

Volume of arms production, export sales, and employment in the arms industry: France, Germany, the United Kingdom and the United States, 1991–2000^a

Figures are in US \$b., at constant 2000 prices.

Country	1991	1995	1996	1997	1998	1999	2000
France, arms production							
Sales	18.5	13.9	14.3	15.2	14.8	12.4	11.1
Exports	4.5	2.8	4.3	6.3	5.9	3.6	2.5
Employment ('000) ^b	248	193	185	178	175	171	166
Germany, military aerospace ^c							
Sales	6.8	2.6	2.9	2.6	2.7	2.9	2.7
Employment ('000) ^b	39	21	19	18	20	16	16
Germany ^d							
Exports	1.6	0.9	0.5	0.6	0.6	1.3	0.6
UK, arms production							
Sales	23.9	20.6	23.0	23.6	22.2	19.6	19.2
Exports	6.7	8.2	10.4	11.0	9.6	6.6	6.7
Employment, direct ('000) ^b	275	205	210	180	165	155	155
Employment, indirect ('000) ^b	235	205	205	190	190	165	150
USA, arms production							
Sales	112.3	74.3	65.0	66.2	62.7	66.3	..
Exports ^e	15.6	16.9	14.3	18.7	15.8	18.2	11.0
Employment, direct and indirect ('000) ^b	3 045	2 315	2 210	2 215	2 180	2 240	2 425

^a The data in this table are not strictly comparable between countries and items.

^b Employment data reflect employees in the arms producing activities of the companies, not total employment. These are usually rough approximations. Direct employment is that generated in the production of final goods and services for domestic procurement and export. Indirect employment is that generated in the supply chain by suppliers to direct contractors.

^c There are no official data on total German arms production. The data in this table represent only the military aerospace sector. Until 1995 the data are for all German aerospace companies, thereafter only for members of the German Aerospace Industries Association.

^d Data on German arms exports are published in the annual government arms export report.

^e Export data for the USA are for deliveries of foreign military sales (FMS) and direct commercial exports from companies.

Sources: **France:** Ministère de la défense, *Rapport au Parlement sur les exportations d'armement de la France en 2000* [Report to Parliament on French arms exports in 2000] (Ministère de la défense: Paris, 2002), p. 57; Délégation générale pour l'armement (DGA), *Activity Report 2001* (DGA: Paris, 2002), p. 54, URL <<http://www.defense.gouv.fr/dga/fr/chiffres/index.html>>; and Ministère de la défense, *Annuaire statistique de la défense* [Annual defence statistics] (DICOD: Paris, 2001), p. 89. **Germany:** German Aerospace Industries Association (BDLI), *Annual Report 2000/2001* and *Annual Report 1998/99* (BDLI: Berlin, 2001 and 1999); Bundesministerium für Wirtschaft und Arbeit, *Bericht der Bundesregierung über ihre Exportpolitik für konventionelle Rüstungsgüter im Jahre 2001 (Rüstungsexportbericht 2001)* [Report by the federal government on its export policy for conventional armaments in 2001 (Arms export report 2001)] Berlin, 18 Dec. 2002, URL <<http://www.bmwi.de/Homepage/Politikfelder/Au%20Deenwirtschaft%20&%20Europa/Exportkontrolle/Exportkontrolle.jsp>>; Communication with the Bundesministerium für Wirtschaft und Technologie, 14 Dec. 1999. **UK:** Defence Analytical Services Agency (DASA), *UK Defence Statistics 2002* (National Statistics: London, 2002), URL <<http://www.dasa.mod.uk/natstats/stats/ukds/2002/ukds.html>>; and DASA, *UK Defence Statistics 1997* (National Statistics: London, 1997). **USA:** Office of Management and Budget, *Fiscal Year 2003 Historical Tables: Budget of the United States Government* (Government Printing Office: Washington DC, 2002), pp. 55–56, URL <<http://w3.access.gpo.gov/usbudget/fy2003/spreadsheets.html>>; US Department of State, Bureau of Verification and Compliance, *World Military Expenditures and Arms Transfers 1999–2000* (US

URL http://projects.sipri.se/milex/aprod/nationaldata/aprod_usa_fra_frg_uk.pdf

Department of State: Washington, DC, 2001), p. II-49, URL <<http://www.state.gov/t/ve/rls/rpt/wmeat/>>; and DSCA *Foreign Military Sales, Foreign Military Construction Sales and Military Assistance Facts* (DSCA: Washington, DC, Sep. 2000 and Sep. 2002), URL <http://www.dsca.osd.mil/programs/Comptroller/2001_FACTS/default.htm>.

Official statistics on arms production are available on the SIPRI arms production project Internet site, URL <http://projects.sipri.se/milex/aprod/transparency.html>. Official statistics on arms exports are available on the SIPRI arms transfer project Internet site, URL <http://projects.sipri.se/armstrade/at_gov_ind_data.html>.