Table 6A.1. The SIPRI Top 100 arms-producing companies in the world excluding China, 2007[a]

Figures for arms sales, total sales and profit are in US$ million.

Rank[b]					Arms sales		Total sales,	Arms sales as % of total	Profit,	Employment,
2007	2006	Company[c]	Country	Sector[d]	2007	2006	2007	sales, 2007	2007	2007
1	1	Boeing	USA	Ac El Mi Sp	30 480	30 690	66 387	*46*	4 074	159 300
2	3	BAE Systems	UK	A Ac El MV Mi SA/A Sh	29 850	24 060	31 426	*95*	1 800	97 500
3	2	Lockheed Martin	USA	Ac El Mi Sp	29 400	28 120	41 862	*70*	3 033	140 000
4	4	Northrop Grumman	USA	Ac El Mi Sh Sp Ser	24 600	23 650	32 018	*77*	1 803	122 000
5	5	General Dynamics	USA	A El MV Sh	21 520	18 770	27 240	*79*	2 080	83 500
6	6	Raytheon	USA	El Mi	19 540	17 610	21 301	*92*	1 474	72 100
S	S	BAE Systems Inc. (BAE Systems, UK)	USA	A El MV SA/A	14 910	11 280	14 908	*100*	1 482	51 300
7	7	EADS[e]	W. Europe	Ac El Mi Sp	13 100	12 600	53 534	*24*	–610	116 490
8	8	L-3 Communications	USA	Ser El	11 240	9 980	13 961	*81*	756	64 600
9	9	Finmeccanica	Italy	A Ac El MV Mi SA/A	9 850	8 640	18 376	*54*	713	60 750
10	10	Thales	France	El Mi SA/A	9 350	8 240	16 825	*56*	1 214	61 200
11	11	United Technologies	USA	Ac El Eng	8 760	7 650	54 759	*16*	4 224	225 600
12	13	SAIC	USA	Ser	6 250	5 800	8 935	*70*	415	44 000
13	14	Computer Sciences Corp.	USA	Ser	5 420	5 280	16 500	*33*	545	89 000
14	17	SAFRAN	France	El	5 230	3 780	16 424	*32*	556	63 260
15	15	Honeywell	USA	El	5 020	4 400	34 589	*15*	2 444	122 000
16	S	KBR[f]	USA	Ser	5 000	6 630	8 745	*57*	302	52 000
17	16	Rolls-Royce[g]	UK	Eng	4 580	3 960	14 873	*31*	1 200	39 500
S	S	MBDA (BAE Systems, UK/ EADS, W. Europe/ Finmeccanica, Italy)	W. Europe	Mi	4 110	4 140	4 105	*100*	0	10 000
18	18	DCNS	France	Sh	3 860	3 400	3 860	*100*	200	12 720

19	19	ITT Corp.[h]	USA	El	3 850	3 290	9 003	*43*	742	39 700
S	S	Pratt & Whitney (United Technologies)	USA	Eng	3 580	3 650	12 129	*30*	0	38 580
20	20	General Electric	USA	Eng El	3 460	3 260	172 738	*2*	22 208	327 000
21	21	DRS Technologies[i]	USA	El	3 230	2 740	3 295	*98*	166	10 200
S	S	Eurocopter (EADS, W. Europe)	France	Ac	2 800	2 580	5 709	*49*	0	. .
22	22	Mitsubishi Heavy Industries[j]	Japan	Ac MV Mi Sh	2 780	2 390	27 201	*10*	521	64 100
23	28	Almaz-Antei[k]	Russia	Mi	2 780	1 950	3 122	*89*	95	81 860
24	24	Saab	Sweden	Ac El Mi	2 770	2 250	3 406	*81*	287	13 760
S	S	Sikorsky (United Technologies)	USA	Ac	2 770	1 820	4 783	*58*	0	14 000
25	32	AM General[l]	USA	MV	2 670	1 700	. .	. .	0	. .
26	26	EDS[m]	USA	Ser	2 540	2 170	22 134	*11*	729	139 500
27	25	Textron	USA	Ac El Eng MV	2 510	2 180	13 225	*19*	915	44 000
28	23	Alliant Techsystems	USA	SA/A	2 460	2 350	4 172	*59*	222	17 000
29	30	Rheinmetall	Germany	A El MV SA/A	2 400	1 810	5 480	*44*	205	19 190
30	36	Groupe Dassault	France	Ac	2 380	1 570	5 590	*43*	523	12 160
31	38	URS Corp.[n]	USA	El	2 290	1 530	9 023	*25*	132	56 000
32	27	Rockwell Collins	USA	El	2 230	2 040	4 415	*51*	585	19 500
33	34	QinetiQ	UK	Ser	2 160	1 610	2 733	*79*	95	14 070
S	S	MBDA France (MBDA, W. Europe)	France	Mi	2 050	2 260	2 050	*100*	174	4 310
34	31	Israel Aerospace Industries	Israel	Ac El Mi	1 960	1 750	3 316	*59*	126	16 000
35	61	Babcock International Group[o]	UK	Ser	1 920	760	3 332	*58*	155	15 000
36	42	Elbit Systems[p]	Israel	El	1 910	1 400	2 068	*92*	97	. .
37	43	VT Group[q]	UK	Sh Ser	1 870	1 400	2 402	*78*	116	14 110
S	S	Alenia Aeronautica (Finmeccanica)	Italy	Ac	1 780	1 450	2 287	*78*	35	8 840
38	35	CEA	France	Oth	1 760	1 590	4 652	*38*	0	15 610
39	39	ThyssenKrupp	Germany	Sh	1 740	1 520	70 776	*2*	2 997	191 350
40	33	Harris	USA	El	1 720	1 660	4 243	*41*	480	16 000
41	71	Sukhoi (UAC)[k r]	Russia	Ac	1 710	600	1 855	*92*	146	30 000
S	S	EADS Astrium (EADS, W. Europe)	France	Sp	1 700	1 290	4 858	*35*	0	. .
42	46	Krauss-Maffei Wegmann[s]	Germany	MV	1 690	1 190	1 779	*95*	0	2 800
43	37	Hindustan Aeronautics[t]	India	Ac Mi	1 670	1 550	2 086	*80*	395	. .

Rank[b]					Arms sales		Total sales,	Arms sales as % of total	Profit,	Employment,
2007	2006	Company[c]	Country	Sector[d]	2007	2006	2007	sales, 2007	2007	2007
44	41	Goodrich	USA	Comp (Ac)	1 600	1 470	6 392	*25*	483	23 400
45	44	Oshkosh Corp.	USA	MV	1 570	1 320	6 307	*25*	268	14 200
46	47	Serco	UK	Ser	1 440	1 170	5 623	*26*	165	41 450
47	49	Navantia	Spain	Sh	1 390	1 130	1 734	*80*	6	5 630
48	45	CACI International	USA	Ser	1 390	1 280	1 938	*72*	79	10 400
49	52	ManTech International Corp.	USA	Ser	1 350	1 080	1 448	*93*	67	7 300
50	50	Indian Ordnance Factories[u]	India	A SA/A	1 230	1 120	. .	. .	0	. .
51	48	Cobham	UK	Comp (Ac El)	1 220	1 140	2 123	*58*	264	8 990
S	S	EADS CASA (EADS, W. Europe)	Spain	Ac	1 150	1 280	1 436	*80*	–30	5 270
52	54	Rafael	Israel	Ac Mi SA/A Oth	1 140	950	1 200	*95*	34	5 000
53	57	ST Engineering (Temasek)	Singapore	Ac El MV SA/A Sh	1 100	880	3 352	*33*	334	18 000
54	67	EDO Corp. (ITT Corp.)[h]	USA	El	1 060	660	1 150	*92*	0	. .
55	68	TRV Corp.[k]	Russia	Mi	1 050	650	1 110	*95*	116	21 250
56	59	Samsung	S. Korea	A El MV Sh	1 030	810	106 007	*1*	8 526	263 000
57	64	GKN	UK	Comp (Ac)	950	740	7 740	*12*	396	42 100
S	S	Devonport Management Ltd (Babcock)	UK	Comp (Sh)	930	780	994	*94*	0	. .
58	58	Diehl	Germany	Mi SA/A	900	850	3 106	*29*	0	11 520
59	62	Irkut Corp. (UAC)[k v]	Russia	Ac	900	740	1 023	*88*	152	11 590
60	56	DynCorp International[w]	USA	Ser	900	900	2 140	*42*	48	16 800
61	. .	Force Protection	USA	MV	890	200	891	*100*	9	1 300
S	S	SELEX Communications (Finmeccanica)	Italy	Comp (El Oth)	890	650	1 077	*83*	0	4 720
62	63	Indra	Spain	El	870	740	2 966	*29*	212	23 480
63	66	Bharat Electronics	India	El	840	660	995	*84*	200	12 370
64	53	Mitsubishi Electric[j]	Japan	El Mi	820	1 010	34 392	*2*	1 342	105 650
65	55	Nexter	France	A MV SA/A	800	900	803	*100*	207	2 500
S	S	Samsung Techwin (Samsung)	S. Korea	A El Eng MV	770	570	3 490	*22*	221	5 080

66	69	Aerospace Corp.	USA	Ser	700	640	790	*89*	0	3 500
67	72	Vertolety Rossii (OPK Oboronprom)[k x]	Russia	Ac	690	600	695	*100*	0	. .
68	. .	LIG Nex1	S. Korea	El	690	450	697	*99*	26	2 080
69	70	MTU Aero Engines	Germany	Eng	680	610	3 525	*19*	211	7 130
70	99	Meggitt	UK	Comp (Ac)	670	480	1 757	*38*	179	8 300
S	S	Galileo Avionica (Finmeccanica)	Italy	El	670	580	753	*88*	70	2 830
71	73	Fincantieri	Italy	Sh	660	580	3 658	*18*	62	9 360
72	. .	Alion Science and Technology	USA	Ser	660	450	738	*89*	–43	3 400
73	77	Korea Aerospace Industries[y]	S. Korea	Ac	650	560	861	*75*	5	2 760
74	97	Patria	Finland	Ac MV SA/A	640	480	741	*86*	46	2 660
75	78	Cubic Corp.	USA	Ser	640	560	890	*72*	42	6 100
S	S	Thales Australia (Thales, France)	Australia	A El MV Mi SA/A Sh	630	530	737	*86*	0	3 490
76	89	Ultra Electronics	UK	El	620	530	826	*75*	82	3 050
77	. .	Navistar[z]	USA	MV	620	30	12 295	*5*	–120	17 100
78	87	Teledyne Technologies	USA	El	620	540	1 622	*38*	99	8 130
S	S	Santa Bárbara Sistemas (General Dynamics, USA)	Spain	A MV SA/A	620	630	617	*100*	7	1 980
79	65	NEC[j]	Japan	El	610	710	39 210	*2*	193	152 920
80	74	Curtiss-Wright Corp.	USA	Comp (Ac Sh)	610	580	1 592	*38*	104	7 470
81	75	SRA International	USA	El	610	580	1 269	*48*	63	5 200
82	88	Ufimskoe MPO[k]	Russia	Eng	590	530	619	*95*	17	19 130
83	85	MITRE	USA	Ser	590	540	1 113	*53*	0	6 820
84	81	Moog	USA	Comp (El Mi)	590	550	1 558	*38*	101	8 360
85	51	Kawasaki Heavy Industries[j]	Japan	Ac Eng Mi Sh	580	1 120	12 748	*5*	298	30 560
86	83	RUAG	Switzerl.	A Ac Eng SA/A	580	540	1 174	*49*	63	6 100
87	100	GenCorp	USA	El Eng	580	480	745	*78*	69	3 250
88	94	CAE	Canada	El	570	500	1 325	*43*	142	6 000
89	95	Avio (Cinven, UK)	Italy	Eng	570	500	2 126	*27*	48	4 720
S	S	MBDA Italia (MBDA, W. Europe)	Italy	Mi	570	440	568	*100*	–2	1 260
90	93	Ceradyne	USA	Comp (Oth)	560	510	757	*74*	144	2 510
91	80	Chugach Alaska Corp.[aa]	USA	Ser	560	550	. .	. .	0	. .

Rank[b] 2007	Rank[b] 2006	Company[c]	Country	Sector[d]	Arms sales 2007	Arms sales 2006	Total sales, 2007	Arms sales as % of total sales, 2007	Profit, 2007	Employment, 2007
92	. .	Fiat[bb]	Italy	Eng MV	550	430	80 089	*1*	2 811	185 230
93	84	ARINC (Carlyle Group)[cc]	USA	Ser	550	540	1 180	*46*	0	3 100
S	S	Iveco (Fiat)	Italy	MV	550	430	15 320	*4*	660	26 460
94	90	Tenix Group[dd]	Australia	El SA/A Sh	540	510	. .	. .	0	4 000
95	. .	Kongsberg Gruppen	Norway	El Mi SA/A	540	450	1 417	*38*	84	4 210
96	. .	VSE Corp.	USA	Ser	540	340	653	*82*	0	1 220
97	79	Vought Aircraft Industries (Carlyle Group)	USA	Ac	530	560	1 626	*33*	46	6 500
98	96	Aerokosmicheskoe Oborudovanie[k]	Russia	El	520	500	820	*63*	132	39 870
99	. .	Jacobs Engineering Group[ee]	USA	Ser	520	460	8 474	*6*	287	36 400
S	S	Samsung Thales (Thales, France/ Samsung, S. Korea)	S. Korea	El	520	470	517	*100*	26	1 370
100	92	Hyundai Heavy Industries (Hyundai)	S. Korea	Sh	510	510	16 716	*3*	1 884	25 500

[a] Although several Chinese arms-producing enterprises are large enough to rank among the SIPRI Top 100, it has not been possible to include them because of lack of comparable and sufficiently accurate data. In addition, there are companies in other countries, such as Kazakhstan and Ukraine, that could also be large enough to appear in the SIPRI Top 100 list if data were available, but this is less certain.

[b] Companies are ranked according to the value of their arms sales in 2007. Companies with the designation S are subsidiaries. A dash (–) indicates either that the company did not make arms sales in 2006, that it did not rank among the SIPRI Top 100 for 2006 or that data for 2006 is not available. Company names and structures are listed as they were on 31 Dec. 2007. Information about subsequent changes is provided in these footnotes. The 2006 ranks may differ from those published in *SIPRI Yearbook 2008* owing to the continual revision of data, most often because of changes reported by the company itself and sometimes because of improved estimations. Major revisions are explained in these footnotes.

[c] For subsidiaries and operational companies owned by a holding or investment company, the name of the parent company is given in parentheses along with its country, where it differs.

[d] Key to abbreviations: A = artillery; Ac = aircraft; El = electronics; Eng = engines; Mi = missiles; MV = military vehicles; SA/A = small arms/ammunition; Ser = services; Sh = ships; Sp = space; Oth = other; Comp (. . .) = components, services or anything less than final systems in the sectors within the parentheses—used only for companies that do not produce final systems.

[e] As of 31 Dec. 2008 EADS (European Aeronautic Defence and Space Company) was 22.52% owned by Daimler (Germany), 25% by SOGEADE (whose share capital is held by Lagardère and the French state) and 5.49% by SEPI, a Spanish state holding company. EADS is registered in the Netherlands. On 9 Feb. 2007 DaimlerChrysler reached an agreement with a consortium of private and public-sector investors by which it will reduce its shareholding in EADS by 7.5 percentage points.

[f] KBR was a subsidiary of Halliburton (USA) until is was floated as an independent company in Apr. 2007. The arms sales figures for KBR are an estimate based on US Department of Defense (DOD) prime contract awards and payments by the British Ministry of Defence (MOD), less an estimate for civilian contracts with the US Army for restoring Iraqi oilfields.

[g] The arms sales figures for Rolls-Royce are estimates, as the company does not publish information on the civil–military breakdown of its Marine Division's sales and has not responded to requests for this information.

[h] ITT acquired EDO Corp. in late Dec. 2007 and has not included any of EDO's trading in its reported financial results. Because of this, and because the acquisition occurred so near to the end of 2007, ITT and EDO are reported here as separate companies for 2007.

[i] DRS was acquired by Finmeccanica (Italy) in Oct. 2008.

[j] For Japanese companies figures in the arms sales column represent new military contracts rather than arms sales.

[k] This is the sixth year in which Russian companies have been covered by the SIPRI Top 100. There may be other Russian companies that should be in the list but for which insufficient data is available. Since 2005 a process of merging many Russian arms companies into a few giant state-owned conglomerates has been under way. See section IV above for an explanation of how this is treated in the Top 100 table. All data for Irkut is from its own consolidated financial statements. For all other Russian companies in the list, figures for total sales and profits in 2007 are from Expert RA, the Russian rating agency, while figures for arms sales share estimates and employment are from the Centre for Analysis of Strategies and Technologies (CAST), Moscow.

[l] Limited financial data is publicly available for AM General. The SIPRI estimate of arms sales is based on a 2-year average of US DOD prime contract awards plus an estimate of its exports.

[m] EDS was acquired by Hewlett-Packard (USA) in Aug. 2008. The arms sales figures for EDS are based on US DOD prime contract awards and a conservative estimate of £500 m. for sales to the British MOD. *UK Defence Statistics 2008* (Stationery Office: London, 2008) lists EDS as a company paid £500 m. or more by the MOD in 2007.

[n] URS acquired Washington Group International (WGI), an engineering and military services company, in Nov. 2007. Only 6 weeks of WGI's trading after the takeover has been included in URS's accounts for 2007. However the company provides pro forma financial data in its 10-K annual report to the US Securities and Exchange Commission as if WGI had been operating as part of URS from 1 Jan. 2007. The total revenue figure above is the pro forma figure from the 10-K report. The arms sales figure is based on URS's sales to military customers reported in its 10-K report plus a conservative estimate of the revenues of WGI's Defence Division for 2007 not included in URS figures, based on the pro forma figures in the 10-K report and on figures from WGI's 10-Q quarterly report for the first 9 months of 2007. The WGI Defence Division's sales, however, include some sales of non-military services to the US DOD, which cannot be quantified from publicly available information.

[o] Babcock acquired Devonport Management Ltd (DML) from KBR (USA) in June 2007. Babcock's total sales figures are pro forma figures from the company as if DML had been acquired at the beginning of 2007. Arms sales figures are an estimate of what Babcock's arms sales would have been had DML been

acquired at the beginning of 2007, based on the revenue of Babcock's Marine and Defence divisions, plus an estimate of the arms sales of DML for 2007 based on a small share of civil business.

[p] Elbit acquired Tadiran Communications (Israel) in Apr. 2007. Total revenue is pro forma revenue from the company as if Tadiran had been acquired at the beginning of 2007. The arms sales figure for 2007 is based on the figure for military sales given in Elbit's annual report, plus an estimate for Tadiran arms sales not included in these figures, on the assumption that the arms sales share of these sales was the same as for the reported figures. This is not unreasonable as Elbit and Tadiran previously had very similar arms sales revenues shares.

[q] The arms sales figures for VT Group are a rough estimate, as the company does not publish information on the civil–military breakdown of its revenues and has not responded to SIPRI requests for this information.

[r] Sukhoi has since 2007 been operating as a subsidiary of the United Aircraft Corporation (UAC). However, since comparable financial data for UAC for 2007 is not currently available, Sukhoi is reported in the Top 100 as if it were a parent company.

[s] The arms sales figures for Krauss-Maffei Wegmann are based on a small estimate of the company's non-military sales.

[t] The arms sales share of total sales for Hindustan Aeronautics is taken from the *Defense News* Top 100 for 2007.

[u] Data for Indian Ordnance Factories is an estimate.

[v] Irkut has since 2007 been operating as a subsidiary of the United Aircraft Corporation (UAC). However, since comparable financial data for UAC for 2007 is not currently available, Sukhoi is reported in the Top 100 as if it were a parent company.

[w] The arms sales figures for DynCorp are revenues from the US DOD. This is probably an underestimate, as some security contracts with the US State Department should probably be classified as military business, and thus are 'arms sales' under the SIPRI definition.

[x] Vertoletu Rossii has since 2005 been operating as a subsidiary of OPK Oboronprom. However since comparable financial data for Oboronprom for 2007 is not currently available, Vertoletu Rossii is reported in the Top 100 as if it were a parent company.

[y] The arms sales figure for 2007 for Korea Aerospace Industries is based on the arms sales share for 2006.

[z] The arms sales figures for Navistar are based on US DOD prime contract awards.

[aa] The arms sales figures for Chugach Alaska are based on US DOD prime contract awards.

[bb] The arms sales of Fiat are those of its Iveco trucks and commercial vehicles division, which sells some military vehicles.

[cc] The arms sales figure for ARINC are taken from the *Defense News* Top 100 for 2007.

[dd] Tenix Defence, the subsidiary of Tenix Group with arms sales, was acquired by BAE Systems in Jan. 2008. No financial data for Tenix Group as a whole is available for 2007. The arms sales figure for Tenix is taken from the *Australian Defence Magazine* Top 40 Australian Defence Contractors for 2007.

[ee] The arms sales figures for Jacobs Engineering Group are based on US DOD prime contract awards.