

# U.S. Arms Sales: Agreements with and Deliveries to Major Clients, 2001-2008

#### Richard F. Grimmett

Specialist in International Security

December 2, 2009

**Congressional Research Service** 7-5700 www.crs.gov R40959

## Summary

This report provides background data on United States arms sales agreements with and deliveries to its major purchasers during *calendar years* 2001-2008, made through the U.S. Foreign Military Sales (FMS) program. In a series of data tables, it lists the total dollar values of U.S. government-to-government arms sales *agreements* with its top five purchasers, and the total dollar values of U.S. arms *deliveries* to those purchasers, in five specific regions of the world for three specific periods: 2001-2004, 2005-2008, and 2008 alone. In addition, the report provides data tables listing the total dollar values of U.S. government-to-government arms *agreements* with and *deliveries* to its top 10 purchasers *worldwide* for the periods 2001-2004, 2005-2008, and for 2008 alone.

This report is prepared in conjunction with CRS Report R40796, *Conventional Arms Transfers to Developing Nations, 2001-2008*, by Richard F. Grimmett. That annual report details both U.S. and foreign arms transfer activities globally and provides analysis of arms trade trends. The intent here is to complement that elaborate *worldwide* treatment of the international arms trade by providing only the dollar values of U.S. arms sales agreements with and delivery values to its leading customers, by geographic region, for the calendar years 2001-2004, 2005-2008, and 2008. Unlike CRS Report R40796, this annual report focuses exclusively on U.S. arms sales and provides the specific names of the major U.S. arms customers, by region, together with the total dollar values of their arms purchases or deliveries. This report will not be updated.

## Contents

U.S. Agreements with Leading Purchasers, 2001-2008	.1
U.S. Deliveries to Leading Purchasers, 2001-2008	.3

#### Tables

Table 1. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Africa         Agreements Concluded	1
Table 2. Leading Purchasers of U.S. Defense Articles and Services, Total Values of         American Republics Agreements Concluded	2
Table 3. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Asia         Agreements Concluded	2
Table 4. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Near         East Agreements Concluded	2
Table 5. Leading Purchasers of U.S. Defense Articles and Services, Total Values of         Europe Agreements Concluded	3
Table 6. Leading Purchasers of U.S. Defense Articles and Services, Total Values of         Worldwide Agreements Concluded	3
Table 7. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Africa         Deliveries Concluded	4
Table 8. Leading Purchasers of U.S. Defense Articles and Services, Total Values of         American Republics Deliveries Concluded	4
Table 9. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Asia         Deliveries Concluded	
Table 10. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Near         East Deliveries Concluded	5
Table 11. Leading Purchasers of U.S. Defense Articles and Services, Total Values of         Europe Deliveries Concluded	5
Table 12. Leading Purchasers of U.S. Defense Articles and Services, Total Values of         Worldwide Deliveries Concluded	

#### Contacts

Author Contact Information	6	5
----------------------------	---	---

This report provides background data on U.S. arms sales agreements with and deliveries to its major purchasers during calendar years 2001-2008. It provides the total dollar values of U.S. arms *agreements* with its top five purchasers in five specific regions of the world for the periods 2001-2004, 2005-2008, and for 2008, and the total dollar values of U.S. arms *deliveries* to its top five purchasers in five specific regions for those same years. In addition, the report provides a listing of the total dollar values of U.S. arms agreements with and deliveries to its top 10 purchasers for the periods 2001-2004, 2005-2008, and for 2008. The data are official, unclassified, United States Defense Department figures compiled by the Defense Security Cooperation Agency (DSCA), unless otherwise indicated. The data have been restructured for this report by DSCA from a *fiscal year* format to a *calendar year* format. Thus a year in this report covers the period from January 1-December 31, and *not* the fiscal year period from October 1-September 30.<sup>1</sup>

#### U.S. Agreements with Leading Purchasers, 2001-2008

The following regional tables (**Tables 1-5**) provide the total dollar values of all U.S. defense articles and defense services *sold* to the top five purchasers in each region indicated for the *calendar year(s)* noted. These values represent the total value of all government-to-government *agreements actually concluded* between the United States and the foreign purchaser under the Foreign Military Sales (FMS) program during the calendar year(s) indicated.<sup>2</sup> In **Table 6**, the total dollar values of all U.S. defense articles and defense services *sold* to the top 10 purchasers *worldwide* are provided for *calendar* year period noted. All totals are expressed as *current* U.S. dollars.

# Table 1. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Africa Agreements Concluded

Africa Agreements 2001-2004	Africa Agreements 2005-2008	Africa Agreements 2008
I Nigeria \$30 million	I Kenya \$30 million	I Kenya \$26 million
2 Kenya \$18 million	<b>2</b> Djibouti \$18 million	<b>2</b> Ethiopia \$2 million
<b>3</b> South Africa \$12 million	3 Ethiopia \$12 million	<b>3</b> Djibouti \$1 million
4 Djibouti \$11 million	<b>4</b> Senegal \$4 million	4 Senegal \$1 million
<b>5</b> Guinea \$3 million	<b>5</b> Botswana \$4 million	5 Botswana \$1 million

(in current U.S. dollars, rounded to nearest million)

<sup>&</sup>lt;sup>1</sup> The Defense Security Cooperation Agency (DSCA) publishes an annual volume providing these data in a *fiscal year* format. This publication is titled *Foreign Military Sales, Foreign Military Construction Sales, and Military Assistance Facts.* It provides detailed U.S. annual transactions with countries and international organizations for the most recent ten *fiscal* years, as of the date of publication, as well as aggregate data for these transactions since FY1950. See DSCA website for this data under DSCA Facts Book at http://www.dsca.osd.mil/. For detailed *worldwide* arms transfer data for U.S. and foreign suppliers and recipients, see CRS Report R40796, *Conventional Arms Transfers to Developing Nations, 2001-2008*, by Richard F. Grimmett.

<sup>&</sup>lt;sup>2</sup> Current U.S. law and regulations do not require U.S. companies to provide, routinely and systematically, data on arms sales *agreements actually concluded* with foreign purchasers resulting from *commercial licenses authorized* by the U.S. State Department. Thus, the *agreement* data in the following tables *do not* include the values of U.S. licensed commercial sales.

# Table 2. Leading Purchasers of U.S. Defense Articles and Services, Total Values ofAmerican Republics Agreements Concluded

American Republics Agreements 2001-2004	American Republics Agreements 2005-2008	American Republics Agreements 2008
Chile \$550 million	I Canada \$2.49 billion	I Canada \$821 million
<b>2</b> Canada \$544 million	<b>2</b> Brazil \$1.13 billion	2 Brazil \$388 million
<b>3</b> Brazil \$168 million	3 Colombia \$608 million <sup>a</sup>	3 Colombia \$310 million <sup>a</sup>
4 Colombia \$139 million <sup>a</sup>	4 Chile \$145 million	4 Chile \$78 million
5 Venezuela \$47 million	<b>5</b> Argentina \$102 million	5 Argentina \$47 million

(in current U.S. dollars, rounded to nearest million)

a. Includes FMS sales related to international narcotics interdiction programs.

#### Table 3. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Asia Agreements Concluded

Asia Agreements 2001-2004	Asia Agreements 2005-2008	Asia Agreements 2008
I South Korea \$2.9 billion	I Australia \$6.4 billion	I Taiwan \$1.3 billion
<b>2</b> Japan \$2.1 billion	<b>2</b> South Korea \$3.1 billion	<b>2</b> South Korea \$1.2 million
<b>3</b> Taiwan \$1.2 billion	<b>3</b> Japan \$3.0 billion	<b>3</b> Australia \$720 million
<b>4</b> Australia \$1.0 billion	<b>4</b> Taiwan \$1.0 billion	<b>4</b> Japan \$310 million
<b>5</b> Singapore \$1.0 billion	<b>5</b> Singapore <b>\$970</b> million	5 Singapore \$280 million

(in current U.S. dollars, rounded to nearest 10 million or 10th of a billion)

## Table 4. Leading Purchasers of U.S. Defense Articles and Services, Total Values ofNear East Agreements Concluded

(in current U.S. dollars, rounded to nearest 10 million or 10<sup>th</sup> of a billion)

Near East Agreements 2001-2004	Near East Agreements 2005-2008	Near East Agreements 2008
I Egypt \$5.2 billion	I Saudi Arabia \$11.2 billion	I U.A.E. \$8.9 billion
<b>2</b> Saudi Arabia \$4.1 billion	<b>2</b> U.A.E. \$10.0 billion	<b>2</b> Saudi Arabia \$7.8 billion
<b>3</b> Israel \$3.2 billion	<b>3</b> Egypt \$5.2 billion	3 Morocco \$2.4 billion
<b>4</b> Kuwait \$1.7 billion	<b>4</b> Pakistan \$4.5 billion	4 Iraq \$2.0 billion
5 Oman \$850 million	<b>5</b> Iraq \$3.5 billion	5 Egypt \$1.3 billion

# Table 5. Leading Purchasers of U.S. Defense Articles and Services, Total Values ofEurope Agreements Concluded

Europe Agreements 2001-2004	Europe Agreements 2005-2008	Europe Agreements 2008
I Poland \$4.0 billion	I U.K. \$1.8 billion	I U.K. \$740 million
<b>2</b> U.K. \$1.9 billion	<b>2</b> Norway \$1.0 billion	<b>2</b> Finland \$440 million
<b>3</b> Greece \$1.4 billion	<b>3</b> Netherlands \$1.0 billion	<b>3</b> Turkey \$420 million
<b>4</b> Italy \$1.2 billion	4 Germany \$920 million	<b>4</b> Switzerland \$320 million
5 Turkey \$970 million	5 Spain \$870 million	5 Netherlands \$250 million

(in current U.S. dollars, rounded to nearest 10 million or 10<sup>th</sup> of a billion)

# Table 6. Leading Purchasers of U.S. Defense Articles and Services, Total Values ofWorldwide Agreements Concluded

Worldwide Agreements 2001-2004	Worldwide Agreements 2005-2008	Worldwide Agreements 2008
I Egypt \$5.2 billion	I Saudi Arabia \$11.2 billion	I U.A.E. \$8.9 billion
<b>2</b> Saudi Arabia \$4.1 billion	<b>2</b> U.A.E. \$10.0 billion	<b>2</b> Saudi Arabia \$7.8 billion
<b>3</b> Poland \$4.0 billion	<b>3</b> Australia <b>\$6.4</b> billion	<b>3</b> Morocco \$2.4 billion
<b>4</b> Israel \$3.2 billion	<b>4</b> Egypt \$5.2 billion	4 Iraq \$2.0 billion
<b>5</b> South Korea \$2.9 billion	<b>5</b> Pakistan \$4.5 billion	<b>5</b> Egypt \$1.3 billion
<b>6</b> Japan \$2.1 billion	6 Iraq \$3.5 billion	<b>6</b> Taiwan \$1.3 billion
<b>7</b> U.K. \$1.9 billion	7 South Korea \$3.1 billion	<b>7</b> South Korea \$1.2 million
<b>8</b> Kuwait \$1.7 billion	<b>8</b> Japan \$3.0 billion	8 India \$1.0 billion
9 Greece \$1.4 billion	9 Israel \$2.7 billion	9 Israel \$1.0 billion
<b>10</b> Italy \$1.2 billion	<b>10</b> Morocco \$2.5 billion	10 Canada \$820 million

(in current U.S. dollars, rounded to nearest 10 million or 10<sup>th</sup> of a billion)

#### U.S. Deliveries to Leading Purchasers, 2001-2008

The following regional tables (**Tables 7-11**) provide the total dollar values of all U.S. defense articles and defense services *delivered* to the top five purchasers in each region indicated for the *calendar year(s)* noted for all deliveries under the U.S. Foreign Military Sales (FMS) program. These values represent the total value of all government-to-government *deliveries actually concluded* between the United States and the foreign purchaser under the FMS program during the *calendar year(s)* indicated. Commercial licensed deliveries totals are excluded, due to concerns regarding the accuracy of existing data.

In **Table 12**, the total dollar values of all U.S. defense articles and defense services *actually delivered* to the top 10 purchasers *worldwide* is provided. The *delivery* totals are for FMS deliveries concluded for the *calendar* year(s) noted.

# Table 7. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Africa Deliveries Concluded

Africa Deliveries 2001-2004	Africa Deliveries 2005-2008	Africa Deliveries 2008
I Nigeria \$15 million	I Kenya \$18 million	I Djibouti \$5 million
<b>2</b> Kenya \$7 million	2 Djibouti \$16 million	<b>2</b> Kenya \$4 million
<b>3</b> South Africa \$5 million	<b>3</b> Nigeria \$12 million	3 Nigeria \$4 million
<b>4</b> Ethiopia \$4 million	4 Ethiopia \$11 million	4 Ethiopia \$3 million
<b>5</b> Benin \$3 million	<b>5</b> Uganda \$7 million	5 Madagascar \$2 million

(in current U.S. dollars, rounded to nearest million)

# Table 8. Leading Purchasers of U.S. Defense Articles and Services, Total Values of American Republics Deliveries Concluded

American Republics Deliveries 2001-2004	American Republics Deliveries 2005-2008	American Republics Deliveries 2008
I Canada \$453 million	I Canada \$1.1 billion	I Canada \$452 million
<b>2</b> Colombia \$232 million <sup>a</sup>	2 Chile \$495 million	2 Colombia \$122 million <sup>a</sup>
<b>3</b> Brazil \$100 million	<b>3</b> Colombia \$483 million <sup>a</sup>	3 Brazil \$40 million
<b>4</b> Venezuela \$50 million	<b>4</b> Brazil \$154 million	4 Chile \$28 million
<b>5</b> Argentina \$26 million	<b>5</b> Argentina \$33 million	5 Argentina \$13 million

(in current U.S. dollars, rounded to nearest million)

a. Includes deliveries of defense articles and services previously sold that are related to international narcotics programs.

# Table 9. Leading Purchasers of U.S. Defense Articles and Services, Total Values ofAsia Deliveries Concluded

(in current U.S. dollars, rounded to nearest 10 million or 10<sup>th</sup> of a billion)

Asia Deliveries 2001-2004	Asia Deliveries 2005-2008	Asia Deliveries 2008
I Taiwan \$3.7 billion	I Taiwan \$3.9 billion	I Australia \$900 million
<b>2</b> South Korea \$2.1 billion	<b>2</b> South Korea \$2.7 billion	2 South Korea \$800 million
<b>3</b> Japan \$1.5 billion	<b>3</b> Japan \$2.4 billion	<b>3</b> Taiwan \$600 million
<b>4</b> Singapore \$800 million	<b>4</b> Australia \$2.4 billion	<b>4</b> Japan \$400 million
5 Thailand \$600 million	<b>5</b> Singapore \$900 million	<b>5</b> Singapore \$200 million

#### Table 10. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Near East Deliveries Concluded

		-
Near East Deliveries 2001-2004	Near East Deliveries 2005-2008	Near East Deliveries 2008
I Egypt \$5.0 billion	I Israel \$5.6 billion	I Saudi Arabia \$1.2 billion
<b>2</b> Saudi Arabia \$4.3 billion	<b>2</b> Egypt \$4.8 billion	<b>2</b> Israel \$1.2 billion
<b>3</b> Israel \$3.4 billion	<b>3</b> Saudi Arabia \$4.4 billion	<b>3</b> Egypt \$1.0 billion
<b>4</b> Kuwait \$800 million	<b>4</b> Kuwait \$1.6 billion	<b>4</b> Iraq \$800 million
<b>5</b> Bahrain \$300 million	5 Iraq \$900 million	5 Kuwait \$300 million

(in current U.S. dollars, rounded to nearest 10 million or 10<sup>th</sup> of a billion)

# Table 11. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Europe Deliveries Concluded

Europe Deliveries 2001-2004	Europe Deliveries 2005-2008	Europe Deliveries 2008
I Greece \$3.3 billion	I Poland \$2.6 billion	I Poland \$760 million
<b>2</b> U.K. \$1.6 billion	<b>2</b> U.K. \$1.6 billion	<b>2</b> U.K. \$430 million
<b>3</b> Netherlands \$1.2 billion	3. Turkey \$1.1 billion	<b>3</b> Turkey \$360 million
<b>4</b> Spain \$1.1 billion	4 Greece \$990 million	4 Netherlands \$180 million
5 Turkey \$1.1 billion	5 Netherlands \$970 million	5 Germany \$160 million

(in current U.S. dollars, rounded to nearest 10 million or 10<sup>th</sup> of a billion)

#### Table 12. Leading Purchasers of U.S. Defense Articles and Services, Total Values of Worldwide Deliveries Concluded

(in current U.S. dollars, rounded to nearest 10 million or 10<sup>th</sup> of a billion)

X X		,
Worldwide Deliveries 2001-2004	Worldwide Deliveries 2005-2008	Worldwide Deliveries 2008
I Egypt \$5.0 billion	I Israel \$5.6 billion	I Saudi Arabia \$1.2 billion
<b>2</b> Saudi Arabia \$4.3 billion	<b>2</b> Egypt \$4.8 billion	<b>2</b> Israel \$1.2 billion
<b>3</b> Taiwan \$3.7 billion	<b>3</b> Saudi Arabia \$4.4 billion	<b>3</b> Egypt \$1.0 billion
<b>4</b> Israel \$3.4 billion	<b>4</b> Taiwan \$3.9 billion	<b>4</b> Australia \$900 million
<b>5</b> Greece \$3.3 billion	<b>5</b> South Korea \$2.7 billion	<b>5</b> South Korea \$800 million
<b>6</b> South Korea \$2.1 billion	6 Poland \$2.6 billion	6 Iraq \$800 million
7 U.K. \$1.6 billion	<b>7</b> Japan \$2.4 billion	7 Poland \$760 million
<b>8</b> Japan \$1.5 billion	8 Australia \$2.4 billion	8 Taiwan \$600 million
9 Netherlands \$1.2 billion	9 U.K. \$1.6 billion	<b>9</b> U.K. \$430 million
<b>10</b> Spain \$1.1 billion	10 Turkey \$1.1 billion	<b>IO</b> Japan \$400 million

#### **Author Contact Information**

Richard F. Grimmett Specialist in International Security rgrimmett@crs.loc.gov, 7-7675