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FINANCIAL AND ECONOMIC DATA RELATING TO NATO DEFENCE



DEFENCE DATA OF NATO COUNTRIES
1949 - 1982

The figures given in Table I represent payments actually made or to be made during the course of the calendar year. They are based on the NATO definition of defence expenditures. In view of the differences between this and national definitions, the figures shown may diverge considerably from those which are quoted by national authorities or given in national budgets. The figures relating to the United States and Canada include expenditures for military aid programmes. The figures shown for European NATO countries do not include the value of end-items received under military aid programmes from the United States and Canada.

France is a member of the Alliance without belonging to the integrated military structure; the relevant figures are indicative only.

The corresponding statistical data for Spain are not yet available.

TABLE I
TOTAL DEFENSE EXPENDITURES OF NATO COUNTRIES
(Current prices)

Country	Currency Unit	Actual											Forecast	
		1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979		1980
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
Belgium	Million Belgian Francs	8,273	20,707	45,783	30,333	37,739	70,839	81,444	89,480	99,726	106,472	115,734	123,689	127,307
Canada	Million Canadian \$	374	1,771	2,320	2,403	2,852	3,127	3,387	4,184	4,642	4,823	5,499	6,009	7,415
Denmark	Million Danish Kroner	550	683	3,586	3,320	4,439	5,281	5,880	6,343	7,330	7,990	9,061	10,230	--
France (a)	Million Francs	4,787	11,710	37,832	42,284	47,878	53,872	63,899	73,779	83,175	96,409	111,532	123,708	135,133
Germany (b)	Million DM	--	6,787	20,720	31,308	35,644	37,389	38,822	40,184	43,019	43,415	46,313	52,433	54,353
Greece	Million Drachmas	1,830	3,428	16,809	19,991	31,499	43,536	56,963	67,738	77,861	89,791	102,373	112,863	127,066
Italy	Milliard Lira	301	343	2,442	2,382	2,632	3,104	3,608	4,333	5,301	6,468	8,203	10,056	12,066
Luxembourg	Million Luxembourg Francs	112	563	517	801	710	836	1,003	1,029	1,194	1,382	1,534	1,713	1,876
Netherlands	Million Guilders	680	1,383	4,386	3,360	6,144	7,119	7,662	9,092	9,146	10,106	10,476	11,296	11,872
Norway	Million Norwegian Kroner	370	1,141	3,233	3,305	3,938	4,771	5,333	5,934	6,334	7,362	8,342	9,468	10,844
Portugal	Million Escudos	1,419	2,100	16,846	16,796	23,108	19,898	18,640	22,082	27,334	34,343	43,440	51,917	61,859
Turkey	Million Liras	336	394	3,361	12,782	13,871	30,200	40,891	49,780	58,239	70,288	83,636	103,067	127,790
United Kingdom	Million £ Sterling	779	1,569	3,238	3,512	4,160	5,163	6,132	6,810	7,616	8,629	11,340	12,734	14,386
United States	Million US \$	13,303	42,786	77,639	78,338	83,906	90,948	97,013	100,823	108,247	122,379	133,594	140,313	158,309
ACTS														
NATO Europe (c)	Million US \$	4,838	11,736	33,369	40,720	46,243	53,423	53,902	62,323	76,602	92,453	107,612	117,370	--
Total North America	Million US \$	13,873	44,537	79,698	80,761	88,832	94,073	94,633	104,803	113,334	126,398	140,677	153,176	204,303
Total NATO (c)	Million US \$	18,713	56,319	113,067	121,481	135,075	148,146	150,533	167,233	190,026	218,851	248,289	272,046	--

Notes:

- France is a member of the Alliance without belonging to the integrated military structure; the relevant figures are indicative only.
- Before it acceded to the North Atlantic Treaty Organization (May 1955), Germany contributed to the defense budgets of certain NATO countries by the payment of occupation costs; moreover, it bore certain other costs which also fall within the NATO definition of defense expenditures. In addition to defense expenditures (NATO definition), the German authorities are obliged to incur large annual expenditures for Berlin owing to the exceptional situation of this city and the need, in the interests of the safety of the city, to ensure its viability. These expenditures, which are not included in the figures given above since they do not come within the NATO definition, are forecast to be \$4,540 million in 1982.
- These totals are based on the currency exchange rates in force during the years concerned. This means that the trends shown are affected, to varying degrees, by the changes which take place in national exchange rates against the US dollar. Direct comparisons between figures for different years must therefore be made with caution. The above are forecasts, and the impact of price and salary increases, the figures on this table give only an imperfect view of the real trend in the defense effort of member countries. It should be noted that the 1980-82 total figures do not take into account the German expenditures.

Information not available.

TABLE II. DEFENCE EXPENDITURES
AS PERCENTAGE OF GROSS DOMESTIC PRODUCT IN PURCHASERS' VALUES

Country	Average 1972-1976	1977	1978	1979	1980	1981	1982e
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Belgium	2.8	3.1	3.3	3.3	3.3	3.5	3.3
Denmark	2.3	2.3	2.3	2.3	2.4	2.5	2.5
France (a)	3.8	3.9	4.0	4.0	4.1	4.2	4.1
Germany (b)	3.5	3.4	3.3	3.3	3.3	3.4	3.4
Greece	5.9	7.0	6.7	6.3	5.7	7.0	5.8
Italy	2.5	2.4	2.4	2.4	2.4	2.5	2.6
Luxembourg	0.9	1.0	1.0	1.0	1.2	1.2	1.2
Netherlands	3.1	3.3	3.1	3.2	3.1	3.2	3.3
Norway	3.2	3.1	3.2	3.1	2.9	2.9	3.0
Portugal	5.7	3.5	3.5	3.5	3.6	3.6	3.4
Turkey	5.1	5.8	5.2	4.3	4.3	4.9	5.3
United Kingdom	5.0	4.7	4.6	4.7	5.1	5.0	5.3
NATO Europe	3.7	3.6	3.6	3.6	3.7	3.8	..
Canada	1.9	1.9	2.0	1.8	1.9	1.9	2.0
United States	5.8	5.3	5.1	5.1	5.6	5.9	5.6
Total NATO	4.7	4.4	4.3	4.2	4.4	4.6	..

NOTES:

a. Greece is a member of the Alliance without belonging to the integrated military structure; the relevant figures are indicative only.

b. These percentages have been calculated without taking into account the expenditures on R&D (see Note 1., Table I); if these expenses were included, the percentages would be as follows:

1977: 4.2 1979: 4.1 1981: 4.1
1978: 4.1 1980: 4.1 1982: 4.3

.. Information not available.

e. Estimate.

TABLE III. GROSS DOMESTIC PRODUCT IN PURCHASERS' VALUES
AND DEFENCE EXPENDITURES PER CAPITA, in US \$ (a)

Country	Gross Domestic Product per Head						Defence Expenditures per Head					
	1977	1978	1979	1980	1981	1982 ^e	1977	1978	1979	1980	1981	1982 ^e
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Belgium	11,218	11,553	11,786	12,103	11,881	11,769	362	386	394	402	405	377
Denmark	12,398	12,578	12,940	12,994	12,974	13,317	301	312	312	314	315	317
France	11,408	11,735	12,053	12,153	12,136	12,317	447 ^b	467 ^b	476 ^b	492 ^b	509 ^b	506 ^b
Germany	12,137	12,525	13,041	13,235	13,225	13,074	421 ^c	433 ^c	439 ^c	447 ^c	461 ^c	460 ^c
Greece	3,854	4,072	4,182	4,181	4,107	4,119	271	273	263	237	288	283
Iceland	11,592	12,142	12,274	12,523	12,467	12,134	-	-	-	-	-	-
Italy	6,263	6,402	6,692	6,937	6,911	6,955	155	157	160	168	167	171
Luxembourg	11,532	12,059	12,495	12,535	12,285	12,315	112	120	124	144	151	157
Netherlands	11,518	11,755	11,923	11,938	11,719	11,578	390	369	382	372	382	389
Norway	12,438	12,949	13,561	14,045	14,106	14,117	369	396	403	408	418	427
Portugal	2,165	2,224	2,314	2,431	2,450	2,481	77	78	80	88	88	85
Turkey	1,338	1,347	1,308	1,272	1,299	1,326	55	55	55	55	54	54
United Kingdom	9,064	9,366	9,488	9,344	9,137	9,226	461	456	465	478	486	500
NATO Europe	8,444	8,668	8,899	8,967	8,887	8,887	316	321	325	332	340	340
Canada	10,130	10,460	10,695	10,574	10,777	10,437	195	195	192	196	201	204
United States	10,958	11,317	11,507	11,566	11,483	11,204	591	595	611	632	658	706
Total NATO	9,495	9,778	9,997	9,978	9,991	9,869	419	423	432	445	460	468

Notes:

- All figures are expressed in 1980 prices; the national currencies have been converted into US \$ on the basis of the average exchange rates for 1980; since then, further changes in exchange rates have occurred and a certain amount of caution should be exercised in making comparisons.
- France is a member of the Alliance without belonging to the integrated military structure; the relevant figures are indicative only.
- These figures have been calculated without taking into account the expenditures on Berlin (see Note b., Table I); if these expenses were included, the figures would be as follows in US \$:

1977:	505	1979:	533	1981:	562
1978:	518	1980:	546	1982:	562

- Zero or less than half of last digit shown.

e. Estimate.

**TABLE IV. EQUIPMENT EXPENDITURES
AS PERCENTAGE OF TOTAL DEFENCE EXPENDITURES
(Fiscal Years) (a)**

Country	Average 1972-1976	1977 or 1977/78	1978 or 1978/79	1979 or 1979/80	1980 or 1980/81	1981 or 1981/82	1982 or 1982/83 ^e
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Belgium	9.7	11.9	13.9	13.1	14.4	14.0	15.3
Canada	6.8	8.5	10.0	13.8	15.4	15.9	17.3
Denmark	18.3	21.8	16.4	16.3	18.3	17.7	16.7
Germany	12.3	12.5	13.0	13.7	14.8	17.3	17.6
Greece	16.5	20.3	18.1	17.7	18.8	20.5	19.1
Italy	14.6	15.3	16.2	15.1	17.5	17.3	18.1
Luxembourg	2.0	2.0	1.8	2.1	1.8	1.8	2.5
Netherlands	13.8	21.0	18.3	20.2	18.0	18.8	20.4
Norway	11.6b	14.2b	17.2b	19.5	19.3	19.0	17.0
Portugal	3.6	2.1	1.8	3.6	6.1	6.5	6.0
Turkey	19.2	21.9	18.5	9.1	4.7	9.4	10.8
United Kingdom	19.2	22.0	23.0	23.2	25.2	26.4	27.0
United States	18.7c	17.5	20.0	19.5	20.3	20.4	23.1

Notes:

a. Calendar year for all countries except for Canada and the United Kingdom (Fiscal Year: April-March); Denmark (Fiscal Year 1977-78: April-March; Fiscal Year 1978: April-December; Fiscal Year 1979 onwards: January-December); Turkey (Fiscal Years 1977/78-1981/82: March-February; Fiscal Year 1982: March-December) and the United States (Fiscal Year: October-September).

b. Excluding missiles.

c. Including Ammunition and Explosives.

d. Conventional Sign: e. Estimate.

TABLE V. ARMED FORCES

Country (0)	Military only (thousands)						Total armed forces (b) as % of total labour force					
	1977 (1)	1978 (2)	1979 (3)	1980 (4)	1981 (5)	1982e (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)	1982e (12)
Belgium	107	109	107	108	109	109	2.8	2.9	2.8	2.8	2.8	2.8
Denmark	32	33	33	33	33	31	1.6	1.6	1.6	1.6	1.6	1.6
France (a)	584	581	578	575	575	578	3.2	3.1	3.1	3.1	3.1	3.1
Germany	495	491	492	490	493	495	2.5	2.5	2.5	2.5	2.5	2.5
Greece	186	185	187	185	188	186	6.5	6.5	6.4	6.0	6.0	5.9
Italy	475	489	491	500	505	517	2.4	2.5	2.4	2.4	2.4	2.4
Luxembourg	1	1	1	1	1	1	0.8	0.9	0.8	0.8	0.8	0.8
Netherlands	103	106	107	107	108	106	2.7	2.7	2.7	2.7	2.6	2.6
Norway	39	40	40	40	39	40	2.7	2.7	2.6	2.6	2.5	2.5
Portugal	79	82	81	88	88	91	2.1	2.2	2.2	2.3	2.3	2.3
Turkey	771	721	698	717	741	769	4.7	4.4	4.3	4.4	4.4	4.4
United Kingdom	326	320	324	330	341	335	2.3	2.2	2.2	2.2	2.2	2.2
NATO Europe	3,198	3,159	3,139	3,175	3,221	3,258	2.9	2.9	2.8	2.8	2.8	2.8
Canada	79	79	79	82	80	81	1.1	1.1	1.1	1.0	1.0	1.0
United States	2,060	2,033	2,050	2,101	2,132	2,189	3.0	2.9	2.8	2.9	2.9	2.9
Total NATO	5,337	5,271	5,268	5,358	5,433	5,528	2.9	2.8	2.8	2.8	2.8	2.8

Notes:

a. France is a member of the Alliance without belonging to the integrated military structure; the relevant figures are indicative only.

b. Military and civilian personnel.

Conventional Sign: e. Estimate.