

The 100 largest arms-producing companies in the OECD and developing countries, 1999

Figures in columns 6, 7, 8 and 10 are in US \$m.<sup>a</sup> Figures in italics are percentages.

1	2	3	4	5	6	7	8	9	10	11
Rank <sup>b</sup>					Arms sales		Total sales	Col. 6 as	Profit	Employment
1999	1998	Company <sup>c</sup>	Country	Sector <sup>d</sup>	1999	1998	1999	% of col. 8	1999	1999
1	1	Lockheed Martin	USA	Ac El Mi	17 930	17 880	25 530	<i>70</i>	382	149 0 00
2	2	Boeing	USA	Ac El Mi	15 600	15 900	57 993	<i>27</i>	2 309	197 000
3	4	BAE SYSTEMS <sup>e</sup>	UK	A Ac El Mi SA/A Sh	15 470	10 520	20 050	<i>77</i>	1 804	71 150
4	3	Raytheon	USA	El Mi	11 530	12 480	19 841	<i>58</i>	404	105 300
5	5	Northrop Grumman	USA	Ac El Mi SA/A	7 070	6 720	8 995	<i>79</i>	467	44 600
6	7	General Dynamics	USA	MV Sh	5 550	4 160	8 959	<i>62</i>	880	43 400
7	S	Thomson-CSF	France	El Mi SA/A	4 080	4 580	7 340	<i>56</i>	293	48 920
8	9	Litton <sup>f</sup>	USA	El Sh	3 910	3 230	5 592	<i>70</i>	122	40 800
9	8	United Technologies, UTC <sup>g</sup>	USA	El Eng	3 480	3 260	24 996	<i>14</i>	1 558	148 300
10	–	Aérospatiale Matra, AM	France	Ac El Mi	3 300	0	13 743	<i>24</i>	58	52 390
11	10	DaimlerChrysler, DC	FRG	Ac El Eng MV Mi	3 070	3 050	159 797	<i>2</i>	6 122	466 940
S	S	DaimlerChrysler Aerospace, DASA (DC)	FRG	Ac El Eng Mi	3 040	3 020	9 792	<i>31</i>	64	46 110
12	12	IRI	Italy	A Ac El MV Mi SA/A Sh	3 000	2 690	23 945	<i>13</i>	3 103	108 970
13	11	TRW	USA	Comp (El MV) Oth	2 990	2 900	16 969	<i>18</i>	469	122 260
S	S	Finmeccanica (IRI)	Italy	A Ac El MV Mi SA/A	2 790	2 420	6 373	<i>44</i>	70	43 690
S	S	Matra BAe Dynamics (AM, BAE SYSTEMS, UK)	France/ France	Mi	2 660	1 970	2 660	<i>100</i>	..	..
14	13	Mitsubishi Heavy Industries <sup>h</sup>	Japan	Ac MV Mi Sh	2 460	2 540	25 240	<i>10</i>	– 1 203	64 990
15	14	Rolls Royce <sup>i</sup>	UK	Eng MV	2 410	2 150	8 982	<i>27</i>	..	49 600

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S	S	Pratt & Whitney (UTC)	USA	Eng	2 120	1 940	7 674	28	..	30 000
16	27	GKN	UK	Ac MV	1 860	1 160	7 514	25	586	39 790
17	17	Newport News	USA	Sh	1 830	1 720	1 863	98	97	17 300
18	16	DCN	France	Sh	1 700	1 840	1 754	97	..	16 420
19	18	General Electric	USA	Eng	1 600	1 600	111 630	1	10 717	340 000
20	28	Computer Sciences Corp. <sup>j</sup>	USA	Oth	1 470	1 110	9 371	16	403	58 000
21	21	Rheinmetall	FRG	A El MV SA/A	1 420	1 280	4 809	30	- 6	33 050
22	-	Honeywell International	USA	Ac El Mi	1 420	0	23 735	6	1 541	120 000
S	S	Rheinmetall DeTec (Rheinmetall)	FRG	A El MV SA/A	1 420	610	1 420	100	- 21	9 250
23	20	ITT Industries	USA	El	1 410	1 290	4 632	31	233	37 870
24	29	Textron	USA	Ac El Eng MV	1 300	1 100	11 579	11	2 226	68 000
25	25	United Defense	USA	MV	1 210	1 200	1 210	100	1 541	4 850
26	22	Israel Aircraft Industries	Israel	Ac El Mi	1 200	1 220	2 000	60	70	14 300
27	26	CEA	France	Oth	1 190	1 190	3 022	39	..	..
S	S	Sikorsky (UTC)	USA	Ac	1 170	1 270	..	..	..	7 000
28	42	Kawasaki Heavy Industries <sup>h</sup>	Japan	Ac Eng Mi Sh	1 160	670	10 325	11	- 167	29 770
29	30	Science Applications <sup>j</sup>	USA	Oth	1 140	1 040	5 530	21	620	39 080
30	35	Ordnance Factories	India	A SA/A	1 120	820	1 240	90	..	..
31	39	L-3 Communications	USA	El	1 000	770	1 406	71	59	10 200
32	15	Dassault Aviation	France	Ac	990	1 870	3 078	32	186	11 600
33	38	Mitsubishi Electric <sup>h</sup>	Japan	El Mi	980	790	33 896	3	223	116 590
34	31	SEPI <sup>k</sup>	Spain	Ac El Oth	970	1 020	..	..	..	..
35	24	Celsius	Sweden	A El SA/A Sh	920	1 200	1 416	65	6	9 130
36	23	GIAT Industries	France	A MV SA/A	890	1 200	927	97	- 154	8 000
S	S	Eurocopter (Aérospatiale Matra/	France	Ac	890	830	1 868	48	..	9 680

		DASA, FRG)								
37	36	Hunting	UK	SA/A Oth	870	810	1 703	51	35	10 450
38	49	SAGEM	France	El	810	570	3 633	22	157	15 000
39	34	Alliant Tech Systems	USA	SA/A	800	850	1 078	74	74	5 860
40	32	SNECMA	France	Eng	780	970	5 178	15	275	23 530
41	37	FIAT <sup>l</sup>	Italy	Eng MV SA/A	750	790	48 720	2	662	220 550
42	43	Saab	Sweden	Ac El Mi	740	650	1 096	68	114	8 030
43	–	Krauss-Maffei Wegmann <sup>m</sup>	FRG	MV	..	0	..	..	..	..
44	48	Rockwell International	USA	El Mi	700	600	7 043	10	582	41 200
45	–	EDS <sup>j</sup>	USA	Oth	630	..	18 534	3	421	121 000
46	40	GTE	USA	El	610	740	25 336	2	4 033	100 000
47	41	Harris	USA	El	610	700	1 744	35	53	10 500
48	44	Singapore Technologies, ST	Singap.	Ac El MV Sh SA/A	590	620	3 274	18	127	39 800
S	S	ST Engineering (ST)	Singap.	Ac El MV Sh SA/A	590	490	1 041	57	118	10 000
49	51	Diehl	FRG	Mi SA/A	570	550	1 716	33	55	12 140
S	S	BAE SYSTEMS Marine (BAE SYSTEMS)	UK	Sh	560	..	555	100	..	7 190
50	46	RUAG SUISSE	Switzerl.	A Ac Eng SA/A	550	600	620	88	28	3 830
51	45	Racal Electronics	UK	El	550	620	1 250	44	..	..
52	96	Veridian <sup>i</sup>	USA	Oth	550	230	613	90	..	5 000
53	55	Dyncorp	USA	Comp (Ac)	540	490	1 345	40	6	..
54	47	Gencorp	USA	El Eng	520	600	1 071	48	72	7 480
55	69	General Motors, GM	USA	El Eng Mi MV	520	390	176 558	..	6 002	388 000
56	57	Smiths Industries	UK	El	510	460	2 143	24	264	15 000
S	S	GM Canada (GM, USA)	Canada	Eng MV	510	250	26 721	2	..	..
57	53	Rafael	Israel	SA/A Oth	500	510	510	99	..	4 300
58	60	Silicon Graphics <sup>j</sup>	USA	Oth	500	450	2 749	18	54	9 190
S	S	CASA (SEPI)	Spain	Ac	490	340	1 293	38	86	7 430
59	52	Israel Military Industries	Israel	A MV SA/A	480	530	486	98	6	4 430
60	61	MKEK	Turkey	SA/A	480	440	480	100	38	8 760
61	54	Ishikawajima-Harima <sup>h</sup>	Japan	Eng Sh	470	490	8 736	5	– 694	..

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62	82	Toshiba <sup>h</sup>	Japan	El Mi	470	290	51 635	1	- 252	190 870
63	-	Marconi <sup>n</sup>	UK	El	460	0	9 264	5	615	53 000
64	56	Hindustan Aeronautics <sup>l</sup>	India	Ac Mi	450	470	476	95	..	..
65	59	Lucent Technologies	USA	El	450	450	38 303	1	3 833	153 000
66	-	Babcock Borsig	FRG	Sh	440	0	7 032	6	80	41 510
67	64	Elbit Systems	Israel	El	440	410	440	100	31	2 050
68	77	Devonport Management	UK	Sh	440	350	547	80	21	3 820
S	S	HDW (Babcock Borsig)	FRG	Sh	440	280	673	65	..	3 300
69	85	Primex Technologies	USA	SA/A	430	280	544	79	20	2 850
70	70	Mitre	USA	Oth	410	390	541	75	11	..
71	80	Tenix	Australia	Sh	390	300	645	60	..	4 000
72	-	ThyssenKrupp	FRG	Sh	390	190	34 496	1	293	184 770
73	76	Cobham	UK	Comp (Ac El )	390	350	704	56	77	5 830
S	S	Bazan (SEPI)	Spain	El Eng Sh	390	420	505	78	..	5 500
74	67	Denel	S. Africa	A Ac El MV Mi SA/A	380	390	564	67	- 34	11 090
75	65	Alvis	UK	MV Oth	380	410	380	100	49	..
76	74	EG&G	USA	Comp (El Oth)	380	360	500	76	..	..
77	78	NEC <sup>h</sup>	Japan	El	370	340	43 819	1	91	154 790
78	75	AIDC	Taiwan	Ac	370	350	731	50	..	3 800
79	71	TI Group	UK	Comp (Ac)	370	380	4 416	8	287	38 300
80	92	DRS Technologies	USA	El	360	250	392	92	4	2 000
81	81	Labinal	France	Eng	340	300	2 674	13	64	29 090
82	73	Babcock International, BI	UK	Sh	340	360	762	45	36	6 550
S	S	Babcock Rosyth Defence (BI)	UK	Sh Oth	340	360	340	100	..	..
83	87	Komatsu <sup>h</sup>	Japan	MV SA/A	330	270	9 267	4	118	28 520

84	68	Cordant Technologies	USA	Eng SA/A	330	390	2 513	13	164	17 200
85	66	Koor Industries	Israel	A El	320	400	2 579	12	133	..
	S	Hollandse Signaalapparaten (Thomson-CSF, France)	Netherl.	El	310	370	313	99	- 3	3 090
86	98	Federman	Israel	El	300	220	..	..	..	..
87	-	Hitachi Zosen <sup>h</sup>	Japan	Sh	300	..	4 173	7	21	10 870
88	-	Anteon <sup>i</sup>	USA	Oth	300	190	401	75	..	3 900
	S	Dornier (Daimler Aerospace)	FRG	Ac El	300	..	1 169	26	33	4 050
	S	El-Op (Federman)	Israel	El Oth	300	220	300	100	14	2 000
89	91	Vospert Thornycroft	UK	Sh	290	250	443	65	39	3 880
90	80	AM General Corporation	USA	MV	290	320	348	83	- 10	1 070
	S	ADI (Transfield Holding/ Thomson-CSF, France)	Australia	El SA/A Sh	290	270	369	78	123	3 100
	S	EDS Defence (EDS, USA) <sup>j</sup>	UK	El	290	..	290	100	..	2 000
91	92	BFGoodrich	USA	Comp (Ac)	280	250	5 538	5	170	27 000
92	85	Motorola	USA	El	280	280	30 931	1	817	121 000
	S	Turbomeca (Labinal)	France	Eng	270	240	566	48	..	..
93	90	CAE	Canada	El	260	250	784	33	61	6 000
94	95	Bharat Electronics	India	El	260	240	347	75	25	14 810
	S	Singapore Aerospace (ST Engineering)	Singapore	Ac El Eng	260	290	506	52	74	4 250
95	89	Ericsson	Sweden	El	250	260	26 070	1	1 468	103 290
96	-	Teledyne Technologies	USA	El	250	0	803	31	49	..
97	-	Nissan Motor <sup>h</sup>	Japan	A MV	240	200	53 678	< 1	- 6 146	141 530
	S	Sextant Avionique (Thomson-CSF)	France	El	240	280	911	26	..	7 060
98	96	Bombardier	Canada	El Mi	230	230	9 166	2	484	56 000
99	-	Ultra Electronics	UK	El	230	200	312	75	16	2 000
100	-	Japan Electronic Computer Co. <sup>h</sup>	Japan	El	220	200	..	..	..	..
<b>Total<sup>o</sup></b>					<b>157 370</b>	<b>[141 240]</b>	-	-	-	-

<sup>a</sup> The period average of market exchange rates of the International Monetary Fund's *International Financial Statistics* is used for conversion to US dollars.

<sup>b</sup> Rank designations in the column for 1998 may not correspond to those given in table 6A in the *SIPRI Yearbook 2000* because of subsequent revision. A dash (–) in this column indicates either that the company did not produce arms in 1998, or that it did not exist in 1998 as it was structured in 1999, in which case there is a zero (0) in column 7, or that it did not rank among the 100 largest companies in 1998. Companies with the designation S in the column for rank are subsidiaries.

<sup>c</sup> Names in brackets are names of parent companies.

<sup>d</sup> Key to abbreviations in column 5: A = artillery, Ac = aircraft, El = electronics, Eng = engines, Mi = missiles, MV = military vehicles, SA/A = small arms/ammunition, Sh = ships, and Oth = other. Comp ( ) = components of the product within the parentheses. It is used only for companies which do not produce any final systems.

<sup>e</sup> Data for BAE SYSTEMS are pro-forma sales as if the acquisition of Marconi Electronic Systems (MES) had occurred on 1 Jan. 1999. MES was acquired by British Aerospace on 29 Nov. 1999. Following the acquisition British Aerospace was renamed BAE SYSTEMS.

<sup>f</sup> Data for Litton are pro-forma sales as if the acquisition of Avondale Industries had occurred on 1 Aug. 1998. Litton acquired Avondale Industries on 2 Aug. 1999.

<sup>g</sup> Data for United Technologies are pro-forma sales as if the acquisition of Sundstrand had occurred on 1 Jan. 1999. United Technologies acquired Sundstrand in June 1999.

<sup>h</sup> For Japanese companies figures in the arms sales column represent new military contracts rather than arms sales.

<sup>i</sup> Data for Rolls Royce are pro-forma sales as if the acquisition of Vickers had taken place on 1 Jan. 1999. Rolls Royce acquired Vickers on 17 Nov. 1999.

<sup>j</sup> This company is a provider of IT services and products to defence ministries. Figures are for total sales to defence ministries, an unknown share of which is for military applications.

<sup>k</sup> The former arms-producing subsidiary of SEPI, Indra was privatized in 1999.

<sup>l</sup> All figures are for 1998.

<sup>m</sup> The rank of Krauss-Maffei Wegmann in 1999 is derived from the combined arms sales of Wegmann and the arms-producing division of Mannesmann, Krauss-Maffei. These merged in Jan. 1999. The new company is owned 51% by Wegmann and 49% by Mannesmann.

<sup>n</sup> Marconi was incorporated on 17 Sep. 1999 in anticipation of the sale by GEC of Marconi Electronic Systems (MES) to British Aerospace (see note e). Marconi comprises all activities of the former GEC, except MES.

<sup>o</sup> The total is the value of combined arms sales of parent companies.