121	0	0	2593	
3147	2411	2926	3.9	0.0		
1989	90	105	0	0	3134	
3639	2831	3288	2.9	0.0		
1990	290	323	0	0	3711	
4130	3761	4186	7.8	0.0		
1991	50	54	0	0	4115	
4411	3513	3766	1.2	0.0		
1992	130	136	0	0	4263	
4445	3464	3612	3.0	0.0		
1993	60	61	0	0	3858	
3938	3710	3786	1.6	0.0		
1994	80	80	0	0	3737	
3737	2656	2656	2.1	0.0		

	ICD	I94D	ECD	E94D	TICD	
TI94D	TECD	TE94D	IXTI	EXTE		

Bangladesh

1984	30	42	40	55	2825	
3910	931	1289	1.1	4.3		
1985	60	80	0	0	2772	
3702	999	1334	2.2	0.0		
1986	70	91	0	0	2486	
3233	887	1153	2.8	0.0		
1987	50	63	0	0	2680	
3378	1067	1345	1.9	0.0		
1988	50	61	0	0	3046	
3697	1291	1567	1.6	0.0		
1989	120	139	0	0	3648	

4236	1305	1515	3.3	0.0		
1990	30	33		0	0	3598
4004	1671	1860	0.8	0.0		
1991	80	86		0	0	3401
3645	1689	1810	2.4	0.0		
1992	40	42		0	0	3888
4054	2098	2188	1.0	0.0		
1993	30	31		0	0	4001
4083	2272	2319	0.7	0.0		
1994	10	10		0	0	4701
4701	2650	2650	0.2	0.0		

Barbados

1984	0	0		0	0	657
909	390	540	0.0	0.0		
1985	0	0		0	0	607
811	352	470	0.0	0.0		
1986	5	7		0	0	587
763	275	358	0.9	0.0		
1987	20	25		0	0	515
649	154	194	3.9	0.0		
1988	0	0		0	0	582
706	173	210	0.0	0.0		
1989	0	0		0	0	673
782	186	216	0.0	0.0		
1990	0	0		0	0	700
779	209	233	0.0	0.0		
1991	0	0		0	0	694
744	205	220	0.0	0.0		
1992	0	0		0	0	521
543	191	199	0.0	0.0		
1993	0	0		0	0	574
586	179	183	0.0	0.0		
1994	0	0		0	0	608
608	181	181	0.0	0.0		

Belarus

1992	0	0		0	0	2929
3054	3064	3195	0.0	0.0		
1993	0	0		0	0	4654
4750	3659	3734	0.0	0.0		
1994	0	0		0	0	4296
4296	2413	2413	0.0	0.0		

Belgium

1984	470	650		390	540	55460
76760	51890	71820	0.8	0.8		
1985	340	454		390	521	56180
75030	53740	71760	0.6	0.7		
1986	210	273		210	273	68600
89210	68820	89490	0.3	0.3		
1987	230	290		80	101	83230
104900	83100	104700	0.3	0.1		
1988	320	388		70	85	92440
112200	92130	111800	0.3	0.1		
1989	280	325		50	58	98470
114400	100000	116100	0.3	0.0		
1990	280	312		190	211	119700
133200	117700	131000	0.2	0.2		
1991	300	322		80	86	120200
128800	118200	126700	0.2	0.1		
1992	100	104		390	407	125000
130400	123100	128400	0.1	0.3		
1993	320	327		50	51	NA
NA	NA	NA	NA	NA		

1994	40	40	30	30	NA
NA	NA	NA	NA	NA	
Belize					
1984	0	0	0	0	130
180	93	129	0.0	0.0	
1985	0	0	0	0	128
171	90	120	0.0	0.0	
1986	0	0	0	0	122
159	93	121	0.0	0.0	
1987	0	0	0	0	143
180	87	110	0.0	0.0	
1988	0	0	0	0	181
220	95	115	0.0	0.0	
1989	0	0	0	0	216
251	94	109	0.0	0.0	
1990	0	0	0	0	211
235	105	117	0.0	0.0	
1991	0	0	0	0	251
269	102	109	0.0	0.0	
1992	0	0	0	0	273
285	116	121	0.0	0.0	
1993	0	0	0	0	281
287	115	117	0.0	0.0	
1994	0	0	0	0	260
260	119	119	0.0	0.0	

TI94D	ICD TECD	I94D TE94D	IXTI	ECD EXTE	E94D	TICD
Benin						
1984	10	14		0	0	288
399	167	231	3.5	0.0		
1985	10	13		0	0	331
442	150	200	3.0	0.0		
1986	10	13		0	0	387
503	103	134	2.6	0.0		
1987	0	0		0	0	349
440	114	144	0.0	0.0		
1988	10	12		0	0	326
396	71	86	3.1	0.0		
1989	0	0		0	0	207
240	97	113	0.0	0.0		
1990	5	6		0	0	265
295	122	136	1.9	0.0		
1991	0	0		0	0	241
258	21	23	0.0	0.0		
1992	0	0		0	0	440
459	63	66	0.0	0.0		
1993	0	0		0	0	344
351	122	125	0.0	0.0		
1994	0	0		0	0	519 E
519 E	194 E	194 E	0.0	0.0		

Bhutan						
1984	0	0		0	0	73
101	18	25	0.0	0.0		
1985	0	0		0	0	84
112	22	29	0.0	0.0		
1986	0	0		0	0	102
133	34	44	0.0	0.0		
1987	0	0		0	0	92
116	55	69	0.0	0.0		
1988	0	0		0	0	135
164	75	91	0.0	0.0		

1989		0	0	0	0	99
115	70	81	0.0	0.0		
1990		0	0	0	0	108
120	75	83	0.0	0.0		
1991		0	0	0	0	102
109	72	77	0.0	0.0		
1992		0	0	0	0	NA
NA	NA	NA	0.0	0.0		
1993		0	0	0	0	125 E
128 E	67 E	68 E	0.0	0.0		
1994		0	0	0	0	98 E
98 E	NA	NA	0.0	0.0		

Bolivia

1984		10	14	0	0	489
677	725	1003	2.0	0.0		
1985		10	13	0	0	691
923	623	832	1.4	0.0		
1986		10	13	0	0	674
877	638	830	1.5	0.0		
1987		0	0	0	0	766
965	570	718	0.0	0.0		
1988		20	24	0	0	591
717	600	728	3.4	0.0		
1989		10	12	0	0	620
720	822	955	1.6	0.0		
1990		10	11	0	0	687
765	926	1031	1.5	0.0		
1991		20	21	0	0	970
1040	849	910	2.1	0.0		
1992		10	10	0	0	1090
1137	710	740	0.9	0.0		
1993		10	10	0	0	1206
1231	728	743	0.8	0.0		
1994		0	0	0	0	1209
1209	1032	1032	0.0	0.0		

Bosnia and Herzegovina

1992		0	0	0	0	NA
NA	NA	NA	0.0	0.0		
1993		0	0	0	0	155
158	41	42	0.0	0.0		
1994	100	100	0	0	0	200
200	21	21	50.0	0.0		

Botswana

1984		0	0	0	0	697
965	596	825	0.0	0.0		
1985		10	13	0	0	580
775	632	844	1.7	0.0		
1986		0	0	0	0	713
927	714	928	0.0	0.0		
1987		5	6	0	0	937
1181	1368	1724	0.5	0.0		
1988		40	49	0	0	1196
1452	1185	1438	3.3	0.0		
1989		40	46	0	0	1500
1742	1857	2156	2.7	0.0		
1990		20	22	0	0	1946
2166	1784	1985	1.0	0.0		
1991		20	21	0	0	1947
2087	1849	1982	1.0	0.0		
1992		20	21	0	0	1861
1941	1742	1817	1.1	0.0		
1993		20	20	0	0	1776

1813	1725	1761	1.1	0.0		
1994	20	20		0	0	NA
NA	1800	1800	NA	0.0		

	ICD	I94D		ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE		

Brazil						
1984	130	180		625	865	15210
21050	27000	37380	0.9	2.3		
1985	60	80		360	481	14330
19140	25640	34240	0.4	1.4		
1986	180	234		330	429	15560
20230	22350	29060	1.2	1.5		
1987	210	265		650	819	16580
20900	26220	33050	1.3	2.5		
1988	525	637		700	850	16050
19490	33790	41010	3.3	2.1		
1989	220	255		120	139	19870
23080	34380	39930	1.1	0.3		
1990	140	156		70	78	22520
25070	31410	34960	0.6	0.2		
1991	160	172		80	86	22960
24610	31620	33890	0.7	0.3		
1992	90	94		200	209	23070
24060	35790	37330	0.4	0.6		
1993	60	61		50	51	27740
28310	38600	39390	0.2	0.1		
1994	90	90		80	80	36000
36000	43560	43560	0.3	0.2		

Brunei						
1984	0	0		0	0	622
861	3183	4405	0.0	0.0		
1985	0	0		0	0	606
809	2934	3918	0.0	0.0		
1986	5	7		0	0	656
853	1798	2338	0.8	0.0		
1987	5	6		0	0	642
809	1905	2401	0.8	0.0		
1988	5	6		0	0	721
875	1720	2087	0.7	0.0		
1989	5	6		0	0	883
1025	1893	2198	0.6	0.0		
1990	10	11		0	0	1019
1134	2226	2477	1.0	0.0		
1991	0	0		0	0	1084
1162	2480	2658	0.0	0.0		
1992	0	0		0	0	NA
NA	2496 E	2603 E	0.0	0.0		
1993	0	0		0	0	1200 E
1225 E	2373 E	2422 E	0.0	0.0		
1994	0	0		0	0	NA
NA	NA	NA	0.0	0.0		

Bulgaria						
1984	700	969		460	637	12350
17090	12530	17350	5.7	3.7		
1985	950	1269		550	734	13090
17480	12780	17070	7.3	4.3		
1986	1300	1690		470	611	15580
20260	14520	18880	8.3	3.2		
1987	700	882		575	725	17060
21500	16660	21000	4.1	3.5		
1988	400	485		430	522	20980

25460	20350	24700	1.9	2.1		
1989	290	337	190	221	14970	
17380	16040	18630	1.9	1.2		
1990	675	751	60	67	9600	
10680	8400	9349	7.0	0.7		
1991	0	0	50	54	2800 E	
3001 E	3500 E	3752 E	0.0	1.4		
1992	0	0	40	42	4346 E	
4532 E	3600 E	3754 E	0.0	1.1		
1993	5	5	20	20	5059	
5163	3738	3815	0.1	0.5		
1994	0	0	50	50	4377	
4377	4226	4226	0.0	1.2		

Burkina Faso (formerly Upper Volta)

1984	20	28	0	0	209	
289	79	109	9.6	0.0		
1985	20	27	0	0	332	
443	71	95	6.0	0.0		
1986	30	39	0	0	405	
527	83	108	7.4	0.0		
1987	0	0	0	0	434	
547	155	195	0.0	0.0		
1988	10	12	0	0	454	
551	142	172	2.2	0.0		
1989	10	12	0	0	322	
374	95	110	3.1	0.0		
1990	20	22	0	0	536	
597	152	169	3.7	0.0		
1991	0	0	0	0	533	
571	106	114	0.0	0.0		
1992	5	5	0	0	564 E	
588 E	NA	NA	0.9	0.0		
1993	10	10	0	0	573 E	
585 E	273 E	279 E	1.7	0.0		
1994	5	5	0	0	NA	
NA	NA	NA	NA	0.0		

Burma

			c			
1984	30	42	0	0	239	
331	301	417	12.6	0.0		
1985	50	67	0	0	283	
378	303	405	17.7	0.0		
1986	30	39	0	0	304	
395	288	375	9.9	0.0		
1987	20	25	0	0	268	
338	219	276	7.5	0.0		
1988	20	24	0	0	244	
296	147	178	8.2	0.0		
1989	20	23	0	0	201	
233	215	250	10.0	0.0		
1990	110	122	0	0	270	
300	325	362	40.7	0.0		
1991	390	418	0	0	646	
692	419	449	60.4	0.0		
1992	150	156	0	0	651	
679	537	560	23.0	0.0		
1993	130	133	0	0	814	
831	583	595	16.0	0.0		
1994	90	90	0	0	886	
886	771	771	10.2	0.0		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Burundi						
1984		20	28		0	186
257	103		143	10.8	0.0	
1985		5	7		0	189
252	112		150	2.6	0.0	
1986		10	13		0	202
263	154		200	5.0	0.0	
1987		20	25		0	212
267	91		115	9.4	0.0	
1988		10	12		0	204
248	133		161	4.9	0.0	
1989		10	12		0	187
217	78		91	5.3	0.0	
1990		5	6		0	231
257	75		83	2.2	0.0	
1991		10	11		0	248
266	90		96	4.0	0.0	
1992		0	0		0	221
230	72		75	0.0	0.0	
1993		10	10		0	204
208	68		69	4.9	0.0	
1994		5	5		0	224
224	106		106	2.2	0.0	

Cambodia

Cambodia						
1984		190	263 ^c		0	NA
NA	NA		NA	NA	0.0	
1985		280	374		0	28
37	3		4	1014.5	0.0	
1986		150	195		0	17
22	3 E		4 E	882.4	0.0	
1987		460	580		0	NA
NA	8 E		10 E	NA	0.0	
1988		240	291		0	147
178	7 E		8 E	163.3	0.0	
1989		490	569		0	139
161	38		44	353.8	0.0	
1990		230	256		0	111
123	53		59	208.0	0.0	
1991		40	43		0	100
107	145		156	40.1	0.0	
1992		0	0		0	138
143	213		222	0.0	0.0	
1993		10	10		0	223
227	181		185	4.5	0.0	
1994		10	10		0	427
427	167		167	2.3	0.0	

Cameroon

Cameroon						
1984		60	83		0	1112
1539	886		1226	5.4	0.0	
1985		20	27		0	1151
1537	722		964	1.7	0.0	
1986		10	13		0	1704
2216	782		1017	0.6	0.0	
1987		10	13		0	1723
2172	806		1016	0.6	0.0	
1988		5	6		0	1273
1545	927		1125	0.4	0.0	
1989		10	12		0	1261
1464	1683		1954	0.8	0.0	
1990		10	11		0	1400
1558	2002		2228	0.7	0.0	

1991	0	0	0	0	0	1173
1257	1834	1966	0.0	0.0		
1992	0	0	0	0	0	1163
1213	1840	1919	0.0	0.0		
1993	0	0	0	0	0	1102
1125	1883	1922	0.0	0.0		
1994	5	5		0	0	NA
NA	NA	NA	NA	0.0		

Canada						
1984	320	443		650	900	77790
107700	90270	124900	0.4	0.7		
1985	150	200		575	768	80640
107700	90950	121500	0.2	0.6		
1986	150	195		550	715	85490
111200	90330	117500	0.2	0.6		
1987	240	302		725	914	92590
116700	98170	123700	0.3	0.7		
1988	190	231		725	880	112700
136800	117100	142100	0.2	0.6		
1989	290	337		525	610	119800
139100	121800	141500	0.2	0.4		
1990	190	211		625	696	123200
137200	127600	142000	0.2	0.5		
1991	280	300		550	590	124800
133800	127200	136300	0.2	0.4		
1992	410	428		1200	1251	129300
134800	134400	140200	0.3	0.9		
1993	190	194		775	791	139000
141900	145200	148200	0.1	0.5		
1994	170	170		230	230	155100
155100	165400	165400	0.1	0.1		

Cape Verde

c

1984	0	0		0	0	83
115	2	3	0.0	0.0		
1985	10	13		10	13	84
112	6	8	11.9	166.7		
1986	5	7		0	0	107
139	4	5	4.7	0.0		
1987	5	6		0	0	119
150	8	10	4.2	0.0		
1988	5	6		0	0	120
146	3	4	4.2	0.0		
1989	5	6		0	0	112
130	7	8	4.5	0.0		
1990	5	6		0	0	136
151	6	7	3.7	0.0		
1991	0	0		0	0	147
158	6	6	0.0	0.0		
1992	0	0		0	0	180
188	5	5	0.0	0.0		
1993	0	0		0	0	189 E
193 E	6 E	6 E	0.0	0.0		
1994	0	0		0	0	NA
NA	NA	NA	0.0	0.0		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Cen. Afr. Rep.					
1984	0	0		0	87
120	86	119	0.0	0.0	

1985		0	0	0	0	113
151	92	123	0.0	0.0		
1986		0	0	0	0	167
217	66	86	0.0	0.0		
1987		0	0	0	0	204
257	130	164	0.0	0.0		
1988		0	0	0	0	141
171	66	80	0.0	0.0		
1989		0	0	0	0	150
174	134	156	0.0	0.0		
1990		0	0	0	0	154
171	120	134	0.0	0.0		
1991		0	0	0	0	179
192	126	135	0.0	0.0		
1992		0	0	0	0	165
172	124	129	0.0	0.0		
1993		0	0	0	0	145
148	129	132	0.0	0.0		
1994		0	0	0	0	NA
NA	NA	NA	0.0	0.0		

Chad

			^c			
1984		40	55	0	0	181
251	131	181	22.1	0.0		
1985		20	27	0	0	166
222	62	83	12.0	0.0		
1986		50	65	0	0	212
276	99	129	23.6	0.0		
1987		130	164	0	0	226
285	109	137	57.5	0.0		
1988		60	73	0	0	228
277	144	175	26.3	0.0		
1989		30	35	0	0	240
279	155	180	12.5	0.0		
1990		60	67	0	0	286
318	188	209	21.0	0.0		
1991		5	5	0	0	297
318	194	208	1.7	0.0		
1992		10	10	0	0	243
253	182	190	4.1	0.0		
1993		5	5	0	0	201
205	132	135	2.5	0.0		
1994		40	40	0	0	NA
NA	NA	NA	NA	0.0		

Chile

1984	170	235		20	28	3574
4946	3657	5061	4.8	0.5		
1985	20	27		80	107	3072
4102	3823	5105	0.7	2.1		
1986	50	65		20	26	3436
4468	4191	5450	1.5	0.5		
1987	80	101		170	214	4396
5541	5224	6584	1.8	3.3		
1988	60	73		280	340	5292
6423	7052	8559	1.1	4.0		
1989	80	93		160	186	7144
8296	8080	9383	1.1	2.0		
1990	70	78		10	11	7678
8545	8310	9248	0.9	0.1		
1991	70	75		0	0	8094
8676	8929	9571	0.9	0.0		
1992	50	52		5	5	10130
10560	9989	10420	0.5	0.1		

1993	40	41	10	10	11120
11350	9202	9392	0.4	0.1	
1994	90	90	0	0	11820
11820	11570	11570	0.8	0.0	
China - Mainland					
1984	490	678	2100	2906	26480
36650	26140	36180	1.9	8.0	
1985	675	901	725	968	42900
57280	27350	36520	1.6	2.7	
1986	575	748	1300	1690	43410
56450	30940	40240	1.3	4.2	
1987	650	819	2100	2647	43390
54690	39440	49700	1.5	5.3	
1988	340	413	3000	3641	55280
67090	47520	57670	0.6	6.3	
1989	390	453	2400	2787	59140
68680	52540	61010	0.7	4.6	
1990	200	223	1500	1669	53340
59370	61270	68190	0.4	2.4	
1991	200	214	1400	1501	63790
68380	70450	75510	0.3	2.0	
1992	1200	1251	925	965	80580
84030	80520	83960	1.5	1.1	
1993	500	510	1100	1123	103100
105200	90970	92840	0.5	1.2	
1994	130	130	800	800	114600
114600	119800	119800	0.1	0.7	
China - Taiwan					
1984	460	637	10	14	22000
30450	30440	42130	2.1	0.0	
1985	575	768	5	7	20120
26870	30700	40990	2.9	0.0	
1986	480	624	5	7	24230
31510	39750	51690	2.0	0.0	
1987	1500	1891	10	13	34800
43860	53820	67830	4.3	0.0	
1988	900	1092	20	24	49760
60390	60500	73430	1.8	0.0	
1989	600	697	10	12	52510
60970	66080	76740	1.1	0.0	
1990	650	723	10	11	54830
61020	67140	74720	1.2	0.0	
1991	1100	1179	5	5	63080
67610	76110	81590	1.7	0.0	
1992	850	886	10	10	72180
75270	81390	84880	1.2	0.0	
1993	800	816	10	10	77100
78690	84680	86420	1.0	0.0	
1994	775	775	20	20	85520
85520	92850	92850	0.9	0.0	
TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
Colombia					
1984	700	969	0	0	4498
6225	3462	4791	15.6	0.0	
1985	20	27	0	0	4141
5530	3552	4743	0.5	0.0	
1986	50	65	0	0	3862
5022	5102	6634	1.3	0.0	
1987	10	13	0	0	4322
5447	4642	5851	0.2	0.0	

1988	80	97	0	0	5002
6071	5037	6113	1.6	0.0	
1989	300	348	0	0	5004
5811	5717	6639	6.0	0.0	
1990	90	100	0	0	5590
6221	6766	7530	1.6	0.0	
1991	220	236	0	0	4906
5259	7232	7752	4.5	0.0	
1992	120	125	0	0	6516
6795	6917	7213	1.8	0.0	
1993	40	41	0	0	9832
10030	7116	7263	0.4	0.0	
1994	30	30	0	0	11880
11880	8399	8399	0.3	0.0	

Congo

1984	90	125	0	0	618
855	1183	1637	14.6	0.0	
1985	40	53	0	0	598
799	1087	1452	6.7	0.0	
1986	30	39	0	0	597
776	777	1010	5.0	0.0	
1987	10	13	0	0	529
667	973	1226	1.9	0.0	
1988	20	24	0	0	564
684	937	1137	3.5	0.0	
1989	0	0	0	0	518
602	1155	1341	0.0	0.0	
1990	5	6	0	0	621
691	981	1092	0.8	0.0	
1991	0	0	0	0	472
506	1029	1103	0.0	0.0	
1992	0	0	0	0	688
717	1183	1234	0.0	0.0	
1993	5	5	0	0	582
594	1069	1091	0.9	0.0	
1994	20	20	0	0	NA
NA	NA	NA	NA	0.0	

Costa Rica

1984	5	7	0	0	1094
1514	1006	1392	0.5	0.0	
1985	20	27	0	0	1098
1466	976	1303	1.8	0.0	
1986	10	13	0	0	1148
1493	1121	1458	0.9	0.0	
1987	5	6	0	0	1383
1743	1158	1459	0.4	0.0	
1988	5	6	0	0	1410
1711	1246	1512	0.4	0.0	
1989	0	0	0	0	1717
1994	1415	1643	0.0	0.0	
1990	0	0	0	0	1990
2215	1448	1612	0.0	0.0	
1991	0	0	0	0	1877
2012	1598	1713	0.0	0.0	
1992	0	0	0	0	2440
2544	1829	1907	0.0	0.0	
1993	0	0	0	0	2885
2944	2049	2091	0.0	0.0	
1994	0	0	0	0	3089
3089	2233	2233	0.0	0.0	

Cote d'Ivoire (see Ivory Coast)

Croatia						
1992	0	0	0	0	0	4500
4693	4597	4794	0.0	0.0	0	4666
1993	20	20	0	0	0	4666
4762	3913	3994	0.4	0.0	0	5231
1994	30	30	0	0	0	5231
5231	4259	4259	0.6	0.0		

Cuba						
1984	1400	1938	20	28		8213
11370	6174	8545	17.0	0.3		
1985	2400	3205	5	7		8758
11700	6476	8648	27.4	0.1		
1986	1600	2081	0	0		9158
11910	6444	8380	17.5	0.0		
1987	1800	2269	0	0		7584
9559	5401	6807	23.7	0.0		
1988	1700	2063	230	279		7580
9199	5519	6698	22.4	4.2		
1989	1200	1394	5	6		8124
9434	5392	6262	14.8	0.1		
1990	1400	1558	0	0		6745
7507	4910	5464	20.8	0.0		
1991	525	563	0	0		3690
3955	3550	3805	14.2	0.0		
1992	100	104	0	0		2245
2341	2030	2117	4.5	0.0		
1993	100	102	0	0		1855
1893	1310	1337	5.4	0.0		
1994	0	0	0	0		1855
1855	1360	1360	0.0	0.0		

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
-------	-------------	---------------	-------------	--------------	------

Cyprus					
1984	30	42	0	0	1364
1888	573	793	2.2	0.0	
1985	10	13	0	0	1247
1665	476	636	0.8	0.0	
1986	20	26	0	0	1272
1654	451	586	1.6	0.0	
1987	80	101	0	0	1484
1870	568	716	5.4	0.0	
1988	5	6	0	0	1859
2256	705	856	0.3	0.0	
1989	60	70	0	0	2288
2657	791	919	2.6	0.0	
1990	50	56	0	0	2568
2858	957	1065	1.9	0.0	
1991	40	43	0	0	2659
2850	980	1050	1.5	0.0	
1992	150	156	0	0	3313
3455	987	1029	4.5	0.0	
1993	30	31	0	0	2590
2643	867	885	1.2	0.0	
1994	60	60	0	0	3018
3018	968	968	2.0	0.0	

Czechoslovakia					
1984	900	1246	1100	1522	11850
16400	11770	16300	7.6	9.3	
1985	800	1068	1500	2003	12150
16220	11900	15890	6.6	12.6	
1986	1100	1430	1400	1821	14670

19070	13790	17930	7.5	10.2		
1987	925	1166		1400	1764	16340
20590	15470	19500	5.7	9.1		
1988	210	255		1000	1214	15300
18570	14890	18070	1.4	6.7		
1989	460	534		875	1016	14990
17400	14460	16790	3.1	6.1		
1990	450	501		370	412	13710
15260	11840	13180	3.3	3.1		
1991	70	75		240	257	11070
11870	10940	11730	0.6	2.2		
1992	0	0		140	146	12590
13130	11310	11790	0.0	1.2		

Czech Republic

1993	5	5		210	214	13340
13620	12800	13070	0.0	1.6		
1994	90	90		300	300	15460
15460	14290	14290	0.6	2.1		

Denmark

1984	90	125		30	42	16610
22990	15980	22120	0.5	0.2		
1985	110	147		20	27	18240
24360	17090	22820	0.6	0.1		
1986	60	78		20	26	22880
29750	21290	27680	0.3	0.1		
1987	160	202		40	50	25500
32140	25670	32360	0.6	0.2		
1988	210	255		20	24	25940
31480	27650	33560	0.8	0.1		
1989	140	163		10	12	26690
30990	28110	32640	0.5	0.0		
1990	120	134		80	89	32230
35870	35130	39100	0.4	0.2		
1991	50	54		20	21	32400
34730	36000	38590	0.2	0.1		
1992	80	83		10	10	35170
36680	41050	42810	0.2	0.0		
1993	90	92		10	10	30540
31170	37170	37930	0.3	0.0		
1994	40	40		10	10	34880
34880	41420	41420	0.1	0.0		

Djibouti

1984	0	0		0	0	222
307	13	18	0.0	0.0		
1985	10	13		0	0	201
268	14	19	5.0	0.0		
1986	5	7		0	0	184
239	20	26	2.7	0.0		
1987	10	13		0	0	205
258	28	35	4.9	0.0		
1988	0	0		0	0	201
244	23	28	0.0	0.0		
1989	5	6		0	0	196
228	25	29	2.6	0.0		
1990	5	6		0	0	215
239	25	28	2.3	0.0		
1991	5	5		0	0	214
229	17	18	2.3	0.0		
1992	10	10		0	0	219
228	16	17	4.6	0.0		
1993	0	0		0	0	NA
NA	NA	NA	0.0	0.0		

1994	0	0	0	0	384 E
384 E	NA	NA	0.0	0.0	

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
-------	-------------	---------------	-------------	--------------	------

Dominican Rep.

1984	10	14	0	0	1446
2001	868	1201	0.7	0.0	
1985	10	13	0	0	1487
1986	735	982	0.7	0.0	
1986	5	7	0	0	1433
1863	718	934	0.3	0.0	
1987	5	6	0	0	1830
2306	711	896	0.3	0.0	
1988	10	12	0	0	1849
2244	890	1080	0.5	0.0	
1989	10	12	0	0	2280
2648	924	1073	0.4	0.0	
1990	5	6	0	0	2062
2295	735	818	0.2	0.0	
1991	5	5	0	0	1988
2131	658	705	0.3	0.0	
1992	5	5	0	0	2501
2608	562	586	0.2	0.0	
1993	5	5	0	0	2436
2486	511	522	0.2	0.0	
1994	30	30	0	0	2626
2626	633	633	1.1	0.0	

Ecuador

1984	140	194	0	0	1616
2237	2620	3626	8.7	0.0	
1985	70	93	0	0	1767
2360	2905	3879	4.0	0.0	
1986	100	130	0	0	1810
2354	2172	2824	5.5	0.0	
1987	90	113	0	0	2252
2838	1928	2430	4.0	0.0	
1988	50	61	0	0	1714
2080	2192	2660	2.9	0.0	
1989	30	35	0	0	1855
2154	2354	2734	1.6	0.0	
1990	20	22	0	0	1862
2072	2714	3020	1.1	0.0	
1991	20	21	0	0	2399
2571	2852	3057	0.8	0.0	
1992	30	31	0	0	2501
2608	3007	3136	1.2	0.0	
1993	40	41	0	0	2562
2615	2904	2964	1.6	0.0	
1994	30	30	0	0	3642
3642	3717	3717	0.8	0.0	

Egypt

1984	1900	2630	190	263	10770
14900	3140	4346	17.6	6.1	
1985	1700	2270	90	120	5495
7338	1838	2454	30.9	4.9	
1986	1300	1690	110	143	8680
11290	2214	2879	15.0	5.0	
1987	1900	2395	100	126	7596
9574	2037	2567	25.0	4.9	
1988	825	1001	550	668	8657

10510	2120	2573	9.5	25.9		
1989	900	1045		400	465	7434
8633	2565	2979	12.1	15.6		
1990	800	890		50	56	9216
10260	2585	2877	8.7	1.9		
1991	900	965		0	0	7862
8427	3659	3922	11.4	0.0		
1992	1100	1147		40	42	8245
8598	3051	3182	13.3	1.3		
1993	1400	1429		10	10	8184
8353	2244	2290	17.1	0.4		
1994	1500	1500		10	10	10180
10180	3463	3463	14.7	0.3		

El Salvador

1984	110	152		0	0	977
1352	717	992	11.3	0.0		
1985	120	160		0	0	961
1283	679	907	12.5	0.0		
1986	110	143		0	0	935
1216	755	982	11.8	0.0		
1987	80	101		0	0	994
1253	591	745	8.0	0.0		
1988	100	121		0	0	1007
1222	609	739	9.9	0.0		
1989	100	116		0	0	1161
1348	498	578	8.6	0.0		
1990	80	89		0	0	1263
1406	582	648	6.3	0.0		
1991	80	86		0	0	1406
1507	588	630	5.7	0.0		
1992	50	52		0	0	1699
1772	598	624	2.9	0.0		
1993	40	41		0	0	1912
1951	732	747	2.1	0.0		
1994	30	30		0	0	2249
2249	844	844	1.3	0.0		

Equat. Guinea

1984	0	0		0	0	18
25	15	21	0.0	0.0		
1985	0	0		0	0	20
27	17	23	0.0	0.0		
1986	0	0		0	0	22
29	24	31	0.0	0.0		
1987	0	0		0	0	50
63	39	49	0.0	0.0		
1988	0	0		0	0	61
74	49	59	0.0	0.0		
1989	10	12		0	0	55
64	41	48	18.2	0.0		
1990	0	0		0	0	61
68	62	69	0.0	0.0		
1991	0	0		0	0	117
125	83	89	0.0	0.0		
1992	0	0		0	0	93
97	42	44	0.0	0.0		
1993	0	0		0	0	60
61	62	63	0.0	0.0		
1994	0	0		0	0	NA
NA	NA	NA	0.0	0.0		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Eritrea						
1993		10	10	0	0	NA
NA	NA		NA	0.0	0.0	
1994		20	20	0	0	NA
NA	NA		NA	0.0	0.0	

Estonia						
1992		0	0	0	0	432
451	463	483	0.0	0.0		
1993		20	20	0	0	896
914	805	822	2.2	0.0		
1994		30	30	5	5	1660
1660	1299	1299	1.8	0.4		

Ethiopia						
			^c			
1984	1200	1661		0	0	942
1304	417	577	127.4	0.0		
1985	800	1068		0	0	993
1326	333	445	80.6	0.0		
1986	330	429		0	0	1102
1433	455	592	29.9	0.0		
1987	1000	1260		0	0	1066
1344	355	447	93.8	0.0		
1988	725	880		0	0	1129
1370	429	521	64.2	0.0		
1989	975	1132		0	0	944
1096	465	540	103.3	0.0		
1990	410	456		10	11	1081
1203	298	332	37.9	3.4		
1991	80	86		0	0	472
506	189	203	16.9	0.0		
1992	0	0		0	0	799
833	169	176	0.0	0.0		
1993	5	5		0	0	787
803	199	203	0.6	0.0		
1994	0	0		0	0	1033
1033	372	372	0.0	0.0		

Fiji						
1984	0	0		0	0	450
623	256	354	0.0	0.0		
1985	0	0		0	0	442
590	237	316	0.0	0.0		
1986	0	0		0	0	435
566	274	356	0.0	0.0		
1987	0	0		0	0	380
479	320	403	0.0	0.0		
1988	0	0		0	0	462
561	373	453	0.0	0.0		
1989	0	0		0	0	581
675	494	574	0.0	0.0		
1990	0	0		0	0	743
827	615	684	0.0	0.0		
1991	0	0		0	0	643
689	462	495	0.0	0.0		
1992	0	0		0	0	614
640	407	424	0.0	0.0		
1993	0	0		0	0	634
647	405	413	0.0	0.0		
1994	0	0		0	0	724
724	544	544	0.0	0.0		

Finland						
1984		70	97	320	443	12430

17210	13470	18640	0.6	2.4			
1985	110	147		0	0	13230	
17670	13620	18180	0.8	0.0			
1986	270	351		0	0	15340	
19950	16360	21270	1.8	0.0			
1987	330	416		0	0	19630	
24750	20040	25250	1.7	0.0			
1988	110	134		10	12	21130	
25640	21750	26390	0.5	0.0			
1989	40	46		0	0	24440	
28380	23300	27060	0.2	0.0			
1990	60	67		5	6	27000	
30050	26570	29570	0.2	0.0			
1991	50	54		10	11	21810	
23380	23080	24740	0.2	0.0			
1992	450	469		0	0	21210	
22120	23980	25010	2.1	0.0			
1993	290	296		10	10	18030	
18400	23450	23930	1.6	0.0			
1994	60	60		10	10	23210	
23210	29660	29660	0.3	0.0			

France

1984	110	152		5900	8166	104400	
144400	97570	135000	0.1	6.0			
1985	220	294		7100	9481	108300	
144600	101700	135800	0.2	7.0			
1986	180	234		4400	5722	129400	
168300	124900	162500	0.1	3.5			
1987	330	416		2900	3655	158500	
199700	148400	187000	0.2	2.0			
1988	210	255		2000	2427	178900	
217100	167800	203600	0.1	1.2			
1989	290	337		2300	2671	193000	
224100	179400	208300	0.2	1.3			
1990	310	345		5000	5565	234400	
260900	216600	241000	0.1	2.3			
1991	280	300		1800	1929	231800	
248400	217100	232700	0.1	0.8			
1992	140	146		1500	1564	239600	
249900	235900	246000	0.1	0.6			
1993	80	82		825	842	201800	
206000	209300	213700	0.0	0.4			
1994	170	170		800	800	229300	
229300	235500	235500	0.1	0.3			

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
-------	-------------	---------------	-------------	--------------	------

Gabon

1984	20	28		0	0	724	
1002	2011	2783	2.8	0.0			
1985	100	134		0	0	855	
1142	1951	2605	11.7	0.0			
1986	0	0		0	0	866	
1126	1271	1653	0.0	0.0			
1987	0	0		0	0	732	
923	1288	1623	0.0	0.0			
1988	20	24		0	0	791	
960	1196	1452	2.5	0.0			
1989	20	23		0	0	767	
891	1597	1855	2.6	0.0			
1990	0	0		0	0	772	
859	2464	2742	0.0	0.0			
1991	0	0		0	0	884	

948	2273	2436	0.0	0.0		
1992	0	0	0	0	0	886
924	2295	2393	0.0	0.0		
1993	10	10	0	0	0	835
852	2177	2222	1.2	0.0		
1994	10	10	0	0	0	912 E
912 E	NA	NA	1.1	0.0		

Gambia, The

1984	10	14	0	0	0	100
138	49	68	10.0	0.0		
1985	10	13	0	0	0	93
124	43	57	10.8	0.0		
1986	10	13	0	0	0	104
135	35	46	9.6	0.0		
1987	10	13	0	0	0	127
160	40	50	7.9	0.0		
1988	10	12	0	0	0	137
166	58	70	7.3	0.0		
1989	0	0	0	0	0	161
187	27	31	0.0	0.0		
1990	0	0	0	0	0	200
222	40	45	0.0	0.0		
1991	5	5	0	0	0	222
238	42	45	2.3	0.0		
1992	5	5	0	0	0	234
244	63	66	2.1	0.0		
1993	0	0	0	0	0	NA
NA	NA	NA	0.0	0.0		
1994	0	0	0	0	0	209
209	35	35	0.0	0.0		

Georgia

1992	0	0	0	0	0	NA
NA	NA	NA	0.0	0.0		
1993	0	0	0	0	0	63
64	39	40	0.0	0.0		
1994	0	0	0	0	0	800
800	500	500	0.0	0.0		

Germany, East

1984	1100	1522	410	567	21930
30350	24550	33980	5.0	1.7	
1985	1300	1736	575	768	22150
29590	23890	31900	5.9	2.4	
1986	1000	1300	300	390	27500
35750	27830	36190	3.6	1.1	
1987	310	391	310	391	30990
39060	30740	38740	1.0	1.0	
1988	1000	1214	450	546	30800
37380	32000	38840	3.2	1.4	
1989	825	958	330	383	NA
NA	NA	NA	NA	NA	
1990g	380	423	20	22	NA
NA	NA	NA	NA	NA	

Germany, West

1984	550	761	3000	4152	153000
211800	171700	237700	0.4	1.7	
1985	600	801	1400	1870	158500
211600	183900	245600	0.4	0.8	
1986	575	748	1300	1690	190900
248200	243300	316400	0.3	0.5	
1987	1000	1260	1500	1891	228400
287900	294400	371000	0.4	0.5	

1988	1100	1335	1800	2185	250500
304000	323300	392400	0.4	0.6	
1989	1300	1510	1300	1510	269700
313200	341200	396300	0.5	0.4	
1990	975	1085	1700	1892	346200
385200	410100	456400	0.3	0.4	
1991g	825	884	2300	2465	389900
417900	402800	431800	0.2	0.6	
1992	975	1017	1300	1356	402400
419700	422300	440300	0.2	0.3	
1993	575	587	1700	1735	348600
355800	380200	388000	0.2	0.4	
1994	240	240	700	700	373900
373900	420000	420000	0.1	0.2	

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	
Ghana					
1984	20	28		0	580
803	528	731	3.4	0.0	
1985	0	0		0	731
976	617	824	0.0	0.0	
1986	10	13		0	783
1018	863	1122	1.3	0.0	
1987	30	38		0	988
1245	977	1231	3.0	0.0	
1988	20	24		0	905
1098	1009	1225	2.2	0.0	
1989	30	35		0	1273
1478	1018	1182	2.4	0.0	
1990	5	6		0	1614 E
1796 E	925 E	1030 E	0.3	0.0	
1991	0	0		0	1611 E
1727 E	861 E	923 E	0.0	0.0	
1992	0	0		0	1743 E
1818 E	676 E	705 E	0.0	0.0	
1993	0	0		0	1700 E
1735 E	623 E	636 E	0.0	0.0	
1994	0	0		0	NA
NA	617 E	617 E	0.0	0.0	

Greece					
1984	310	429		110	9435
13060	4816	6665	3.3	2.3	
1985	280	374		30	10130
13530	4539	6061	2.8	0.7	
1986	230	299		40	11350
14760	5648	7344	2.0	0.7	
1987	340	429		40	13170
16600	6533	8234	2.6	0.6	
1988	575	698		20	12320
14960	5429	6589	4.7	0.4	
1989	1900	2206		0	16150
18760	7545	8762	11.8	0.0	
1990	450	501		20	19780
22010	8105	9020	2.3	0.2	
1991	280	300		0	21580
23130	8666	9289	1.3	0.0	
1992	725	756		20	23220
24210	9509	9916	3.1	0.2	
1993	825	842		10	20820
21250	8434	8608	4.0	0.1	
1994	270	270		5	NA
NA	NA	NA	NA	NA	

Guatemala								
1984		40		55		0	0	1279
1770	1129		1563		3.1	0.0		
1985		30		40		0	0	1175
1569	1057		1412		2.6	0.0		
1986		5		7		0	0	959
1247	1044		1358		0.5	0.0		
1987		10		13		0	0	1447
1824	987		1244		0.7	0.0		
1988		10		12		0	0	1557
1890	1022		1240		0.6	0.0		
1989		10		12		0	0	1654
1921	1108		1287		0.6	0.0		
1990		20		22		0	0	1649
1835	1163		1294		1.2	0.0		
1991		0		0		0	0	1851
1984	1202		1288		0.0	0.0		
1992		0		0		0	0	2532
2640	1295		1350		0.0	0.0		
1993		5		5		0	0	2599
2653	1340		1368		0.2	0.0		
1994		0		0		0	0	2604
2604	1522		1522		0.0	0.0		

Guinea								
1984		50		69		0	0	NA
NA	537		743		NA	0.0		
1985		70		93		0	0	NA
NA	NA		NA		NA	0.0		
1986		70		91		0	0	336 E
437 E	439 E		571 E		20.8	0.0		
1987		70		88		0	0	412 E
519 E	492 E		620 E		17.0	0.0		
1988		20		24		0	0	436 E
529 E	467 E		567 E		4.6	0.0		
1989		10		12		0	0	514 E
597 E	573 E		665 E		1.9	0.0		
1990		20		22		0	0	600 E
668 E	605 E		673 E		3.3	0.0		
1991		5		5		0	0	732 E
785 E	653 E		700 E		0.7	0.0		
1992		0		0		0	0	768 E
801 E	622 E		649 E		0.0	0.0		
1993		0		0		0	0	798 E
814 E	NA		NA		0.0	0.0		
1994		0		0		0	0	NA
NA	NA		NA		0.0	0.0		

Guinea-Bissau								
1984		40		55		0	0	NA
NA	17		24		NA	0.0		
1985		10		13		0	0	NA
NA	12		16		NA	0.0		
1986		20		26		0	0	NA
NA	15		20		NA	0.0		
1987		20		25		0	0	49 E
62 E	17		21		41.0	0.0		
1988		30		36		0	0	67
81	16		19		44.9	0.0		
1989		20		23		0	0	70
81	14		16		28.6	0.0		
1990		5		6		0	0	68
76	19		21		7.4	0.0		
1991		5		5		0	0	67

72	20	21	7.5	0.0		
1992	0	0	0	0	0	84
88	6	6	0.0	0.0		
1993	0	0	0	0	0	62
63	16	16	0.0	0.0		
1994	0	0	0	0	0	63
63	32	32	0.0	0.0		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	
Guyana					
1984	0	0	0	0	213
295	210	291	0.0	0.0	
1985	10	13	0	0	226
302	206	275	4.4	0.0	
1986	0	0	0	0	242
315	214	278	0.0	0.0	
1987	0	0	0	0	265
334	242	305	0.0	0.0	
1988	0	0	0	0	216
262	230	279	0.0	0.0	
1989	20	23	0	0	258
300	227	264	7.8	0.0	
1990	0	0	0	0	311
346	251	279	0.0	0.0	
1991	0	0	0	0	307
329	248	266	0.0	0.0	
1992	0	0	0	0	443
462	302	315	0.0	0.0	
1993	0	0	0	0	484
494	423	432	0.0	0.0	
1994	0	0	0	0	456 E
456 E	453	453	0.0	0.0	
Haiti					
1984	5	7	0	0	450
623	179	248	1.1	0.0	
1985	10	13	0	0	442
590	168	224	2.3	0.0	
1986	0	0	0	0	360
468	184	239	0.0	0.0	
1987	5	6	0	0	399
503	214	270	1.3	0.0	
1988	0	0	0	0	344
417	179	217	0.0	0.0	
1989	0	0	0	0	291
338	144	167	0.0	0.0	
1990	0	0	0	0	279
311	158	176	0.0	0.0	
1991	0	0	0	0	420
450	181	194	0.0	0.0	
1992	0	0	0	0	327
341	84	88	0.0	0.0	
1993	0	0	0	0	265
270	89	91	0.0	0.0	
1994	50	50	0	0	292
292	73	73	17.1	0.0	
Honduras					
1984	80	111	0	0	893
1236	725	1003	9.0	0.0	
1985	30	40	0	0	888
1186	780	1042	3.4	0.0	
1986	100	130	0	0	875

1138	854	1111	11.4	0.0		
1987	90	113		0	0	827
1042	791	997	10.9	0.0		
1988	60	73		0	0	886
1075	840	1019	6.8	0.0		
1989	50	58		0	0	969
1125	859	998	5.2	0.0		
1990	30	33		0	0	935
1041	831	925	3.2	0.0		
1991	30	32		0	0	955
1024	792	849	3.1	0.0		
1992	20	21		0	0	1037
1081	802	836	1.9	0.0		
1993	20	20		0	0	1130
1153	814	831	1.8	0.0		
1994	10	10		0	0	1056
1056	843	843	0.9	0.0		

Hungary

1984	260	360		250	346	8091
11200	8563	11850	3.2	2.9		
1985	80	107		220	294	8224
10980	8538	11400	1.0	2.6		
1986	180	234		240	312	9599
12480	9165	11920	1.9	2.6		
1987	400	504		240	302	9841
12400	9556	12040	4.1	2.5		
1988	110	134		190	231	9345
11340	9949	12070	1.2	1.9		
1989	40	46		80	93	8709
10110	10070	11690	0.5	0.8		
1990	0	0		110	122	8621
9595	9730	10830	0.0	1.1		
1991	0	0		40	43	11450
12270	10180	10910	0.0	0.4		
1992	0	0		30	31	11120
11600	10680	11140	0.0	0.3		
1993	925	944		10	10	12600
12860	8918	9102	7.3	0.1		
1994	10	10		10	10	14320
14320	10590	10590	0.1	0.1		

Iceland

1984	0	0		0	0	841
1164	739	1023	0.0	0.0		
1985	5	7		0	0	905
1209	815	1088	0.6	0.0		
1986	0	0		0	0	1119
1455	1099	1429	0.0	0.0		
1987	0	0		0	0	1590
2004	1375	1733	0.0	0.0		
1988	0	0		0	0	1597
1938	1424	1728	0.0	0.0		
1989	0	0		0	0	1401
1627	1381	1604	0.0	0.0		
1990	0	0		0	0	1680
1870	1592	1772	0.0	0.0		
1991	0	0		0	0	1760
1887	1550	1661	0.0	0.0		
1992	0	0		0	0	1684
1756	1528	1593	0.0	0.0		
1993	0	0		0	0	1349
1377	1399	1428	0.0	0.0		
1994	0	0		0	0	1472
1472	1623	1623	0.0	0.0		

TI94D	ICD TECD	I94D TE94D	ECD IXTI	EXTE	E94D	TICD
India						
1984	1300	1799		30	42	14360
19880	9916	13720	9.1	0.3		
1985	2600	3472		10	13	15930
21270	9140	12210	16.3	0.1		
1986	3200	4161		40	52	15420
20050	9399	12220	20.8	0.4		
1987	3000	3781		5	6	16670
21020	11300	14240	18.0	0.0		
1988	3100	3762		0	0	19150
23240	13320	16170	16.2	0.0		
1989	3000	3484		0	0	20530
23850	15850	18400	14.6	0.0		
1990	1800	2003		10	11	23640
26310	17970	20000	7.6	0.1		
1991	925	991		5	5	20420
21890	17660	18930	4.5	0.0		
1992	650	678		0	0	23580
24590	19560	20400	2.8	0.0		
1993	260	265		10	10	22760
23230	21550	22000	1.1	0.0		
1994	140	140		10	10	26670
26670	25050	25050	0.5	0.0		
Indonesia						
1984	120	166		0	0	13880
19210	21900	30310	0.9	0.0		
1985	160	214		5	7	10260
13700	18590	24830	1.6	0.0		
1986	160	208		0	0	10720
13940	16070	20900	1.5	0.0		
1987	270	340		0	0	12890
16250	17130	21600	2.1	0.0		
1988	260	316		5	6	13250
16080	19460	23620	2.0	0.0		
1989	220	255		10	12	16440
19100	22160	25730	1.3	0.0		
1990	290	323		5	6	21840
24300	25670	28570	1.3	0.0		
1991	30	32		5	5	25870
27730	29540	31670	0.1	0.0		
1992	50	52		20	21	27280
28450	33860	35310	0.2	0.1		
1993	90	92		20	20	28090
28660	36820	37580	0.3	0.1		
1994	40	40		10	10	31980
31980	40050	40050	0.1	0.0		
Iran						
1984	2700	3737		0	0	15370
21270	12420	17190	17.6	0.0		
1985	1900	2537		0	0	11630
15540	13330	17800	16.3	0.0		
1986	2600	3381		0	0	10520
13680	8322	10820	24.7	0.0		
1987	2000	2521		0	0	9570
12060	11040	13910	20.9	0.0		
1988	2600	3155		0	0	9454
11470	8154	9896	27.5	0.0		
1989	1500	1742		0	0	12810
14870	11360	13190	11.7	0.0		

1990	1800	2003		0	0	15720
17490	15320	17050	11.5	0.0		
1991	2100	2251		40	43	21690
23250	15920	17060	9.7	0.3		
1992	360	375		0	0	23080
24070	19870 E	20720 E	1.6	0.0		
1993	1000	1021		5	5	16040
16370	18570 E	18950 E	6.2	0.0		
1994	390	390		90	90	12070 E
12070 E	16700 E	16700 E	3.2	0.5		

Iraq

1984	9300	12870 ^c		10	14	11080
15330	10940	15140	84.0	0.1		
1985	4900	6544		30	40	10560
14100	12220	16320	46.4	0.2		
1986	6000	7802		60	78	10190
13250	9007	11710	58.9	0.7		
1987	5800	7310		10	13	7415
9346	9014	11360	78.2	0.1		
1988	5600	6796		100	121	9293
11280	9687 E	11760 E	60.3	1.0		
1989	2400	2787		60	70	9890
11480	12280 E	14260 E	24.3	0.5		
1990	2800	3116		20	22	6526
7262	10380 E	11560 E	42.9	0.2		
1991	0	0		0	0	423
453	468 E	502 E	0.0	0.0		
1992	0	0		0	0	603
628	595 E	620 E	0.0	0.0		
1993	0	0		0	0	520
531	NA	NA	0.0	0.0		
1994	0	0		0	0	297
297	612 E	612 E	0.0	0.0		

Ireland

1984	10	14		0	0	9675
13390	9642	13340	0.1	0.0		
1985	10	13		0	0	10020
13380	10360	13830	0.1	0.0		
1986	40	52		0	0	11620
15110	12660	16460	0.3	0.0		
1987	20	25		0	0	13640
17190	16000	20160	0.1	0.0		
1988	20	24		0	0	15570
18890	18720	22720	0.1	0.0		
1989	5	6		0	0	17420
20230	20670	24000	0.0	0.0		
1990	5	6		0	0	20670
23000	23740	26420	0.0	0.0		
1991	10	11		10	11	20770
22260	24220	25970	0.0	0.0		
1992	5	5		0	0	22480
23440	28330	29540	0.0	0.0		
1993	5	5		0	0	21390
21830	28610	29200	0.0	0.0		
1994	60	60		0	0	25480
25480	34320	34320	0.2	0.0		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Israel					
1984	800	1107	575	796	9828

13600	5807	8037	8.1	9.9		
1985	1100	1469		675	901	10140
13540	6260	8360	10.9	10.8		
1986	480	624		675	878	10810
14060	7154	9303	4.4	9.4		
1987	2000	2521		700	882	14360
18100	8454	10660	13.9	8.3		
1988	1100	1335		460	558	15020
18230	9950	12080	7.3	4.6		
1989	1200	1394		850	987	14370
16690	11070	12860	8.4	7.7		
1990	700	779		330	367	16790
18690	11580	12880	4.2	2.9		
1991	625	670		430	461	18660
20000	11920	12780	3.3	3.6		
1992	850	886		280	292	20250
21120	13120	13680	4.2	2.1		
1993	1100	1123		340	347	22620
23090	14780	15080	4.9	2.3		
1994	1000	1000		470	470	24240
24240	16440	16440	4.1	2.9		

Italy

1984	220	304		1400	1938	85160
117900	74560	103200	0.3	1.9		
1985	250	334		1300	1736	87690
117100	76720	102400	0.3	1.7		
1986	230	299		825	1073	99380
129200	97200	126400	0.2	0.8		
1987	220	277		725	914	125700
158400	116700	147100	0.2	0.6		
1988	340	413		480	583	138600
168200	127900	155200	0.2	0.4		
1989	420	488		270	314	153000
177700	140600	163200	0.3	0.2		
1990	300	334		200	223	182000
202500	170500	189700	0.2	0.1		
1991	220	236		300	322	182700
195800	169500	181700	0.1	0.2		
1992	110	115		300	313	188500
196500	178200	185800	0.1	0.2		
1993	90	92		350	357	148300
151300	169200	172600	0.1	0.2		
1994	110	110		90	90	167700
167700	189800	189800	0.1	0.0		

Ivory Coast

1984	20	28		0	0	1497
2072	2707	3747	1.3	0.0		
1985	20	27		0	0	1749
2336	3198	4271	1.1	0.0		
1986	5	7		0	0	2055
2672	3354	4361	0.2	0.0		
1987	5	6		0	0	2370
2987	3110	3920	0.2	0.0		
1988	5	6		0	0	2080
2524	2770	3362	0.2	0.0		
1989	20	23		0	0	2111
2451	2807	3260	0.9	0.0		
1990	0	0		0	0	2098
2335	2817 E	3135 E	0.0	0.0		
1991	0	0		0	0	2103
2254	2777 E	2977 E	0.0	0.0		
1992	0	0		0	0	5347
5576	6220	6486	0.0	0.0		

1993	0	0	0	0	2212 E
2258 E	3272 E	3339 E	0.0	0.0	
1994	0	0	0	0	NA
NA	NA	NA	0.0	0.0	

Jamaica

1984	0	0	0	0	1146
1586	747	1034	0.0	0.0	
1985	10	13	0	0	1111
1484	566	756	0.9	0.0	
1986	5	7	0	0	972
1264	589	766	0.5	0.0	
1987	10	13	0	0	1238
1560	706	890	0.8	0.0	
1988	10	12	0	0	1440
1748	831	1009	0.7	0.0	
1989	20	23	0	0	1852
2151	967	1123	1.1	0.0	
1990	0	0	0	0	1859
2069	1135	1263	0.0	0.0	
1991	10	11	0	0	1491
1598	1053	1129	0.7	0.0	
1992	10	10	0	0	1668
1739	1102	1149	0.6	0.0	
1993	5	5	0	0	2097
2140	1069	1091	0.2	0.0	
1994	5	5	0	0	2164
2164	1192	1192	0.2	0.0	

Japan

1984	1100	1522	280	388	136200
188500	169700	234900	0.8	0.2	
1985	1000	1335	130	174	130500
174300	177200	236600	0.8	0.1	
1986	825	1073	170	221	127600
165900	210800	274100	0.6	0.1	
1987	1100	1386	120	151	151000
190400	231300	291500	0.7	0.1	
1988	825	1001	380	461	187400
227400	264900	321400	0.4	0.1	
1989	1700	1974	180	209	209700
243500	273900	318100	0.8	0.1	
1990	1200	1336	70	78	235400
261900	287600	320100	0.5	0.0	
1991	1400	1501	10	11	237000
254000	314800	337400	0.6	0.0	
1992	825	860	10	10	233200
243200	339900	354400	0.4	0.0	
1993	525	536	10	10	241600
246600	362200	369700	0.2	0.0	
1994	650	650	10	10	275200
275200	397000	397000	0.2	0.0	

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Jordan

1984	250	346	0	0	2784
3853	752	1041	9.0	0.0	
1985	650	868	0	0	2733
3650	789	1054	23.8	0.0	
1986	600	780	40	52	2432
3162	733	953	24.7	5.5	
1987	550	693	70	88	2710
3416	930	1172	20.3	7.5	

1988	460	558	50	61	2732
3316	1019	1237	16.8	4.9	
1989	350	406	10	12	2125
2468	1107	1286	16.5	0.9	
1990	110	122	0	0	2601
2894	1064	1184	4.2	0.0	
1991	50	54	0	0	2508
2688	1130	1211	2.0	0.0	
1992	20	21	0	0	3255
3394	1215	1267	0.6	0.0	
1993	30	31	0	0	3540
3613	1232	1257	0.8	0.0	
1994	40	40	30	30	3382
3382	1424	1424	1.2	2.1	

Kazakstan

1992	0	0	0	0	4080
4255	3166	3302	0.0	0.0	
1993	80	82	0	0	3358
3427	3391	3461	2.4	0.0	
1994	0	0	0	0	3741
3741	2950	2950	0.0	0.0	

Kampuchea (see Cambodia)

Kenya

1984	10	14	0	0	1469
2033	1081	1496	0.7	0.0	
1985	10	13	0	0	1436
1918	958	1279	0.7	0.0	
1986	10	13	0	0	1613
2097	1200	1560	0.6	0.0	
1987	30	38	0	0	1755
2212	961	1211	1.7	0.0	
1988	180	218	0	0	1975
2397	1071	1300	9.1	0.0	
1989	90	105	0	0	2148
2494	970	1126	4.2	0.0	
1990	70	78	0	0	2124
2364	1031	1147	3.3	0.0	
1991	30	32	0	0	1798
1927	1107	1187	1.7	0.0	
1992	0	0	0	0	1713
1786	1339	1396	0.0	0.0	
1993	5	5	0	0	1711
1746	1336	1364	0.3	0.0	
1994	10	10	0	0	2156
2156	1609	1609	0.5	0.0	

Korea, North

1984	120	166	575	796	1360
1882	1600	2214	8.8	35.9	
1985	380	507	350	467	1720
2297	1380	1843	22.1	25.4	
1986	420	546	250	325	2000
2601	1700	2211	21.0	14.7	
1987	420	529	400	504	NA
NA	NA	NA	NA	NA	
1988	1000	1214	700	850	3100
3762	2400 E	2913 E	32.3	29.2	
1989	600	697	410	476	2850
3310	1950	2264	21.1	21.0	
1990	200	223	210	234	2620 E
2916 E	2020	2248	7.6	10.4	
1991	90	96	180	193	NA

NA	1025 E	1099 E	NA	17.6		
1992	10	10		100	104	1900 E
1981 E	1300 E	1356 E	0.5	7.7		
1993	5	5		110	112	1930
1970	1220	1245	0.3	9.0		
1994	50	50		30	30	NA
NA	NA	NA	NA	NA		

Korea, South

1984	470	650		480	664	30630
42390	29240	40480	1.5	1.6		
1985	430	574		170	227	31140
41580	30280	40440	1.4	0.6		
1986	575	748		130	169	31580
41070	34710	45140	1.8	0.4		
1987	700	882		70	88	41020
51700	47280	59590	1.7	0.1		
1988	675	819		80	97	51810
62880	60700	73660	1.3	0.1		
1989	600	697		60	70	61460
71380	62380	72440	1.0	0.1		
1990	1100	1224		150	167	69840
77730	65020	72360	1.6	0.2		
1991	675	724		40	43	81520
87380	71870	77040	0.8	0.1		
1992	700	730		30	31	81770
85280	76630	79910	0.9	0.0		
1993	1300	1327		50	51	83800
85530	82240	83930	1.6	0.1		
1994	1000	1000		40	40	102300
102300	96010	96010	1.0	0.0		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Kuwait

1984	650	900		0	0	6896
9544	11620	16090	9.4	0.0		
1985	370	494		0	0	6005
8019	10490	14000	6.2	0.0		
1986	180	234		0	0	5717
7434	7383	9601	3.1	0.0		
1987	200	252		0	0	5493
6923	8264	10420	3.6	0.0		
1988	260	316		0	0	6143
7455	7661	9298	4.2	0.0		
1989	470	546		0	0	6295
7310	11480	13330	7.5	0.0		
1990	280	312		0	0	3972
4421	7042	7837	7.0	0.0		
1991	480	515		0	0	4761
5103	1088	1166	10.1	0.0		
1992	1000	1043		10	10	7261
7572	6660	6945	13.8	0.2		
1993	750	765		0	0	7036
7181	10250	10460	10.7	0.0		
1994	250	250		0	0	21720
21720	11940	11940	1.2	0.0		

Kyrgyzstan

1992	0	0		0	0	419
437	316	330	0.0	0.0		
1993	0	0		10	10	418
427	268	274	0.0	3.7		
1994	0	0		0	0	347

347	339	339	0.0	0.0		
Laos						
1984	130	180 ^c		0	0	98
136	NA	NA	137.7	0.0		
1985	100	134		0	0	NA
NA	NA	NA	NA	0.0		
1986	100	130		0	0	205
267	14 E	18 E	48.8	0.0		
1987	140	176		0	0	219
276	24 E	30 E	64.0	0.0		
1988	150	182		0	0	NA
NA	56 E	68 E	NA	0.0		
1989	100	116		0	0	219
254	93 E	108 E	45.7	0.0		
1990	40	45		0	0	238 E
265 E	61 E	68 E	16.8	0.0		
1991	10	11		0	0	NA
NA	79 E	85 E	NA	0.0		
1992	10	10		0	0	266 E
277 E	97 E	101 E	3.8	0.0		
1993	30	31		0	0	338 E
345 E	136 E	139 E	8.9	0.0		
1994	90	90		0	0	528 E
528 E	277 E	277 E	17.0	0.0		
Latvia						
1992	0	0		0	0	944
984	825	860	0.0	0.0		
1993	0	0		0	0	415
424	458	467	0.0	0.0		
1994	0	0		0	0	NA
NA	NA	NA	0.0	0.0		
Lebanon						
1984	250	346		0	0	2948
4080	582	806	8.5	0.0		
1985	30	40		0	0	2203
2942	482	644	1.4	0.0		
1986	10	13		0	0	2203
2865	500	650	0.5	0.0		
1987	20	25		0	0	1829
2305	499	628	1.1	0.0		
1988	10	12		0	0	2390
2901	640	777	0.4	0.0		
1989	5	6		0	0	2267
2633	475	552	0.2	0.0		
1990	5	6		0	0	2521
2805	489	544	0.2	0.0		
1991	5	5		0	0	3729
3997	547	587	0.1	0.0		
1992	5	5		0	0	4075
4250	450	469	0.1	0.0		
1993	10	10		0	0	4371
4461	517	528	0.2	0.0		
1994	40	40		0	0	6000
6000	500	500	0.7	0.0		
	ICD	I94D		ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE		
Lesotho						
1984	10	14		0	0	504
698	28	39	2.0	0.0		

1985		0	0	0	0	377
503	21	28	0.0	0.0		
1986		0	0	0	0	393
511	25	33	0.0	0.0		
1987		0	0	0	0	518
653	36	45	0.0	0.0		
1988		0	0	0	0	523
635	66	80	0.0	0.0		
1989		0	0	0	0	594
690	66	77	0.0	0.0		
1990		0	0	0	0	640
712	59	66	0.0	0.0		
1991		0	0	0	0	820
879	68	72	0.0	0.0		
1992		0	0	0	0	1058
1103	65 E	68 E	0.0	0.0		
1993		0	0	0	0	NA
NA	93 E	95 E	0.0	0.0		
1994		0	0	0	0	NA
NA	NA	NA	0.0	0.0		
Liberia						
1984		20	28	0	0	363
502	452	626	5.5	0.0		
1985		10	13	0	0	284
379	436	582	3.5	0.0		
1986		10	13	0	0	267
347	404	525	3.7	0.0		
1987		10	13	0	0	308
388	382	481	3.2	0.0		
1988		10	12	0	0	272
330	396	481	3.7	0.0		
1989		5	6	0	0	323
375	460	534	1.5	0.0		
1990		10	11	0	0	NA
NA	1941 E	2160 E	NA	0.0		
1991		0	0	0	0	NA
NA	482 E	517 E	0.0	0.0		
1992		0	0	0	0	NA
NA	771 E	804 E	0.0	0.0		
1993		0	0	0	0	NA
NA	615 E	628 E	0.0	0.0		
1994		0	0	0	0	NA
NA	NA	NA	0.0	0.0		
Libya						
1984		2000	2768	30	42	6800
9411	11140	15410	29.4	0.3		
1985		1600	2137	90	120	4101
5477	10930	14590	39.0	0.8		
1986		1200	1560	70	91	4177
5432	7720	10040	28.7	0.9		
1987		600	756	70	88	4338
5467	8052	10150	13.8	0.9		
1988		950	1153	60	73	5859
7111	6663	8087	16.2	0.9		
1989		1100	1277	40	46	4923
5717	8034	9330	22.3	0.5		
1990		370	412	60	67	5336
5939	13220	14720	6.9	0.5		
1991		410	439	20	21	5361
5746	11230	12040	7.6	0.2		
1992		80	83	10	10	5020 E
5235 E	9948 E	10370 E	1.6	0.1		
1993		0	0	0	0	5135

5240	8047 E	8213 E	0.0	0.0		
1994	0	0	0	0	0	3916 E
3916 E	7200 E	7200 E	0.0	0.0		

Lithuania

1992	0	0	0	0	0	1084
1130	1145	1194	0.0	0.0		
1993	10	10	0	0	0	580
592	567	579	1.7	0.0		
1994	0	0	0	0	0	2700 E
2700 E	2200 E	2200 E	0.0	0.0		

Luxembourg

1984	5	7	0	0	0	2770
3834	8411	11640	0.2	0.0		
1985	5	7	0	0	0	3144
4199	9980	13330	0.2	0.0		
1986	5	7	0	0	0	NA
NA	NA	NA	NA	0.0		
1987	10	13	0	0	0	NA
NA	NA	NA	NA	0.0		
1988	5	6	0	0	0	NA
NA	NA	NA	NA	0.0		
1989	30	35	5	6	6	6210
7211	8386	9738	0.5	0.1		
1990	20	22	0	0	0	7596
8453	7041	7836	0.3	0.0		
1991	10	11	0	0	0	8044
8622	7313	7838	0.1	0.0		
1992	10	10	0	0	0	8248
8601	6691	6978	0.1	0.0		
1993	5	5	0	0	0	NA
NA	NA	NA	NA	0.0		
1994	0	0	0	0	0	NA
NA	NA	NA	0.0	0.0		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Macedonia

1992	0	0	0	0	0	NA
NA	NA	NA	0.0	0.0		
1993	0	0	0	0	0	950
970	1060 E	1082 E	0.0	0.0		
1994	10	10	0	0	0	1482
1482	NA	NA	0.7	0.0		

Madagascar

1984	10	14	0	0	0	366
507	332	459	2.7	0.0		
1985	30	40	0	0	0	402
537	274	366	7.5	0.0		
1986	20	26	0	0	0	353
459	313	407	5.7	0.0		
1987	30	38	0	0	0	302
381	331	417	9.9	0.0		
1988	10	12	0	0	0	360
437	278	337	2.8	0.0		
1989	30	35	0	0	0	342
397	316	367	8.8	0.0		
1990	10	11	0	0	0	571
635	319	355	1.8	0.0		
1991	0	0	0	0	0	450
482	305	327	0.0	0.0		
1992	0	0	0	0	0	448

467	277	289	0.0	0.0		
1993	0	0	0	0	0	468
478	261	266	0.0	0.0		
1994	0	0	0	0	0	434
434	277	277	0.0	0.0		
Malawi						
1984	5	7		0	0	271
375	314	435	1.8	0.0		
1985	5	7		0	0	285
381	249	333	1.8	0.0		
1986	10	13		0	0	260
338	248	322	3.8	0.0		
1987	5	6		0	0	295
372	277	349	1.7	0.0		
1988	10	12		0	0	406
493	288	350	2.5	0.0		
1989	5	6		0	0	503
584	267	310	1.0	0.0		
1990	0	0		0	0	581
647	417	464	0.0	0.0		
1991	0	0		0	0	703
754	472	506	0.0	0.0		
1992	0	0		0	0	718
749	383	399	0.0	0.0		
1993	20	20		0	0	546
557	320	327	3.7	0.0		
1994	0	0		0	0	NA
NA	NA	NA	0.0	0.0		

Malaysia						
1984	410	567		0	0	14070
19470	16590	22960	2.9	0.0		
1985	470	628		0	0	12300
16430	15440	20620	3.8	0.0		
1986	60	78		0	0	10820
14070	13750	17880	0.6	0.0		
1987	70	88		0	0	12700
16010	17940	22610	0.6	0.0		
1988	40	49		0	0	16550
20090	21110	25620	0.2	0.0		
1989	70	81		0	0	22500
26120	25050	29090	0.3	0.0		
1990	40	45		0	0	29260
32560	29420	32740	0.1	0.0		
1991	100	107		0	0	36650
39280	34350	36820	0.3	0.0		
1992	90	94		0	0	39960
41670	40710	42460	0.2	0.0		
1993	110	112		0	0	45660
46600	47120	48090	0.2	0.0		
1994	330	330		50	50	59580
59580	58760	58760	0.6	0.1		

Mali						
1984	40	55		0	0	278
385	133	184	14.4	0.0		
1985	10	13		0	0	299
399	124	166	3.3	0.0		
1986	5	7		0	0	444
577	212	276	1.1	0.0		
1987	40	50		0	0	374
471	179	226	10.7	0.0		
1988	70	85		0	0	503
610	251	305	13.9	0.0		

1989	10	12	10	12	340
395	247	287	2.9	4.0	
1990	10	11		0	602
670	359	400	1.7	0.0	
1991	10	11		0	756 E
810 E	354	379	1.3	0.0	
1992	0	0		0	848 E
884 E	NA	NA	0.0	0.0	
1993	0	0		0	842 E
859 E	415 E	424 E	0.0	0.0	
1994	0	0		0	NA
NA	NA	NA	0.0	0.0	

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
Malta					
1984	0	0	0	0	717
992	394	545	0.0	0.0	
1985	0	0	0	0	759
1014	400	534	0.0	0.0	
1986	0	0	0	0	887
1153	497	646	0.0	0.0	
1987	0	0	0	0	1139
1436	605	763	0.0	0.0	
1988	0	0	0	0	1353
1642	714	867	0.0	0.0	
1989	0	0	0	0	1479
1718	844	980	0.0	0.0	
1990	0	0	0	0	1964
2186	1133	1261	0.0	0.0	
1991	0	0	0	0	2130
2283	1234	1323	0.0	0.0	
1992	0	0	0	0	2331
2431	1540	1606	0.0	0.0	
1993	0	0	0	0	2174
2219	1355	1383	0.0	0.0	
1994	0	0	0	0	2461
2461	1530	1530	0.0	0.0	
Mauritania					
1984	20	28	0	0	208
288	291	403	9.6	0.0	
1985	0	0	0	0	234
312	374	499	0.0	0.0	
1986	5	7	0	0	221
287	360	468	2.3	0.0	
1987	0	0	0	0	235
296	428	539	0.0	0.0	
1988	10	12	0	0	240
291	354	430	4.2	0.0	
1989	30	35	0	0	222
258	437	507	13.5	0.0	
1990	0	0	0	0	639
711	469	522	0.0	0.0	
1991	0	0	0	0	502 E
538 E	518 E	555 E	0.0	0.0	
1992	0	0	0	0	NA
NA	444 E	463 E	0.0	0.0	
1993	0	0	0	0	378 E
386 E	425 E	434 E	0.0	0.0	
1994	0	0	0	0	NA
NA	NA	NA	0.0	0.0	

Mauritius

1984		0	0	0	0	470
650	372	515	0.0	0.0		
1985		0	0	0	0	523
698	436	582	0.0	0.0		
1986		0	0	0	0	676
879	662	861	0.0	0.0		
1987		0	0	0	0	993
1252	884	1114	0.0	0.0		
1988		0	0	0	0	1261
1530	994	1206	0.0	0.0		
1989		5	6	0	0	1325
1539	986	1145	0.4	0.0		
1990		5	6	0	0	1618
1801	1194	1329	0.3	0.0		
1991		0	0	0	0	1575
1688	1195	1281	0.0	0.0		
1992		5	5	0	0	1630
1700	1297	1353	0.3	0.0		
1993		5	5	0	0	1715
1750	1299	1326	0.3	0.0		
1994		0	0	0	0	1926
1926	1347	1347	0.0	0.0		

Mexico

1984	20	28		10	14	11790
16310	24410	33780	0.2	0.0		
1985	30	40		10	13	13990
18690	22110	29530	0.2	0.0		
1986	110	143		10	13	12000
15600	16350	21260	0.9	0.1		
1987	260	328		10	13	12730
16050	20890	26330	2.0	0.0		
1988	70	85		10	12	19590
23780	20760	25200	0.4	0.0		
1989	90	105		10	12	24440
28380	23050	26760	0.4	0.0		
1990	110	122		20	22	29970
33350	27130	30190	0.4	0.1		
1991	60	64		20	21	38120
40860	27320	29280	0.2	0.1		
1992	110	115		20	21	48160
50220	27720	28910	0.2	0.1		
1993	20	20		20	20	50150
51180	30240	30860	0.0	0.1		
1994	80	80		20	20	60980
60980	34510	34510	0.1	0.1		

Moldova

1992	5	5		0	0	576
601	366	381	0.9	0.0		
1993	0	0		0	0	912
931	332	339	0.0	0.0		
1994	0	0		80	80	1251
1251	398	398	0.0	20.1		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Mongolia

1984	40	55		0	0	NA
NA	NA	NA	NA	0.0		
1985	5	7		0	0	1000
1335	388	518	0.5	0.0		
1986	10	13		0	0	NA
NA	NA	NA	NA	0.0		

1987		0	0	0	0	NA
NA	NA	NA	0.0	0.0		
1988		0	0	0	0	NA
NA	NA	NA	0.0	0.0		
1989		0	0	0	0	NA
NA	NA	NA	0.0	0.0		
1990		0	0	0	0	924
1028	661	736	0.0	0.0		
1991		0	0	0	0	361
387	348	373	0.0	0.0		
1992		0	0	0	0	418
436	389	406	0.0	0.0		
1993		0	0	0	0	362
369	381	389	0.0	0.0		
1994		0	0	0	0	223
223	324	324	0.0	0.0		

Morocco

1984	210	291		0	0	3911
5413	2080	2879	5.4	0.0		
1985	110	147		0	0	3849
5140	2165	2891	2.9	0.0		
1986	100	130		0	0	3803
4945	2454	3191	2.6	0.0		
1987	410	517		0	0	4230
5331	2826	3562	9.7	0.0		
1988	220	267		0	0	4773
5793	3603	4373	4.6	0.0		
1989	110	128		0	0	5492
6378	3307	3840	2.0	0.0		
1990	230	256		0	0	6800
7568	4265	4747	3.4	0.0		
1991	60	64		0	0	6873
7367	4313	4623	0.9	0.0		
1992	90	94		0	0	7348
7663	3984	4155	1.2	0.0		
1993	70	71		0	0	6760
6899	3991	4073	1.0	0.0		
1994	130	130		0	0	7188
7188	3967	3967	1.8	0.0		

Mozambique

1984	370	512		0	0	540
747	96	133	68.5	0.0		
1985	270	361		0	0	424
566	77	103	63.7	0.0		
1986	170	221		0	0	543
706	79	103	31.3	0.0		
1987	140	176		0	0	642
809	97	122	21.8	0.0		
1988	170	206		0	0	736
893	103	125	23.1	0.0		
1989	130	151		0	0	808
938	105	122	16.1	0.0		
1990	140	156		0	0	878
977	126	140	15.9	0.0		
1991	50	54		0	0	899
964	162	174	5.6	0.0		
1992	5	5		0	0	855
892	139	145	0.6	0.0		
1993	0	0		0	0	955
975	132	135	0.0	0.0		
1994	0	0		0	0	1140 E
1140 E	150 E	150 E	0.0	0.0		

Myanmar (see Burma)

Namibia							
1990	0	0	0	0	0	1163	
1294	1084	1207	0.0	0.0			
1991	0	0	0	0	0	1149	
1232	1232	1321	0.0	0.0			
1992	0	0	0	0	0	1283	
1338	1342	1399	0.0	0.0			
1993	0	0	0	0	0	1188	
1212	1290	1317	0.0	0.0			
1994	10	10	0	0	0	1196	
1196	1321	1321	0.8	0.0			

Nepal							
1984	0	0	0	0	0	416	
576	128	177	0.0	0.0			
1985	5	7	0	0	0	453	
605	160	214	1.1	0.0			
1986	0	0	0	0	0	459	
597	142	185	0.0	0.0			
1987	0	0	0	0	0	570	
718	151	190	0.0	0.0			
1988	20	24	0	0	0	681	
826	190	231	2.9	0.0			
1989	0	0	0	0	0	580	
674	158	183	0.0	0.0			
1990	10	11	0	0	0	686	
763	210	234	1.5	0.0			
1991	0	0	0	0	0	758	
812	264	283	0.0	0.0			
1992	0	0	0	0	0	792	
826	374	390	0.0	0.0			
1993	0	0	0	0	0	880	
898	390	398	0.0	0.0			
1994	10	10	0	0	0	NA	
NA	NA	NA	NA	0.0			

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
-------	-------------	---------------	-------------	--------------	------

Netherlands					
1984	600	830	260	360	69390
96040	74670	103300	0.9	0.3	
1985	525	701	160	214	73270
97840	77860	104000	0.7	0.2	
1986	500	650	130	169	78060
101500	83340	108400	0.6	0.2	
1987	650	819	675	851	91310
115100	92850	117000	0.7	0.7	
1988	900	1092	750	910	99470
120700	103300	125400	0.9	0.7	
1989	600	697	230	267	104300
121200	108300	125700	0.6	0.2	
1990	575	640	200	223	126100
140300	131800	146700	0.5	0.2	
1991	430	461	100	107	125900
134900	133600	143200	0.3	0.1	
1992	320	334	180	188	134600
140400	140300	146300	0.2	0.1	
1993	160	163	240	245	124400
127000	139100	142000	0.1	0.2	
1994	220	220	110	110	143600
143600	156600	156600	0.2	0.1	

New Zealand							
1984	60	83	0	0	6203		
8585	5518	7637	1.0	0.0			
1985	80	107	0	0	5992		
8002	5720	7639	1.3	0.0			
1986	60	78	0	0	6063		
7884	5880	7646	1.0	0.0			
1987	50	63	0	0	7276		
9170	7195	9068	0.7	0.0			
1988	70	85	5	6	7342		
8911	8784	10660	1.0	0.1			
1989	60	70	0	0	8784		
10200	8875	10310	0.7	0.0			
1990	40	45	0	0	9501		
10570	9488	10560	0.4	0.0			
1991	80	86	0	0	8381		
8983	9598	10290	1.0	0.0			
1992	80	83	0	0	9202		
9596	9824	10240	0.9	0.0			
1993	60	61	0	0	9636		
9835	10540	10750	0.6	0.0			
1994	10	10	0	0	11910		
11910	12180	12180	0.1	0.0			

Nicaragua

Nicaragua ^c							
1984	350	484	0	0	848		
1174	386	534	41.3	0.0			
1985	280	374	0	0	964		
1287	302	403	29.0	0.0			
1986	600	780	0	0	857		
1114	247	321	70.0	0.0			
1987	525	662	0	0	827		
1042	273	344	63.5	0.0			
1988	650	789	0	0	805		
977	233	283	80.7	0.0			
1989	340	395	0	0	615		
714	311	361	55.3	0.0			
1990	70	78	0	0	638		
710	331	368	11.0	0.0			
1991	80	86	0	0	751		
805	275	295	10.7	0.0			
1992	5	5	30	31	892		
930	218	227	0.6	13.8			
1993	5	5	0	0	746		
761	267	273	0.7	0.0			
1994	0	0	0	0	786 E		
786 E	329 E	329 E	0.0	0.0			

Niger

1984	0	0	0	0	288		
399	259	358	0.0	0.0			
1985	0	0	0	0	369		
493	259	346	0.0	0.0			
1986	20	26	0	0	368		
479	318	413	5.4	0.0			
1987	10	13	0	0	311		
392	312	394	3.2	0.0			
1988	5	6	0	0	387		
469	289	351	1.3	0.0			
1989	5	6	0	0	363		
422	244	283	1.4	0.0			
1990	5	6	0	0	389		
433	283	315	1.3	0.0			

1991	0	0	0	0	0	355
381	312	334	0.0	0.0		
1992	0	0	0	0	0	477 E
497 E	185 E	193 E	0.0	0.0		
1993	0	0	0	0	0	503 E
513 E	240 E	245 E	0.0	0.0		
1994	0	0	0	0	0	NA
NA	NA	NA	0.0	0.0		

Nigeria

1984	575	796		0	0	9364
12960	11860	16410	6.1	0.0		
1985	340	454		0	0	8877
11850	12550	16760	3.8	0.0		
1986	330	429		5	7	4034
5246	5155	6703	8.2	0.1		
1987	270	340		0	0	3912
4931	7365	9283	6.9	0.0		
1988	40	49		0	0	4727
5737	6876	8345	0.8	0.0		
1989	10	12		20	23	4190
4866	7871	9140	0.2	0.3		
1990	20	22		0	0	5688
6330	13670	15210	0.4	0.0		
1991	130	139		0	0	9031
9680	12260	13150	1.4	0.0		
1992	120	125		0	0	8119
8467	11890	12390	1.5	0.0		
1993	50	51		0	0	7508
7663	9914	10120	0.7	0.0		
1994	0	0		0	0	5435 E
5435 E	NA	NA	0.0	0.0		

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
-------	-------------	---------------	-------------	--------------	------

Norway

1984	230	318		30	42	13880
19220	18890	26140	1.7	0.2		
1985	170	227		30	40	15560
20770	19980	26690	1.1	0.2		
1986	250	325		30	39	20300
26400	18090	23530	1.2	0.2		
1987	440	555		40	50	22640
28530	21490	27090	1.9	0.2		
1988	430	522		50	61	23220
28180	22440	27230	1.9	0.2		
1989	360	418		50	58	23670
27480	27060	31430	1.5	0.2		
1990	470	523		20	22	27230
30310	34050	37890	1.7	0.1		
1991	300	322		80	86	25570
27410	34110	36560	1.2	0.2		
1992	310	323		40	42	25900
27010	35180	36680	1.2	0.1		
1993	140	143		50	51	23960
24450	31850	32510	0.6	0.2		
1994	90	90		50	50	27310
27310	34690	34690	0.3	0.1		

Oman

1984	310	429		0	0	2748
3803	3926	5434	11.3	0.0		
1985	140	187		0	0	3153
4211	4705	6283	4.4	0.0		

1986	110	143		5	7	2402
3123	2516	3272	4.6	0.2		
1987	110	139		0	0	1822
2296	3198	4031	6.0	0.0		
1988	30	36		0	0	2202
2672	2625	3186	1.4	0.0		
1989	60	70		0	0	2257
2621	4068	4724	2.7	0.0		
1990	10	11		0	0	2681
2984	5508	6130	0.4	0.0		
1991	50	54		0	0	3194
3423	4871	5221	1.6	0.0		
1992	10	10		0	0	3769
3930	7462 E	7781 E	0.3	0.0		
1993	120	122		0	0	4114
4199	7251 E	7400 E	2.9	0.0		
1994	50	50		0	0	3915
3915	4600	4600	1.3	0.0		

Pakistan

1984	750	1038		310	429	5853
8101	2558	3540	12.8	12.1		
1985	360	481		40	53	5890
7866	2740	3659	6.1	1.5		
1986	360	468		5	7	5374
6988	3384	4400	6.7	0.1		
1987	330	416		5	6	5822
7338	4172	5258	5.7	0.1		
1988	480	583		20	24	6590
7998	4522	5488	7.3	0.4		
1989	550	639		30	35	7143
8295	4709	5468	7.7	0.6		
1990	800	890		50	56	7376
8209	5589	6220	10.8	0.9		
1991	220	236		50	54	8439
9046	6528	6997	2.6	0.8		
1992	450	469		30	31	9379
9781	7317	7630	4.8	0.4		
1993	525	536		5	5	9500
9696	6688	6826	5.5	0.1		
1994	260	260		5	5	8889
8889	7365	7365	2.9	0.1		

Panama

1984	10	14		0	0	1423
1969	274	379	0.7	0.0		
1985	10	13		0	0	1392
1859	334	446	0.7	0.0		
1986	10	13		0	0	1229
1598	349	454	0.8	0.0		
1987	20	25		0	0	1306
1646	358	451	1.5	0.0		
1988	10	12		0	0	751
911	307	373	1.3	0.0		
1989	10	12		0	0	986
1145	318	369	1.0	0.0		
1990	5	6		0	0	1539
1713	340	378	0.3	0.0		
1991	5	5		0	0	1695
1817	358	384	0.3	0.0		
1992	0	0		10	10	2024
2111	502	523	0.0	2.0		
1993	0	0		5	5	2188
2233	553	564	0.0	0.9		
1994	0	0		0	0	2404

2404	583	583	0.0	0.0		
Papua New Guinea						
1984	30	42		0	0	1110
1536	892	1235	2.7	0.0		
1985	10	13		0	0	1008
1346	912	1218	1.0	0.0		
1986	0	0		0	0	1080
1404	1033	1343	0.0	0.0		
1987	10	13		0	0	1165
1468	1161	1463	0.9	0.0		
1988	30	36		0	0	1393
1691	1399	1698	2.2	0.0		
1989	50	58		0	0	1530
1777	1404	1630	3.3	0.0		
1990	10	11		0	0	1194
1329	1144	1273	0.8	0.0		
1991	10	11		0	0	1614
1730	1338	1434	0.6	0.0		
1992	60	63		0	0	1485
1549	1810	1887	4.0	0.0		
1993	0	0		0	0	1299
1326	2491	2542	0.0	0.0		
1994	0	0		0	0	1521
1521	2640	2640	0.0	0.0		

	ICD	I94D	ECD	E94D	TICD	
TI94D	TECD	TE94D	IXTI	EXTE		
Paraguay						
1984	20	28		0	0	586
811	335	464	3.4	0.0		
1985	20	27		0	0	502
670	304	406	4.0	0.0		
1986	10	13		0	0	578
752	234	304	1.7	0.0		
1987	0	0		0	0	595
750	353	445	0.0	0.0		
1988	30	36		0	0	574
697	510	619	5.2	0.0		
1989	0	0		0	0	760
883	1009	1172	0.0	0.0		
1990	5	6		0	0	1352
1505	959	1067	0.4	0.0		
1991	0	0		0	0	1460
1565	737	790	0.0	0.0		
1992	10	10		0	0	1422
1483	657	685	0.7	0.0		
1993	10	10		0	0	1689
1724	725	740	0.6	0.0		
1994	10	10		0	0	NA
NA	NA	NA	NA	0.0		

Peru						
1984	200	277		0	0	2212
3061	3147	4356	9.0	0.0		
1985	60	80		0	0	1835
2450	2979	3978	3.3	0.0		
1986	170	221		0	0	2909
3783	2531	3291	5.8	0.0		
1987	440	555		0	0	3562
4489	2661	3354	12.4	0.0		
1988	30	36		0	0	3348
4063	2701	3278	0.9	0.0		
1989	170	197		0	0	2749

3192	3488	4050	6.2	0.0		
1990	50	56		0	0	3470
3862	3231	3596	1.4	0.0		
1991	50	54		0	0	4195
4497	3329	3568	1.2	0.0		
1992	60	63		0	0	4860
5068	3484	3633	1.2	0.0		
1993	10	10		0	0	4901
5002	3463	3534	0.2	0.0		
1994	20	20		0	0	6752
6752	4507	4507	0.3	0.0		

Philippines

1984	50	69		10	14	6432
8902	5274	7299	0.8	0.2		
1985	50	67		10	13	5459
7290	4607	6152	0.9	0.2		
1986	60	78		10	13	5394
7014	4770	6203	1.1	0.2		
1987	70	88		0	0	7144
9004	5649	7120	1.0	0.0		
1988	90	109		0	0	8721
10580	7032	8534	1.0	0.0		
1989	100	116		0	0	11170
12970	7755	9006	0.9	0.0		
1990	120	134		0	0	13040
14510	8068	8979	0.9	0.0		
1991	140	150		0	0	12790
13710	8767	9397	1.1	0.0		
1992	130	136		0	0	15450
16110	9752	10170	0.8	0.0		
1993	50	51		0	0	18750
19140	11090	11320	0.3	0.0		
1994	100	100		0	0	22550
22550	13340	13340	0.4	0.0		

Poland

1984	490	678		1000	1384	10980
15200	11750	16260	4.5	8.5		
1985	500	668		1300	1736	11850
15830	11490	15340	4.2	11.3		
1986	1200	1560		1500	1951	11530
15000	12070	15700	10.4	12.4		
1987	825	1040		1300	1638	11210
14130	12200	15380	7.4	10.7		
1988	1000	1214		1200	1456	12710
15430	13960	16940	7.9	8.6		
1989	625	726		400	465	10660
12380	13470	15640	5.9	3.0		
1990	250	278		60	67	8413
9363	13630	15170	3.0	0.4		
1991	0	0		110	118	15760
16890	14900	15970	0.0	0.7		
1992	0	0		20	21	15700
16370	13320	13890	0.0	0.2		
1993	0	0		10	10	18830
19220	14140	14430	0.0	0.1		
1994	5	5		30	30	21380
21380	17040	17040	0.0	0.2		

Portugal

1984	100	138		110	152	7961
11020	5200	7197	1.3	2.1		
1985	260	347		210	280	7652
10220	5685	7592	3.4	3.7		

1986	30	39	220	286	9650
12550	7242	9417	0.3	3.0	
1987	60	76	60	76	13970
17600	9320	11750	0.4	0.6	
1988	70	85	100	121	17870
21680	10990	13340	0.4	0.9	
1989	200	232	60	70	19070
22150	12800	14860	1.0	0.5	
1990	360	401	10	11	25260
28120	16420	18270	1.4	0.1	
1991	600	643	5	5	26110
27990	16280	17450	2.3	0.0	
1992	100	104	20	21	29580
30850	18350	19140	0.3	0.1	
1993	140	143	5	5	24340
24840	15430	15750	0.6	0.0	
1994	320	320	100	100	26550
26550	17360	17360	1.2	0.6	

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	
Qatar					
1984	210	291	0	0	1162
1608	4258	5893	18.1	0.0	
1985	40	53	0	0	1139
1521	4203	5613	3.5	0.0	
1986	5	7	0	0	1099
1429	2720	3537	0.5	0.0	
1987	0	0	0	0	1162
1464	1995 E	2514 E	0.0	0.0	
1988	30	36	0	0	1267
1538	2078 E	2522 E	2.4	0.0	
1989	180	209	0	0	1326
1540	2504 E	2908 E	13.6	0.0	
1990	100	111	0	0	1695
1886	3291 E	3663 E	5.9	0.0	
1991	20	21	0	0	1720
1844	3180 E	3409 E	1.2	0.0	
1992	40	42	0	0	2015
2101	3624 E	3779 E	2.0	0.0	
1993	0	0	10	10	2000
2041	3100	3164	0.0	0.3	
1994	0	0	130	130	NA
NA	NA	NA	0.0	NA	

Romania					
1984	130	180	310	429	11160
15450	12650	17500	1.2	2.5	
1985	40	53	440	588	11270
15050	12170	16250	0.4	3.6	
1986	500	650	330	429	11440
14870	9763	12700	4.4	3.4	
1987	120	151	250	315	8978
11320	10490	13220	1.3	2.4	
1988	30	36	220	267	8254
10020	11390	13830	0.4	1.9	
1989	10	12	80	93	9122
10590	10490	12180	0.1	0.8	
1990	825	918	0	0	9843
10950	5870	6533	8.4	0.0	
1991	170	182	0	0	5793
6209	4266	4573	2.9	0.0	
1992	30	31	20	21	6260
6528	4363	4550	0.5	0.5	

1993	0	0	10	10	6522
6656	4892	4993	0.0	0.2	
1994	0	0	40	40	7109
7109	6151	6151	0.0	0.7	
Russia					
1992	0	0	2300	2398	36900
38480	42400	44220	0.0	5.4	
1993	0	0	3100	3164	43700
44600	58200	59400	0.0	5.3	
1994	0	0	1300	1300	51600
51600	66600	66600	0.0	2.0	
Rwanda					
1984	5	7	0	0	278
385	145	201	1.8	0.0	
1985	0	0	0	0	298
398	131	175	0.0	0.0	
1986	0	0	0	0	349
454	189	246	0.0	0.0	
1987	10	13	0	0	352
444	114	144	2.8	0.0	
1988	10	12	0	0	370
449	108	131	2.7	0.0	
1989	20	23	0	0	333
387	88	102	6.0	0.0	
1990	0	0	0	0	288
321	110	122	0.0	0.0	
1991	0	0	0	0	306
328	93	99	0.0	0.0	
1992	0	0	0	0	287
299	67	70	0.0	0.0	
1993	10	10	0	0	250 E
255 E	44 E	45 E	4.0	0.0	
1994	80	80	0	0	NA
NA	NA	NA	NA	0.0	
Sao Tome and Principe					
1984	0	0 ^c	0	0	NA
NA	NA	NA	0.0	0.0	
1985	0	0	0	0	10
13	6	8	0.0	0.0	
1986	20	26	0	0	17
22	10	13	117.6	0.0	
1987	5	6	0	0	14
18	7	9	35.7	0.0	
1988	0	0	0	0	14
17	10	12	0.0	0.0	
1989	5	6	0	0	18
21	5	6	27.8	0.0	
1990	5	6	0	0	21
23	4	4	23.8	0.0	
1991	0	0	0	0	25
27	6	6	0.0	0.0	
1992	0	0	0	0	25
26	5	5	0.0	0.0	
1993	0	0	0	0	22
22	5	5	0.0	0.0	
1994	0	0	0	0	NA
NA	NA	NA	0.0	0.0	

TI94D	ICD TECD	I94D TE94D	IXTI	ECD EXTE	E94D	TICD
-------	-------------	---------------	------	-------------	------	------

Saudi Arabia	h	h					
1984	7100	9827	40	55	33700		
46640	37540	51960	21.1	0.1			
1985	7000	9348	10	13	23620		
31550	27480	36700	29.6	0.0			
1986	7300	9493	20	26	19110		
24850	20180	26250	38.2	0.1			
1987	6800	8570	20	25	20110		
25350	23200	29240	33.8	0.1			
1988	6200	7525	10	12	21780		
26440	24380	29590	28.5	0.0			
1989	5900	6851	5	6	21150		
24560	28380	32960	27.9	0.0			
1990	7800	8681	0	0	24070		
26790	44420	49430	32.4	0.0			
1991	7500	8039	0	0	29080		
31170	47800	51230	25.8	0.0			
1992	8500	8864	5	5	33240		
34670	50280	52430	25.6	0.0			
1993	6800	6940	0	0	28220		
28810	42390	43270	24.1	0.0			
1994	5200	5200	10	10	23340		
23340	42000	42000	22.3	0.0			

Senegal

1984	0	0	0	0	981		
1358	634	877	0.0	0.0			
1985	5	7	0	0	826		
1103	562	751	0.6	0.0			
1986	5	7	0	0	961		
1250	625	813	0.5	0.0			
1987	30	38	0	0	1024		
1291	606	764	2.9	0.0			
1988	10	12	0	0	1080		
1310	591	717	0.9	0.0			
1989	5	6	0	0	1221		
1418	693	805	0.4	0.0			
1990	0	0	0	0	1314		
1462	762	848	0.0	0.0			
1991	10	11	0	0	1097		
1176	652	699	0.9	0.0			
1992	10	10	0	0	1170		
1220	682	711	0.9	0.0			
1993	10	10	0	0	1228		
1253	573 E	584 E	0.8	0.0			
1994	5	5	0	0	1168 E		
1168 E	635 E	635 E	0.4	0.0			

Serbia and Montenegro

1992	0	0	100	104	NA		
NA	NA	NA	0.0	NA			
1993	0	0	0	0	NA		
NA	NA	NA	0.0	0.0			
1994	0	0	5	5	NA		
NA	NA	NA	0.0	NA			

Sierra Leone

1984	0	0	0	0	157		
217	133	184	0.0	0.0			
1985	0	0	0	0	151		
202	130	174	0.0	0.0			
1986	0	0	0	0	132		
172	144	187	0.0	0.0			
1987	10	13	0	0	137		
173	130	164	7.3	0.0			

1988		0	0	0	0	156
189	106	129	0.0	0.0		
1989		0	0	0	0	183
213	138	160	0.0	0.0		
1990		0	0	0	0	149
166	138	154	0.0	0.0		
1991		0	0	0	0	163
175	145	155	0.0	0.0		
1992	10	10		0	0	146
152	149	155	6.8	0.0		
1993		0	0	0	0	147
150	118	120	0.0	0.0		
1994		0	0	0	0	150
150	115	115	0.0	0.0		

Singapore

1984	180	249		70	97	28670
39680	24070	33310	0.6	0.3		
1985	180	240		40	53	26280
35100	22810	30460	0.7	0.2		
1986	320	416		60	78	25510
33170	22490	29250	1.3	0.3		
1987	200	252		40	50	32560
41040	28690	36160	0.6	0.1		
1988	380	461		50	61	43860
53240	39310	47700	0.9	0.1		
1989	190	221		90	105	49670
57680	44660	51870	0.4	0.2		
1990	230	256		30	33	60900
67780	52750	58710	0.4	0.1		
1991	360	386		50	54	66290
71060	59020	63270	0.5	0.1		
1992	180	188		30	31	72180
75270	63480	66200	0.2	0.0		
1993	180	184		20	20	85230
86990	74010	75540	0.2	0.0		
1994	270	270		20	20	102700
102700	96830	96830	0.3	0.0		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Slovakia

1993	230	235		50	51	6655
6792	5451	5563	3.5	0.9		
1994	0	0		10	10	6823
6823	6587	6587	0.0	0.2		

Slovenia

1992	0	0		0	0	NA
NA	NA	NA	0.0	0.0		
1993	0	0		0	0	6498
6632	6088	6213	0.0	0.0		
1994	10	10		5	5	7334
7334	6825	6825	0.1	0.1		

Somalia

1984	150	208		0	0	103
143	44	61	145.6	0.0		
1985	80	107		0	0	112
150	91	122	71.4	0.0		
1986	30	39		0	0	279
363	85	111	10.8	0.0		
1987	20	25		0	0	132

166	104	131	15.2	0.0		
1988	40	49		0	0	294 E
357 E	126 E	153 E	13.6	0.0		
1989	50	58		0	0	NA
NA	120 E	139 E	NA	0.0		
1990	30	33		0	0	249 E
277 E	150 E	167 E	12.0	0.0		
1991	10	11		0	0	151 E
162 E	91 E	98 E	6.6	0.0		
1992	20	21		0	0	184 E
192 E	118 E	123 E	10.9	0.0		
1993	5	5		0	0	205 E
209 E	117 E	119 E	2.4	0.0		
1994	0	0		0	0	NA
NA	NA	NA	0.0	0.0		

South Africa

1984	10	14		0	0	16230
22470	17350	24010	0.1	0.0		
1985	20	27		90	120	11470
15320	16520	22070	0.2	0.5		
1986	20	26		30	39	12990
16890	18450	24000	0.2	0.2		
1987	40	50		20	25	15330
19320	23540	29670	0.3	0.1		
1988	10	12		130	158	18760
22760	21550	26150	0.1	0.6		
1989	100	116		200	232	18500
21480	22190	25770	0.5	0.9		
1990	0	0		50	56	18400
20480	23550	26210	0.0	0.2		
1991	90	96		10	11	18830
20190	23310	24980	0.5	0.0		
1992	0	0		90	94	19760
20610	23410	24420	0.0	0.4		
1993	0	0		160	163	20020
20430	24260	24760	0.0	0.7		
1994	20	20		50	50	23390
23390	24990	24990	0.1	0.2		

Soviet Union

				f	f	
1984	1400	1938		19400	26850	80410
111300	91490	126600	1.7	21.2		
1985	1200	1602		16700	22300	83310
111300	87200	116400	1.4	19.2		
1986	1400	1821		21500	27960	88870
115600	97050	126200	1.6	22.2		
1987	1400	1764		23100	29110	95970
121000	107700	135700	1.5	21.5		
1988	1200	1456		22000	26700	107300
130200	110700	134400	1.1	19.9		
1989	900	1045		19100	22180	114700
133200	109300	126900	0.8	17.5		
1990	100	111		16100	17920	139000
154700	101000	112400	0.1	15.9		
1991	0	0		7400	7932	78000
83610	68000	72890	0.0	10.9		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Spain					
1984	220	304	1100	1522	28830
39900	23510	32540	0.8	4.7	
1985	190	254	575	768	29960

40010	24250	32380	0.6	2.4		
1986	360	468		270	351	35060
45590	27210	35380	1.0	1.0		
1987	1200	1512		575	725	49110
61900	34190	43090	2.4	1.7		
1988	975	1183		625	759	59640
72390	40340	48960	1.6	1.5		
1989	1000	1161		180	209	70950
82400	44490	51670	1.4	0.4		
1990	480	534		350	390	87710
97620	55640	61930	0.5	0.6		
1991	230	247		90	96	93310
100000	60180	64500	0.2	0.1		
1992	270	282		170	177	99760
104000	64330	67090	0.3	0.3		
1993	300	306		160	163	78630
80250	59550	60780	0.4	0.3		
1994	525	525		280	280	92510
92510	73290	73290	0.6	0.4		

Sri Lanka

1984	20	28		0	0	1867
2584	1451	2008	1.1	0.0		
1985	40	53		0	0	1843
2461	1293	1727	2.2	0.0		
1986	10	13		0	0	1857
2415	1215	1580	0.5	0.0		
1987	50	63		0	0	2058
2594	1368	1724	2.4	0.0		
1988	20	24		0	0	2262
2745	1479	1795	0.9	0.0		
1989	10	12		0	0	2188
2541	1545	1794	0.5	0.0		
1990	10	11		0	0	2685
2988	1983	2207	0.4	0.0		
1991	60	64		0	0	3054
3274	2039	2186	2.0	0.0		
1992	5	5		0	0	3445
3592	2455	2560	0.1	0.0		
1993	20	20		0	0	3991
4073	2859	2918	0.5	0.0		
1994	100	100		0	0	4776
4776	3208	3208	2.1	0.0		

Sudan

1984	120	166		0	0	1147
1587	629	871	10.5	0.0		
1985	60	80		0	0	771
1030	374	499	7.8	0.0		
1986	90	117		5	7	961
1250	333	433	9.4	1.5		
1987	90	113		0	0	871
1098	504	635	10.3	0.0		
1988	110	134		0	0	1060
1286	509	618	10.4	0.0		
1989	70	81		0	0	1352 E
1570 E	672	780	5.2	0.0		
1990	70	78		0	0	1303 E
1450 E	518 E	576 E	5.4	0.0		
1991	90	96		0	0	1393 E
1493 E	368 E	394 E	6.5	0.0		
1992	70	73		0	0	1193 E
1244 E	325 E	339 E	5.9	0.0		
1993	5	5		0	0	1145 E
1169 E	350 E	357 E	0.4	0.0		

1994	0	0	0	0	0	1700 E
1700 E	411 E	411 E	0.0	0.0		
Suriname						
1984	20	28	0	0	0	346
479	356	493	5.8	0.0	0	299
1985	10	13	0	0	0	299
399	329	439	3.3	0.0	0	327
1986	10	13	0	0	0	327
425	335	436	3.1	0.0	0	294
1987	0	0	0	0	0	294
371	306	386	0.0	0.0	0	351
1988	0	0	0	0	0	351
426	409	496	0.0	0.0	0	443
1989	0	0	0	0	0	443
514	542	629	0.0	0.0	0	472
1990	5	6	0	0	0	472
525	472	525	1.1	0.0	0	470
1991	0	0	0	0	0	470
504	420	450	0.0	0.0	0	468 E
1992	0	0	0	0	0	468 E
488 E	391 E	408 E	0.0	0.0	0	436 E
1993	0	0	0	0	0	436 E
445 E	375 E	382 E	0.0	0.0	0	NA
1994	0	0	0	0	0	NA
NA	NA	NA	0.0	0.0		

Swaziland

1984	0	0	0	0	0	447
619	237	328	0.0	0.0	0	323
1985	0	0	0	0	0	323
431	176	235	0.0	0.0	0	352
1986	0	0	0	0	0	352
458	267	347	0.0	0.0	0	435
1987	0	0	0	0	0	435
548	406	512	0.0	0.0	0	516
1988	0	0	0	0	0	516
627	453	550	0.0	0.0	0	583
1989	0	0	0	0	0	583
677	495	575	0.0	0.0	0	663
1990	0	0	0	0	0	663
738	557	620	0.0	0.0	0	718
1991	0	0	0	0	0	718
770	596	639	0.0	0.0	0	866
1992	0	0	0	0	0	866
903	642	669	0.0	0.0	0	874
1993	0	0	0	0	0	874
892	614	627	0.0	0.0	0	937
1994	0	0	0	0	0	937
937	658	658	0.0	0.0		

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
Sweden					
1984	80	111	160	221	26430
36570	29380	40660	0.3	0.5	
1985	90	120	190	254	28550
38120	30460	40680	0.3	0.6	
1986	70	91	260	338	32690
42510	37260	48460	0.2	0.7	
1987	90	113	775	977	40710
51300	44510	56090	0.2	1.7	
1988	130	158	825	1001	45630
55380	49750	60380	0.3	1.7	

1989	100	116	725	842	48970
56870	51550	59860	0.2	1.4	
1990	80	89	280	312	54260
60390	57540	64040	0.1	0.5	
1991	160	172	200	214	49990
53580	55220	59190	0.3	0.4	
1992	30	31	240	250	50020
52160	56120	58520	0.1	0.4	
1993	100	102	60	61	42680
43560	49860	50880	0.2	0.1	
1994	30	30	60	60	51720
51720	61290	61290	0.1	0.1	

Switzerland

1984	575	796	575	796	29520
40860	25850	35780	1.9	2.2	
1985	700	935	330	441	30700
40990	27430	36630	2.3	1.2	
1986	600	780	290	377	41050
53380	37450	48710	1.5	0.8	
1987	320	403	360	454	50650
63840	45510	57370	0.6	0.8	
1988	320	388	340	413	56360
68400	50700	61540	0.6	0.7	
1989	600	697	110	128	58190
67580	51520	59830	1.0	0.2	
1990	675	751	80	89	69680
77550	63780	70990	1.0	0.1	
1991	410	439	150	161	66480
71260	61520	65940	0.6	0.2	
1992	270	282	440	459	61740
64380	61380	64000	0.4	0.7	
1993	230	235	120	122	56720
57880	58690	59900	0.4	0.2	
1994	40	40	110	110	64070
64070	66230	66230	0.1	0.2	

Syria

1984	2200	3045 ^c	10	14	4116
5697	1853	2565	53.4	0.5	
1985	1500	2003	0	0	3967
5298	1640	2190	37.8	0.0	
1986	1100	1430	20	26	2728
3547	1325	1723	40.3	1.5	
1987	2000	2521	0	0	2470
3113	1344	1694	81.0	0.0	
1988	1300	1578	0	0	2216
2689	1336	1621	58.7	0.0	
1989	1100	1277	0	0	2084
2420	2986	3468	52.8	0.0	
1990	950	1057	0	0	2400
2671	4253	4733	39.6	0.0	
1991	825	884	0	0	2694
2887	3618	3878	30.6	0.0	
1992	380	396	0	0	3490
3640	3093	3226	10.9	0.0	
1993	220	225	0	0	4140
4225	3146	3211	5.3	0.0	
1994	10	10	0	0	5369
5369	3547	3547	0.2	0.0	

Tajikistan

1992	0	0	0	0	100 E
104 E	100 E	104 E	0.0	0.0	

1993	0	0	0	0	517
528	314	320	0.0	0.0	
1994	10	10	0	0	900
900	413	413	1.1	0.0	

Tanzania

1984	50	69	0	0	665
920	298	412	7.5	0.0	
1985	50	67	0	0	1324
1768	247	330	3.8	0.0	
1986	30	39	0	0	937
1218	361	469	3.2	0.0	
1987	90	113	0	0	929
1171	289	364	9.7	0.0	
1988	70	85	0	0	823
999	275	334	8.5	0.0	
1989	40	46	0	0	990
1150	365	424	4.0	0.0	
1990	30	33	0	0	1027
1143	415	462	2.9	0.0	
1991	10	11	0	0	1533
1643	341	366	0.7	0.0	
1992	5	5	0	0	1510
1575	416	434	0.3	0.0	
1993	5	5	0	0	1497
1528	450	459	0.3	0.0	
1994	10	10	0	0	1505
1505	519	519	0.7	0.0	

TI94D	ICD TECD	I94D TE94D	ECD IXTI	E94D EXTE	TICD
-------	-------------	---------------	-------------	--------------	------

Thailand

1984	300	415	0	0	10400
14390	7413	10260	2.9	0.0	
1985	210	280	0	0	9242
12340	7120	9508	2.3	0.0	
1986	150	195	0	0	9178
11930	8872	11540	1.6	0.0	
1987	420	529	0	0	13020
16410	11650	14690	3.2	0.0	
1988	575	698	0	0	20280
24620	15950	19360	2.8	0.0	
1989	310	360	0	0	25770
29930	20080	23320	1.2	0.0	
1990	270	300	0	0	33380
37150	23070	25680	0.8	0.0	
1991	575	616	0	0	37590
40290	28430	30470	1.5	0.0	
1992	370	386	0	0	40690
42430	32470	33860	0.9	0.0	
1993	120	122	0	0	46210
47160	37170	37930	0.3	0.0	
1994	360	360	0	0	54390
54390	45090	45090	0.7	0.0	

Togo

1984	0	0	0	0	271
375	192	266	0.0	0.0	
1985	0	0	0	0	288
385	190	254	0.0	0.0	
1986	10	13	0	0	312
406	204	265	3.2	0.0	
1987	5	6	0	0	424
534	244	308	1.2	0.0	

1988		5	6	0	0	487
591	242		294	1.0	0.0	
1989		5	6	0	0	472
548	245		285	1.1	0.0	
1990		0	0	0	0	581
647	268		298	0.0	0.0	
1991		0	0	0	0	444
476	253		271	0.0	0.0	
1992		0	0	0	0	NA
NA	285	297	0.0	0.0		
1993		5	5	0	0	292 E
298 E	221 E	226 E	1.7	0.0		
1994		0	0	0	0	NA
NA	NA	NA	0.0	0.0		

Trinidad & Tob.

1984		0	0	0	0	1898
2627	2156		2984	0.0	0.0	
1985		0	0	0	0	1586
2118	2196		2933	0.0	0.0	
1986		0	0	0	0	1345
1749	1376		1789	0.0	0.0	
1987		0	0	0	0	1261
1589	1460		1840	0.0	0.0	
1988		0	0	0	0	1123
1363	1391		1688	0.0	0.0	
1989		0	0	0	0	1217
1413	1558		1809	0.0	0.0	
1990		0	0	0	0	1121
1248	1718		1912	0.0	0.0	
1991		0	0	0	0	1667
1787	1985		2128	0.0	0.0	
1992		0	0	0	0	1434
1495	1869		1949	0.0	0.0	
1993		0	0	0	0	1448
1478	1612		1645	0.0	0.0	
1994		0	0	0	0	1138
1138	1867		1867	0.0	0.0	

Tunisia

1984	170	235	0	0	3174
4393	1794	2483	5.4	0.0	
1985	290	387	0	0	2757
3682	1738	2321	10.5	0.0	
1986	90	117	0	0	2890
3758	1759	2287	3.1	0.0	
1987	60	76	0	0	3039
3830	2139	2696	2.0	0.0	
1988	30	36	0	0	3689
4477	2395	2907	0.8	0.0	
1989	30	35	0	0	4374
5079	2930	3402	0.7	0.0	
1990	40	45	0	0	5542
6168	3526	3924	0.7	0.0	
1991	30	32	0	0	5190
5563	3699	3965	0.6	0.0	
1992	20	21	0	0	6431
6706	4019	4191	0.3	0.0	
1993	20	20	0	0	6214
6342	3802	3880	0.3	0.0	
1994	50	50	0	0	6581
6581	4657	4657	0.8	0.0	

Turkey

1984	700	969	160	221	10760
------	-----	-----	-----	-----	-------

14890	7134	9874	6.5	2.2		
1985	330	441		120	160	11340
15150	7958	10630	2.9	1.5		
1986	675	878		0	0	11100
14440	7457	9697	6.1	0.0		
1987	1300	1638		10	13	14160
17840	10190	12840	9.2	0.1		
1988	1000	1214		10	12	14330
17400	11660	14150	7.0	0.1		
1989	1100	1277		20	23	15790
18340	11630	13500	7.0	0.2		
1990	1300	1447		10	11	22300
24820	12960	14420	5.8	0.1		
1991	1300	1393		30	32	21050
22560	13590	14570	6.2	0.2		
1992	1000	1043		20	21	22870
23850	14720	15350	4.4	0.1		
1993	1200	1225		20	20	29170
29780	15340	15660	4.1	0.1		
1994	950	950		10	10	23270
23270	15340	15340	4.1	0.1		

	ICD	I94D	ECD	E94D	TICD	
TI94D	TECD	TE94D	IXTI	EXTE		
Turkmenistan						
1992	0	0		30	31	1008
1051	2146	2238	0.0	1.4		
1993	0	0		0	0	781
797	1286	1313	0.0	0.0		
1994	0	0		0	0	1812
1812	884	884	0.0	0.0		
Uganda						
1984	10	14		0	0	344
476	399	552	2.9	0.0		
1985	10	13		0	0	327
437	387	517	3.1	0.0		
1986	40	52		0	0	307
399	436	567	13.0	0.0		
1987	80	101		0	0	848
1069	319	402	9.4	0.0		
1988	90	109		0	0	887
1077	271	329	10.1	0.0		
1989	60	70		0	0	271
315	273	317	22.1	0.0		
1990	10	11		0	0	213
237	147	164	4.7	0.0		
1991	10	11		0	0	196
210	200	214	5.1	0.0		
1992	0	0		0	0	439
458	142	148	0.0	0.0		
1993	0	0		0	0	384
392	179	183	0.0	0.0		
1994	0	0		0	0	870
870	421	421	0.0	0.0		
Ukraine						
1992	0	0		0	0	4218
4399	3691	3849	0.0	0.0		
1993	0	0		50	51	14480
14780	8471	8646	0.0	0.6		
1994	0	0		60	60	10110
10110	9572	9572	0.0	0.6		

United Arab Emirates						
1984	190	263	10	14	6936	
9600	14190	19640	2.7	0.1		
1985	220	294	0	0	6549	
8746	14040	18750	3.4	0.0		
1986	170	221	20	26	6422	
8351	15840	20590	2.6	0.1		
1987	150	189	0	0	7226	
9107	14160 E	17840 E	2.1	0.0		
1988	120	146	0	0	8522	
10340	13940 E	16920 E	1.4	0.0		
1989	875	1016	10	12	10010	
11620	17590 E	20420 E	8.7	0.1		
1990	1400	1558	0	0	11200	
12460	23540	26200	12.5	0.0		
1991	370	397	0	0	13750	
14730	24440	26190	2.7	0.0		
1992	360	375	0	0	17410	
18160	24760	25820	2.1	0.0		
1993	430	439	0	0	19520	
19920	23660 E	24150 E	2.2	0.0		
1994	200	200	0	0	20000	
20000	24000 E	24000 E	1.0	0.0		

United Kingdom						
1984	900	1246	2100	2906	104700	
144900	93880	129900	0.9	2.2		
1985	750	1002	1600	2137	109000	
145500	101300	135200	0.7	1.6		
1986	725	943	3700	4811	102300	
133100	107100	139300	0.7	3.5		
1987	600	756	5100	6428	154400	
194600	131300	165400	0.4	3.9		
1988	550	668	4800	5826	189300	
229800	145200	176200	0.3	3.3		
1989	875	1016	5000	5806	197700	
229600	152300	176900	0.4	3.3		
1990	1300	1447	4600	5119	223000	
248200	185200	206100	0.6	2.5		
1991	650	697	4900	5252	209900	
225000	185000	198300	0.3	2.6		
1992	220	229	4600	4797	221600	
231000	190000	198100	0.1	2.4		
1993	290	296	4400	4491	205400	
209600	180200	183900	0.1	2.4		
1994	200	200	3400	3400	226800	
226800	204500	204500	0.1	1.7		

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	
United States					
1984	1600	2214	14200	19790	346400
479400	224000	310000	0.5	6.4	
1985	1800	2404	13500	18160	352500
470700	218800	292200	0.5	6.2	
1986	1900	2471	12800	16640	382300
497100	227200	295400	0.5	5.6	
1987	2200	2773	16500	20800	424400
534900	254100	320300	0.5	6.5	
1988	2800	3398	13400	16510	459500
557700	322400	391300	0.6	4.2	
1989	1700	1974	15900	18810	492900
572400	363800	422500	0.3	4.5	
1990	1800	2003	16300	18140	517000

575400	393600	438000	0.3	4.1		
1991	1900	2037	14000	15110	508400	
544900	421700	452000	0.4	3.3		
1992	1600	1668	13400	14080	553900	
577600	448200	467300	0.3	3.0		
1993	1400	1429	13800	14080	603400	
615900	464800	474400	0.2	3.0		
1994	1100	1100	12400	12400	689800	
689800	512700	512700	0.2	2.4		

Upper Volta (see Burkina Faso)

Uruguay

1984	0	0	0	0	777	
1075	934	1293	0.0	0.0		
1985	0	0	0	0	708	
945	909	1214	0.0	0.0		
1986	0	0	0	0	870	
1131	1088	1415	0.0	0.0		
1987	0	0	0	0	1142	
1439	1189	1499	0.0	0.0		
1988	10	12	0	0	1157	
1404	1405	1705	0.9	0.0		
1989	20	23	0	0	1174	
1363	1594	1851	1.7	0.0		
1990	20	22	0	0	1343	
1495	1693	1884	1.5	0.0		
1991	30	32	0	0	1637	
1755	1594	1709	1.8	0.0		
1992	10	10	0	0	2045	
2133	1703	1776	0.5	0.0		
1993	5	5	0	0	2324	
2372	1645	1679	0.2	0.0		
1994	0	0	0	0	2773	
2773	1913	1913	0.0	0.0		

Uzbekistan

1992	0	0	0	0	1768	
1843	1506	1570	0.0	0.0		
1993	0	0	0	0	2245	
2291	2050	2092	0.0	0.0		
1994	20	20	20	20	2459	
2459	3020	3020	0.8	0.7		

Venezuela

1984	420	581	0	0	7774	
10760	16000	22140	5.4	0.0		
1985	550	734	0	0	8106	
10820	14440	19280	6.8	0.0		
1986	120	156	0	0	8504	
11060	8660	11260	1.4	0.0		
1987	110	139	0	0	9659	
12170	10580	13330	1.1	0.0		
1988	140	170	0	0	12730	
15440	10240	12430	1.1	0.0		
1989	230	267	0	0	7803	
9061	13310	15460	2.9	0.0		
1990	190	211	5	6	7335	
8163	17500	19470	2.6	0.0		
1991	200	214	0	0	11150	
11950	15150	16240	1.8	0.0		
1992	80	83	0	0	14070	
14670	14180	14790	0.6	0.0		
1993	70	71	0	0	12200	
12450	14070	14360	0.6	0.0		

1994	60	60	0	0	8879
8879	15480	15480	0.7	0.0	

Vietnam

1984	1600	2214 ^c	0	0	1560
2159	665	920	102.6	0.0	
1985	1500	2003	20	27	1590
2123	746	996	94.3	2.7	
1986	2100	2731	0	0	2155
2802	785	1021	97.4	0.0	
1987	1900	2395	110	139	2191
2761	880	1109	86.7	12.5	
1988	1500	1820	80	97	2616
3175	1073	1302	57.3	7.5	
1989	1300	1510	0	0	3056
3549	1502	1744	42.5	0.0	
1990	1100	1224	0	0	2752
3063	2404	2675	40.0	0.0	
1991	200	214	0	0	2338
2506	2087	2237	8.6	0.0	
1992	10	10	10	10	2541
2650	2581	2691	0.4	0.4	
1993	10	10	0	0	3415
3485	2971	3032	0.3	0.0	
1994	80	80	0	0	4200 E
4200 E	3600 E	3600 E	1.9	0.0	

	ICD	I94D	ECD	E94D	TICD
TI94D	TECD	TE94D	IXTI	EXTE	

Yemen (Aden)

1984	330	457 ^c	0	0	1543
2136	645	893	21.4	0.0	
1985	390	521	0	0	1448
1934	579	773	26.9	0.0	
1986	110	143	0	0	483
628	290	377	22.8	0.0	
1987	300	378	0	0	497
626	54	68	60.4	0.0	
1988	380	461	0	0	598
726	82	100	63.5	0.0	
1989	230	267	0	0	554 E
643 E	114 E	132 E	41.5	0.0	
1990 J	0	0	0	0	NA
NA	NA	0.0	0.0		NA

Yemen (Sanaa)

1984	90	125 ^c	0	0	1557
2155	16	22	5.8	0.0	
1985	230	307	0	0	1313
1753	13	17	17.5	0.0	
1986	290	377	0	0	1159
1507	8	10	25.0	0.0	
1987	500	630	0	0	883
1113	48	60	56.6	0.0	
1988	525	637	0	0	1384
1680	NA	NA	37.9	0.0	
1989	480	557	0	0	1300
1510	606	704	36.9	0.0	
1990	550	612	0	0	NA
NA	NA	NA	NA	0.0	
1991j	40	43	0	0	1897

2033	1174 E	1258 E	2.1	0.0		
1992	5	5		0	0	2245
2341	999 E	1042 E	0.2	0.0		
1993	20	20		0	0	2156
2200	1001 E	1022 E	0.9	0.0		
1994	230	230		0	0	2650
2650	NA	NA	8.7	0.0		

Yugoslavia

1984	100	138		625	865	12000
16600	10250	14190	0.8	6.1		
1985	40	53		450	601	12210
16300	10700	14290	0.3	4.2		
1986	20	26		310	403	11750
15280	10350	13460	0.2	3.0		
1987	625	788		330	416	12630
15920	11440	14420	4.9	2.9		
1988	50	61		250	303	13170
15980	12660	15370	0.4	2.0		
1989	120	139		220	255	14830
17220	13460	15630	0.8	1.6		
1990	10	11		280	312	18870
21000	14310	15920	0.1	2.0		
1991	0	0		80	86	14740
15800	13950	14960	0.0	0.6		

Zaire

1984	20	28		0	0	676
936	1003	1388	3.0	0.0		
1985	40	53		0	0	793
1059	950	1269	5.0	0.0		
1986	50	65		0	0	871
1133	1093	1421	5.7	0.0		
1987	60	76		0	0	764
963	983	1239	7.9	0.0		
1988	40	49		0	0	765
928	1121	1360	5.2	0.0		
1989	40	46		0	0	849
986	1254	1456	4.7	0.0		
1990	70	78		0	0	886
986	999	1112	7.9	0.0		
1991	20	21		0	0	710
761	828	888	2.8	0.0		
1992	0	0		0	0	409
427	416	434	0.0	0.0		
1993	20	20		0	0	377
385	317	324	5.3	0.0		
1994	0	0		0	0	384
384	422	422	0.0	0.0		

TI94D	ICD TECD	I94D TE94D	IXTI	ECD EXTE	E94D	TICD
-------	-------------	---------------	------	-------------	------	------

Zambia

1984	10	14		0	0	730
1010	652	902	1.4	0.0		
1985	30	40		0	0	654
873	784	1047	4.6	0.0		
1986	80	104		0	0	648
843	517	672	12.3	0.0		
1987	5	6		0	0	816
1028	873	1100	0.6	0.0		
1988	0	0		0	0	835
1013	1179	1431	0.0	0.0		
1989	60	70		0	0	906

1052	1347	1564	6.6	0.0			
1990	5	6		0	0	1220	
1358	1309	1457	0.4	0.0			
1991	20	21		0	0	948	
1016	745	799	2.1	0.0			
1992	0	0		0	0	1107 E	
1154 E	756	788	0.0	0.0			
1993	0	0		0	0	1119 E	
1142 E	1043 E	1064 E	0.0	0.0			
1994	5	5		0	0	NA	
NA	NA	NA	NA	0.0			
Zimbabwe							
1984	100	138		0	0	1098	
1520	1154	1597	9.1	0.0			
1985	0	0		0	0	1031	
1377	959	1281	0.0	0.0			
1986	120	156		0	0	1132	
1472	1054	1371	10.6	0.0			
1987	90	113		0	0	1205	
1519	1427	1799	7.5	0.0			
1988	10	12		0	0	1304	
1583	1406	1706	0.8	0.0			
1989	60	70		0	0	1633	
1896	1542	1791	3.7	0.0			
1990	60	67		0	0	1847	
2056	1726	1921	3.2	0.0			
1991	50	54		0	0	2055	
2203	1532	1642	2.4	0.0			
1992	90	94		5	5	2220	
2315	1445	1507	4.1	0.3			
1993	10	10		0	0	2022 E	
2064 E	NA	NA	0.5	0.0			
1994	5	5		10	10	NA	
NA	1800 E	1800 E	NA	0.6			

E Estimate based on partial or uncertain data 0 Nil or negligible (\$2.5 million or less). NA Not available.

a To avoid the appearance of excessive accuracy, arms transfer data have been independently rounded, with greater severity for large numbers. Because of this rounding and the fact that they are obtained from different sources, world arms exports do not equal world arms imports.

b Total imports and exports usually are as reported by individual countries and the extent to which arms transfers are included is often uncertain. Imports are reported "cif" (including cost of shipping, insurance, and freight) and exports are reported "fob" (excluding these costs). For these reasons and because of divergent sources, world totals for imports and exports are not equal.

c Because some countries exclude arms imports or exports from their trade statistics

and their "total" imports and exports are therefore understated and because arms transfers may be estimated independently of trade data, the resulting ratios of arms to total imports or exports may be overstated and may even exceed 100 percent.

d In order to reduce distortions in trends caused by occasional data gaps, the totals for the world, regions, and organizations include rough approximations for those countries and years in which data are not available, and available data for years in which countries were not independent.

e Includes transfers to NATO agencies as such, which are not attributable to individual recipient countries.

f The estimated dollar values of the Soviet Union's arms exports in this and the previous five editions of this report are revised upward substantially from those in prior editions.

g Unified Germany as of 1991 is shown under West Germany; data for East Germany end in 1990.

h Includes major equipment purchased by the U.S. Army Corps of Engineers for use in military construction projects in Saudi Arabia, recorded in U.S. accounts as U.S. imports.

i US arms imports data shown in the last three editions has been revised upward substantially from previous editions. (See Statistical Notes, Arms Imports).

j The Yemens became unified on May 22, 1990. Arms purchases made by Unified Yemen following this date are shown under Yemen (Sanaa).

□&16D

TABLE III. VALUE OF ARMS TRANSFER DELIVERIES,
CUMULATIVE 1992-1994 (In millions of current dollars)

Supplier			Other	United Middle	United Other	Russia	Germany	
Recipient	France	China	Canada	Totala WestEur	States East	Kingdm EastEur	EasAsia	Others
WORLD TOTALS			78,615	39,460b	12,450	6,550	3,695	
3,125	2,795	2,160	3,940	1,420	1,320	630	1,070	
--DEVELOPED(€)			33,090	20,005b	2,080	1,070	3,295	
1,320	180	1,250	2,460	910	95	195	230	
--DEVELOPING			45,525	19,455b	10,370	5,480	400	
1,805	2,615	910	1,480	510	1,225	435	840	
OPEC(#)			26,235	10,955	9,500	1,410	210	
905	745	900	820	85	200	150	355	
NATO			16,560	8,290b	1,705	150	1,095	
1,000	120	1,240	1,965	550	10	185	250	
WARSAW PACT			1,290	15	0	1,005	90	
0	0	0	0	90	90	0	0	
AFRICA			2,305	395	130	610	20	
255	180	0	245	150	120	65	135	
--NORTH AFRICA			600	235	5	150	10	
60	50	0	30	10	40	0	10	
Algeria#			165	5	0	150	0	
0	0	0	0	0	10	0	0	
Libya#			80	0	0	0	10	
0	50	0	0	0	20	0	0	
Morocco			275	160	5	0	0	
60	0	0	30	10	10	0	0	
Tunisia			80	70	0	0	0	
0	0	0	0	0	0	0	10	
-- SUBSAHAR. AFRICA			1,685	160	125	460	10	
195	130	0	195	140	80	65	125	
Angola			865	0	0	450	0	
20	5	0	150	130	20	60	30	
Benin			0	0	0	0	0	
0	0	0	0	0	0	0	0	
Botswana			60	5	0	0	0	
0	0	0	5	0	0	0	50	
Burkina Faso			20	0	0	0	0	
10	0	0	0	0	0	0	0	
Burundi			10	0	0	0	0	
10	0	0	0	0	0	0	0	
Cameroon			10	5	0	0	0	
0	5	0	0	0	0	0	0	
Cape Verde			0	0	0	0	0	
0	0	0	0	0	0	0	0	
Cen. Afr. Rep.			0	0	0	0	0	
0	0	0	0	0	0	0	0	
Chad			55	10	0	0	0	
30	10	0	0	0	0	0	5	
Congo			20	0	0	0	0	
0	0	0	20	0	0	0	0	
Djibouti			10	5	0	0	0	

0	0	0	0	5	0	0	0	0	0
	Equat. Guinea	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Eritrea	40	0	0	0	0	0	0	0
0	10	0	10	20	0	0	0	0	0
	Ethiopia	5	0	0	0	0	5	0	0
0	0	0	0	0	0	0	0	0	0
	Gabon	30	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0
	Gambia, The	5	0	0	0	0	0	0	0
0	5	0	0	0	0	0	0	0	0
	Ghana	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Guinea	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Guinea-Bissau	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Ivory Coast	5	5	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Kenya	10	10	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Lesotho	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Liberia	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Madagascar	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Malawi	20	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
	Mali	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Mauritania	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Mauritius	10	0	0	5	0	0	5	0
0	0	0	0	0	0	0	0	5	0
	Mozambique	5	0	0	0	0	0	5	0
0	0	0	0	0	0	0	0	5	0
	Namibia	5	0	0	0	0	0	5	0
0	0	0	0	0	0	0	0	5	0
	Niger	5	5	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Nigeria#	165	5	60	0	0	0	0	0
50	0	20	0	30	0	0	0	0	0
	Rwanda	105	80	0	0	0	0	5	0
20	0	0	0	0	0	0	0	5	0
	SaoTome & Principe	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Senegal	20	20	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Sierra Leone	5	0	0	0	5	0	0	0
0	0	0	0	0	0	0	0	0	0
	Somalia	25	5	0	0	0	0	0	0
0	0	0	0	20	0	0	0	0	0
	Sudan	70	0	0	0	0	0	0	0
0	60	0	5	0	0	0	5	0	0
	Swaziland	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Tanzania	15	0	0	0	5	10	0	0
0	0	0	0	0	0	5	10	0	0
	Togo	5	0	0	0	0	5	0	0
0	0	0	0	0	0	0	5	0	0
	Uganda	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Zaire	20	0	0	0	0	0	0	0
0	20	0	0	0	0	0	0	0	0

	Zambia		5	0	0	0	0	0	0
0	5	0	0	0	0	0	0	0	0
	Zimbabwe		100	5	60	0	0	0	0
5	20	0	0	0	10	0	0	0	0
	--South Africa@		20	0	0	0	0	0	0
0	0	0	20	0	0	0	0	0	0

Supplier |		Other	United Middle States	United Other Kingdm	Russia EastEur	EasAsia	
Recipient	France	China	Canada	WestEur	East	EastEur	EasAsia
Germany							
Others							

AMERICAS:									
CENTRAL AMER. & CARIB.									
10	0	0	495	275	0	205	5	0	0
	Barbados	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Belize	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Costa Rica	0	5	5	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Cuba	0	200	0	0	200	0	0	0
0	0	0	0	0	0	0	0	0	0
	Dominican Rep.	0	30	20	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
	El Salvador	0	120	120	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Guatemala	0	5	0	0	0	0	5	0
0	0	0	0	0	0	0	0	0	0
	Haiti	0	50	50	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Honduras	0	60	60	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Jamaica	0	10	10	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Nicaragua	0	5	0	0	5	0	0	0
0	0	0	0	0	0	0	0	0	0
	Panama	0	10	10	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
	Trinidad & Tob.	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
NORTH AMERICA (NAFTA)			5,080	530	1,420	40	375		
210	120	600	1,095	360	10	180	140		
	Canada@		775	390	20	0	5		
40	0	0	320	0	0	0	0		
	Mexico		210	140	0	10	0		
0	0	0	50	10	0	0	0		
	United States@		4,095	0	1,400	30	370		
170	120	600	725	350	10	180	140		
SOUTH AMERICA			1,095	365	55	10	50		
180	25	0	100	140	0	10	160		
	Argentina		40	30	0	0	0		
0	0	0	0	10	0	0	0		
	Bolivia		15	10	0	0	0		
0	5	0	0	0	0	0	0		

	Brazil		240	110	10	0	0	0
90	0	0	30	0	0	0	0	0
	Chile		170	20	5	0	0	0
10	0	0	50	80	0	0	0	5
	Colombia		190	90	0	0	0	0
0	0	0	0	10	0	0	0	90
	Ecuador#		115	30	40	0	0	10
20	0	0	0	10	0	0	0	5
	Guyana		0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
	Paraguay		30	0	0	0	0	0
0	0	0	0	10	0	0	10	10
	Peru		85	5	0	0	10	0
0	20	0	0	0	0	0	0	50
	Suriname		0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
	Uruguay		10	10	0	0	0	0
0	0	0	0	0	0	0	0	0
	Venezuela#		200	60	0	0	0	40
60	0	0	20	20	0	0	0	0

ASIA:

CENTRAL ASIA & CAUC.

			185	0	0	95	0
0	0	0	0	0	70	0	20
	Armenia		10	0	0	10	0
0	0	0	0	0	0	0	0
	Azerbaijan		70	0	0	0	0
0	0	0	0	0	70	0	0
	Georgia		0	0	0	0	0
0	0	0	0	0	0	0	0
	Kazakstan		80	0	0	80	0
0	0	0	0	0	0	0	0
	Kyrgyzstan		0	0	0	0	0
0	0	0	0	0	0	0	0
	Tajikistan		5	0	0	5	0
0	0	0	0	0	0	0	0
	Turkmenistan		0	0	0	0	0
0	0	0	0	0	0	0	0
	Uzbekistan		20	0	0	0	0
0	0	0	0	0	0	0	20

MIDDLE EAST

			34,055	17,585	9,560	1,590	385
985	865	900	820	60	690	245	370
	Bahrain		270	260	0	0	0
0	0	0	10	0	0	0	0
	Cyprus		245	0	0	0	0
210	0	0	30	0	0	0	5
	Egypt		4,060	3,800	10	30	5
0	0	0	0	0	210	0	5
	Iran#		1,765	0	0	1,000	40
0	525	0	0	20	30	110	40
	Iraq#		0	0	0	0	0
0	0	0	0	0	0	0	0
	Israel@		2,970	2,600	0	0	310
0	60	0	0	0	0	0	0
	Jordan		100	90	0	0	0
0	0	0	0	0	0	5	5
	Kuwait#		2,040	1,800	0	0	0
100	0	0	0	30	80	0	30
	Lebanon		50	50	0	0	0
0	0	0	0	0	0	0	0
	Oman		180	20	150	0	0
0	0	0	0	5	0	0	5
	Qatar#		45	5	0	0	0

10	0	0	20	0	0	0	10	
	Saudi Arabia#		20,465c	8,600	9,400	0	30	
525	170	900	750	0	0	10	80	0
	Syria		600	0	0	300	0	0
30	20	0	0	0	170	80	0	0
	Un. Arab Emirates#		995	360	0	260	0	0
110	0	0	10	5	30	30	190	0
	Yemen		270	0	0	0	0	0
0	90	0	0	0	170	10	0	0

Supplier |			Other	United Middle States	United Other Kingdm	Russia EastEur	EasAsia
Recipient	France	China	Totala Canada	WestEur	East	EastEur	EasAsia
Germany							
Others							

	EAST ASIA		12,210	6,580	800	1,855	1,315
155	580	0	325	230	235	85	50
	Brunei		0	0	0	0	0
0	0	0	0	0	0	0	0
	Burma		370	0	0	0	5
0	300	0	5	0	20	10	30
	Cambodia		15	0	0	0	0
5	0	0	0	0	5	5	0
	China - Mainland		1,750	30	0	1,700	0
0	0	0	0	0	20	0	0
	China - Taiwan@		2,400	2,400	0	0	0
0	0	0	0	0	0	0	0
	Indonesia#		170	90	0	0	80
0	0	0	0	0	0	0	0
	Japan@		1,960	1,900	30	0	30
0	0	0	0	0	0	0	0
	Korea, North		70	0	0	50	0
0	10	0	0	0	10	0	0
	Korea, South@		2,965	1,300	270	5	1,200
60	0	0	120	0	0	10	0
	Laos		120	0	0	10	0
0	110	0	0	0	0	0	0
	Malaysia		520	20	450	0	0
0	0	0	0	0	0	40	10
	Mongolia		0	0	0	0	0
0	0	0	0	0	0	0	0
	Philippines		290	200	20	0	0
0	0	0	60	0	0	10	0
	Singapore@		640	240	10	0	0
90	0	0	80	220	0	0	0
	Thailand		845	400	20	0	0
0	160	0	60	10	180	5	10
	Vietnam		95	0	0	90	0
0	0	0	0	0	0	5	0
	SOUTH ASIA		2,520	50	65	940	80
150	1,015	0	90	10	80	0	40
	Afghanistan		20	0	0	0	0
0	0	0	0	0	0	0	20
	Bangladesh		70	10	0	10	0
0	30	0	0	10	0	0	10
	Bhutan		0	0	0	0	0
0	0	0	0	0	0	0	0

	India		1,075	20	0	925	80
0	0	0	20	0	30	0	0
	Nepal		5	0	5	0	0
0	0	0	0	0	0	0	0
	Pakistan		1,225	20	60	0	0
150	875	0	70	0	50	0	0
	Sri Lanka		125	0	0	5	0
0	110	0	0	0	0	0	10
EUROPE			14,885	8,175	400	1,205	1,470
1,180	0	650	1,105	420	115	45	120
--EASTERN EUROPE			1,535	25	0	1,025	90
0	0	10	0	220	115	40	10
	Albania		0	0	0	0	0
0	0	0	0	0	0	0	0
	Belarus		0	0	0	0	0
0	0	0	0	0	0	0	0
	Bosnia & Herzegovina		90	0	0	0	0
0	0	0	0	60	0	30	0
	Bulgaria		5	0	0	0	0
0	0	0	0	0	5	0	0
	Croatia		50	0	0	0	0
0	0	0	0	20	20	10	0
	Czech Republic@		90	0	0	0	0
0	0	0	0	90	0	0	0
	Estonia		50	0	0	0	0
0	0	0	0	50	0	0	0
	Hungary@		930	10	0	825	90
0	0	0	0	0	5	0	0
	Latvia		0	0	0	0	0
0	0	0	0	0	0	0	0
	Lithuania		20	0	0	10	0
0	0	0	0	0	0	0	10
	Macedonia		10	0	0	10	0
0	0	0	0	0	0	0	0
	Moldova		5	0	0	0	0
0	0	0	0	0	5	0	0
	Poland@		5	5	0	0	0
0	0	0	0	0	0	0	0
	Romania		30	0	0	30	0
0	0	0	0	0	0	0	0
	Russia@		5	5	0	0	0
0	0	0	0	0	0	0	0
	Serbia & Montenegro		0	0	0	0	0
0	0	0	0	0	0	0	0
	Slovakia@		230	0	0	150	0
0	0	0	0	0	80	0	0
	Slovenia		10	0	0	0	0
0	0	10	0	0	0	0	0
	Ukraine		5	5	0	0	0
0	0	0	0	0	0	0	0
--WESTERN EUROPE			13,350	8,150	400	180	1,380
1,180	0	640	1,105	200	0	5	110
	Austria@		75	20	5	0	0
10	0	0	40	0	0	0	0
	Belgium@		460	200	0	0	0
0	0	0	260	0	0	0	0
	Denmark@		205	170	5	0	0
30	0	0	0	0	0	0	0
	Finland@		815	40	110	60	280
320	0	0	5	0	0	0	0
	France@		380	240	10	0	0
0	0	20	40	0	0	0	70

	Germany@		1,840	1,100	60	0	0	0
50	0	600	30	0	0	0	0	0
	Greece@		1,830	625	10	0	0	470
360	0	0	360	0	0	5	0	0
	Iceland@		0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
	Ireland@		60	0	0	0	0	0
0	0	0	60	0	0	0	0	0
	Italy@		300	280	20	0	0	0
0	0	0	0	0	0	0	0	0
	Luxembourg@		10	10	0	0	0	0
0	0	0	0	0	0	0	0	0
	Malta		0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

Supplier |			United		United		
			Other	Middle	Other		
Recipient			Totala	States	Kingdm	Russia	
Germany	France	China	Canada	WestEur	East	EastEur	EasAsia
Others							

	Netherlands@		700	675	5	0	0	0
0	0	0	20	0	0	0	0	0
	Norway@		550	170	40	0	0	110
80	0	0	150	0	0	0	0	0
	Portugal@		560	430	60	0	0	10
50	0	0	10	0	0	0	0	0
	Spain@		1,090	825	5	0	0	40
0	0	20	0	200	0	0	0	0
	Sweden@		160	120	0	0	0	20
0	0	0	20	0	0	0	0	0
	Switzerland@		550	70	0	0	0	360
60	0	0	60	0	0	0	0	0
	Turkey		3,070	2,500	70	120	0	90
220	0	0	50	0	0	0	20	0
	United Kingdom@		695	675	0	0	0	0
0	0	0	0	0	0	0	20	0

OCEANIA			1,195	915	20	0	0	0
0	0	10	160	50	0	0	40	0
	Australia@		975	875	10	0	0	0
0	0	10	30	50	0	0	0	0
	Fiji		0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
	New Zealand@		160	40	10	0	0	0
0	0	0	110	0	0	0	0	0
	Papua New Guinea		60	0	0	0	0	0
0	0	0	20	0	0	0	40	0

0 Nil or negligible (\$2.5 million or less). @
 Developed country (all others are "developing").
 # OPEC country. X
 Not applicable.

NOTE: To avoid the appearance of excessive accuracy, the entries in this table are independently rounded, with greater severity for larger numbers. Totals here are the sum of the rounded components.

a Comparable totals in tables III and IV do not agree precisely due to the fact that rounding was done at different stages of aggregation.

b US arms transfers to the World, Developed, and Developing groupings include transfers to NATO agencies as such and to other international agencies and classified transfers, which are not attributed to individual recipient countries or regions.

c Includes major equipment purchased by the U.S. Army Corps of Engineers for use in military construction projects in Saudi Arabia, recorded in U.S. accounts as imports to the U.S. These purchases, not attributable to individual supplier countries, are included under "Others".

&l6D

TABLE IV. Arms Transfer Deliveries and Agreements, 1984-1994, By Supplier and (In billions of current dollars)

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
DELIVERIES									
World		^c							
1984	59.9	14.2	2.1	19.4	3.0	5.9	2.1	0.7	0.6
1985	52.5	13.5	1.6	16.7	1.4	7.1	0.7	0.6	0.7
1986	54.7	12.8	3.6	21.5	1.3	4.4	1.3	0.5	0.7
1987	62.5	16.5	5.1	23.1	1.5	2.9	2.1	0.7	0.7
1988	58.9	13.4	4.8	22.0	1.8	2.0	3.0	0.7	0.5
1989	53.2	15.9	5.0	18.9	1.3	2.3	2.4	0.5	0.9
1990	48.8	16.3	4.6	15.3	1.7	5.0	1.5	0.6	0.3
1991	34.6	14.0	4.9	6.8	2.3	1.8	1.4	0.6	0.4
1992	28.5	13.4	4.6	2.3	1.3	1.5	0.9	1.2	0.3
1993	28.0	13.8	4.4	3.1	1.7	0.8	1.1	0.8	0.3
1994	22.2	12.4	3.4	1.3	0.7	0.8	0.8	0.2	0.5
	503.8	156.2	44.1	150.4	18.0	34.5	17.3	7.0	5.8
Developed		^c							
1984	14.5	7.7	0.7	2.3	0.4	0.3	0.0	0.6	0.1
1985	15.0	7.9	0.5	2.2	0.7	0.4	0.0	0.5	0.2
1986	15.3	6.6	0.8	3.3	0.7	0.6	0.0	0.5	0.2
1987	18.9	10.2	1.0	2.5	0.6	0.6	0.0	0.7	0.3
1988	18.3	8.9	1.2	2.1	0.9	0.9	0.0	0.7	0.3
1989	18.5	11.3	0.8	1.9	0.9	0.8	---	0.4	0.5
1990	15.5	10.3	0.8	0.9	1.3	0.5	---	0.5	0.2
1991	12.8	8.2	1.1	0.1	1.3	0.4	---	0.6	0.3
1992	10.8	6.1	0.7	---	1.1	0.8	---	0.6	0.2
1993	12.9	7.2	1.0	1.0	1.6	0.4	0.1	0.4	0.2
1994	9.4	6.7	0.5	---	0.6	0.1	---	0.2	0.3
	161.9	91.2	9.0	16.3	10.0	5.8	0.2	5.8	3.0
Developing		^c							
1984	45.4	6.5	1.4	17.1	2.6	5.6	2.1	---	0.4
1985	37.6	5.6	1.1	14.5	0.8	6.7	0.7	---	0.5
1986	39.4	6.1	2.8	18.2	0.6	3.8	1.3	---	0.4
1987	43.6	6.2	4.1	20.6	0.9	2.3	2.1	0.1	0.4
1988	40.6	4.6	3.6	19.9	0.9	1.1	3.0	---	0.2
1989	34.7	4.6	4.1	17.0	0.4	1.5	2.4	0.1	0.3
1990	33.3	6.0	3.8	14.4	0.3	4.6	1.5	0.1	0.1
1991	21.7	5.8	3.8	6.7	1.1	1.4	1.4	0.0	0.1
1992	17.7	7.3	3.9	2.2	0.2	0.7	0.9	0.5	0.1
1993	15.1	6.6	3.4	2.0	0.1	0.4	1.0	0.4	0.1
1994	12.9	5.6	2.9	1.3	0.1	0.7	0.8	---	0.2
	341.9	65.1	35.0	134.0	8.0	28.7	17.1	1.3	2.8

DELIVERIES (continued)

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
----------	---------	---------------	--------------	----------------	---------	--------	-------	--------	--------

Africa, All

1984	7.8	0.5	0.4	4.9	0.1	0.4	---	---	---
1985	5.4	0.4	0.2	3.2	0.1	0.4	---	---	---
1986	4.9	0.3	0.1	3.1	0.1	0.3	---	0.0	---
1987	6.8	0.3	0.1	4.8	---	0.2	0.1	---	---
1988	6.3	0.2	0.1	4.2	---	0.1	0.1	---	---
1989	4.7	0.2	---	3.3	---	0.1	0.1	---	0.1
1990	2.6	0.2	---	1.7	---	0.1	0.1	---	0.0
1991	1.3	0.1	0.1	0.6	---	---	0.1	0.0	0.1
1992	0.6	0.1	---	---	---	---	0.1	0.0	---
1993	0.6	0.1	0.1	0.1	---	0.1	---	0.0	---
1994	1.2	0.2	---	0.5	---	0.0	---	0.0	0.1

42.3	2.6	1.2	26.4	0.3	1.8	0.8	0.1	0.5
------	-----	-----	------	-----	-----	-----	-----	-----

--North Africa

1984	3.2	0.3	0.1	1.7	---	0.2	0.0	0.0	0.0
1985	2.5	0.3	---	1.2	---	0.2	---	---	0.0
1986	2.0	0.1	0.0	1.3	---	0.1	0.0	0.0	0.0
1987	1.8	0.1	0.0	1.0	0.0	---	---	0.0	0.0
1988	2.0	0.1	0.0	1.0	0.0	---	---	0.0	0.0
1989	1.8	0.1	0.0	1.4	---	---	---	---	0.0
1990	1.0	0.1	0.0	0.6	0.0	---	---	---	0.0
1991	0.6	0.1	0.0	0.5	---	---	---	0.0	0.0
1992	0.2	0.1	0.0	0.0	---	---	---	0.0	0.0
1993	0.1	0.0	---	---	0.0	---	0.0	0.0	0.0
1994	0.3	0.1	0.0	0.1	0.0	0.0	---	0.0	0.0

15.6	1.3	0.1	8.8	0.1	0.7	0.1	0.0	0.0
------	-----	-----	-----	-----	-----	-----	-----	-----

--Subsaharan Africa

1984	4.6	0.2	0.3	3.2	0.1	0.2	---	---	---
1985	2.9	0.1	0.1	2.0	0.1	0.2	---	---	---
1986	2.9	0.2	0.1	1.8	0.1	0.2	---	0.0	---
1987	5.0	0.1	0.1	3.9	---	0.1	0.1	---	---
1988	4.3	0.1	0.1	3.2	---	0.1	---	---	---
1989	2.7	0.1	---	1.9	---	0.1	0.1	---	0.0
1990	1.6	0.1	---	1.0	---	0.1	0.1	---	0.0
1991	0.6	0.1	0.1	0.1	0.0	---	0.1	0.0	0.0
1992	0.4	---	0.1	---	0.0	---	0.1	0.0	---
1993	0.5	---	0.0	---	---	0.1	---	0.0	---
1994	0.8	0.1	0.0	0.4	---	---	---	0.0	0.1

26.4	1.3	1.1	17.6	0.2	1.1	0.7	0.1	0.2
------	-----	-----	------	-----	-----	-----	-----	-----

DELIVERIES (continued)

Supplier |	United	United	Russia						
Recipient |	Worlda/	States	K'dom	Sov.Ub/	Germany	France	China	Canada	Israel

Europe, All

1984	10.3	4.2	0.3	3.2	0.4	0.1	0.0	---	0.1
1985	9.8	3.7	0.2	3.1	0.5	0.1	0.0	---	0.1
1986	11.8	3.2	0.4	4.8	0.7	0.2	0.0	0.1	0.1
1987	12.8	4.9	0.5	3.7	0.7	0.3	0.0	0.1	0.1
1988	11.4	4.7	0.3	2.5	0.9	0.6	0.0	---	0.1
1989	12.6	6.9	0.1	2.3	0.7	0.8	0.0	0.1	0.3
1990	10.4	5.6	0.3	2.4	1.0	0.4	0.0	0.1	0.1

1991	6.4	3.9	0.3	0.2	1.1	0.3	0.0	0.1	0.1
1992	5.2	2.7	0.2	0.1	0.7	0.7	0.0	0.4	---
1993	6.0	2.9	0.2	1.1	0.7	0.3	0.0	0.2	---
1994	3.6	2.7	---	0.1	0.1	0.1	0.0	0.1	0.1
	100.4	45.3	2.8	23.4	7.5	4.0	0.0	1.2	1.2
--Eastern Europe									
1984	5.0	---	0.0	3.2	0.0	0.0	0.0	0.0	0.0
1985	4.8	---	0.0	2.9	---	0.0	0.0	0.0	0.0
1986	6.7	---	0.0	4.6	0.0	---	0.0	0.0	0.0
1987	5.4	---	0.0	3.4	0.0	---	0.0	0.0	0.0
1988	4.0	---	---	2.4	0.0	0.0	0.0	0.0	0.0
1989	3.3	---	0.0	2.3	0.0	0.0	0.0	0.0	0.0
1990	2.7	---	0.0	2.4	0.2	0.0	0.0	0.0	0.0
1991	0.2	---	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1992	---	---	0.0	---	0.0	0.0	0.0	0.0	0.0
1993	1.2	---	0.0	1.0	0.1	0.0	0.0	0.0	---
1994	0.3	---	0.0	---	0.0	0.0	0.0	---	0.1
	33.7	0.2	0.0	22.4	0.3	0.0	0.0	0.0	0.1
--Western Europe									
1984	5.3	4.2	0.3	---	0.4	0.1	0.0	---	0.1
1985	5.0	3.6	0.2	0.1	0.5	0.1	0.0	---	0.1
1986	5.1	3.2	0.4	0.2	0.7	0.2	0.0	0.1	0.1
1987	7.4	4.8	0.5	0.3	0.7	0.3	0.0	0.1	0.1
1988	7.4	4.7	0.3	0.1	0.9	0.6	0.0	---	0.1
1989	9.4	6.9	0.1	0.0	0.7	0.8	0.0	0.1	0.3
1990	7.8	5.6	0.3	0.0	0.9	0.4	0.0	0.1	0.1
1991	6.1	3.9	0.3	0.0	1.1	0.3	0.0	0.1	0.1
1992	5.2	2.6	0.2	---	0.7	0.7	0.0	0.4	---
1993	4.8	2.8	0.2	0.1	0.6	0.3	0.0	0.2	---
1994	3.3	2.7	---	---	0.1	0.1	0.0	0.1	---
	66.7	45.1	2.8	0.9	7.2	4.0	0.0	1.2	1.0

DELIVERIES (continued)

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
Central Asia and Caucasus									
1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1994	0.1	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0
	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
East Asia									
1984	5.7	2.4	0.2	2.0	0.2	0.1	---	---	0.3
1985	6.0	2.6	0.2	2.3	0.1	0.1	---	0.0	0.3
1986	6.0	2.4	0.2	2.9	---	0.1	---	0.0	0.3
1987	7.9	3.4	0.2	3.0	0.1	---	---	---	0.3
1988	7.0	2.8	0.2	2.8	0.1	0.1	0.1	---	0.1
1989	6.7	3.6	0.1	2.5	0.1	0.1	---	---	0.1
1990	5.8	3.6	---	1.6	0.1	0.1	0.1	0.0	0.1
1991	5.3	3.3	0.3	0.5	0.2	0.1	0.5	0.0	---
1992	4.5	2.4	0.1	1.2	0.3	0.1	0.3	0.0	---
1993	3.8	2.0	0.3	0.5	0.7	---	0.1	0.0	0.1

1994	4.0	2.3	0.3	0.3	0.4	---	0.2	0.0	0.1
	62.6	30.8	2.1	19.4	2.3	0.7	1.4	0.1	1.6
Middle East									
1984	26.2	5.0	0.6	6.0	0.9	5.0	1.9	0.0	---
1985	20.3	4.7	0.4	4.7	0.1	5.4	0.7	0.0	0.0
1986	20.3	5.0	2.3	5.4	0.2	2.3	1.1	0.0	0.0
1987	22.7	5.8	3.5	6.2	0.2	1.2	1.9	0.0	0.0
1988	19.6	3.4	3.3	5.1	0.1	0.7	2.6	0.0	0.0
1989	15.7	3.1	3.9	3.2	0.2	1.1	2.0	0.0	0.0
1990	17.7	3.9	3.6	3.2	0.1	4.2	1.1	---	0.0
1991	13.1	4.5	3.4	2.2	0.6	1.0	0.7	0.0	0.0
1992	12.9	6.7	3.7	0.4	---	0.4	0.1	0.5	0.0
1993	12.0	6.0	3.3	1.0	0.2	0.1	0.4	0.4	0.0
1994	9.1	5.0	2.5	0.2	0.2	0.4	0.3	0.0	0.0
	189.6	53.1	30.5	37.6	2.9	22.1	12.8	0.9	0.0
South Asia									
1984	2.7	0.6	0.2	1.6	---	---	0.1	0.0	0.0
1985	3.7	0.2	0.3	2.1	0.2	0.7	---	0.0	---
1986	4.9	0.2	0.1	3.2	---	0.9	0.1	---	0.0
1987	4.8	0.3	0.1	3.0	0.2	0.4	0.1	---	---
1988	6.3	0.2	---	5.2	---	---	0.2	0.0	0.0
1989	7.5	0.3	0.2	6.1	---	---	0.3	0.0	---
1990	6.1	0.7	0.1	5.1	---	---	0.1	0.0	0.0
1991	3.2	0.1	0.0	2.6	0.1	---	0.2	0.0	0.0
1992	1.2	---	0.0	0.5	0.1	0.1	0.3	0.0	0.0
1993	0.8	---	---	0.3	---	---	0.4	0.0	0.0
1994	0.5	---	---	0.1	0.0	---	0.3	0.0	0.0
	41.9	2.6	1.1	29.9	0.6	2.3	2.2	0.0	0.0

DELIVERIES (continued)

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
Central America and Caribbean									
1984	2.0	0.1	0.0	1.7	0.0	---	0.0	0.0	---
1985	2.9	0.2	0.0	1.3	0.0	---	0.0	0.0	0.0
1986	2.5	0.2	---	2.1	0.0	0.0	0.0	0.0	0.0
1987	2.6	0.2	0.0	2.2	0.0	0.0	0.0	0.0	---
1988	2.5	0.2	0.0	2.2	0.0	0.0	0.0	0.0	0.0
1989	1.7	0.2	0.0	1.5	0.0	---	0.0	0.0	0.0
1990	1.6	0.1	0.0	1.4	0.0	0.0	0.0	0.0	0.0
1991	0.7	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0
1992	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1993	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1994	0.1	0.1	0.0	0.0	0.0	---	0.0	0.0	0.0
	16.9	1.7	0.0	13.3	0.0	0.0	0.0	0.0	0.0
North America (NAFTA)									
1984	2.0	0.3	0.3	0.0	0.1	0.2	0.0	0.6	---
1985	2.0	0.2	0.3	0.0	0.1	0.3	0.0	0.5	0.1
1986	2.2	0.2	0.4	0.0	0.2	0.4	0.0	0.5	0.2
1987	2.7	0.4	0.6	0.0	0.2	0.3	0.0	0.5	0.2
1988	3.0	0.2	0.8	0.0	0.2	0.3	0.0	0.6	0.1

1989	2.1	0.3	0.7	0.0	0.2	---	---	0.4	0.1
1990	2.1	0.2	0.5	0.0	0.3	0.1	---	0.5	0.1
1991	2.3	0.3	0.7	0.0	0.2	0.1	---	0.4	0.2
1992	2.1	0.2	0.5	0.0	0.2	0.1	---	0.2	0.1
1993	1.6	0.2	0.5	---	0.1	0.1	0.1	0.2	0.1
1994	1.4	0.2	0.4	---	0.1	---	---	0.2	0.1
<hr/>									
	23.4	2.7	5.8	0.0	1.9	2.0	0.2	4.7	1.4
<hr/>									
South America									
1984	2.3	0.3	---	0.1	1.2	---	0.0	0.0	0.1
1985	1.0	0.4	---	---	0.2	0.1	0.0	0.0	0.1
1986	0.9	0.2	---	---	0.1	0.1	0.0	---	0.1
1987	1.1	0.2	---	0.1	---	0.4	0.0	---	0.1
1988	1.3	0.3	0.1	0.0	0.5	0.1	0.0	0.0	0.1
1989	1.1	0.4	0.0	0.1	---	0.2	0.0	0.0	0.3
1990	0.6	0.2	---	0.0	---	0.2	0.0	0.0	0.1
1991	0.8	0.2	0.1	---	0.2	0.2	0.0	0.0	0.1
1992	0.5	0.2	---	---	0.1	0.1	---	0.0	---
1993	0.3	0.1	---	0.0	0.0	0.1	---	0.0	0.1
1994	0.3	0.1	---	---	0.0	0.1	---	0.0	---
<hr/>									
	10.3	2.4	0.3	0.3	2.4	1.5	0.0	0.0	1.0

DELIVERIES (continued)

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
<hr/>									
Oceania									
1984	0.7	0.6	---	0.0	---	---	0.0	0.0	0.0
1985	1.0	0.9	---	0.0	---	---	0.0	0.0	---
1986	1.1	0.9	0.1	0.0	---	---	0.0	0.0	0.0
1987	0.8	0.8	---	0.0	---	0.0	0.0	0.0	0.0
1988	1.4	1.2	---	0.0	---	0.0	0.0	0.0	0.0
1989	0.9	0.8	---	0.0	---	0.0	0.0	---	---
1990	0.6	0.6	---	0.0	0.0	0.0	0.0	0.0	---
1991	0.4	0.3	---	0.0	0.0	0.0	0.0	0.0	---
1992	0.4	0.2	---	0.0	0.0	0.0	0.0	0.0	---
1993	0.4	0.3	---	0.0	0.0	0.0	0.0	---	---
1994	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<hr/>									
	8.2	6.9	0.3	0.0	0.1	0.0	0.0	0.0	0.1

AGREEMENTS

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
<hr/>									
World									
1984	60.7	17.8	1.5	24.6	1.1	6.9	0.3	0.8	0.2
1985	73.3	16.6	19.7	20.6	0.4	3.4	1.4	0.6	0.5
1986	52.5	10.6	1.6	21.0	1.5	1.9	1.8	0.6	0.2
1987	62.2	12.0	1.7	24.7	2.6	3.6	4.7	0.9	0.8
1988	68.1	16.2	21.6	16.2	1.3	1.9	2.5	0.7	0.4
1989	56.6	18.7	1.8	15.5	6.0	4.4	1.6	1.6	0.8

1990	45.5	19.6	2.1	12.1	1.5	2.9	2.4	0.5	0.4
1991	42.1	25.5	1.1	6.0	1.3	3.3	0.6	0.8	0.3
1992	33.3	18.2	2.4	1.7	2.0	4.4	0.5	0.2	0.6
1993	45.8	31.0	3.3	2.3	1.0	4.7	0.6	0.4	0.5
1994	38.0	14.6	1.0	4.8	1.3	12.1	0.6	0.5	0.2

578.2	200.8	57.8	149.6	19.9	49.5	16.9	7.4	4.9
-------	-------	------	-------	------	------	------	-----	-----

Developed

		c							
1984	15.2	8.0	0.7	2.5	0.3	0.6	0.0	0.8	---
1985	18.7	9.5	0.5	2.4	0.2	1.7	0.0	0.5	0.2
1986	16.7	6.7	0.7	3.3	1.2	1.0	0.0	0.5	0.1
1987	21.5	7.5	1.2	2.2	2.4	0.7	0.0	0.9	0.6
1988	17.3	8.7	1.2	2.0	0.8	0.9	0.0	0.6	0.3
1989	23.4	10.2	0.8	2.7	5.6	0.4	---	0.5	0.5
1990	15.1	11.8	1.0	0.2	0.3	0.2	---	0.5	0.3
1991	15.6	9.4	0.7	0.0	0.8	2.8	---	0.8	0.2
1992	19.4	11.8	0.5	0.1	1.3	3.9	---	0.2	0.4
1993	18.3	13.4	1.0	1.0	0.9	0.7	0.1	0.4	0.1
1994	12.7	8.9	0.5	---	1.2	0.6	---	0.2	0.1

193.8	106.2	8.9	16.4	15.0	13.4	0.2	5.9	3.0
-------	-------	-----	------	------	------	-----	-----	-----

Developing

		c							
1984	45.6	9.7	0.7	22.1	0.8	6.4	0.3	---	0.1
1985	54.6	7.1	19.2	18.2	0.2	1.8	1.4	0.1	0.2
1986	35.8	3.9	0.9	17.7	0.3	1.0	1.8	0.1	0.1
1987	40.8	4.5	0.6	22.6	0.3	2.9	4.7	---	0.3
1988	50.8	7.5	20.4	14.2	0.5	0.9	2.5	---	0.1
1989	33.3	8.4	1.0	12.8	0.3	4.1	1.6	1.0	0.3
1990	30.3	7.8	1.1	11.8	1.2	2.7	2.3	0.0	0.1
1991	26.6	16.1	0.3	6.0	0.4	0.5	0.6	0.0	---
1992	13.9	6.4	1.9	1.6	0.8	0.5	0.5	0.0	0.2
1993	27.6	17.6	2.3	1.3	0.1	4.0	0.4	0.0	0.4
1994	25.3	5.7	0.6	4.7	---	11.4	0.5	0.2	0.1

384.5	94.7	48.9	133.3	4.9	36.1	16.7	1.5	1.9
-------	------	------	-------	-----	------	------	-----	-----

AGREEMENTS (continued)

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
----------	---------	---------------	--------------	----------------	---------	--------	-------	--------	--------

Central America and Caribbean

1984	2.0	0.2	---	1.7	0.0	---	0.0	0.0	---
1985	2.9	0.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0
1986	2.5	0.3	0.0	2.1	0.0	0.0	0.0	0.0	---
1987	2.5	0.3	0.0	2.2	0.0	0.0	0.0	0.0	0.0
1988	2.6	0.2	0.0	2.3	0.0	0.0	0.0	0.0	0.0
1989	1.8	0.2	0.0	1.6	0.0	---	0.0	0.0	0.0
1990	1.5	0.1	0.0	1.4	0.0	0.0	0.0	0.0	0.0
1991	0.6	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0
1992	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1993	0.2	---	0.0	0.1	0.0	---	0.0	0.0	0.0
1994	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	---

16.9	1.8	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0
------	-----	-----	------	-----	-----	-----	-----	-----	-----

North America (NAFTA)

1984	2.3	0.5	0.4	0.0	0.1	0.3	0.0	0.6	---
1985	2.2	0.4	0.3	0.0	0.1	0.3	0.0	0.5	0.1

1986	2.7	0.2	0.4	0.0	0.2	0.4	0.0	0.5	0.1
1987	2.7	0.4	0.6	0.0	0.2	0.3	0.0	0.5	0.2
1988	3.1	0.2	0.8	0.0	0.2	0.3	0.0	0.6	0.1
1989	2.1	0.3	0.6	0.0	0.2	---	---	0.5	0.1
1990	2.2	0.3	0.5	0.0	0.3	0.1	---	0.5	0.1
1991	2.3	0.3	0.7	0.0	0.2	0.1	---	0.4	0.2
1992	1.8	0.2	0.5	0.0	0.2	0.1	---	0.2	0.1
1993	1.7	0.2	0.5	---	0.1	0.1	0.1	0.2	0.1
1994	1.4	0.2	0.4	---	0.1	---	---	0.2	0.1

24.5	3.2	5.8	0.0	1.9	2.1	0.2	4.7	1.4
------	-----	-----	-----	-----	-----	-----	-----	-----

South America

1984	1.4	0.2	---	0.1	0.3	0.4	0.0	0.0	0.1
1985	0.8	0.2	---	0.2	0.1	---	0.0	---	0.2
1986	0.6	0.1	---	0.0	---	---	0.0	---	---
1987	0.9	0.2	0.1	0.0	0.0	0.2	0.0	---	0.3
1988	0.9	0.3	0.1	0.0	---	0.2	0.0	0.0	0.1
1989	1.7	0.5	---	0.1	0.3	0.4	0.0	0.0	0.3
1990	0.5	0.1	---	0.0	---	---	0.0	0.0	0.1
1991	0.4	0.2	0.1	0.0	---	0.1	---	0.0	---
1992	0.4	0.2	---	---	---	0.1	---	0.0	---
1993	0.5	0.1	0.2	0.0	0.0	0.0	0.0	0.0	---
1994	1.0	0.2	0.2	0.1	0.0	0.0	---	0.1	0.1

9.2	2.4	0.7	0.4	0.7	1.5	0.0	0.1	1.2
-----	-----	-----	-----	-----	-----	-----	-----	-----

AGREEMENTS (continued)

Supplier |	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
----------	---------	---------------	--------------	----------------	---------	--------	-------	--------	--------

Central Asia and Caucasus

1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1994	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

East Asia

1984	5.2	2.3	0.4	1.9	0.1	0.1	---	---	0.0
1985	7.3	3.6	0.2	3.1	---	0.1	---	0.0	0.0
1986	6.0	2.8	0.2	2.5	0.3	---	---	0.1	0.0
1987	9.8	3.5	---	3.7	1.9	0.1	0.1	0.0	0.0
1988	6.7	3.4	0.2	2.6	0.0	---	0.3	0.0	---
1989	6.5	3.6	0.3	1.9	0.1	0.1	0.3	0.0	---
1990	8.5	5.0	1.0	1.6	---	---	0.6	0.0	---
1991	7.8	3.4	0.0	1.3	---	2.4	0.1	0.0	0.0
1992	11.9	5.2	1.1	0.6	0.1	3.7	0.1	0.0	0.2
1993	6.2	4.2	0.6	0.4	0.6	---	0.2	0.0	---
1994	7.7	3.3	0.3	3.3	---	0.1	0.1	0.1	0.0

83.8	40.3	4.4	22.9	3.2	6.8	1.8	0.2	0.3
------	------	-----	------	-----	-----	-----	-----	-----

Middle East

1984	28.1	5.2	0.3	12.8	0.2	5.6	0.1	0.0	0.0
1985	36.0	5.4	19.0	6.4	0.1	0.8	1.3	0.0	0.0
1986	15.3	2.3	0.5	4.2	0.1	0.5	1.7	0.0	0.0
1987	21.3	2.7	0.1	8.6	0.1	2.3	4.3	0.0	0.0
1988	34.3	7.5	20.2	1.3	0.1	0.6	1.7	0.0	0.0
1989	13.2	5.9	0.2	0.2	---	3.5	0.4	0.9	0.0

1990	16.1	6.8	0.3	3.0	0.2	2.3	1.2	0.0	0.0
1991	19.6	15.1	0.3	1.3	1.0	0.2	0.2	0.0	0.0
1992	6.5	3.6	0.8	0.4	0.6	0.1	0.1	0.0	0.0
1993	22.3	16.2	1.4	0.6	0.1	3.6	0.1	0.0	0.0
1994	15.9	4.1	0.1	0.6	0.0	10.2	0.1	0.0	0.0
	228.6	75.0	43.0	39.4	2.7	29.7	11.3	0.9	0.0
South Asia									
1984	3.1	0.3	0.1	2.5	0.1	0.1	0.1	0.0	0.0
1985	3.7	0.3	---	2.8	0.0	0.1	0.1	---	---
1986	5.4	0.3	0.1	3.2	---	0.4	0.1	---	---
1987	2.8	0.2	0.4	1.7	0.0	---	0.2	0.0	0.0
1988	4.8	0.4	0.1	3.7	0.0	---	0.4	0.0	0.0
1989	7.9	1.9	0.0	5.4	0.0	0.0	0.6	0.0	0.0
1990	5.7	0.3	0.0	4.6	0.2	0.1	0.5	0.0	0.0
1991	3.4	0.1	0.0	2.7	0.0	0.3	0.2	0.0	0.0
1992	0.6	---	---	0.2	0.0	---	0.3	0.0	0.0
1993	0.3	---	0.1	---	---	0.1	0.1	0.0	0.0
1994	1.6	0.0	---	---	0.0	1.1	0.3	0.0	0.0
	39.2	3.7	0.8	26.8	0.3	2.1	2.6	0.0	0.0

AGREEMENTS (continued)

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
Europe, All									
1984	14.1	7.9	0.2	3.4	0.2	0.3	0.0	0.2	0.0
1985	13.9	5.3	0.1	3.5	---	1.6	0.0	---	0.1
1986	12.4	3.4	0.4	4.9	0.8	0.6	0.0	---	0.0
1987	11.1	3.8	0.5	3.0	0.4	0.4	0.0	0.3	0.4
1988	9.5	3.3	0.1	2.4	0.9	0.6	0.0	---	0.1
1989	13.0	5.5	0.3	3.8	1.3	0.2	0.0	0.1	0.3
1990	7.9	5.2	0.3	0.9	0.8	0.3	0.0	---	---
1991	5.0	3.8	---	0.2	---	0.3	0.0	0.4	0.1
1992	9.0	6.7	---	0.4	1.1	0.3	0.0	0.0	0.1
1993	10.1	6.9	0.5	1.0	0.2	0.8	0.0	0.1	0.3
1994	7.0	4.5	---	---	1.1	0.6	0.0	0.1	---
	113.1	56.2	2.5	23.5	7.0	5.8	0.0	1.3	1.5
--Eastern Europe									
1984	4.9	---	0.0	3.2	---	0.0	0.0	0.0	0.0
1985	5.5	---	0.0	3.4	0.0	---	0.0	0.0	0.0
1986	6.4	---	0.0	4.5	0.0	0.0	0.0	0.0	0.0
1987	5.1	---	---	3.0	0.2	0.0	0.0	0.0	0.0
1988	3.9	---	0.0	2.4	0.0	0.0	0.0	0.0	0.0
1989	4.7	---	0.0	3.8	0.0	0.0	0.0	0.0	0.0
1990	1.1	---	0.0	0.9	0.0	0.0	0.0	0.0	0.0
1991	0.2	---	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1992	0.1	---	0.0	---	0.0	0.0	0.0	0.0	0.1
1993	1.6	---	0.0	1.0	0.1	0.1	0.0	0.0	0.3
1994	0.2	---	0.0	---	0.0	0.0	0.0	---	0.0
	33.7	0.2	0.0	22.5	0.3	0.1	0.0	0.0	0.5
--Western Europe									
1984	9.3	7.9	0.2	0.2	0.2	0.3	0.0	0.2	0.0
1985	8.5	5.3	0.1	0.1	---	1.5	0.0	---	0.1

1986	5.9	3.3	0.4	0.4	0.8	0.6	0.0	---	0.0
1987	6.0	3.7	0.5	0.0	0.2	0.4	0.0	0.3	0.4
1988	5.5	3.3	0.1	---	0.9	0.6	0.0	---	0.1
1989	8.4	5.4	0.3	0.0	1.3	0.2	0.0	0.1	0.3
1990	6.8	5.2	0.3	0.0	0.8	0.3	0.0	---	---
1991	4.9	3.8	---	0.0	---	0.3	0.0	0.4	0.1
1992	8.8	6.7	---	0.3	1.1	0.3	0.0	0.0	0.0
1993	8.5	6.9	0.5	---	0.1	0.8	0.0	0.1	0.0
1994	6.8	4.5	---	---	1.1	0.6	0.0	0.0	---
<hr/>									
	79.5	56.0	2.5	1.1	6.7	5.7	0.0	1.3	1.0

AGREEMENTS (continued)

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
<hr/>									
Africa, All									
1984	3.8	0.4	0.1	2.4	---	0.1	0.1	0.0	---
1985	5.2	0.3	---	3.3	---	0.5	0.0	0.0	---
1986	6.4	0.3	---	4.1	0.0	0.1	---	---	---
1987	6.8	0.3	---	5.5	---	0.3	0.1	0.0	---
1988	5.4	0.2	---	4.0	---	---	0.1	---	0.0
1989	4.8	0.2	0.3	2.6	---	0.1	0.4	---	0.1
1990	1.2	0.2	0.0	0.6	---	0.1	0.1	0.0	0.1
1991	0.6	0.1	0.0	---	0.0	0.0	0.1	0.0	0.0
1992	0.6	0.1	---	---	0.0	0.1	---	0.0	0.1
1993	1.1	0.1	0.0	0.1	---	---	0.1	0.0	---
1994	1.1	0.2	---	0.6	0.0	0.1	---	0.0	0.0
<hr/>									
	37.0	2.3	0.5	23.1	0.1	1.4	1.0	0.1	0.4
<hr/>									
--North Africa									
1984	0.5	0.2	0.0	0.0	---	0.0	---	0.0	0.0
1985	3.5	0.1	---	2.5	---	0.3	0.0	0.0	0.0
1986	2.9	0.1	0.0	1.5	0.0	---	0.0	0.0	0.0
1987	0.5	0.1	0.0	0.0	0.0	0.0	---	0.0	0.0
1988	3.6	0.1	0.0	3.1	---	---	0.0	---	0.0
1989	1.1	0.1	0.0	0.5	0.0	0.0	---	0.0	0.0
1990	0.3	0.1	0.0	0.0	---	0.1	0.0	0.0	0.0
1991	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1992	---	---	---	0.0	0.0	---	0.0	0.0	0.0
1993	0.5	---	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1994	0.3	0.1	---	0.2	0.0	---	0.0	0.0	0.0
<hr/>									
	13.5	1.1	0.0	7.8	0.0	0.4	0.2	0.0	0.0
<hr/>									
--Subsaharan Africa									
1984	3.3	0.2	0.1	2.4	---	0.1	0.1	0.0	---
1985	1.7	0.1	---	0.8	---	0.3	0.0	0.0	---
1986	3.5	0.2	---	2.7	0.0	---	---	---	0.0
1987	6.3	0.1	---	5.5	---	0.3	---	0.0	0.0
1988	1.8	0.1	---	0.9	---	---	0.1	0.0	0.0
1989	3.6	0.1	0.3	2.1	---	0.1	0.3	---	---
1990	0.8	0.1	0.0	0.6	0.0	---	0.1	0.0	0.0
1991	0.2	0.1	0.0	---	0.0	0.0	---	0.0	0.0
1992	0.6	---	---	---	0.0	0.1	---	0.0	0.1
1993	0.6	---	0.0	0.1	---	---	0.1	0.0	---
1994	0.7	0.1	0.0	0.4	0.0	0.1	---	0.0	0.0
<hr/>									
	23.1	1.2	0.5	15.3	0.1	1.0	0.8	0.1	0.2

AGREEMENTS (continued)

Supplier	Worlda/	United States	United K'dom	Russia Sov.Ub/	Germany	France	China	Canada	Israel
Oceania									
1984	0.6	0.5	0.0	0.0	---	0.0	0.0	0.0	---
1985	0.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1986	1.1	0.8	---	0.0	0.0	0.0	0.0	0.0	0.0
1987	4.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	0.6	0.6	---	0.0	---	0.0	0.0	0.0	---
1989	5.5	0.5	0.1	0.0	4.0	---	0.0	---	0.0
1990	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1991	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1994	0.3	0.3	0.0	0.0	---	0.0	0.0	0.0	0.0
	14.7	5.1	0.2	0.0	4.1	0.0	0.0	0.1	0.1

--- \$3-50 million.

0 Nil or negligible (less than \$3 mill

a Comparable totals in tables III and IV differ slightly due to the fact that round different stages of aggregation. The entry in the World column in table IV exceed the components in some rows due to certain imports by Saudi Arabia that cannot be specific suppliers. See table II, footnote g.

b The estimated dollar value of the Soviet Union's arms exports in this and the prev editions are revised and substantially larger than those in earlier editions. For discussion, see Statistical Notes, Arms Transfers.

c US arms transfers to the World, Developed, and Developing groups include those to as such and to other international agencies and classified transfers, which are no to individual recipient countries or regions..

**TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier
And Weapon Type, Cumulative by Period**

TABLE V INDEX

All links on the same horizontal line will take you to the TOP of the page where the information is listed. You will have to scroll down the page in some cases to get to the information area you want to see.

ALL DEVELOPING REGIONS	Land Armaments	Naval Craft	Aircraft	Missiles
AFRICA	Land Armaments	Naval Craft	Aircraft	Missiles
EAST ASIA	Land Armaments	Naval Craft	Aircraft	Missiles
LATIN AMERICA	Land Armaments	Naval Craft	Aircraft	Missiles
MIDDLE EAST	Land Armaments	Naval Craft	Aircraft	Missiles
SOUTH ASIA	Land Armaments	Naval Craft	Aircraft	Missiles
NOTES to Table V				

TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier And Weapon Type, Cumulative by Period

ALL DEVELOPING REGIONS c

SUPPLIER a		TOTAL	SOVIET UNION (fmr)b	RUSSIA b	OTHER WARSAW PACT (fmr)	UNITED STATES	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OT DEVE
WEAPON TYPE--PERIOD												
LAND ARMAMENTS												
Tanks	1983-85	6,211	2,320	...	660	861	130	200	50	1,500	20	4
	1986-88	3,970	2,240	...	640	450	30	70	50	190	-	3
	1989-91	4,110	2,830	...	170	340	70	50	20	330	-	3
	1992-94	1,794	...	470	110	604	10	30	-	260	-	3
Artillery, Field and Anti-Air d	1983-85	12,850	3,800	...	370	1,191	140	10	5,310	850	280	9
	1986-88	7,391	3,050	...	110	741	190	40	240	1,730	430	8
	1989-91	5,084	2,330	...	250	244	50	10	100	1,430	230	4
	1992-94	2,644	...	320	250	224	350	-	440	840	20	2
Armored Personnel Carriers and Armored Cars	1983-85	11,640	4,880	...	580	1,680	880	110	1,150	1,000	110	1,
	1986-88	7,841	4,790	...	1,220	461	380	20	160	560	-	2
	1989-91	5,893	3,950	...	460	723	190	80	-	140	-	3
	1992-94	2,994	...	1,070	190	794	70	30	660	-	-	1
NAVAL CRAFT												
Major Surface Combatants e	1983-85	52	18	...	2	4	2	6	14	2	-	
	1986-88	20	9	...	2	-	2	3	4	-	-	
	1989-91	27	8	...	-	-	2	2	4	3	-	
	1992-94	31	...	2	-	-	2	6	17	3	-	
Other Surface Combatants f	1983-85	300	86	...	-	17	19	37	41	15	44	
	1986-88	208	31	...	2	13	18	16	34	15	22	
	1989-91	145	33	...	-	10	16	7	32	24	6	
	1992-94	117	...	9	-	18	12	10	24	7	6	
Submarines	1983-85	9	5	...	-	-	-	-	2	2	-	
	1986-88	17	8	...	-	-	-	-	8	-	-	
	1989-91	6	4	...	-	-	-	-	-	-	-	
	1992-94	5	...	3	-	-	-	-	1	-	-	
Missile Attack Boats	1983-85	34	8	...	-	-	4	-	8	14	-	
	1986-88	5	-	...	-	-	-	-	1	4	-	
	1989-91	9	4	...	-	-	-	-	3	-	-	
	1992-94	12	...	2	-	-	-	-	-	9	-	
AIRCRAFT												
Combat Aircraft, Supersonic	1983-85	1,453	940	...	-	213	120	30	-	140	-	
	1986-88	805	340	...	-	285	70	20	-	50	-	
	1989-91	992	280	...	-	172	60	50	10	160	50	2
	1992-94	345	...	30	-	185	10	-	-	80	-	
Combat Aircraft, Subsonic	1983-85	280	60	...	-	140	20	50	-	-	-	
	1986-88	160	90	...	-	10	10	40	-	10	-	
	1989-91	190	40	...	-	80	-	40	20	-	-	
	1992-94	94	...	-	-	54	-	20	20	-	-	

Other Aircraft g	1983-85	1,000	270	...	150	60	80	20	300	20	20	
	1986-88	799	200	...	90	129	20	30	120	20	-	1
	1989-91	487	120	...	50	47	10	10	90	60	-	1
	1992-94	364	...	20	10	34	-	30	50	60	10	1
Helicopters	1983-85	1,155	630	...	100	135	150	10	60	-	10	
	1986-88	824	500	...	-	84	160	10	60	-	-	
	1989-91	681	300	...	50	101	90	20	100	-	-	
	1992-94	295	...	100	20	95	40	10	-	-	-	
MISSILES												
Surface-to-Air	1983-85	20,178	9,850	...	5,000	2,158	1,120	1,080	100	80	750	
	1986-88	14,032	9,550	...	100	502	740	650	60	650	330	1,
	1989-91	6,860	3,960	...	310	1,520	580	50	190	180	-	
	1992-94	3,245	...	610	-	845	1,270	-	-	70	-	4

Go to [Next](#) [Next Page](#) [Contents](#) [Table V Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

**TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier
And Weapon Type, Cumulative by Period**

AFRICA												
SUPPLIER a	TOTAL	SOVIET UNION (fmr)b	RUSSIA b	OTHER WARSAW PACT (fmr)	UNITED STATES	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OT DEVE	
WEAPON TYPE--PERIOD												
LAND ARMAMENTS												
Tanks	1983-85	1,054	540	...	10	64	120	20	30	40	-	2
	1986-88	870	430	...	130	110	10	70	50	-	-	
	1989-91	670	310	...	130	30	-	50	-	-	-	1
	1992-94	200	...	70	10	60	-	30	-	-	-	
Artillery, Field and Anti-Air d	1983-85	2,676	1,650	...	50	106	60	-	430	50	40	2
	1986-88	1,603	850	...	80	113	170	-	120	-	30	2
	1989-91	1,310	300	...	-	-	10	-	-	680	-	3
	1992-94	600	...	60	20	-	-	-	10	450	-	
Armored Personnel Carriers and Armored Cars	1983-85	2,583	1,200	...	30	113	400	-	330	-	110	4
	1986-88	1,448	790	...	220	128	170	20	-	-	-	1
	1989-91	599	120	...	100	9	140	-	-	40	-	1
	1992-94	710	...	500	190	-	10	-	-	-	-	
NAVAL CRAFT												
Major Surface Combatants e	1983-85	12	9	...	-	-	-	2	1	-	-	
	1986-88	3	3	...	-	-	-	-	-	-	-	
	1989-91	1	1	...	-	-	-	-	-	-	-	
	1992-94	-	...	-	-	-	-	-	-	-	-	
Other Surface Combatants f	1983-85	67	13	...	-	1	13	15	13	2	-	
	1986-88	67	8	...	-	4	13	2	20	6	-	
	1989-91	37	12	...	-	-	1	-	9	11	-	
	1992-94	32	...	-	-	-	-	-	14	3	-	
Submarines	1983-85	2	2	...	-	-	-	-	-	-	-	
	1986-88	2	2	...	-	-	-	-	-	-	-	
	1989-91	6	-	...	-	6	-	-	-	-	-	
	1992-94	-	...	-	-	-	-	-	-	-	-	
Missile Attack Boats	1983-85	6	2	...	-	-	4	-	-	-	-	
	1986-88	-	-	...	-	-	-	-	-	-	-	
	1989-91	-	-	...	-	-	-	-	-	-	-	
	1992-94	-	...	-	-	-	-	-	-	-	-	
AIRCRAFT												
Combat Aircraft, Supersonic	1983-85	298	260	...	-	18	-	20	-	-	-	
	1986-88	110	80	...	-	-	-	-	-	10	-	
	1989-91	80	40	...	-	10	-	-	-	20	-	
	1992-94	14	...	-	-	4	-	-	-	-	-	
Combat Aircraft, Subsonic	1983-85	30	-	...	-	-	10	10	-	-	-	
	1986-88	50	20	...	-	-	10	10	-	10	-	
	1989-91	-	-	...	-	-	-	-	-	-	-	
	1992-94	20	...	-	-	-	-	10	-	-	-	

Other Aircraft g	1983-85	351	70	...	70	1	10	10	160	10	-	
	1986-88	152	10	...	80	2	10	-	40	-	-	
	1989-91	100	20	...	20	-	-	-	30	10	-	
	1992-94	62	...	-	10	12	-	10	10	10	-	
Helicopters	1983-85	320	190	...	30	-	60	-	20	-	-	
	1986-88	230	170	...	-	-	40	-	10	-	-	
	1989-91	70	20	...	30	-	10	-	10	-	-	
	1992-94	20	...	20	-	-	-	-	-	-	-	
MISSILES												
Surface-to-Air	1983-85	4,991	4,360	...	-	341	20	200	60	-	-	
	1986-88	2,500	1,860	...	-	250	130	10	-	-	-	2
	1989-91	290	210	...	-	-	-	-	-	30	-	
	1992-94	20	...	-	-	-	20	-	-	-	-	

Go to [Next](#) [Next Page](#) [Contents](#) [Table V Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier And Weapon Type, Cumulative by Period

EAST ASIA												
SUPPLIER a		TOTAL	SOVIET UNION (fmr) ^b	RUSSIA ^b	OTHER WARSAW PACT (fmr)	UNITED STATES	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OT DEVE
WEAPON TYPE--PERIOD												
LAND ARMAMENTS												
Tanks	1983-85	433	110	...	260	63	-	-	-	-	-	
	1986-88	90	60	...	-	-	-	-	-	30	-	
	1989-91	222	20	...	-	112	-	-	-	80	-	
	1992-94	1	...	-	-	1	-	-	-	-	-	
Artillery, Field and Anti-Air d	1983-85	1,190	320	...	-	450	-	-	310	30	-	
	1986-88	587	230	...	-	257	-	-	-	60	30	
	1989-91	276	70	...	-	46	-	10	-	80	40	
	1992-94	237	...	-	-	57	40	-	-	120	20	
Armored Personnel Carriers and Armored Cars	1983-85	1,154	460	...	-	374	10	50	260	-	-	
	1986-88	824	370	...	-	114	-	-	-	340	-	
	1989-91	205	60	...	-	35	30	-	-	80	-	
	1992-94	163	...	-	-	43	40	10	-	-	-	
NAVAL CRAFT												
Major Surface Combatants e	1983-85	10	3	...	-	2	-	3	2	-	-	
	1986-88	4	-	...	-	-	-	-	4	-	-	
	1989-91	4	-	...	-	-	-	-	2	2	-	
	1992-94	20	...	-	-	-	-	1	16	3	-	
Other Surface Combatants f	1983-85	44	26	...	-	-	-	-	7	-	8	
	1986-88	45	13	...	-	2	-	2	4	-	3	
	1989-91	23	6	...	-	1	-	3	1	6	6	
	1992-94	33	...	6	-	-	-	-	9	4	2	
Submarines	1983-85	1	-	...	-	-	-	-	1	-	-	
	1986-88	2	-	...	-	-	-	-	2	-	-	
	1989-91	-	-	...	-	-	-	-	-	-	-	
	1992-94	1	...	-	-	-	-	-	1	-	-	
Missile Attack Boats	1983-85	-	-	...	-	-	-	-	-	-	-	
	1986-88	-	-	...	-	-	-	-	-	-	-	
	1989-91	-	-	...	-	-	-	-	-	-	-	
	1992-94	-	...	-	-	-	-	-	-	-	-	
AIRCRAFT												
Combat Aircraft, Supersonic	1983-85	263	190	...	-	73	-	-	-	-	-	
	1986-88	198	50	...	-	128	-	-	-	-	-	
	1989-91	132	40	...	-	82	-	-	-	10	-	
	1992-94	67	...	30	-	7	-	-	-	20	-	
Combat Aircraft, Subsonic	1983-85	110	-	...	-	100	-	10	-	-	-	
	1986-88	20	20	...	-	-	-	-	-	-	-	
	1989-91	35	20	...	-	15	-	-	-	-	-	
	1992-94	49	...	-	-	39	-	10	-	-	-	

Other Aircraft g	1983-85	119	20	...	-	9	30	-	20	-	20	
	1986-88	45	20	...	-	15	-	-	10	-	-	
	1989-91	72	10	...	10	32	-	-	10	10	-	
	1992-94	111	...	10	-	1	-	20	30	10	-	
Helicopters	1983-85	160	30	...	60	30	30	-	10	-	-	
	1986-88	112	20	...	-	62	20	10	-	-	-	
	1989-91	150	40	...	20	60	10	10	-	-	-	
	1992-94	82	...	40	10	12	10	10	-	-	-	
MISSILES												
Surface-to-Air	1983-85	1,434	200	...	-	754	-	460	20	-	-	
	1986-88	1,919	1,040	...	-	179	-	640	60	-	-	
	1989-91	1,284	50	...	-	744	110	50	190	140	-	
	1992-94	1,096	...	210	-	306	400	-	-	-	-	1

Go to [Next](#) [Next Page](#) [Contents](#) [Table V Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier And Weapon Type, Cumulative by Period

LATIN AMERICA												
SUPPLIER a	TOTAL	SOVIET UNION (fmr)b	RUSSIA b	OTHER WARSAW PACT (fmr)	UNITED STATES	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OT DEVE	
WEAPON TYPE--PERIOD												
LAND ARMAMENTS												
Tanks	1983-85	470	450	...	-	-	-	-	-	-	20	
	1986-88	283	220	...	-	23	-	-	-	-	-	
	1989-91	210	170	...	-	-	40	-	-	-	-	
	1992-94	70	...	70	-	-	-	-	-	-	-	
Artillery, Field and Anti-Air d	1983-85	883	520	...	50	153	-	-	20	-	-	1
	1986-88	555	290	...	-	95	20	-	70	-	40	
	1989-91	217	140	...	-	47	20	-	-	-	-	
	1992-94	210	...	90	-	10	-	-	-	50	-	
Armored Personnel Carriers and Armored Cars	1983-85	550	270	...	-	-	40	-	90	-	-	1
	1986-88	354	310	...	-	4	40	-	-	-	-	
	1989-91	60	70	...	-	-	-	80	-	-	-	
	1992-94	230	...	120	-	1	-	-	110	-	-	
NAVAL CRAFT												
Major Surface Combatants e	1983-85	15	1	...	-	-	-	1	9	-	-	
	1986-88	-	-	...	-	-	-	-	-	-	-	
	1989-91	12	4	...	-	-	2	2	2	-	-	
	1992-94	5	...	1	-	-	1	1	1	-	-	
Other Surface Combatants f	1983-85	66	31	...	-	6	2	4	16	-	-	
	1986-88	10	-	...	-	7	-	3	-	-	-	
	1989-91	14	2	...	-	8	-	-	2	-	-	
	1992-94	13	...	2	-	9	-	-	1	-	-	
Submarines	1983-85	2	1	...	-	-	-	-	1	-	-	
	1986-88	-	-	...	-	-	-	-	-	-	-	
	1989-91	2	-	...	-	-	-	-	-	-	-	
	1992-94	1	...	-	-	-	-	-	-	-	-	
Missile Attack Boats	1983-85	-	-	...	-	-	-	-	-	-	-	
	1986-88	-	-	...	-	-	-	-	-	-	-	
	1989-91	6	4	...	-	-	-	-	-	-	-	
	1992-94	2	...	1	-	-	-	-	-	-	-	
AIRCRAFT												
Combat Aircraft, Supersonic	1983-85	51	20	...	-	21	-	-	-	-	-	
	1986-88	34	10	...	-	14	10	-	-	-	-	
	1989-91	64	10	...	-	24	10	-	10	-	-	
	1992-94	10	...	-	-	-	10	-	-	-	-	
Combat Aircraft, Subsonic	1983-85	40	-	...	-	40	-	-	-	-	-	
	1986-88	27	-	...	-	17	-	10	-	-	-	
	1989-91	85	-	...	-	65	-	-	20	-	-	
	1992-94	35	...	-	-	15	-	-	20	-	-	

Other Aircraft g	1983-85	179	20	...	10	39	30	-	50	-	-	
	1986-88	284	50	...	-	84	10	-	30	-	-	1
	1989-91	85	10	...	-	15	-	-	40	-	-	
	1992-94	81	...	-	-	21	-	-	-	10	10	
Helicopters	1983-85	187	70	...	-	67	20	-	20	-	-	
	1986-88	161	70	...	-	21	50	-	20	-	-	
	1989-91	185	40	...	-	25	60	-	60	-	-	
	1992-94	124	...	10	-	54	30	-	-	-	-	
MISSILES												
Surface-to-Air	1983-85	1,020	790	...	-	-	-	180	20	-	-	
	1986-88	1,310	1,310	...	-	-	-	-	-	-	-	
	1989-91	13	-	...	-	13	-	-	-	-	-	
	1992-94	330	...	60	-	-	-	-	-	-	-	2

Go to [Next](#) [Next Page](#) [Contents](#) [Table V Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier And Weapon Type, Cumulative by Period

MIDDLE EAST

SUPPLIER a WEAPON TYPE--PERIOD	TOTAL	SOVIET UNION (fmr)b	RUSSIA b	OTHER WARSAW PACT (fmr)	UNITED STATES	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OT DEVE	
LAND ARMAMENTS												
Tanks	1983-85	3,564	650	...	390	634	10	180	20	1,440	-	2
	1986-88	1,487	420	...	510	317	20	-	-	30	-	1
	1989-91	1,088	700	...	-	198	30	-	20	-	-	1
	1992-94	1,083	...	290	100	543	10	-	-	-	-	1
Artillery, Field and Anti-Air d	1983-85	7,253	690	...	270	323	80	-	4,500	770	240	3
	1986-88	3,011	490	...	30	221	-	40	30	1,670	100	4
	1989-91	1,317	370	...	150	57	20	-	100	540	-	
	1992-94	1,227	...	40	230	157	310	-	430	20	-	
Armored Personnel Carriers and Armored Cars	1983-85	5,924	1,610	...	550	1,154	430	10	470	1,000	-	7
	1986-88	2,715	820	...	1,000	215	170	-	160	220	-	1
	1989-91	1,469	370	...	360	569	20	-	-	-	-	1
	1992-94	1,750	...	420	-	750	20	-	550	-	-	
NAVAL CRAFT												
Major Surface Combatants e	1983-85	10	4	...	-	-	2	-	2	2	-	
	1986-88	2	-	...	-	-	2	-	-	-	-	
	1989-91	1	1	...	-	-	-	-	-	-	-	
	1992-94	-	...	-	-	-	-	-	-	-	-	
Other Surface Combatants f	1983-85	96	10	...	-	10	4	13	5	8	35	
	1986-88	78	8	...	2	-	5	4	10	-	16	
	1989-91	46	6	...	-	-	15	4	14	-	-	
	1992-94	32	...	-	-	7	12	9	-	-	4	
Submarines	1983-85	4	2	...	-	-	-	-	-	2	-	
	1986-88	2	1	...	-	-	-	-	-	-	-	
	1989-91	-	-	...	-	-	-	-	-	-	-	
	1992-94	2	...	2	-	-	-	-	-	-	-	
Missile Attack Boats	1983-85	20	6	...	-	-	-	-	8	6	-	
	1986-88	1	-	...	-	-	-	-	1	-	-	
	1989-91	3	-	...	-	-	-	-	3	-	-	
	1992-94	7	...	-	-	-	-	-	-	7	-	
AIRCRAFT												
Combat Aircraft, Supersonic	1983-85	631	370	...	-	61	100	10	-	90	-	
	1986-88	283	110	...	-	123	30	20	-	-	-	
	1989-91	406	80	...	-	56	50	50	-	40	-	1
	1992-94	204	...	-	-	174	-	-	-	30	-	
Combat Aircraft, Subsonic	1983-85	90	60	...	-	-	10	20	-	-	-	
	1986-88	45	20	...	-	5	-	20	-	-	-	
	1989-91	50	20	...	-	-	-	20	-	-	-	
	1992-94	-	...	-	-	-	-	-	-	-	-	

Other Aircraft g	1983-85	190	60	...	50	10	-	-	60	-	-	
	1986-88	198	20	...	10	28	-	30	30	10	-	
	1989-91	120	10	...	20	-	10	10	-	10	-	
	1992-94	70	...	-	-	-	-	-	10	-	-	
Helicopters	1983-85	318	180	...	10	28	40	10	10	-	10	
	1986-88	161	90	...	-	1	40	-	30	-	-	
	1989-91	136	70	...	-	16	10	-	30	-	-	
	1992-94	59	...	20	10	29	-	-	-	-	-	
MISSILES												
Surface-to-Air	1983-85	11,493	4,240	...	5,000	1,063	950	240	-	-	-	
	1986-88	5,983	3,500	...	100	73	610	-	-	500	-	1,
	1989-91	1,882	720	...	10	662	470	-	-	-	-	
	1992-94	1,459	...	-	-	539	850	-	-	70	-	

Go to [Next](#) [Next Page](#) [Contents](#) [Table V Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier And Weapon Type, Cumulative by Period

SOUTH ASIA

SUPPLIER a	TOTAL	SOVIET UNION (fmr)b	RUSSIA b	OTHER WARSAW PACT (fmr)	UNITED STATES	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OT DEVE
WEAPON TYPE--PERIOD											
LAND ARMAMENTS											
Tanks	1983-85	690	570	...	-	100	-	-	-	20	-
	1986-88	1,240	1,110	...	-	-	-	-	-	130	-
	1989-91	1,920	1,630	...	40	-	-	-	-	250	-
	1992-94	440	...	40	-	-	-	-	-	260	-
Artillery, Field and Anti-Air d	1983-85	849	620	...	-	159	-	10	50	-	-
	1986-88	1,635	1,190	...	-	55	-	-	20	-	230
	1989-91	1,975	1,450	...	100	105	-	-	-	130	190
	1992-94	370	...	130	-	-	-	-	-	200	-
Armored Personnel Carriers and Armored Cars	1983-85	1,429	1,340	...	-	39	-	50	-	-	-
	1986-88	2,500	2,500	...	-	-	-	-	-	-	-
	1989-91	3,460	3,330	...	-	110	-	-	-	20	-
	1992-94	140	...	30	-	-	-	20	-	-	-
NAVAL CRAFT											
Major Surface Combatants e	1983-85	4	1	...	2	1	-	-	-	-	-
	1986-88	11	6	...	2	-	-	3	-	-	-
	1989-91	9	2	...	-	-	-	-	-	1	-
	1992-94	5	...	-	-	-	1	4	-	-	-
Other Surface Combatants f	1983-85	27	6	...	-	-	-	5	-	5	1
	1986-88	26	2	...	-	-	-	5	-	9	3
	1989-91	25	7	...	-	1	-	-	6	7	-
	1992-94	6	...	-	-	2	-	1	-	-	-
Submarines	1983-85	-	-	...	-	-	-	-	-	-	-
	1986-88	11	5	...	-	-	-	-	6	-	-
	1989-91	4	4	...	-	-	-	-	-	-	-
	1992-94	-	...	-	-	-	-	-	-	-	-
Missile Attack Boats	1983-85	8	-	...	-	-	-	-	-	8	-
	1986-88	4	-	...	-	-	-	-	-	4	-
	1989-91	-	-	...	-	-	-	-	-	-	-
	1992-94	2	...	-	-	-	-	-	-	2	-
AIRCRAFT											
Combat Aircraft, Supersonic	1983-85	210	100	...	-	40	20	-	-	50	-
	1986-88	160	90	...	-	-	30	-	-	40	-
	1989-91	310	110	...	-	-	-	-	-	90	50
	1992-94	50	...	-	-	-	-	-	-	30	-
Combat Aircraft, Subsonic	1983-85	10	-	...	-	-	-	10	-	-	-
	1986-88	30	30	...	-	-	-	-	-	-	-
	1989-91	20	-	...	-	-	-	20	-	-	-
	1992-94	-	...	-	-	-	-	-	-	-	-

Other Aircraft g	1983-85	161	100	...	20	1	10	10	10	10	-	
	1986-88	120	100	...	-	-	-	-	10	10	-	
	1989-91	110	70	...	-	-	-	-	10	30	-	
	1992-94	40	...	10	-	-	-	-	-	30	-	
Helicopters	1983-85	170	160	...	-	10	-	-	-	-	-	
	1986-88	160	150	...	-	-	10	-	-	-	-	
	1989-91	140	130	...	-	-	-	10	-	-	-	
	1992-94	10	...	10	-	-	-	-	-	-	-	
MISSILES												
Surface-to-Air	1983-85	1,240	260	...	-	-	150	-	-	80	750	
	1986-88	2,320	1,840	...	-	-	-	-	-	150	330	
	1989-91	3,391	2,980	...	300	101	-	-	-	10	-	
	1992-94	340	...	340	-	-	-	-	-	-	-	

Go to [Next](#) [Next Page](#) [Contents](#) [Table V Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

**TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier
And Weapon Type, Cumulative by Period**

ALL DEVELOPING REGIONS c												
SUPPLIER a	TOTAL	SOVIET UNION (fmr)b	RUSSIA b	OTHER WARSAW PACT (fmr)	UNITED STATES	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OT DEVE	
WEAPON TYPE--PERIOD												
LAND ARMAMENTS												
Tanks	1983-85	6,211	2,320	...	660	861	130	200	50	1,500	20	4
	1986-88	3,970	2,240	...	640	450	30	70	50	190	-	3
	1989-91	4,110	2,830	...	170	340	70	50	20	330	-	3
	1992-94	1,794	...	470	110	604	10	30	-	260	-	3
Artillery, Field and Anti-Air d	1983-85	12,850	3,800	...	370	1,191	140	10	5,310	850	280	9
	1986-88	7,391	3,050	...	110	741	190	40	240	1,730	430	8
	1989-91	5,084	2,330	...	250	244	50	10	100	1,430	230	4
	1992-94	2,644	...	320	250	224	350	-	440	840	20	2
Armored Personnel Carriers and Armored Cars	1983-85	11,640	4,880	...	580	1,680	880	110	1,150	1,000	110	1,
	1986-88	7,841	4,790	...	1,220	461	380	20	160	560	-	2
	1989-91	5,893	3,950	...	460	723	190	80	-	140	-	3
	1992-94	2,994	...	1,070	190	794	70	30	660	-	-	1
NAVAL CRAFT												
Major Surface Combatants e	1983-85	52	18	...	2	4	2	6	14	2	-	
	1986-88	20	9	...	2	-	2	3	4	-	-	
	1989-91	27	8	...	-	-	2	2	4	3	-	
	1992-94	31	...	2	-	-	2	6	17	3	-	
Other Surface Combatants f	1983-85	300	86	...	-	17	19	37	41	15	44	
	1986-88	208	31	...	2	13	18	16	34	15	22	
	1989-91	145	33	...	-	10	16	7	32	24	6	
	1992-94	117	...	9	-	18	12	10	24	7	6	
Submarines	1983-85	9	5	...	-	-	-	-	2	2	-	
	1986-88	17	8	...	-	-	-	-	8	-	-	
	1989-91	6	4	...	-	-	-	-	-	-	-	
	1992-94	5	...	3	-	-	-	-	1	-	-	
Missile Attack Boats	1983-85	34	8	...	-	-	4	-	8	14	-	
	1986-88	5	-	...	-	-	-	-	1	4	-	
	1989-91	9	4	...	-	-	-	-	3	-	-	
	1992-94	12	...	2	-	-	-	-	-	9	-	
AIRCRAFT												
Combat Aircraft, Supersonic	1983-85	1,453	940	...	-	213	120	30	-	140	-	
	1986-88	805	340	...	-	285	70	20	-	50	-	
	1989-91	992	280	...	-	172	60	50	10	160	50	2
	1992-94	345	...	30	-	185	10	-	-	80	-	
Combat Aircraft, Subsonic	1983-85	280	60	...	-	140	20	50	-	-	-	
	1986-88	160	90	...	-	10	10	40	-	10	-	
	1989-91	190	40	...	-	80	-	40	20	-	-	
	1992-94	94	...	-	-	54	-	20	20	-	-	

Other Aircraft g	1983-85	1,000	270	...	150	60	80	20	300	20	20	
	1986-88	799	200	...	90	129	20	30	120	20	-	1
	1989-91	487	120	...	50	47	10	10	90	60	-	1
	1992-94	364	...	20	10	34	-	30	50	60	10	1
Helicopters	1983-85	1,155	630	...	100	135	150	10	60	-	10	
	1986-88	824	500	...	-	84	160	10	60	-	-	
	1989-91	681	300	...	50	101	90	20	100	-	-	
	1992-94	295	...	100	20	95	40	10	-	-	-	
MISSILES												
Surface-to-Air	1983-85	20,178	9,850	...	5,000	2,158	1,120	1,080	100	80	750	
	1986-88	14,032	9,550	...	100	502	740	650	60	650	330	1,
	1989-91	6,860	3,960	...	310	1,520	580	50	190	180	-	
	1992-94	3,245	...	610	-	845	1,270	-	-	70	-	4

Go to [Next](#) [Next Page](#) [Contents](#) [Table V Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

**TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier
And Weapon Type, Cumulative by Period**

AFRICA												
SUPPLIER a	TOTAL	SOVIET UNION (fmr) ^b	RUSSIA ^b	OTHER WARSAW PACT (fmr)	UNITED STATES	FRANCE	UNITED KINGDOM	OTHER NATO	CHINA	OTHER DEVELOPED	OT DEVE	
WEAPON TYPE--PERIOD												
LAND ARMAMENTS												
Tanks	1983-85	1,054	540	...	10	64	120	20	30	40	-	2
	1986-88	870	430	...	130	110	10	70	50	-	-	
	1989-91	670	310	...	130	30	-	50	-	-	-	1
	1992-94	200	...	70	10	60	-	30	-	-	-	
Artillery, Field and Anti-Air d	1983-85	2,676	1,650	...	50	106	60	-	430	50	40	2
	1986-88	1,603	850	...	80	113	170	-	120	-	30	2
	1989-91	1,310	300	...	-	-	10	-	-	680	-	3
	1992-94	600	...	60	20	-	-	-	10	450	-	
Armored Personnel Carriers and Armored Cars	1983-85	2,583	1,200	...	30	113	400	-	330	-	110	4
	1986-88	1,448	790	...	220	128	170	20	-	-	-	1
	1989-91	599	120	...	100	9	140	-	-	40	-	1
	1992-94	710	...	500	190	-	10	-	-	-	-	
NAVAL CRAFT												
Major Surface Combatants e	1983-85	12	9	...	-	-	-	2	1	-	-	
	1986-88	3	3	...	-	-	-	-	-	-	-	
	1989-91	1	1	...	-	-	-	-	-	-	-	
	1992-94	-	...	-	-	-	-	-	-	-	-	
Other Surface Combatants f	1983-85	67	13	...	-	1	13	15	13	2	-	
	1986-88	67	8	...	-	4	13	2	20	6	-	
	1989-91	37	12	...	-	-	1	-	9	11	-	
	1992-94	32	...	-	-	-	-	-	14	3	-	
Submarines	1983-85	2	2	...	-	-	-	-	-	-	-	
	1986-88	2	2	...	-	-	-	-	-	-	-	
	1989-91	6	-	...	-	6	-	-	-	-	-	
	1992-94	-	...	-	-	-	-	-	-	-	-	
Missile Attack Boats	1983-85	6	2	...	-	-	4	-	-	-	-	
	1986-88	-	-	...	-	-	-	-	-	-	-	
	1989-91	-	-	...	-	-	-	-	-	-	-	
	1992-94	-	...	-	-	-	-	-	-	-	-	
AIRCRAFT												
Combat Aircraft, Supersonic	1983-85	298	260	...	-	18	-	20	-	-	-	
	1986-88	110	80	...	-	-	-	-	-	10	-	
	1989-91	80	40	...	-	10	-	-	-	20	-	
	1992-94	14	...	-	-	4	-	-	-	-	-	
Combat Aircraft, Subsonic	1983-85	30	-	...	-	-	10	10	-	-	-	
	1986-88	50	20	...	-	-	10	10	-	10	-	
	1989-91	-	-	...	-	-	-	-	-	-	-	
	1992-94	20	...	-	-	-	-	10	-	-	-	

Other Aircraft g	1983-85	351	70	...	70	1	10	10	160	10	-	
	1986-88	152	10	...	80	2	10	-	40	-	-	
	1989-91	100	20	...	20	-	-	-	30	10	-	
	1992-94	62	...	-	10	12	-	10	10	10	-	
Helicopters	1983-85	320	190	...	30	-	60	-	20	-	-	
	1986-88	230	170	...	-	-	40	-	10	-	-	
	1989-91	70	20	...	30	-	10	-	10	-	-	
	1992-94	20	...	20	-	-	-	-	-	-	-	
MISSILES												
Surface-to-Air	1983-85	4,991	4,360	...	-	341	20	200	60	-	-	
	1986-88	2,500	1,860	...	-	250	130	10	-	-	-	2
	1989-91	290	210	...	-	-	-	-	-	30	-	
	1992-94	20	...	-	-	-	20	-	-	-	-	

Go to [Next](#) [Next Page](#) [Contents](#) [Table V Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

TABLE V. Number of Major Weapons Delivered to Developing Regions, By Supplier and Weapon Type, Cumulative by Period

- Nil

a Suppliers include the five largest exporters of major weapons, as well as other major groups.

b Soviet weapon deliveries ended in 1991 in the main, although a small number were delivered in 1992 under prior-year agreement is attributed here to Russia.

c Totals include the "developing" countries, as previously listed in Table III, with the exception of those in Europe.

d Air defense artillery includes weapons over 23mm. Field artillery includes mobile rocket launchers, mortars, and recoilless rifles over 100mm.

e Major surface combatants include aircraft carriers, cruisers, destroyers, destroyer escorts, and frigates.

f Other surface combatants include motor torpedo boats, subchasers, and minesweepers.

g Other aircraft include reconnaissance aircraft trainers, transports, and utility aircraft.

Go to [Next](#) [Next Page](#) [Contents](#) [Table V Index](#) [Contents](#) [WMEAT Main Table of Contents](#)



[ACDA Homepage](#)

STATISTICAL NOTES

These notes define the country groupings and variables employed in the Statistical Tables, identify the sources of information, and explain the methods of handling data. A primary aim is to inform the reader of the main qualifications to the data, much of which is not as accurate and reliable as uniform presentation in statistical tables may imply. This is particularly true of the data on military expenditures, armed forces, and arms transfers, which in many countries are subject to severe limitations of incompleteness, ambiguity, or total absence due to governmental secrecy.

Index

This index is provided as a means to quickly move to sections contained within this document.

Coverage and Groups of Countries Sources and Definitions

Military Expenditures
Gross National Product (GNP)
Military Expenditures-to-GNP Ratio
Central Government Expenditures (CGE)
Population
Armed Forces
Arms Transfers
Total Imports and Exports

Conversion of National Currencies to Dollars Growth Rates

Coverage and Groups of Countries

The statistical tables report data for 172 countries (167 in 1994), including most members of the United Nations as well as nonmembers Switzerland and Taiwan. UN members not covered are generally small and not considered militarily significant; relevant data for them are frequently unavailable (see note 1).

Countries are grouped into normally defined *geographical regions* with the following exceptions: Egypt is assigned to the Middle East rather than to Africa; and Oceania includes only Australia, New Zealand, Papua New Guinea, and Fiji. Note the following redefined and new regions beginning with *WMEAT 1993-1994*: Mexico has been added to Canada and the United States to form North America in the "NAFTA" sense; Central America and the Caribbean and South America replace Latin America; Central Asia and the Caucasus contains eight republics from the former Soviet Union (since 1992); Western Europe consists of NATO Europe plus Austria, Finland, Ireland, Malta, Sweden, and Switzerland; Eastern Europe contains the former Warsaw Pact countries plus Albania and the successors to Yugoslavia and the Soviet Union, except those republics from the latter that are detached to Central Asia and Caucasus. A full listing of specific countries in each region may be found in Main Statistical Table III (pages 153-157).

The following political and economic groups are included: NATO, the (former) Warsaw Pact, OPEC, and OECD. NATO (North Atlantic Treaty Organization) consists of Belgium, Canada, Denmark, France, West Germany, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Turkey, the United Kingdom, and the United States. Spain joined in 1982, and its membership has since been reaffirmed. Although its participation is limited and still evolving, Spain has been included in the NATO grouping since *WMEAT 1991-1992*. France also limits its military participation (since 1966), but is traditionally associated with NATO and is therefore included in the group. The Warsaw Pact was formally dissolved on July 1, 1991. It consisted of Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Romania, and the Soviet Union. OPEC (Organization of Petroleum Exporting Countries) includes Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela. OECD (Organization for Economic Cooperation and Development) comprises the NATO countries and Australia, Austria, Finland, Ireland, Japan, Mexico, New Zealand, Sweden, and Switzerland.

The 33-country *developed* group has been revised from the previous edition (primarily on the basis of GNP per capital) by shifting the Czech and Slovak Republics, Greece, Israel, Singapore, South Korea, and Taiwan from the developing group to the developed, and Romania from developed to developing. The developed group in this edition includes the following countries: all Western Europe except Malta and Turkey; in Eastern Europe, all former Warsaw Pact members (including Czechoslovakia's successors and Russia) except Bulgaria, Romania, and the successor states to the Soviet Union other than Russia; in East Asia, Japan, Singapore, South Korea, and ChinaTaiwan; in Oceania, Australia and New Zealand; and Israel and South Africa. The specific countries in each region classed as developed are so designated in Main Statistical Table III (pages 153-157).

All other countries are classified as *developing*. Besides the newly independent and transitioning economies (except Russia) coming out of the Soviet Union and Yugoslavia, this includes the other recently or presently *communist* countries of Albania, Bulgaria, Cambodia, Mainland China, Cuba, Laos, Mongolia, North Korea, Romania, and Vietnam, as well as all countries in Africa, Central Asia and Caucasus, Central and South America, South Asia, the Middle East except Israel, the rest of East Asia and Oceania, and Malta and Turkey in Western Europe.

Most of the data are for calendar years. For some countries, however, expenditure data are available only for fiscal years which diverge from calendar years. In such cases, the fiscal year which contains the most months of a given calendar year is assigned to that year; e.g., data for the fiscal year April 1993 through March 1994 would be shown under 1993. Data for fiscal years ending on June 30 are normally entered under the calendar year in which they end.

Sources and Definitions

Military Expenditures

For NATO countries, military expenditures are from NATO publications and are based on the NATO definition. In this definition, (a) civilian-type expenditures of the defense ministry are excluded and military-type expenditures of other ministries are included; (b) grant military assistance is included in the expenditures of the donor country; and (c) purchases of military equipment for credit are included at the time the debt is incurred, not at the time of payment.

For other non-communist countries, data are generally the expenditures of the ministry of defense. When these are known to include the costs of internal security, an attempt is made to remove these expenditures. A wide variety of data sources is used for these countries, including the publications and data resources of other US government agencies, standardized reporting of countries to the

United Nations, and other international sources.

It should be recognized by users of the statistical tables that the military expenditure data are of uneven accuracy and completeness. For example, there are indications or reasons to believe that the military expenditures reported by some countries consist mainly or entirely of recurring or operating expenditures and omit all or most capital expenditures, including arms purchases. In the case of several countries (Algeria, Chile, Cuba, Ecuador, Egypt, Iraq, Iran, Libya, Nigeria, and Syria), special note of this possibility is made in Table 1.

In some of these cases (as indicated in the footnotes of Table 1), it is believed that a better estimate of total military expenditures is obtained by adding to nominal military expenditures the value of arms imports (as shown in Table II and converted to local currency by current exchange rates). It must be cautioned, however, that this method may over- or underestimate the actual expenditures in a given year due to the fact that payment for arms may not coincide in time with deliveries, which the data in Table II reflect. Also, arms acquisitions in some cases may be financed by, or consist of grants from, other countries.

In Statistical Table I, the symbol "E" denotes rough estimates such as those described above and others made on the basis of partial or uncertain data. In a few cases of particular interest, very rough estimates are also shown, marked with the symbol "R" and printed in shaded type. It should be understood that these estimates are based on scant information and are subject to a wide range of error.

For countries that have major clandestine nuclear or other military weapons development programs, such as Iraq, estimation of military expenditures is extremely difficult and especially subject to errors of underestimation.

Further improvements in the quality of the military expenditure data presented for countries throughout the world will be difficult to achieve without better reporting by the countries themselves. As has been noted elsewhere, "There is growing evidence that important amounts of security expenditures may not enter the accounts or the national budgets of many developing countries." (see Note 2) Among the mechanisms commonly used to obscure such expenditures are: double-bookkeeping, use of extrabudgetary accounts, highly aggregated budget categories, military assistance, and manipulation of foreign exchange.

Particular problems arise in estimating the military expenditures of communist countries due to the exceptional scarcity and ambiguity of released information. As in past editions of this publication, data on the military expenditures of the Soviet Union are based on Central Intelligence Agency (CIA) estimates. For most of the series, these are estimates of what it would cost in the United States in dollars to develop, procure, staff and operate a military force similar to that of the Soviet Union (see Note 3). Estimates of this type—that is, those based entirely on one country's price pattern—generally overstate the relative size of the second country's expenditures in intercountry comparisons (see Note 4). Also, such estimates are not consistent with the methods used here for converting other countries' expenditures into dollars (see Note 5).

Nevertheless, the basic CIA estimates are the best available for present purposes; in fact, there are no alternative estimates that can inspire confidence and have the capability to detect relatively small changes over time, such as the slowdown and decline in Soviet military spending that the CIA estimates have indicated. Soviet estimates for the most recent years are based on the change in the index of CIA-estimated military expenditures in ruble terms, as reported in the Joint Economic Committee of Congress series, *Allocation of Resources in the Soviet Union and China*, *op. cit.*

For Russia, estimated military spending trends in rubles are used in conjunction with dollar estimates for earlier years to make very rough estimates of spending in dollars. (See also the section on the ME/GNP ratio, below.)

For former Warsaw Pact countries other than the Soviet Union, the estimates of military expenditures through 1989 are from Thad P. Alton *et al* (see Note 6). These estimates cover the officially announced state budget expenditures on national defense and thus understate total military expenditures to the extent of possible defense outlays by non-defense agencies of the central government, local governments, and economic enterprises. Possible subsidization of military procurement may also cause understatement. The dollar estimates were derived by calculating pay and allowances at the current full US average rates for officers and for lower ranks. After subtraction of pay and allowances, the remainder of the official defense budgets in national currencies was converted into dollars at overall rates based on comparisons of the various countries' GNPs expressed in dollars and in national currencies. The rates are based in part on the purchasing power parities estimated by the International Comparison Project of the United Nations, including their latest (Phase V) versions.

Estimates for these countries in 1990 and 1991 are based on total military spending in national currency as reported by the respective governments to the UN (in most cases) or the IMF. These expenditures *in toto* are converted to dollars at the Alton GNP conversion rates for 1989 as adjusted to 1991 by the respective US and national GNP deflators (per the World Bank), without estimating personnel compensation separately at US dollar rates, as was done for earlier years. The resulting military conversion rates (in national currency per dollar) are substantially higher than the implied rates for previous years, substantially lower than the 1991 market rate, and approximately the same as the implied rate for GNP (see below).

Estimates for the newly independent states of the former Soviet Union, Yugoslavia, and Czechoslovakia and other former Warsaw Pact countries present difficulties due to scarcity of reliable data in national currencies or to problems in converting to dollars. The basic method employed for most of these countries was to establish the ratio of military expenditures to GNP in national currency and then to multiply this ratio by the World Bank's estimate of GNP in dollars as converted to international dollars by estimated purchasing power parities (PPPs) and reported in the *World Bank Atlas 1996*. This method implicitly converts military spending at the GNP-wide PPP, which, as with conversion by exchange rates, preserves the same ME/GNP ratio in dollars as obtains in national currency.

Data used here for China are based on US Government estimates of the yuan costs of Chinese forces, weapons, programs and activities (see Note 7). Costs in yuan are here converted to dollars using the same estimated conversion rate as used for GNP (see below). Due to the exceptional difficulties in both estimating yuan costs and converting them to dollars, comparisons of Chinese military spending with other data should be treated as having a wide margin of error.

Other published sources used include the *Government Finance Statistics Yearbook*, issued by the International Monetary Fund; *The World Factbook*, produced annually by the Central Intelligence Agency; *The Military Balance*, issued by the International Institute for Strategic Studies, (London); and the *SIPRI Yearbook: World Armaments and Disarmament*, issued by the Stockholm International Peace Research Institute.

For the benefit of users concerned with accuracy, table entries based on inadequate data and/or simplistic methods and yielding approximative estimates that are not fully comparable with those for earlier years are marked "R", for "rough estimate".

Gross National Product (GNP)

GNP represents the total output of goods and services produced by residents of a country, valued at market prices. The source of GNP data for most non-communist countries is the International Bank for Reconstruction and Development (World Bank).

For a number of countries whose GNP is dominated by oil exports (Bahrain, Kuwait, Libya, Oman, Qatar, Saudi Arabia, and the United Arab Emirates), the World Bank's estimate of deflated (or constant price) GNP in domestic currency tends to understate increases in the

monetary value of oil exports, and thus of GNP, resulting from oil price increases. These World Bank estimates are designed to measure real (or physical) product. An alternative estimate of constant-price GNP was therefore obtained using the implicit price deflator (see Note 8) for US GNP (for lack of a better national deflator). This is considered appropriate because a large share of the GNP of these countries is realized in US dollars.

GNP estimates of the Soviet Union are by the CIA, as published in its *Handbook of Economic Statistics 1990* and updated. GNP estimates for other Warsaw Pact countries through 1989 are from "East European Military Expenditures, 1965-1978" by Thad P. Alton and others, *op. cit.*, as updated and substantially revised by the authors. These estimates through 1989 have been extended to 1990 and 1991 on the basis of estimates for those years in the CIA's *Handbook of Economic Statistics, 1992*.

Estimates of GNP in 1992-1994 for successor states to the Soviet Union, Yugoslavia, and Czechoslovakia are based on World Bank estimates of GNP per capita employing PPPs, as published in the *World Bank Atlas 1996*.

GNP data for China are based on World Bank estimates in yuan. These are in line with estimates of GDP in Western accounting terms made by Chinese authorities. Converting estimates in yuan to dollars is highly problematic, however, due to the inappropriateness of the official exchange rate and lack of sufficient yuan price information by which to reliably estimate PPPs. (The ratio of the highest to the lowest estimates by various sources of China's GNP is on the order of 6 or 7 to 1, which would make the world rank of China's GNP vary between about 3rd or 4th and 12th.) The conversion rate used here is based on a PPP estimated for 1981 (see Note 9) and moved by respective US and China implicit GNP deflators to 1994.

GNP estimates for a few non-communist countries are from the CIA's *Handbook of Economic Statistics* cited above. Estimates for the other communist countries are rough approximations.

Military Expenditures-to-GNP Ratio

It should be noted that the meaning of the ratio of military expenditures to GNP, shown in Table I, differs somewhat between most communist (or previously communist) and other countries. For non-communist countries, both military expenditures and GNP are converted from the national currency unit to dollars at the same exchange rate; consequently, the ratio of military expenditures to GNP is the same in dollars as in the national currency and reflects national relative prices. For communist countries, however, military expenditures and GNP are converted differently. Soviet military expenditures, as already noted, are estimated in a way designed to show the cost of the Soviet armed forces in US prices, as if purchased in this country. On the other hand, the Soviet GNP estimates used here are designed to show average relative size when both US and Soviet GNP are valued and compared at both dollar and ruble prices. The Soviet ratio of military expenditures to GNP in ruble terms, the preferred method of comparison, is estimated to have been 15-18% in recent years.

The estimated ratio for Russia derived here in dollars is probably somewhat overstated, since military spending in dollars is related to earlier estimates for the Soviet Union, while GNP estimates (at PPPs) are by the World Bank. Russia's burden ratio in ruble terms is preferably estimated to be in the vicinity of 10% or less.

For Eastern European countries, the ratios of military expenditures to GNP in dollars are about twice the ratios that would obtain in domestic currencies. (See Alton and others, *op. cit.*) However, since official military budgets in these countries probably substantially understate their actual military expenditures, the larger ratios based on dollar estimates are believed to be the better approximations of the actual ratios.

Central Government Expenditures (CGE)

These expenditures include current and capital (developmental) expenditures plus net lending to government enterprises by central (or federal) governments. A major source is the International Monetary Fund's *Government Finance Statistics Yearbook*. The category used here is "Total Expenditures and Lending minus Repayment, Consolidated Central Government."

Other sources for these data are the International Monetary Fund, *International Financial Statistics* (monthly); OECD, *Economic Surveys*; and CIA, *The World Factbook* (annual). Data for Warsaw Pact countries are from national publications and are supplied by Thad P. Alton and others. For all Warsaw Pact countries and China, conversion to dollars is at the implicit rates used for calculating dollar estimates of GNP.

For all countries, with the same exceptions as noted above for the military expenditures-to-GNP ratio, military expenditures and central government expenditures are converted to dollars at the same rate; the ratio of the two variables in dollars thus remains the same as in national currency.

It should be noted that for the Soviet Union, China, Iran, Jordan, and possibly others, the ratio of military expenditures to central government expenditures may be overstated, inasmuch as the estimate for military expenditures is obtained at least in part independently of nominal budget or government expenditure data, and it is possible that not all estimated military expenditures pass through the nominal central government budget.

Population

Population estimates are for midyear and are made available to ACDA by the US Bureau of the Census.

Armed Forces

Armed forces refer to active-duty military personnel, including paramilitary forces if those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included unless specifically noted.

Figures for the United States and all other NATO countries are as reported by NATO. Estimates of the number of personnel under arms for other countries are provided by US Government sources. The armed forces series for the Soviet Union includes all special forces judged to have national security missions (e.g., KGB border guards) and excludes uniformed forces primarily performing noncombatant services (construction, railroad, civil defense, and internal security troops).

Arms Transfers

Arms transfers (arms imports and exports) represent the international transfer (under terms of grant, credit, barter or cash) of military equipment, usually referred to as conventional," including weapons of war, parts thereof, ammunition, support equipment, and other commodities designed for military use. Among the items included are tactical guided missiles and rockets, military aircraft, naval vessels, armored and nonarmored military vehicles, communications and electronic equipment, artillery, infantry weapons, small arms, ammunition, other ordnance, parachutes, and uniforms. Dual use equipment, which can have application in both military and civilian sectors, is included when its primary mission is identified as military. The building of defense production facilities and licensing fees paid as royalties for the production of military equipment are included when they are contained in military transfer agreements. There have been no international transfers of purely strategic weaponry. Military services such as training, supply operations, equipment repair, technical assistance, and construction are included where data are available. Excluded are foodstuffs, medical equipment, petroleum products and other supplies.

Redefinition of US Arms Exports. The scope of US arms exports data has been modified in this edition. These exports include both government-to-government transfers under the Foreign Military Sales (FMS), Military Assistance Program (MAP), and other programs administered by the Department of Defense, and commercial (enterprise-to-government) transfers licensed by the Department of State under International Traffic in Arms Regulations. Under the previous practice, the materiel component (arms, equipment, and "hardware" items) of FMS and MAP sales was included, while the military services component was excluded (although the magnitude and general destination of the omitted services was reported in these Statistical Notes). The commercial sales category, covering both materiel and military services, was included in its entirety. Beginning with this edition, both the materiel and the military services components of FMS and other government-to-government sales (such as the International Military Education and Training Program-IMET) are included in total US arms exports as reported here.

The previous omission of FMS and other military services was intended to improve comparability with available estimates of the arms exports of other countries, which tended to contain a much smaller services component and/or were subject to significant underestimation (services being less easily observed). The increasing importance of these services and the desire to present a full picture of US arms exports consistent with other sources prompted the change to inclusion. Users should be aware, however, of both the lower true share of services in other countries' arms exports and the tendency to underestimate them. It should also be noted that a portion of the IMET program is devoted to programs that promote improved civil military relations.

The change in scope of US arms exports has increased their overall volume by amounts ranging over the last decade from \$2.3 billion (current dollars) to \$3.7 billion for deliveries and \$2.3 billion to \$7.3 billion for agreements.

The statistics contained in Tables II, III and part of IV are estimates of the value of goods actually delivered during the reference year, in contrast both to payments and the value of programs, agreements, contracts, or orders concluded during the period, which are expected to result in future deliveries. However, summary data on arms transfer agreements are presented in Table IV. Both deliveries and agreements data represent arms transfers to governments and do not include the value of arms obtained by subnational groups.

Figures for US arms exports are for fiscal years as reported by the US Departments of Defense and State. Data on US arms export agreements shown in Table IV have the same coverage as deliveries data. Commercial agreements are here taken to equal deliveries, since agreements data as such are not available and data on commercial licenses issued are not considered sufficiently indicative.

US Arms Imports. Data on US arms import data in this and the previous three editions are revised upward substantially from earlier editions. The present series consists of data obtained from the Department of Commerce, Bureau of Economic Analysis (BEA), including (a) imports of military-type (formerly "special category") goods, as compiled by the Bureau of the Census, and (b) Department of Defense direct expenditures abroad for major equipment, as compiled from DOD data by BEA. The goods in (a) include: complete military aircraft, all types; engines and turbines for military aircraft; military trucks, armored vehicles, etc.; military (naval) ships and boats; tanks, artillery, missiles, guns, and ammunition; military apparel and footwear; and other military goods, equipment, and parts.

Data on countries other than the United States are estimates by US Government sources. Arms transfer data for the Soviet Union and other former communist countries are approximations based on limited information. (See Note 10)

It should be noted that the arms transfer estimates for the most recent year, and to a lesser extent for several preceding years, tend to be understated. This applies to both foreign and US arms exports. In the former case, information on transfers comes from a variety of sources and is sometimes acquired and processed with a considerable time lag. In the US case, commercial arms

transfer licenses are now valid for three years, causing a delay in the reporting of deliveries made on them to statistical agencies. Data for the most recent two years in Main Statistical Tables II, III, and IV, therefore, can be expected to undergo some upward revision in succeeding issues.

Close comparisons between the estimated values shown for arms transfers and for GNP and military expenditures are not warranted. Frequently, weapons prices do not reflect true production costs. Furthermore, much of the international arms trade involves offset or barter arrangements, multiyear loans, discounted prices, thirdparty payments, and partial debt forgiveness. Acquisition of armaments thus may not impose the burden on an economy, whether in the same or in other years, that is implied by the estimated equivalent US dollar value of the shipment. Therefore, the value of arms imports should be compared to other categories of data with care.

Total Imports and Exports

The values for imports and exports cover merchandise transactions and come mainly from *International Financial Statistics* published by the IMF. The trade figures for presently and formerly communist countries are from the *CIA Handbook of Economic Statistics*, 1995 edition.

Conversion of National Currencies to Dollars

All value data in the report are expressed in US dollars. For most countries, this requires the conversion into dollars of amounts expressed in national currencies at current (or "then-year") prices. Available methods for doing so are less than satisfactory in all respects. The approach adopted in this series of reports relies on market or par exchange rates. In this method, current-price national currency data for an entire series of years is converted to current US dollars through the use of a single (base-year) exchange rate and two price indexes, one national and one US.

Basic Steps

The conversion approach used here consists essentially of three steps:

a) Each country's data, expressed originally in the national currency and at current prices, are "deflated" or put into constant-price terms, usually by means of the country's implicit deflator for GNP as a whole. This GNP price index is used also for other variables-military and central government expenditures-because more appropriate price indices for those sectors are not generally available. National currency data for all years are expressed in prices of the conversion base year (1994 in this issue).

b) These data are then divided by the average exchange rate in the base year between the national currency and the US dollar and thus converted into constant baseyear (1994) dollars. Exchange rates are provided by the World Bank and are usually the annual average par/market rate, (the "rf"rate as designated by the International Monetary Fund).

c) Data in constant dollars are then expressed in current dollars by multiplying by the US implicit GNP deflator.

The calculation may be illustrated by an example, assuming the following data:

1984 national military expenditures, in national currency at current (1984) prices = 4,600

1984 implicit GNP deflators (1994 = 100):

National	55.5
US	77.7

1994 exchange rate, national currency units per dollar = 15.92

Then, 1984 national military expenditures:

In constant 1994 dollars = 4,600 divided by .555 divided by 15.92 = 520.6
In current (1984) dollars = 520.6 x .777 = 404.5

Advantages and Disadvantages

The use in this report of the same rate for converting all variables from national currencies to US dollars (with the exceptions noted below) means that the relationships among variables in national currency terms remain the same when those variables are expressed in dollars.

The conversion method used here has an advantage in that it takes into account national differences in the behavior of prices and, within each edition, avoids the distorting effect that can result from changes in exchange rates during the decade. It does not, however, allow for a number of other factors. One is that any within-country differences between the price indices for military or central government expenditures and for GNP are not taken into account. For example, indices for compensation of military personnel or prices of imported arms might behave differently from the overall index.

A more serious problem is that exchange rates in many cases do not adequately reflect the relative purchasing power of currencies. This has been demonstrated by a detailed study of purchasing power parities (PPPs) for the GNPs of a large number of countries (see Note 11). This study found that the greater the disparity in the per capita income of countries, the greater the tendency for exchange rates to understate the value of the poorer country's product, and that the understatement can be very large, reaching as much as threefold in some cases. However, since this study did not estimate PPPs for military expenditures as such, it does not shed much light on how PPPs specific to military expenditures or arms purchases might differ from exchange rates or from either overall or other sector-specific PPPs (see Note 12).

A disadvantage of the method used here in WMEAT is that the resulting conversion to current dollars for a given year can vary from edition to edition, despite the absence of any change in data for that year itself. The change is due solely to the rolling up of the exchange rate base year so as to make it more up-to-date, which usually means a change in the exchange rate used.

Such changes have been exceptionally large and frequent recently. This was due to two major factors: (1) the change from an appreciating and overvalued U.S. dollar (until 1985) to a depreciating one and (2) the very high inflation rates and concomitantly large exchange-rate movements occurring in a number of developing countries, together with the tendency of the exchange rate changes to undercompensate or overcompensate for relative price movements.

For a discussion of the extent of the changes and their impact on inter-country comparisons and group averages, see *WMEAT 1988*, pp. 135-136. The changes in exchange rates have not been as extensive in recent years, except for the growing number of high inflation countries.

Exceptions

There are several exceptions to the general conversion procedures discussed above. Data on arms transfers in value terms for all countries obtained by this Agency are already expressed in current dollars. (Original data in foreign currencies have generally been converted by the source at current exchange rates.) These current dollars are converted to constant 1994 dollars in the manner shown above. For the Soviet Union, GNP estimates in rubles are converted by the source into constant dollars at what is in effect an average US-and-Soviet-weighted PPP for GNP as a whole. This same conversion rate is also used for Soviet central government expenditures. Soviet

military expenditures are in effect converted by the source at a military-sector PPP using only Soviet weights. (See also the discussion of Military Expenditures, above).

For other Warsaw Pact countries and China, the available estimates for GNP and military expenditures are also already in terms which accounted for domestic price changes and have been converted to constant dollars using estimated purchasing power parities, rather than official exchange rates.

For successor states to the Soviet Union, Yugoslavia, and Czechoslovakia and other former Warsaw Pact countries, GNP in dollars is based on estimates of GNP per capita converted at PPPs and published by the World Bank in its *World Bank Atlas 1996*. Other variables are converted to dollars by multiplying a ratio of the variable to GNP in national currency by GNP in dollars. This is equivalent to using the GNP PPP to convert the other variable from national currency to dollars.

It should be noted that in all cases the relationship between current and constant dollars in this report is determined entirely by the US GNP deflator index. To facilitate reconversion to other constant-dollar bases if desired, this index, rebased here to 1994=100, is as follows:

1984 . . . . .	.72.25	1989	86.11
1985 . . . . .	.74.88	1990	89.85
1986 . . . . .	.76.90	1991	93.29
1987 . . . . .	.79.34	1992	95.89
1988 . . . . .	.82.40	1993	97.98

Growth Rates

The average annual rates of real growth shown in Tables 1-5 of the Highlights are based on data in constant 1994 dollars from Tables I and II. The rates are calculated by a least-squares fit to all years of the period of the log form (to the base 10) of the following "compound interest" equation:

$$Y = A(1 + r/100)^T,$$

or

$$\text{Log}Y = \text{Log}A + \text{Log}(1 + r/100) \times T,$$

where Y is military expenditures (or other variable) in a given year, A is the initial value for year 0, T is time in years, and r is the growth rate in percent. This formula was used in all cases to provide a consistent measure of change and is not intended to provide the best fit for projection purposes.

NOTES

Note 1 - The UN member countries as of 1994 not covered are Andorra, Antigua and Barbuda, the Bahamas, Comoros, Dominica, Grenada, Liechtenstein, Maldives, Marshall Islands, Micronesia, Monaco, Montserrat, Palau, Saint Christopher and Nevis, Saint Lucia, Saint Vincent and the Grenadines, San Marino, Seychelles, Solomon Islands, Vanuatu, and Western Samoa. Also excluded are: nonmember countries Kiribati, Nauru, Tonga, and Vatican City; the territory with unresolved sovereignty of Western Sahara; the dependencies and areas of special sovereignty of Bermuda, Hong Kong, Macau, Puerto Rico, and numerous others, many being very small islands in the Atlantic and Pacific Oceans.

Note 2 - Nicole Ball, "Measuring Third World Security Expenditure: A Research Note," *World Development*, February 1984, pp. 157-164 (Pergamon Press, London).

Note 3 - See CIA, *Soviet and US Defense Activities, 1971-80: A Dollar Cost Comparison*, January 1981. The CIA dollar estimates as shown in this source have been updated and augmented by

estimated retirement pay at US rates in order to improve comparability with expenditures by NATO countries, which include retirement pay.

Note 4 - This tendency is widely recognized in both government and nongovernment circles. For detailed commentaries by academic and government witnesses on this and other problems in estimating and comparing Soviet military expenditures, see the series of Hearings held before the Subcommittee on National Security Economics and the Subcommittee on Technology and National Security, Joint Economic Committee, Congress of the United States, *Allocation of Resources in the Soviet Union and China*. See also Hearing before the Subcommittee on Oversight of the Permanent Select Committee on Intelligence, Congress of the United States, "CIA Estimates of Soviet Defense Spending," Ninety-Sixth Congress, Second Session; Donald F. Burton, "Estimating Soviet Defense Spending," *Problems Of Communism*, March-April 1983; and Richard F. Kaufman, "Causes of the Slowdown in Soviet Defense" (with comments by others), *Soviet Economy*, January-March 1985.

Note 5 - An alternative series employing the same basic data but reflecting both the US and Soviet price patterns was provided in previous editions of this publication. See table captioned "Alternative Estimates of Soviet Military Expenditures," *World Military Expenditures and Arms Transfers, 1969-1978*, p.27; and the essay, "Soviet Military Expenditures," *World Military Expenditures and Arms Transfers, 1968-1977*, pp. 13-19.

Note 6 - The estimates are updates and substantial revisions of those in their article, "East European Military Expenditures, 1965-1978," (published in the Joint Economic Committee of Congress Compendium, *East European Economic Assessment*, Part 2, July 10, 1981, pp. 409-433) and particularly in their most recent Occasional Papers, Nos. 115-119 (published by the Research Project on National Income in East Central Europe).

Note 7 - Edward P. Parris, *Chinese Estimated Expenditures, 1967-83*, (Defense Intelligence Agency), November 1984. See also the series of Hearings before the Subcommittee on Priorities and Economy in Government of the Joint Economic Committee, US Congress, "Allocation of Resources in the Soviet Union and China."

Note 8 - The implicit price deflator is the ratio of GNP in current prices to GNP in constant prices.

Note 9 - Jeffrey R. Taylor, *Dollar Estimates for China*, Center for International Research Staff Paper No. 59, US Bureau of the Census, March 1991. This PPP appears to be carefully constructed from detailed Chinese data and yields an intermediate result. When moved to 1993, this parity (1.293 yuan/dollar) is used to produce dollar values in the same manner as the 1993 exchange rate for other countries. (See Conversion of National Currencies to Dollars.)

Note 10 - Soviet arms transfers and foreign trade data are taken from sources that present them directly in dollars; hence, particular caution should be used in comparing these statistics for arms transfers and foreign trade with other Soviet data.

Note 11 - These PPPs have been estimated by the United Nations International Comparisons Project, a cooperative undertaking of the United Nations, the World Bank and the University of Pennsylvania. See Irving Kravis, Alan Heston, and Robert Summers, *World Product and Income: International Comparisons of Real Gross Product*, published for the World Bank by the Johns Hopkins University Press, Baltimore and London, 1982.

Note 12 - A United Nations expert group has studied the feasibility of constructing purchasing power parities and price indices for military expenditures (A/40/421, 13 August 1985). However, practical prospects for the future availability of usable military PPPs are poor due to the lack of underlying national data, especially on military prices.



DATE: 4/17/97

CONTROLLING OFFICE FOR THIS DOCUMENT IS:

WMEAT (World Military Expenditures and Arms Transfers)
U.S. Arms Control and Disarmament Agency
Washington, DC 20551

POC: WMEAT (Daniel Gallik)

DISTRIBUTION STATEMENT A: Public release