



The SIPRI Military Expenditure Database

Military expenditure data provides an easily identifiable measure of the scale of resources absorbed by military activities. Military expenditure is an input measure. As such it is not directly related to the output of military activities, such as military capability.

SIPRI military expenditure data are entirely based on open sources, and as much as possible on official data.

The SIPRI definition (http://www.sipri.org/contents/milap/milex/mex_definition.html) of military expenditure is used as a guideline in the compilation of SIPRI data but is not always possible to apply. If another definition is used, it is applied over the entire country time-series in order to achieve consistency over time.

Military expenditure data from different volumes of the SIPRI Yearbook should not be combined because of data revision between volumes. Revision can be significant; e.g., when a better time series becomes available, the entire SIPRI series is revised accordingly. When data are available in local currency but not in constant US\$ or as a share of GDP, this is due to lack of economic data. Revisions in constant dollar series can also originate in significant revisions in the economic statistics of IMF that are used for these calculations.

Contributions of military expenditure data, estimates and advice are gratefully acknowledged from the SIPRI Military expenditure network

http://www.sipri.org/contents/milap/milex/mex_network.html .

Convention:

US\$ m. = Million US dollars; - = Empty cell

. . = Data not available or not applicable, () = Uncertain figure, [] = SIPRI estimate.

Israel																	
Military expenditure in million of newshekels																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
9271.75	10550	13075	20250	17700	20100	22500	24300	28400	31400	34300	37400	39500	40600	47400	44700	45795	43902
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
7671	7258	7677	9991	7801	7985	7957	7809	8202	8320	8620	8935	9330	9489	10484	9816	10098	9579
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
13.2	12.3	12.4	15	10.9	10.8	9.7	9	9	8.8	8.7	8.7	8.4	8.5	9.6	8.9	8.7	
Comments: Figures for Israel include military aid from USA of approximately US\$2 billion annually.																	

United States of America																	
Military expenditure in million of dollars																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
293093	304085	306170	280292	305141	297637	288059	278856	271417	276324	274278	280969	301697	312743	356720	415223	464675	507089
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
455956	450972	431282	378488	399963	379016	357394	336635	318420	316789	309447	310326	322309	324908	364819	415223	452559	478177
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
5.7	5.5	5.3	4.7	4.8	4.5	4.1	3.8	3.5	3.3	3.1	3	3.1	3.1	3.4	3.8	4	

Russian Federation																	
Military expenditure in million of roubles																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
138.3	133.7	123.4	-	1049	9037	35890	63220	82485	105034	85574	164658	271024	365374	470055	568468	655629	808806
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
161100	149400	126400	124000	29600	26100	25200	16000	14100	15700	10000	10400	14100	15700	17400	18500	19300	21000
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
15.8	14.2	12.3	..	5.5	5.3	5.9	4.4	4.1	4.5	3.3	3.4	3.7	4.1	4.3	4.3	3.9	
Comments:	For sources and methods of the military expenditure figures for the USSR and Russia, see Cooper, J., 'The military expenditure of the USSR and the Russian Federation, 1987-97', SIPRI Yearbook 1998: Armaments, Disarmament and International Security (Oxford University Press: Oxford, 1998), appendix 6D, pp. 243-59. Up to and including the SIPRI Yearbook 2002, PPP rates were used for Russia for converting local currency figures to constant dollars.																

United Kingdom of Great Britain and Northern Ireland																	
Military expenditure in million of pounds																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
19284.75	20473.5	21932.25	23856.75	23232.5	22727	22539	21701.75	22107.25	21791.5	22260.75	22548.25	23307	24217.25	25717.75	29844.5	32217.25	31358
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
53418	52609	51479	52881	49668	47835	46292	43101	42877	40945	40450	40344	40533	41356	43212	48728	51088	48305
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
4.1	4	3.9	4.1	3.8	3.5	3.3	3	2.9	2.7	2.6	2.5	2.4	2.4	2.5	2.7	2.8	
Comments:	The series for the UK has a break between 2000 and 2001, because in 2001 the UK changed its accounting system for defence expenditure from 'cash basis' to 'resource basis'. It is not clear what impact this change had on the trend in UK military expenditure.																

France																	
Military expenditure in million of euros																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
32788	34351	35355	36730	36416	36771	37574	36349	36188	36756	36012	36510	36702	37187	38681	40684	42690	42502
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
49654	50263	50040	50366	48782	48241	48489	46089	44981	45145	43936	44308	43796	43667	44564	45917	47177	46150
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
3.6	3.5	3.4	3.4	3.3	3.3	3.3	3	2.9	2.9	2.7	2.7	2.5	2.5	2.5	2.6	2.6	

China																	
Military expenditure in million of																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
-	[45500]	[50200]	[54100]	[69500]	[73900]	[87400]	[105000]	[126000]	[131000]	[149000]	[165000]	[182000]	[216000]	[253000]	[283000]	[324000]	[363000]
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
..	[11500]	[12300]	[12900]	[15400]	[14300]	[13700]	[14000]	[15500]	[15700]	[18000]	[20200]	[22200]	[26200]	[30900]	[34200]	[37700]	
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
..	[2.8]	[2.7]	[2.5]	[2.7]	[2.1]	[1.9]	[1.8]	[1.8]	[1.7]	[1.9]	[2]	[2]	[2.2]	[2.3]	[2.3]	[2.4]	

Comments: Figures for China are for estimated total military expenditures. On the estimates in local currency and share of GDP for the period 1989-98, see Sh aoguang Wang, 'The military expenditure of China, 1989-98', SIPRI Yearbook 1999: Armaments, Disarmament and International Security (Oxford University Press: Oxford, 1999), pp. 334-49. The estimates for the years 1999-2002 are based on the percentage change in official military expenditure and on the assumption of a gradual decrease in the commercial earnings of the People's Liberation Army (PLA).

Italy																	
Military expenditure in million of euros																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
13189.8	14121	14464.4	15592.4	15913.6	16714.6	16957.9	16299.9	18680.2	19987.4	21052.3	22239.7	24325.1	24592	25887	26795	27476	25107
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
26235	26440	25433	25792	25050	25184	24561	22432	24727	25928	26785	27833	29690	29201	29998	30242	30341	27196
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
2.3	2.3	2.1	2.1	2	2.1	2	1.8	1.9	1.9	2	2	2.1	2	2.1	2.1	2	

Germany																	
Military expenditure in million of euros																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
31515	32302	34960	33530	33508	31459	30144	30159	29998	29451	29822	30603	30554	30648	31168	31060	30610	30435
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
48697	48564	51180	48270	45912	41272	38484	37852	37124	35768	35886	36612	36021	35432	35546	35055	33980	33187
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
2.9	2.8	2.8	2.2	2	1.9	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	

Japan																	
Military expenditure in million of yen																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
3654575	3864925	4099425	4329325	4510350	4618400	4672775	4713575	4815025	4922000	4941650	4934075	4934900	4950425	4955825	4953750	4915500	4867750
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
35397	36600	37668	38532	39462	39895	40082	40483	41298	41497	41391	41468	41755	42180	42627	42729	42395	42081
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
1	.9	.9	.9	.9	1	1	.9	.9	.9	1	1	1	1	1	1	1	
Comments: Figures for Japan are for adopted budget, include the Special Action Committee on Okinawa (SACO) and exclude military pensions.																	

Canada																	
Military expenditure in million of dollars																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
12180.75	12724.5	13318.25	12990.75	13040.75	13247.5	13079.25	12594.75	11747.5	11001	11494.75	12199	12325.5	12971.75	13332	13952	14749	15379.25
Military expenditure in constant(2003)US\$ m.																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
12545	12482	12470	11517	11389	11360	11193	10552	9687	8931	9242	9642	9483	9730	9781	9959	10338	10568
Military expenditure as percentage of gross domestic product																	
1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
2	1.9	2	1.9	1.9	1.8	1.7	1.6	1.4	1.2	1.3	1.2	1.1	1.2	1.2	1.1	1.1	

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