

## *Small Arms Survey 2009: Shadows of War*

### **Annexes to Chapter 1**

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**Annexe 1.1 Annual authorized small arms and light weapons exports by major exporter (annual exports of at least USD 10 million), 2006**

<b>Exporter</b>	<b>USD value, unless stated otherwise (rounded to the nearest million)</b>	<b>Main importers (top five by value)*</b>	<b>Types of small arms and light weapons exported/transferred*</b>	<b>Remarks</b>
Argentina	11 million**	US, Nicaragua, Uruguay, Guatemala, Paraguay**	Revolvers and pistols, shotgun cartridges, small arms ammunition, parts and accessories of revolvers and pistols.	
Australia	10 million**	Japan, US, UK, Thailand, New Zealand**	Shotgun cartridges, small arms ammunition, revolvers and pistols, sporting and hunting shotguns, military firearms, sporting and hunting rifles, parts and accessories of shotguns or rifles, rocket and grenade launchers, etc., shotgun barrels.	
<b>Austria</b>	152 million**  EUR 100 million (USD 126 million)♦	US, Switzerland, Saudi Arabia, Russian Federation, Thailand**  US, Iraq, Saudi Arabia, Russian Federation, Thailand♦	Revolvers and pistols, small arms ammunition, sporting and hunting rifles, parts and accessories of revolvers and pistols, parts and accessories of shotguns or rifles, shotgun cartridges.	
<b>Belgium<sup>1</sup></b>	112 million**	US, Portugal, UK, France, Italy**	Sporting and hunting rifles, parts and accessories of shotguns or rifles, sporting and hunting shotguns, small arms ammunition, revolvers and pistols, shotgun barrels, military firearms, shotgun cartridges, parts and accessories of revolvers and pistols.	

Bosnia and Herzegovina	At least 12 million**  EUR 2 million (USD 3 million)♣	Austria, Lithuania, Switzerland, Turkey, Germany**	Small arms ammunition, shotgun cartridges.	Bosnia did not report exports of rocket or grenade launchers, sporting or hunting shotguns or rifles, shotguns barrels or cartridges, parts or accessories of revolvers or pistols, or shotguns or rifles to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
<b>Brazil</b>	At least 166 million**	US, Germany, Netherlands, Colombia, Qatar**	Shotgun cartridges, revolvers and pistols, small arms ammunition, sporting and hunting shotguns, sporting and hunting rifles.	Brazil did not report exports of military weapons, revolvers or pistols, small arms ammunition, or parts or accessories to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Canada	80 million**	US, France, UK, Netherlands, Pakistan**	Small arms ammunition, sporting and hunting rifles, revolvers and pistols, military firearms, parts and accessories of revolvers and pistols, parts and accessories of shotguns or rifles, sporting and hunting shotguns.	
China	At least 53 million**  Small Arms Survey estimate: 100 million (Small Arms Survey, 2004, Annexe 4.1)	US, Ethiopia, Sudan, Singapore, Canada**	Military firearms, parts and accessories of shotguns or rifles, military weapons, sporting and hunting shotguns, shotgun cartridges, revolvers and pistols, small arms ammunition, parts and accessories of revolvers and pistols, sporting and hunting rifles.	China did not report exports of military weapons, rocket or grenade launchers, pistols or revolvers, small arms ammunition or parts, or accessories of revolvers or pistols to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Croatia	At least 33 million**	US, Georgia, Dominican Republic, Afghanistan, Canada**	Revolvers and pistols, small arms ammunition, parts and accessories of revolvers and pistols.	Croatia did not report exports of sporting or hunting rifles or shotgun barrels to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Cyprus	At least 11 million**	Europe, Turkey, UK, Lebanon, Kuwait**	Shotgun cartridges, sporting and hunting shotguns.	Cyprus did not report exports of military weapons, rocket or grenade launchers, pistols or revolvers, shotgun barrels, small arms ammunition, or parts or accessories of revolvers or pistols to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.

Czech Republic	At least 64 million**  EUR 5 million (USD 6 million)♦♣	US, Germany, Thailand, France, UK**  US, Thailand, Egypt, Colombia, Mexico♦♣	Sporting and hunting rifles, small arms ammunition, revolvers and pistols, shotgun cartridges, parts and accessories of revolvers and pistols, parts and accessories of shotguns or rifles, sporting and hunting shotguns, shotgun barrels.	The Czech Republic did not report exports of military weapons or rocket or grenade launchers to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Finland	49 million**  EUR 3 million (USD 4 million)♦	US, Sweden, Canada, Norway, UK**  Estonia, US, Germany, Italy, Austria♦	Sporting and hunting rifles, small arms ammunition, parts and accessories of shotguns or rifles, military firearms, shotgun cartridges.	
France	45 million**  EUR 1 million (USD 1 million)♦  EUR 2 million (USD 3 million)♣	Netherlands, US, Germany, Portugal, Colombia**  Oman, South Africa, Lithuania, US, Austria♦	Small arms ammunition, shotgun cartridges, military firearms, parts and accessories of shotguns or rifles, sporting and hunting shotguns, sporting and hunting rifles, rocket and grenade launchers, etc.	
<b>Germany</b> <sup>2</sup>	307 million**	US, France, Russian Federation, Netherlands, Switzerland**	Revolvers and pistols, small arms ammunition, sporting and hunting rifles, parts and accessories of revolvers and pistols, sporting and hunting shotguns, parts and accessories of shotguns or rifles, military firearms, shotgun cartridges, rocket and grenade launchers, etc., shotgun barrels.	
Iran	Previously a major exporter, but little is reported about its exports. As of 16 January 2009 Iran had not reported its 2006 data nor had it produced a national arms export report on 2006 data.			

Israel	At least 38 million**	US, Colombia, Trinidad and Tobago, Guatemala, Poland**	Small arms ammunition, revolvers and pistols, rocket and grenade launchers, etc., military firearms, parts and accessories of revolvers and pistols, parts and accessories of shotguns or rifles.	Israel did not report exports of military weapons, rocket or grenade launchers, pistols or revolvers, sporting or hunting shotguns or rifles, parts or accessories of revolvers or pistols or shotguns or rifles, or shotgun cartridges or small arms ammunition to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Italy <sup>3</sup>	434 million**	US, France, Spain, UK, Germany**	Sporting and hunting shotguns, shotgun cartridges, revolvers and pistols, sporting and hunting rifles, parts and accessories of shotguns or rifles, parts and accessories of revolvers and pistols, small arms ammunition, military firearms, shotgun barrels.	
Japan	78 million**	US, Belgium, Canada, Australia, Portugal**	Parts and accessories of shotguns or rifles, sporting and hunting rifles, sporting and hunting shotguns, shotgun barrels.	
Mexico	22 million**	US, Honduras, Guatemala, Germany, Ecuador**	Parts and accessories of shotguns or rifles, shotgun barrels, small arms ammunition, shotgun cartridges.	
North Korea	Medium exporter, but little is reported about its exports.			
Norway	19 million**	Poland, Finland, Denmark, US, Belgium**	Small arms ammunition, military firearms, parts and accessories of shotguns or rifles, sporting and hunting rifles.	
Poland	12 million**	Iraq, Jamaica, Israel, India, Canada**	Military firearms, revolvers and pistols, small arms ammunition, parts and accessories of revolvers and pistols, parts and accessories of shotguns or rifles, shotgun cartridges.	
Portugal <sup>4</sup>	14 million**	Belgium, US, Spain, Guinea-Bissau, France**	Sporting and hunting rifles, sporting and hunting shotguns, parts and accessories of shotguns or rifles, shotgun cartridges, revolvers and pistols, shotgun barrels.	

Romania	At least 17 million**  EUR 1 million (USD 1 million)◆	US, Iraq, Afghanistan, Germany, Israel**  Austria, UK◆	Small arms ammunition, sporting and hunting rifles, military firearms, parts and accessories of shotguns or rifles, rocket and grenade launchers, etc., parts and accessories of revolvers and pistols, revolvers and pistols.	Romania did not report exports of sporting or hunting shotguns, shotgun barrels, shotgun cartridges, or parts or accessories of shotguns or rifles to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Russian Federation	At least 89 million**  Small Arms Survey estimate: 441.9 million (422.4 million small arms and light weapons and 19.5 million for their ammunition) (Pyadushkin, 2006)	US, Venezuela, South Korea, Cyprus, Germany**	Small arms ammunition, sporting and hunting shotguns, military firearms, shotgun cartridges, sporting and hunting rifles.	The Russian Federation did not report exports of military weapons, rocket or grenade launchers, revolvers or pistols, shotgun barrels or cartridges, small arms ammunition, or parts or accessories of revolvers, pistols, shotguns or rifles to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Serbia (formerly Serbia and Montenegro)	36 million**	US, Burma, Israel, Iraq, Cameroun**	Small arms ammunition, military firearms, sporting and hunting rifles, revolvers and pistols, parts and accessories of shotguns or rifles.	
Singapore	At least 11 million**	Botswana, Finland, Maldives Islands, Switzerland, Indonesia**	Sporting and hunting rifles, military firearms, parts and accessories of shotguns or rifles, small arms ammunition, military weapons.	Singapore did not report exports of military weapons, rocket or grenade launchers, revolvers or pistols, shotgun barrels or cartridges, or parts or accessories of revolvers, pistols, shotguns or rifles to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Slovak Republic	At least 22 million**	Cyprus, Iraq, Serbia, Israel, US**	Small arms ammunition, parts and accessories of revolvers and pistols, revolvers and pistols.	The Slovak Republic did not report exports of military weapons, rocket or grenade launchers, sporting or hunting shotguns, shotgun barrels or cartridges, or parts or accessories of shotguns or rifles to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.

South Africa	At least 18 million**	Colombia, Saudi Arabia, US, Namibia, Switzerland**	Military firearms, small arms ammunition, shotgun cartridges, rocket and grenade launchers, etc., sporting and hunting rifles, parts and accessories of shotguns or rifles.	South Africa does not report to UN Comtrade; hence South Africa's export value is based on importers' reports; hence the values of these categories (based on importers' reports) are probably underestimates.
South Korea	26 million**	US, Indonesia, Venezuela, Italy, Australia**	Small arms ammunition, parts and accessories of revolvers and pistols, military firearms, parts and accessories of shotguns or rifles, revolvers and pistols.	South Korea does not report to UN Comtrade; hence South Korea's export value is based on importers' reports and the values of these categories are probably underestimates.
Spain	67 million**  EUR 4 million (USD 5 million)♣♦	US, New Zealand, UK, France, Ghana**  US, Germany, Greece, Saudi Arabia, Portugal♣♦	Shotgun cartridges, sporting and hunting shotguns, small arms ammunition, rocket and grenade launchers, etc., parts and accessories of shotguns or rifles, parts and accessories of revolvers and pistols, sporting and hunting rifles, shotgun barrels.	
Sweden	27 million**  SEK 2 million (USD 0.3 million)♣	Norway, US, Australia, Germany, Denmark**  Norway, US, Australia, Canada, France**	Small arms ammunition, rocket and grenade launchers, etc., shotgun cartridges, parts and accessories of shotguns or rifles, sporting and hunting rifles, military firearms, sporting and hunting shotguns.	
Switzerland	67 million**  CHF 18 million (USD 14 million)♣	Germany, Netherlands, Denmark, France, Spain**  Egypt, US, Singapore, Canada, Japan	Small arms ammunition, parts and accessories of shotguns or rifles, military firearms, parts and accessories of revolvers and pistols, revolvers and pistols, sporting and hunting rifles, rocket and grenade launchers, etc.	

Thailand	At least 10 million**	Singapore**	Military firearms, parts and accessories of shotguns or rifles.	Thailand did not report exports of rocket or grenade launchers, pistols or revolvers, sporting or hunting rifles, parts or accessories of revolvers or pistols, or shotgun barrels to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Turkey	At least 62 million**	US, Italy, Austria, Germany, France**	Sporting and hunting shotguns, parts and accessories of shotguns or rifles, sporting and hunting rifles, shotgun barrels, revolvers and pistols, small arms ammunition.	Turkey did not report exports of military weapons, rocket or grenade launchers, or shotgun cartridges to UN Comtrade for 2006; hence the values of these categories (based on importers' reports) are probably underestimates.
Ukraine <sup>5</sup>	At least 11 million**	South Korea, US, Czech Republic, Germany, Norway**	Shotgun cartridges, military firearms, revolvers and pistols.	Ukraine does not report to UN Comtrade; hence Ukraine's export value is based on importers' reports.
United Kingdom <sup>6</sup>	89 million**	US, Netherlands, Saudi Arabia, Canada, France**	Small arms ammunition, sporting and hunting shotguns, shotgun cartridges, parts and accessories of shotguns or rifles, sporting and hunting rifles, military firearms, revolvers and pistols, parts and accessories of revolvers and pistols, military weapons.	
<b>United States<sup>7</sup></b>	643 million**	Japan, South Korea, Canada, Egypt, Australia**	Small arms ammunition, military firearms, rocket and grenade launchers, etc., sporting and hunting rifles, shotgun cartridges, revolvers and pistols, parts and accessories of shotguns or rifles, sporting and hunting shotguns, parts and accessories of revolvers and pistols.	



## Notes:

\* For UN Comtrade data: excluding transfers contributing less than 1 per cent of the total annual value.

\*\* NISAT (2009); UN Comtrade (2009). Customs codes: 930100 (military weapons), 930120 (rocket and grenade launchers, etc.), 930190 (military firearms), 930200 (revolvers and pistols), 930320 (sporting and hunting shotguns), 930330 (sporting and hunting rifles), 930510 (parts and accessories of revolvers and pistols), 930521 (shotgun barrels), 930529 (parts and accessories of shotguns or rifles), 930621 (shotgun cartridges), 930630 (small arms ammunition).

♣ National arms export reports: Austria (2007); Belgium (2007a–d); Bosnia and Herzegovina (2007); Czech Republic (2007); Finland (2007); France (2007); Germany (2007); Italy (2007); Norway (2007); Portugal (2007); Serbia (2007); Spain (2007); Sweden (2007); Switzerland (2007); UK (2007); Ukraine (2007); US (2007).

♦ Ninth Annual EU Report (CoEU, 2007).

## Explanatory notes:

Note A: UN Comtrade data in this table was calculated using the Norwegian Initiative on Small Arms Transfers' (NISAT) reliability index (see small Arms Survey, 2005, box 4.1, pp. 99–100; Marsh, 2005).

Note B: The cut-off date for inclusion of data from national arms export reports in this table is 16 January 2009.

Note C: Customs data and national arms export reports as well as the EU Report diverge for a number of reasons. Two important causes of discrepancies are: (a) unlike customs data, national arms export reports sometimes do not include exports of what is categorized as 'civilian' weapons; and (b) many countries use the Wassenaar Arrangement Munitions List (ML) in their arms export reports. The categories of the ML, with one exception (ML1), do not distinguish small arms and light weapons from other types of weapons. The Small arms Survey records the ML1 value in the table; hence many types of small arms and light weapons and all types of small arms ammunition are excluded (Small Arms Survey, 2005, pp. 101–02) i

Note D: Some top producers of small arms, e.g. China and the Russian Federation, publish only limited customs information on their small arms and light weapons exports. In order to properly reflect their presumed importance in the small arms trade, the Small Arms Survey goes beyond UN Comtrade data. China is still estimated to export USD 100 million worth of small arms and light weapons. For details, see Small Arms Survey (2004, Annexe 4.1). For the Russian Federation, figures were developed on the basis of field research (Pyadushkin, 2006).

Note E: In this table, 'transfer' means sales, international assistance and training, and other kinds of transfers. See Small Arms Survey (2009, p. 9, Box. 1.1).

Note F: Top exporters (those with an annual export value equal to or greater than USD 100 million, according to UN Comtrade and estimates) are set in bold.

Note G: UN Comtrade figures exclude a variety of weapon types and ammunition, such as man-portable missiles; as a result, the figures presented here for some countries are probably underestimates.

**Country-specific notes:**

- 1 Belgium no longer publishes a national arms export report (see Small Arms Survey, 2006, Table 3.1, pp. 68–69). Its arms exports are analysed by examining all three regional reports issued by Belgian regional authorities and the report by Belgian Parliament on activities of the Belgian military and police.
- 2 German arms export report as well as Germany’s reporting to the UN Register of Conventional Arms and its section in the consolidated EU Report covering 2006 exports only include information on authorizations, not on actual deliveries.
- 3 The Italian national export report covering 2006 exports only includes information on authorizations by military list, not on actual deliveries. The report also includes an annexe with information from the Customs Agency (Agenzia delle Dogane) on actual deliveries by company, product, and value (Italy, 2007). The report provides neither a total figure for small arms and light weapons exports nor a breakdown by recipient country.
- 4 Portugal’s arms export report covering 2006 does not distinguish small arms and light weapons from other military weapons.
- 5 Ukraine’s arms export report covering 2006 exports does not give the value of exports, but only the quantities.
- 6 The United Kingdom’s arms export report covering 2006 exports only includes information on licences granted, not on actual deliveries.
- 7 The US State Department report pursuant to section 655 on direct commercial sales covering 2006 exports only includes information on authorizations, not on actual deliveries. The report on foreign military sales, which is prepared by the US Department of Defense, does list actual deliveries.

**Annexe 1.2 Annual authorized small arms and light weapons imports by major importer (annual imports of at least USD 10 million), 2006**

<b>Importer</b>	<b>USD value, unless stated otherwise (rounded to the nearest million)</b>	<b>Main exporters (top five by value)*</b>	<b>Types of small arms and light weapons imported*</b>	<b>Remarks</b>
Argentina	At least 12 million**	Italy, Brazil, US, Austria, Czech Republic**	Revolvers and pistols, small arms ammunition, parts and accessories of revolvers and pistols, sporting and hunting shotguns, sporting and hunting rifles, shotgun cartridges.	Argentina did not report imports of military weapons to UN Comtrade for 2006. Hence the values of this category (based on exporters' reports) are probably underestimates.
<b>Australia</b>	104 million**	US, Unspecified, Italy, Sweden, Germany**	Small arms ammunition, rocket and grenade launchers, etc., sporting and hunting rifles, sporting and hunting shotguns, shotgun cartridges, revolvers and pistols, military firearms, parts and accessories of shotguns or rifles, parts and accessories of revolvers and pistols, shotgun barrels.	
Austria	At least 26 million**	Germany, Turkey, Bosnia and Herzegovina, Italy, US**	Small arms ammunition, parts and accessories of shotguns or rifles, shotgun cartridges, sporting and hunting shotguns, sporting and hunting rifles, parts and accessories of revolvers and pistols, revolvers and pistols.	Austria did not report imports of military weapons, rocket or grenade launchers, or pistols or revolvers to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Bahrain	At least 11 million**	US, Switzerland, UK, Germany, Finland**	Military firearms, small arms ammunition, sporting and hunting rifles, revolvers and pistols.	Except of shotgun cartridges, Bahrain did not report imports of any other type of small arm or light weapon to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Belgium	At least 40 million**	US, Japan, Italy, Portugal, Germany**	Sporting and hunting shotguns, small arms ammunition, sporting and hunting rifles, revolvers and pistols, shotgun cartridges, parts and accessories of revolvers and pistols, parts and accessories of shotguns or rifles, shotgun barrels.	Belgium did not report imports of military weapons, rocket or grenade launchers, pistols or revolvers, or parts or accessories of pistols or revolvers to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.

Botswana	10 million**	Singapore, Brazil, Germany, China, South Africa**	Sporting and hunting rifles, parts and accessories of shotguns or rifles, sporting and hunting shotguns, military firearms, small arms ammunition, revolvers and pistols.	
<b>Canada</b>	126 million**	US, Italy, Japan, UK, Germany**	Small arms ammunition, parts and accessories of shotguns or rifles, sporting and hunting rifles, sporting and hunting shotguns, shotgun cartridges, revolvers and pistols, parts and accessories of revolvers and pistols, military firearms.	
Chile	At least 16 million**	US, Switzerland, Brazil, Peru, Spain**	Small arms ammunition, shotgun cartridges, military firearms, sporting and hunting shotguns, revolvers and pistols, sporting and hunting rifles, rocket and grenade launchers, etc., parts and accessories of revolvers and pistols.	Chile did not report imports of military weapons or rocket or grenade launchers to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Colombia	44 million**	US, South Africa, Israel, Brazil, France**	Military firearms, shotgun cartridges, rocket and grenade launchers, etc., small arms ammunition, revolvers and pistols.	
Cyprus	At least 23 million**	Slovakia, Russian Federation, Italy, Japan, Greece**	Small arms ammunition, sporting and hunting shotguns, shotgun cartridges, sporting and hunting rifles.	Cyprus did not report imports of military weapons, rocket or grenade launchers, small arms ammunition, or parts or accessories of revolvers or pistols to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Czech Republic	At least 10 million**	US, Brazil, Germany, China, South Africa**	Small arms ammunition, parts and accessories of revolvers and pistols, revolvers and pistols, sporting and hunting shotguns, sporting and hunting rifles, military firearms, shotgun cartridges, shotgun barrels, parts and accessories of shotguns or rifles.	The Czech Republic did not report imports of military weapons or rocket or grenade launchers to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Denmark	34 million**	Switzerland, Germany, US, Italy, UK**	Small arms ammunition, sporting and hunting shotguns, sporting and hunting rifles, shotgun cartridges, parts and accessories of shotguns or rifles, revolvers and pistols, parts and accessories of revolvers and pistols, rocket and grenade launchers, etc.	

Egypt	At least 62 million**	US, Switzerland, Czech Republic, Italy, Germany**	Small arms ammunition, military firearms, parts and accessories of shotguns or rifles, revolvers and pistols, sporting and hunting shotguns.	Egypt does not report imports of small arms or light weapons to UN Comtrade; hence the values of these categories (based on exporters' reports) are probably underestimated.
Ethiopia	At least 14 million**	China, South Korea, Germany, Israel, Italy**	Military firearms, revolvers and pistols, parts and accessories of revolvers and pistols, small arms ammunition.	Ethiopia did not report imports of rocket or grenade launchers, parts or accessories of shotguns or rifles, or shotgun cartridges to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Finland	25 million**	Italy, Germany, US, Norway, Czech Republic**	Small arms ammunition, sporting and hunting shotguns, shotgun cartridges, parts and accessories of shotguns or rifles, sporting and hunting rifles, revolvers and pistols, parts and accessories of revolvers and pistols.	
<b>France</b>	At least 138 million**	Germany, Italy, Canada, Belgium, US**	Small arms ammunition, revolvers and pistols, sporting and hunting shotguns, sporting and hunting rifles, shotgun cartridges, parts and accessories of shotguns or rifles, shotgun barrels, parts and accessories of revolvers and pistols.	France did not report imports of military weapons, rocket or grenade launchers, pistols or revolvers, or their parts or accessories to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
<b>Germany</b>	At least 108 million**	Italy, Switzerland, US Brazil, Czech Republic**	Small arms ammunition, sporting and hunting shotguns, parts and accessories of revolvers and pistols, parts and accessories of shotguns or rifles, shotgun cartridges, sporting and hunting rifles, revolvers and pistols, military firearms.	Germany did not report imports of military weapons or rocket or grenade launchers to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Greece	At least 18 million**	Italy, Germany, Spain, US, Belgium**	Sporting and hunting shotguns, parts and accessories of revolvers and pistols, shotgun cartridges, parts and accessories of shotguns or rifles, revolvers and pistols, small arms ammunition, shotgun barrels, sporting and hunting rifles, rocket and grenade launchers, etc.	Greece did not report imports of military weapons, rocket or grenade launchers, revolvers or pistols or their parts or accessories, or shotgun barrels to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Iraq	At least 14 million**	Poland, Romania, Slovakia, Serbia, US**	Small arms ammunition, military firearms, revolvers and pistols, shotgun cartridges, parts and accessories of shotguns or rifles.	Iraq does not report imports of small arms and light weapons to UN Comtrade; hence the values of these categories (based on exporters' reports) are probably underestimated.

Ireland	At least 11 million**	Italy, UK, Germany Spain, US**	Sporting and hunting shotguns, sporting and hunting rifles, shotgun cartridges, small arms ammunition, parts and accessories of shotguns or rifles, revolvers and pistols.	Ireland did not report imports of military weapons, rocket or grenade launchers, revolvers or pistols, or their parts or accessories to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Israel	At least 40 million**	US, Serbia, Italy, Poland, Colombia**	Small arms ammunition, parts and accessories of revolvers and pistols, military firearms, parts and accessories of shotguns or rifles, rocket and grenade launchers, etc., shotgun cartridges.	Israel does not report imports of small arms and light weapons to UN Comtrade; hence the values of these categories (based on exporters' reports) are probably underestimated.
Italy	At least 50 million**	Turkey, Germany, US, Belgium, Spain**	Parts and accessories of shotguns or rifles, sporting and hunting rifles, small arms ammunition, revolvers and pistols, sporting and hunting shotguns, shotgun cartridges, shotgun barrels, parts and accessories of revolvers and pistols, military firearms.	Italy did not report imports of military weapons or rocket or grenade launchers to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
<b>Japan</b>	126 million**	US, Italy, UK, Australia, Germany**	Military firearms, small arms ammunition shotgun cartridges, rocket and grenade launchers, etc., revolvers and pistols, parts and accessories of shotguns or rifles, sporting and hunting shotguns.	
Latvia	11 million**	Germany, Brazil, Lithuania, Austria, Finland**	Rocket and grenade launchers, etc., military firearms, shotgun cartridges, small arms ammunition, sporting and hunting rifles, revolvers and pistols, sporting and hunting shotguns, parts and accessories of revolvers and pistols.	
Mexico	21 million**	US, Italy, Belgium, Austria, UK**	Military firearms, revolvers and pistols, small arms ammunition, sporting and hunting shotguns, parts and accessories of shotguns or rifles, shotgun barrels, sporting and hunting rifles, shotgun cartridges, rocket and grenade launchers, etc.	
Netherlands	84 million**	France, Germany, US, UK, Switzerland**	Small arms ammunition, military firearms, parts and accessories of revolvers and pistols, shotgun cartridges, revolvers and pistols, sporting and hunting shotguns.	

New Zealand	26 million**	US, Spain, Italy, UK, Germany**	Rocket and grenade launchers, etc., sporting and hunting rifles, small arms ammunition, sporting and hunting shotguns, shotgun cartridges, parts and accessories of shotguns or rifles, revolvers and pistols, military firearms.	
Norway	34 million**	Italy, Germany, US, Sweden, Finland**	Small arms ammunition, sporting and hunting shotguns, shotgun cartridges, sporting and hunting rifles, parts and accessories of shotguns or rifles, rocket and grenade launchers, etc., revolvers and pistols, parts and accessories of revolvers and pistols.	
Philippines	12 million**	US, Brazil, Italy, Austria, Taiwan**	Revolvers and pistols, sporting and hunting rifles, parts and accessories of revolvers and pistols, small arms ammunition, parts and accessories of shotguns or rifles, shotgun cartridges, sporting and hunting shotguns, military firearms.	
Poland	25 million**	Norway, Germany, Italy, Czech Republic, Pakistan**	Small arms ammunition, revolvers and pistols, sporting and hunting rifles, military firearms, rocket and grenade launchers, etc., sporting and hunting shotguns, parts and accessories of revolvers and pistols, shotgun cartridges, parts and accessories of shotguns or rifles.	
Portugal	34 million**	Belgium Italy, Spain, France, Germany**	Parts and accessories of shotguns or rifles, sporting and hunting shotguns, small arms ammunition, sporting and hunting rifles, shotgun barrels, shotgun cartridges, parts and accessories of revolvers and pistols, revolvers and pistols.	
Russian Federation	At least 34 million**	Germany, Italy, Austria, Czech Republic, US**	Sporting and hunting shotguns, sporting and hunting rifles, small arms ammunition, parts and accessories of shotguns or rifles, shotgun cartridges, shotgun barrels.	Except for sporting and hunting shotguns and rifles, the Russian Federation did not report on its imports of small arms and light weapons to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Saudi Arabia	60 million**	US, Austria, Germany, UK, Brazil**	Shotgun cartridges, revolvers and pistols, military firearms, parts and accessories of shotguns or rifles, small arms ammunition, rocket and grenade launchers, etc., parts and accessories of revolvers and pistols, sporting and hunting shotguns.	

Singapore	At least 23 million**	Thailand, China, US, Brazil, Switzerland**	Military firearms, shotgun cartridges, small arms ammunition, parts and accessories of shotguns or rifles, rocket and grenade launchers, etc., parts and accessories of revolvers and pistols.	Except for sporting and hunting shotguns and rifles, Singapore did not report on its imports of small arms and light weapons to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
South Korea	116 million**	US, Ukraine, Russian Federation, Italy, UK**	Rocket and grenade launchers, etc., shotgun cartridges, small arms ammunition, parts and accessories of revolvers and pistols, military firearms, sporting and hunting shotguns.	
Spain	At least 65 million**	Italy, Germany, US, Switzerland, Belgium**	Sporting and hunting shotguns, small arms ammunition, sporting and hunting rifles, shotgun cartridges, revolvers and pistols, parts and accessories of shotguns or rifles, parts and accessories of revolvers and pistols.	Spain did not report imports of military weapons or rocket or grenade launchers to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Sudan	At least 11 million**	China, Egypt, United Arab Emirates, Iran, Saudi Arabia**	Military weapons, revolvers and pistols, sporting and hunting shotguns, parts and accessories of revolvers and pistols.	Sudan did not report imports of military weapons, rocket or grenade launchers, sporting or hunting rifles, shotgun barrels, or small arms ammunition to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Sweden	At least 26 million**	Finland, Germany, Denmark, US, Italy**	Small arms ammunition, sporting and hunting rifles sporting and hunting shotguns, revolvers and pistols, shotgun cartridges, parts and accessories of shotguns or rifles, military firearms, parts and accessories of revolvers and pistols.	Sweden did not report imports of military weapons or rocket or grenade launchers to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Switzerland	55 million**	Italy, Austria, Germany, Belgium, UK**	Small arms ammunition, military firearms, sporting and hunting rifles, revolvers and pistols, sporting and hunting shotguns, parts and accessories of shotguns or rifles, shotgun cartridges, parts and accessories of revolvers and pistols.	
Taiwan	At least 11 million**	US, South Korea, Italy, Spain**	Small arms ammunition, military firearms, sporting and hunting shotguns, shotgun cartridges, sporting and hunting rifles.	Taiwan does not report its imports of small arms and light weapons to UN Comtrade; therefore, Taiwan's imports values (based on exporters' reports) are probably underestimates.



Thailand	At least 23 million**	US, Czech Republic, Austria, Italy, Australia**	Revolvers and pistols, small arms ammunition, sporting and hunting shotguns, sporting and hunting rifles, shotgun cartridges.	Thailand did not report imports of military weapons or shotgun barrels to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Turkey	At least 21 million**	Italy, Germany, Cyprus, US, Bosnia and Herzegovina**	Shotgun cartridges, small arms ammunition, sporting and hunting shotguns, revolvers and pistols, parts and accessories of revolvers and pistols, military firearms, parts and accessories of shotguns or rifles.	Turkey did not report imports of military weapons or rocket or grenade launchers to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
Ukraine	At least 15 million**	Germany, Russian Federation, Italy, Austria, France**	Sporting and hunting shotguns, sporting and hunting rifles, small arms ammunition, revolvers and pistols, shotgun cartridges, parts and accessories of revolvers and pistols, parts and accessories of shotguns or rifles.	Ukraine does not report imports of small arms and light weapons to UN Comtrade; hence the values of these categories (based on exporters' reports) are probably underestimated.
United Kingdom	At least 89 million**	Italy, Belgium, US, Germany, Spain**	Sporting and hunting shotguns, small arms ammunition, shotgun cartridges, sporting and hunting rifles, parts and accessories of shotguns or rifles, military firearms, parts and accessories of revolvers and pistols, shotgun barrels, revolvers and pistols, rocket and grenade launchers, etc.	The UK did not report imports of military weapons, rocket or grenade launchers, or parts or accessories of revolvers or pistols to UN Comtrade for 2006; hence the values of these categories (based on exporters' reports) are probably underestimates.
<b>United States</b>	886 million**	Italy, Brazil, Austria, Germany, Japan**	Revolvers and pistols, sporting and hunting shotguns, small arms ammunition, sporting and hunting rifles, parts and accessories of shotguns or rifles, parts and accessories of revolvers and pistols, shotgun barrels, shotgun cartridges, military firearms.	
Venezuela	25 million**	Russian Federation, South Korea, US, Brazil, Italy**	Military firearms, shotgun cartridges, small arms ammunition, revolvers and pistols, parts and accessories of shotguns or rifles, parts and accessories of revolvers and pistols, sporting and hunting rifles.	

**Notes:**

\* For UN Comtrade data: excluding transfers contributing less than 1 per cent of the total annual value.

\*\* NISAT (2009); UN Comtrade (2009). Customs codes: 930100 (military weapons), 930120 (rocket and grenade launchers, etc.), 930190 (military firearms), 930200 (revolvers and pistols), 930320 (sporting and hunting shotguns), 930330 (sporting and hunting rifles), 930510 (parts and accessories of revolvers and pistols), 930521 (shotgun barrels), 930529 (parts and accessories of shotguns or rifles), 930621 (shotgun cartridges), 930630 (small arms ammunition).

**Explanatory notes:**

Note A: UN Comtrade data in this table was calculated using the Norwegian Initiative on Small Arms Transfers' (NISAT) reliability index (see small Arms Survey, 2005, box 4.1, pp. 99–100; Marsh, 2005).

Note B: The cut-off date for inclusion of data from national arms import reports in this table is 16 January 2009.

Note C: In this table, 'transfer' means sales, international assistance and training, and other kinds of transfers. See Small Arms Survey (2009, p. 9, Box. 1.1).

Note D: Top importers (those with an annual export value equal to or greater than USD 100 million, according to UN Comtrade and estimates) are set in bold.

Note E: UN Comtrade figures exclude a variety of weapon types and ammunition, such as man-portable missiles; as a result, the figures presented here for some countries are probably underestimates.

## List of abbreviations

CHF	Swiss franc
EU Report	<i>Annual Report According to Operative Provision 8 of the European Union Code of Conduct on Arms Exports</i> (CoEU, 2007)
EUR	Euro
ML	Munitions List (Wassenaar Arrangement)
NISAT	Norwegian Initiative on Small Arms Transfers
SEK	Swedish kroner
USD	United States dollar

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