

Annexes to Ch. 4 of the *Small Arms Survey 2008: Risk and Resilience*

Annexe 4.1 Annual authorized small arms and light weapons exports by major exporter (annual exports of at least USD 10 million), 2005

Exporter	USD value, unless stated otherwise (rounded up or down to the nearest million)	Main importers (top five by value)*	Main types of small arms and light weapons exported (top five by value)*	Remarks
Austria	At least 130 million** EUR 105 million (USD 129 million) ♣	US, Slovak Republic, Germany, Botswana, Switzerland** US, Iraq, Russia, Iran, Switzerland	Pistols/revolvers, small arms ammunition, parts/accessories of revolvers/pistols, sporting/hunting rifles, parts/accessories of shotguns/rifles**	Does not report exports of military weapons and pistols/revolvers to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated.
Belgium	At least 192 million**	Saudi Arabia, US, Portugal, UK, France**	Shotgun cartridges, parts/accessories of shotguns or rifles, sporting/hunting shotguns, sporting/hunting rifles, small arms ammunition**	Does not report exports of military weapons and pistols/revolvers to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated. Belgium no longer publishes a national arms export report (see Small Arms Survey, 2006, Table 3.1, pp. 68–69).
<i>Bosnia & Herzegovina</i>	<i>Medium exporter, but little is reported about its exports.</i>			
Brazil	At least 122 million**	US, Saudi Arabia, Colombia, Belgium, Malaysia**	Shotgun cartridges, pistols/revolvers, small arms ammunition, sporting/hunting rifles, sporting/hunting shotguns**	Does not report exports of pistols/revolvers to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated.
Bulgaria ¹	At least 12 million	United Arab Emirates (UAE), Germany, US, Georgia, Colombia**	Parts/accessories of shotguns or rifles, sporting/hunting rifles, rocket/grenade launchers, military weapons, small arms ammunition**	Customs data is likely to underestimate actual exports, as Bulgaria does not report on the relevant categories, and hence values are based on importers' data.

Canada	67 million** CAD 2 million (USD 2 million) ² ♣	US, France, Netherlands, Denmark, UK** Norway, Italy, UK, Greece, Australia	Small arms ammunition, sporting/hunting rifles, pistols/revolvers, parts/accessories of shotguns/rifles, military firearms**	
China	At least 32 million** Small Arms Survey estimate: USD 100 million (Small Arms Survey, 2004, Annexe 4.1)	Sudan, US, Saudi Arabia, Bangladesh, Cameroon**	Military weapons, parts/accessories of shotguns or rifles, shotgun cartridges, sporting/hunting rifles, sporting/hunting shotguns**	Does not report exports of military weapons and pistols/revolvers to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated.
Croatia	19 million**	US, Uganda, Dominican Republic, Switzerland**	Pistols/revolvers, small arms ammunition, rocket/grenade launchers, military firearms**	
Czech Republic ³	At least 60 million**	US, Germany, Thailand, Slovak Republic, Mexico**	Small arms ammunition, pistols/revolvers, sporting/hunting rifles, shotgun cartridges, parts/accessories of shotguns or rifles**	Does not report exports of military weapons to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated.
Finland	48 million EUR 1 million (USD 1 million) ♣	US, UK, Norway, Canada, UAE Belgium, Italy, US, France, UK	Sporting/hunting rifles, small arms ammunition, parts/accessories of shotguns or rifles, military firearms, sporting/hunting shotguns**	
France	At least 30 million** EUR 18 million (USD 23 million) ⁴ ♣	Gabon, US, Germany, Portugal, Canada** Cyprus, Italy, Cameroon, US, Portugal	Shotgun cartridges, small arms ammunition, parts/accessories of shotguns/rifles, sporting/hunting rifles, military firearms**	Does not report exports of military weapons and pistols/revolvers to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated.
Germany	At least 304 million**	US, France, Switzerland, Netherlands,	Pistols/revolvers, small arms ammunition,	Does not report exports of military weapons to UN Comtrade. Hence the

		Russian Federation**	sporting/hunting rifles, parts/accessories of revolvers or pistols, sporting/hunting shotguns**	values of these categories (based on importers' reports) are likely to be underestimated. Arms export report covering 2005 exports only includes information on authorizations, not on actual deliveries.
<i>Iran</i> ⁵	<i>Previously a major exporter, but little is reported about its exports. As of 15 January 2008, the UN Comtrade cut-off date, Iran had not reported its 2005 data.</i>			
Israel	At least 25 million**	US, Colombia, Poland, Trinidad & Tobago, Netherlands**	Small arms ammunition, military firearms, pistols/revolvers, parts/accessories of revolvers/pistols, rocket/grenade launchers**	Does not report many of its military exports to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated.
Italy	At least 390 million**	US, France, UK, Spain, Germany**	Sporting/hunting shotguns, shotgun cartridges, parts/accessories of shotguns/rifles, pistols/revolvers, sporting and hunting rifles**	Does not report exports of military weapons to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated. The Italian export report includes an annexe with information from the Customs Agency (Agenzia delle Dogane) on actual deliveries by company, product, and value (Italy, 2005, pp. 168–92). No total figure for SALW exports and no breakdown by recipient country are given.
Japan	At least 85 million**	US, Belgium, Canada, Germany, Australia**	Parts/accessories of shotguns/rifles, sporting/hunting rifles, sporting/hunting shotguns, shotgun barrels**	Does not report many of its exports to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated.
Mexico	18 million**	US, Honduras, Guatemala, Dominican Republic, Paraguay**	Parts/accessories of shotguns/rifles, shotgun barrels, shotgun cartridges, small arms ammunition**	
Netherlands	14 million	Germany, Switzerland, Israel, Belgium, US**	Parts/accessories of revolvers/pistols, small arms ammunition, rocket/grenade launchers,	Arms export report covering 2005 exports only includes information on authorizations, not on actual deliveries.

			parts/accessories of shotguns/rifles, sporting/hunting rifles**	
<i>North Korea</i>	<i>Medium exporter, but little is reported about its exports.</i>			
Norway	34 million**	Sweden, US, Italy, Poland, Netherlands**	Small arms ammunition, rocket/grenade launchers**	Publishes national arms export report, but in the edition covering 2005, it is difficult to distinguish the SALW share of arms exports.
Poland	22 million**	Iraq, US, Israel, India, Jordan**	Pistols/revolvers, military firearms, small arms ammunition, parts/accessories of shotguns/rifles, sporting/hunting shotguns**	
Portugal	17 million**	US, Belgium, Spain, Guinea-Bissau, Sweden**	Sporting/hunting rifles, parts/accessories of shotguns/rifles, sporting/hunting shotguns, shotgun cartridges, small arms ammunition**	Does not report exports of military weapons to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated. Publishes an export report, but it does not detail the share of SALW in total arms exports.
<i>Romania</i>	<i>Medium exporter, but little is reported about its exports.</i>			
Russian Federation	At least 61 million** 441.9 million (422.4 million SALW and 19.5 million SALW ammunition)▲	US, South Korea, Kazakhstan, Cyprus, Germany**	Sporting/hunting shotguns, small arms ammunition, shotgun cartridges, sporting/hunting rifles, military firearms**	Customs data is likely to underestimate actual exports, as the Russian Federation does not report on many of its small arms exports, and hence values are based on importers' reporting.
Serbia & Montenegro ⁶	29 million**	Iraq, US, Bosnia & Herzegovina, Israel, Burma**	Small arms ammunition, military firearms, pistols/revolvers, parts/accessories of shotguns/rifles, sporting/hunting rifles**	Publishes an export report, but it does not detail the share of SALW in total arms exports.
<i>Singapore</i>	<i>Medium exporter, but little is reported about its exports.</i>			
Slovak Republic	At least 18 million**	Cyprus, Israel, Serbia, Colombia, Uganda**	Small arms ammunition, parts/accessories of pistols/revolvers,	Does not report exports of military weapons to UN Comtrade. Hence the values of these categories

	SKK 10 million (USD 324 thousand)♣	Georgia, Czech Republic, Armenia, India	pistols/revolvers, sporting/hunting rifles**	(based on importers' reports) are likely to be underestimated.
<i>South Africa</i> ⁷	<i>Medium exporter, but little is reported about its exports.</i>			
South Korea	21 million**	Pakistan, US, Indonesia, Canada, Israel**	Small arms ammunition, parts/accessories of pistols/revolvers, parts/accessories of shotguns/rifles, shotgun cartridges, pistols/revolvers**	
Spain	At least 56 million** EUR 4 million (USD 5 million)♣	US, UK, Portugal, Ghana, France** US, Saudi Arabia, Israel, Portugal, Greece	Shotgun cartridges, sporting/hunting shotguns, small arms ammunition, parts/accessories of shotguns/rifles, parts/accessories of pistols/revolvers**	Does not report exports of military to weapons UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated.
Sweden	At least 28 million** SEK 33 million (USD 4 million) ♣	US, Norway, Germany, Denmark, France**	Small arms ammunition, shotgun cartridges, parts/accessories of shotguns/rifles, rocket/grenade launchers, sporting/hunting rifles**	Does not report exports of military weapons to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated. Export report does not provide disaggregated values of small arms exports by recipient country.
Switzerland	57 million** 17 million CHF (14 million USD)	Germany, Netherlands, Saudi Arabia, Italy, Austria** Germany, Netherlands, USA, Saudi Arabia, Egypt	Small arms ammunition, military firearms, pistols/revolvers, parts/accessories of shotguns/rifles, shotgun cartridges**	
Thailand	Medium exporter, but little is reported about its exports.			

Turkey	48 million **	US, Italy, Germany, France, Austria**	Sporting/hunting shotguns, parts/accessories of shotguns/rifles, shotgun barrels, sporting/hunting rifles, pistols/revolvers**	
Ukraine	At least 11 million**	Georgia, Serbia, US**	Small arms ammunition, military weapons, military firearms**	Customs data is likely to underestimate actual exports, as Ukraine does not report on many of its exports, and hence values are based on importers' reporting. The 2005 arms export report does not detail the value of small arms transfers.
UK	At least 79 million**	US, Saudi Arabia, Netherlands, UAE, Botswana**	Small arms ammunition, shotgun cartridges, sporting/hunting shotguns, parts/accessories of shotguns/rifles, sporting/hunting rifles**	Does not report exports of military weapons to UN Comtrade. Hence the values of these categories (based on importers' reports) are likely to be underestimated. Arms export report covering 2005 exports only includes information on authorizations, not on actual deliveries.
US	426 million**	Canada, Japan, Australia, South Korea, Israel**	Small arms ammunition, military firearms, rocket/grenade launchers, parts/accessories of shotguns/rifles, sporting/hunting rifles**	Arms export report covering 2005 exports only includes information on authorizations, not on actual deliveries.

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

** NISAT (2008a; 2008b); UN Comtrade (2008). Customs codes: 9301 (military weapons), 930120 (rocket and grenade launchers, etc.), 930190 (military firearms), 9302 (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 report: information covering transfers in 2005.

♠ Pyadushkin (2006): information covering transfers in 2004.

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). All values given here are rounded.

Note B: The cut-off date for inclusion of data from national arms export reports in this table is 15 January 2008.

Note C: 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, ch. 4, Annexe 4.1). For the Russian Federation, figures were developed on the basis of field research (Pyadushkin, 2006).

Note D: Customs data and national arms export reports diverge for a number of reasons. Two important causes of discrepancies are: (a) unlike customs data, national arms export reports mostly do not include exports of whatever 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 list, 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. For further details, see Small Arms Survey (2005, pp. 101–2).

Note E: In this table, 'transfer' means sales, international assistance and training, and other kinds of transfers.

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 boldface.

Note G: Category 9301 (military weapons) is a mixed category, containing both small arms/light weapons and larger conventional weapons. It was replaced by four new categories in the newest revision of the UN Comtrade Harmonized System (HS 2002), facilitating differentiation between small arms and light weapons and other weapons, among them the small arms and light weapons categories 930120 and 930190. Some countries still use HS 1996, however, and their reported value for 9301 may therefore include military weapons other than small arms and light weapons. The calculations on which this table is based include data from HS 2002, HS 1996, and HS 1992 to account for all transfers of military small arms and light weapons reported to UN Comtrade. For the older HS codes, the UN Register of Conventional Arms (UN Register) and the Stockholm International Peace Research Institute's *National Reports on Arms Exports* (SIPRI, 2007) were consulted to see whether any of the transfers were likely to concern large-calibre artillery. This was not the case for major exporters and importers during 2005 (otherwise the respective 9301 value(s) would have been taken out of the calculation). For more information on revisions of the UN Comtrade Harmonized System, see Small Arms Survey (2005, pp. 99–100, Box 4.1) and Marsh (2005).

Note H: In the table remarks, 'military weapons' signifies country reports to UN Comtrade specifically on two military categories, 930120 (rocket and grenade launchers, etc.) and 930190 (military firearms). This does not include any data published in national reports that often contains further details on a country's exports.

Note I: 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.

Note J: The UN Comtrade data for 2005 showed that Côte d'Ivoire exported more than USD 10 million worth of military firearms. We did not include the country as a major exporter, because we believe Côte d'Ivoire recorded the 'exported' material owned and in use by French peacekeeping troops in the period in question, which may have been transferred from that mission back to France or to one of the French peacekeeping depots on the continent.

Country-specific notes

¹ As of 15 January 2008 Bulgaria had not reported to UN Comtrade.

² The Canadian national export report on 2005 data does not include details of military exports to the United States, which are estimated to account for over half of Canada's exports of military goods and technology (Canada, 2007, p. 6).

³ As of 31 December 2007 the Czech Republic had not published a national arms export report on 2005 data.

⁴ Calculated from France (2006, Annex 15); the figure contains both small arms and light weapons.

⁵ As of 15 January 2008 Iran had not reported to UN Comtrade; Iran has not produced a national arms export report on 2005 data.

⁶ Reports included Serbia and Montenegro until 2006.

⁷ As of 15 January 2008, South Africa had not reported to UN Comtrade; South Africa has not produced a national arms export report on 2005 data.

Sources: Austria (2007); Canada (2007); France (2006); Germany (2006); Italy (2006); Netherlands (2006); NISAT (2008a; 2008b); Norway (2006); Portugal (2007); Romania (2007); Serbia (2007); SIPRI (2007); Slovak Republic (2007); Spain (2006); Sweden (2006); Switzerland (2006); Ukraine (2007); UK (2006); UN Comtrade (2008); US (2006)

Annexe 4.2 Annual authorized small arms and light weapons imports by major importer (annual imports of at least USD 10 million), 2005

Importer	USD value (rounded up or down to the nearest million)	Main exporters (top five by value)*	Main types of small arms and light weapons exported (top five by value)*	Remarks
Australia	At least 70 million	US, unspecified countries, Belgium, Italy, Spain	Small arms ammunition, rocket/grenade launchers, sporting/hunting rifles, sporting/hunting shotguns, military firearms	
Austria	At least 28 million	Germany, Switzerland, Italy, US, Bosnia & Herzegovina	Small arms ammunition, parts/accessories of shotguns/rifles, sporting/hunting rifles, sporting/hunting shotguns, shotgun cartridges	Does not report imports of military weapons and pistols/revolvers to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Belgium	At least 40 million	Japan, US, Italy, Brazil, Germany	Sporting/hunting shotguns, shotgun cartridges, pistols/revolvers, small arms ammunition, sporting/hunting rifles	Does not report imports of military weapons and pistols/revolvers to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Canada	103 million	US, Japan, Italy, Finland, Belgium	Parts/accessories of shotguns/rifles, small arms ammunition, sporting/hunting rifles, shotgun cartridges, sporting/hunting shotguns	
Colombia ¹	At least 25 million	US, Brazil, Israel, Czech Republic, Bulgaria	Military firearms, shotgun cartridges, pistols/revolvers, small arms ammunition, rocket/grenade launchers	Does not report imports of the relevant categories to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Cyprus	20 million	Slovak Republic, Russian Federation, Italy, Bosnia & Herzegovina, Greece	Small arms ammunition, sporting/hunting shotguns, shotgun cartridges, sporting/hunting rifles, pistols/revolvers	
Denmark	28 million	Germany, Italy, UK, Switzerland,	Small arms ammunition,	

		Sweden	sporting/hunting shotguns, shotgun cartridges, sporting/hunting rifles, parts/accessories of shotguns/rifles	
Egypt	At least 22 million	US, Czech Republic, Turkey, Switzerland, Italy	Parts/accessories of shotguns/rifles, small arms ammunition, sporting/hunting shotguns, military firearms, pistols/revolvers	Does not report imports of military weapons to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Finland	19 million	Italy, Germany, Russian Federation, US, unspecified countries	Small arms ammunition, shotgun cartridges, sporting/hunting shotguns, sporting/hunting rifles, parts/accessories of shotguns/rifles	
France	At least 136 million	Germany, Italy, Côte d'Ivoire, Belgium, US	Small arms ammunition, pistols/revolvers, sporting/hunting shotguns, sporting/hunting rifles, shotgun cartridges	Does not report imports of military weapons and pistols/revolvers to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Georgia	12 million	Ukraine, Bulgaria, Israel, Slovak Republic, Russian Federation	Small arms ammunition, military weapons, pistols/revolver, shotgun cartridges	
Germany	At least 102 million	Italy, Switzerland, US, Netherlands, Czech Republic	Small arms ammunition, parts/accessories of shotguns/rifles, sporting/hunting shotguns, parts/accessories of pistols/revolvers, parts/accessories of shotguns/rifles	Does not report imports of military weapons to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Greece	At least 22 million	Italy, Germany, US, Spain, Belgium	Sporting/hunting shotguns, sporting/hunting rifles, shotgun cartridges, parts/accessories of pistols/revolvers, parts/accessories of shotguns/rifles	Does not report imports of military weapons and pistols/revolvers to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
<i>Iran</i>	<i>Previously a major importer, but as of the 15 January 2008 UN Comtrade cut-off date Iran had not reported its 2005 data.</i>			

Iraq ²	At least 37 million	Poland, Serbia, Slovenia, Germany, US	Military firearms, pistols/revolvers, small arms ammunition	Does not report imports of the relevant categories to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Israel ³	At least 35 million	US, Slovak Republic, Serbia, Poland, South Korea	Small arms ammunition, parts/accessories of pistols/revolvers, rocket/grenade launchers, pistols/revolvers, military firearms	Does not report imports of the relevant categories to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated
Italy	At least 55 million	Turkey, Germany, US, Norway, Belgium	Small arms ammunition, parts/accessories of shotguns/rifles, sporting/hunting rifles, sporting/hunting shotguns, pistols/revolvers	Does not report imports of military weapons to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Japan	48 million	US, Italy, Australia, Germany, France	Military firearms, shotgun cartridges, small arms ammunition, pistols/revolvers, parts/accessories of shotguns/rifles	
Malaysia	11 million	Brazil, Norway, Czech Republic, South Africa, Japan	Shotgun cartridges, small arms ammunition, pistols/revolvers, parts/accessories of shotguns/rifles, sporting/hunting shotguns	
Mexico	13 million	US, Czech Republic, Italy Austria, Spain	Pistols/revolvers, small arms ammunition, military firearms, sporting/hunting shotguns, shotgun cartridges	
Netherlands	66 million	Germany, US, Switzerland, UK, Norway	Small arms ammunition, military firearms, parts/accessories of pistols/revolvers, shotgun	

			cartridges, pistols/revolvers	
New Zealand	14 million	US, Italy, Australia, Germany, UK	Small arms ammunition, sporting/hunting shotguns, parts/accessories of shotguns/rifles, shotgun cartridges, military firearms	
Norway	39 million	Germany, Italy, Sweden, US, Finland	Small arms ammunition, sporting/hunting shotguns, sporting/hunting rifles, shotgun cartridges, parts/accessories of shotguns/rifles	
Pakistan	17 million	South Korea, Italy, Brazil, Japan, China	Small arms ammunition, pistols/revolvers, shotgun cartridges, parts/accessories of shotguns/rifles, sporting/hunting shotguns	
Poland	27 million	Germany, Norway, Israel, Czech Republic, Austria	Small arms ammunition, pistols/revolvers, sporting/hunting rifles, rocket/grenade launchers, sporting/hunting shotguns	
Portugal	41 million	Belgium, Italy, Spain, Germany, France	Parts/accessories of shotguns/rifles, sporting/hunting shotguns, shotgun barrels, small arms ammunition, sporting/hunting rifles	
Russian Federation	At least 30 million	Germany, Italy, Austria, France, UK	Sporting/hunting shotguns, sporting/hunting rifles, small arms ammunition, parts/accessories of shotguns/rifles, shotgun cartridges	Does not report imports of pistols/revolvers to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.

Saudi Arabia	132 million	Belgium, Brazil, Europe, UK, UAE	Shotgun cartridges, pistols/revolvers, military firearms, rocket/grenade launchers, parts/accessories of shotguns/rifles	
Slovak Republic	13 million	Austria, Czech Republic, Italy, Germany, Europe	Small arms ammunition, pistols/revolvers, parts/accessories of pistols/revolvers, sporting/hunting rifles, sporting/hunting shotguns	
South Korea	47 million	US, Russian Federation, Italy, UK, Finland	Small arms ammunition, rocket/grenade launchers, shotgun cartridges, pistols/revolvers, sporting/hunting shotguns	
Spain	At least 55 million	Italy, Germany, Belgium, US, Portugal	Sporting/hunting shotguns, sporting/hunting rifles, shotgun cartridges, pistols/revolvers, small arms ammunition	Does not report imports of military weapons to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Sudan	12 million	China, Iran, Italy	Military weapons, shotgun cartridges	
Sweden	At least 32 million	Norway, Germany, US, Italy, Finland	Small arms ammunition, sporting/hunting rifles, sporting/hunting shotguns, parts/accessories of shotguns/rifles, pistols/revolvers	Does not report imports of military weapons to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Switzerland	42 million	Germany, Netherlands, Austria, Italy, UK	Small arms ammunition, pistols/revolvers, sporting/hunting rifles, sporting/hunting shotguns, parts/accessories	

			of shotguns/rifles	
Thailand	At least 16 million	US, Czech Republic, Italy, Austria, Philippines	Pistols/revolvers, small arms ammunition, sporting/hunting shotguns, sporting/hunting rifles, military firearms	Does not report imports of military weapons to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
Turkey	At least 16 million	Italy, Germany, Spain, Cyprus US	Shotgun cartridges, pistols/revolvers, small arms ammunition, sporting/hunting shotguns, parts/accessories of pistols/revolvers	Does not report imports of military weapons to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
United Arab Emirates	50 million	US, UK, Germany, Bulgaria, Finland	Small arms ammunition, rocket/grenade launchers, sporting/hunting rifles, parts/accessories of shotguns/rifles, pistols/revolvers	
United Kingdom	At least 97 million	Italy, Germany, US, Belgium, Spain	Sporting/hunting shotguns, small arms ammunition, sporting/hunting rifles, shotgun cartridges, parts/accessories of shotguns/rifles	Does not report imports of military weapons or pistols/revolvers to UN Comtrade. Hence the values of these categories (based on exporters' reports) are possibly underestimated.
United States	755 million	Italy, Austria, Germany, Japan, Brazil	Pistols/revolvers, sporting/hunting shotguns, small arms ammunition, sporting/hunting rifles, parts/accessories of shotguns/rifles	

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

Explanatory notes

Note A: UN Comtrade data in this table was calculated using NISAT's reliability index (see Small Arms Survey, 2005, Box 4.1, pp. 99–100; Marsh, 2005). All values given here are rounded.

Note B: Includes customs codes 9301 (military weapons), 930120 (rocket and grenade launchers, etc.), 930190 (military firearms), 9302 (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).

Note C: In this table, 'transfer' means sales, international assistance and training, and other kinds of transfers.

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

Note E: Category 9301 (military weapons) is a mixed category, containing both small arms/light weapons and larger conventional weapons. It was replaced by four new categories in the newest revision of the UN Comtrade Harmonized System (HS 2002), facilitating differentiation between small arms and light weapons and other weapons, among them the small arms and light weapons categories 930120 and 930190. Some countries still use HS 1996, however, and their reported value for 9301 may therefore include military weapons other than small arms and light weapons. The calculations on which this table is based include data from HS 2002, HS 1996, and HS 1992 to account for all transfers of military small arms and light weapons reported to UN Comtrade. For the older HS codes, the UN Register of Conventional Arms (UN Register) and the Stockholm International Peace Research Institute's *National Reports on Arms Exports* (SIPRI, 2007) were consulted to see whether any of the transfers were likely to concern large-calibre artillery. This was not the case for major exporters and importers during 2005 (otherwise the respective 9301 value(s) would have been taken out of the calculation). For more information on revisions of the UN Comtrade Harmonized System, see Small Arms Survey (2005, pp. 99–100, Box 4.1) and Marsh (2005).

Note F: In the table remarks, 'military weapons' signifies country reports to UN Comtrade specifically on two military categories, 930120 (rocket and grenade launchers, etc.) and 930190 (military firearms).

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 As of 15 January 2008 Colombia had not reported to UN Comtrade.

² As of 15 January 2008 Iraq had not reported to UN Comtrade.

³ As of 15 January 2008 Israel had not reported to UN Comtrade.

Sources: NISAT (2008a; 2008b); SIPRI (2007); UN Comtrade (2008)

Abbreviations

CAD	Canadian dollar
CHF	Swiss franc
EUR	euro
ML	Munitions List (Wassenaar Arrangement)
NISAT	Norwegian Initiative on Small Arms Transfers
SALW	small arms and light weapons
SEK	Swedish kroner
UAE	United Arab Emirates
USD	United States dollar

Bibliography

Austria. 2007. *Österreichische Exportkontrolle für konventionelle Militärgüter Politische und rechtliche Rahmenbedingungen*. Vienna, Federal Ministry of Foreign Affairs, <http://www.bmeia.gv.at/fileadmin/user_upload/bmeia/media/2-Aussenpolitik_Zentrale/4586_detailbericht_exportkontrolle_konventionelle_waffen.pdf>

Canada. 2007. *Report on Exports of Military Goods from Canada 2003–2005*. Ottawa: Department of Foreign Affairs and International Trade.

Finland. 2006. *National Report of Finland for 2005*. Helsinki: Ministry of Defence.

France. 2006. *Rapport au parlement sur les exportations d'armement de la France en 2005*. Paris: Ministry of Defence.

Germany. 2006. *Bericht der Bundesregierung über ihre Exportpolitik für konventionelle Rüstungsgüter im Jahre 2005 (Rüstungsexportbericht 2005)*. Berlin: Bundestag.

Glatz, Anne-Kathrin. 2006. 'Buying the Bullet: Authorized Small Arms Ammunition Transfers.' In Stéphanie Pézard and Holger Anders, eds. *Targeting Ammunition: A Primer*. Geneva: Small Arms Survey.

Italy. 2006. *Relazione sulle operazioni autorizzate e svolte per il controllo dell'esportazione, importazione e transito dei materiali di armamento nonché dell'esportazione e del transito dei prodotti ad alta tecnologia (Anno 2005)*. Rome: Camera dei Deputati.

Marsh, Nicholas. 2005. *Accounting Guns: The Methodology Used in Developing Data Tables for the Small Arms Survey*. Background Paper. Oslo: PRIO/NISAT. 14 November.

Netherlands. 2006. *Annual Report on The Netherlands Arms Export Policy in 2005*. The Hague: Ministry of Economic Affairs.

NISAT (Norwegian Initiative on Small Arms Transfers). 2008a. *Data from the NISAT Database on Authorized Small Arms Transfers*. Unpublished background paper. Geneva: Small Arms Survey.

—. 2008b. *Calculations from the NISAT Database on Authorized Small Arms Transfers*. Unpublished background paper. Geneva: Small Arms Survey.

Norway. 2006. *Eksport av forsvarsmateriell frå Noreg i 2005, eksportkontroll og internasjonalt ikkjepreingsamarbeid*. Oslo: Ministry of Foreign Affairs.

- Portugal. 2007. *Anuário estatístico da defesa nacional 2005*. Lisbon: Ministry of Defence.
- Pyadushkin, Maxim. 2006. *Russian Federation's SALW Transfers in 2003–2005*. Unpublished background paper. Geneva: Small Arms Survey.
- Romania. 2007. *Annual Report of the Romanian Arms Export Controls 2005*. Bucharest: National Agency for Export Controls, Conventional Arms Division. <http://www.sipri.org/contents/armstrad/ROM_05_ENG.pdf/download>
- Small Arms Survey. 2003. *Small Arms Survey 2003: Development Denied*. Oxford: Oxford University Press.
- . 2004. *Small Arms Survey 2004: Rights at Risk*. Oxford: Oxford University Press.
- . 2005. *Small Arms Survey 2005: Weapons at War*. Oxford: Oxford University Press.
- . 2006. *Small Arms Survey 2006: Unfinished Business*. Oxford: Oxford University Press.
- . 2007. *Small Arms Survey 2007: Guns and the City*. Cambridge: Cambridge University Press.
- Serbia. 2007. *Annual Report on the Realization of Foreign Trade Transfers of Controlled Goods for 2005 and 2006*. Belgrade: Ministry of Economy and Regional Development.
- SIPRI (Stockholm International Peace Research Institute). 2007. *National Reports on Arms Exports*. Accessed 24 March 2008. <http://www.sipri.org/contents/armstrad/atlinks_gov.html>
- Slovak Republic. 2007. *Výročná Správa o Obchode s Vojenským Materiálom za Rok 2006*. Bratislava: Slovakian Ministry of Economy. <http://www.sipri.org/contents/armstrad/SLK_06.pdf/download>
- Spain. 2006. *Estadísticas españolas de exportación de material de defensa, de otro material y de productos y tecnologías de doble uso en 2005*. Madrid: Ministerio de Industria, Turismo y Comercio.
- Sweden. 2006. *Strategic Export Controls in 2005: Military Equipment and Dual-use Goods*. Stockholm: Ministry of Foreign Affairs.
- Switzerland. 2006. *Exportations de matériel de guerre en 2005*. Berne: Secrétariat d'Etat à l'économie (SECO).
- Ukraine. 2007. *Information on the Scope of International Weapons Programmes in Ukraine in 2006* [editor's translation]. Kiev: State Service of Export Control of the Ukraine
- UK (United Kingdom). 2006. *Strategic Export Controls Annual Report 2005*. London: Foreign and Commonwealth Office.
- UN Comtrade. 2007. *United Nations Commodity Trade Statistics Database*. Department of Economic and Social Affairs/Statistics Division. Accessed 25 February 2008. <<http://unstats.un.org/unsd/comtrade/>>
- . 2008. *United Nations Commodity Trade Statistics Database*. Department of Economic and Social Affairs/Statistics Division. Accessed 15 January 2008. <<http://unstats.un.org/unsd/comtrade/>>
- US (United States). 2006. *Fiscal Year 2005 'Section 655' Report*. Washington, DC: US Department of State/US Department of Defence.