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Defence Expenditure of NATO Countries (2011-2018)

NATO collects defence expenditure data from Allies on a regular basis and presents aggregates and subsets of this information. Each Ally's Ministry of Defence reports current and estimated future defence expenditure according to an agreed definition of defence expenditure. The amounts represent payments by a national government actually made, or to be made, during the course of the fiscal year to meet the needs of its armed forces, those of Allies or of the Alliance. In the figures and tables that follow, NATO also uses up-to-date economic and demographic information available from the Directorate-General for Economic and Financial Affairs of the European Commission (DG-ECFIN), and the Organisation for Economic Co-operation and Development (OECD).

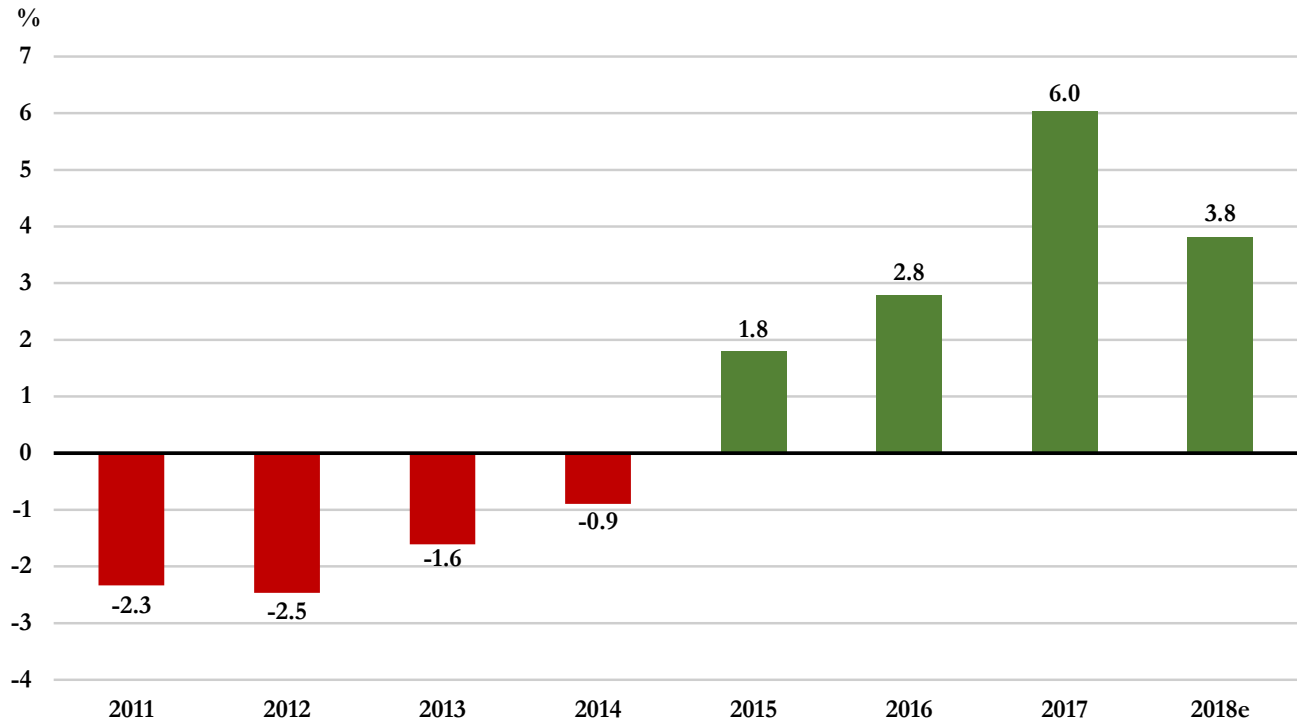
In view of differences between both these sources and national GDP forecasts, and also the definition of NATO defence expenditure and national definitions, the figures shown in this report may diverge considerably from those which are quoted by media, published by national authorities or given in national budgets. Equipment expenditure includes expenditure on major equipment as well as on research and development devoted to major equipment. Personnel expenditure includes pensions paid to retirees.

The cut-off date for information used in this report was 12 February 2019. Figures for 2018 are estimates.

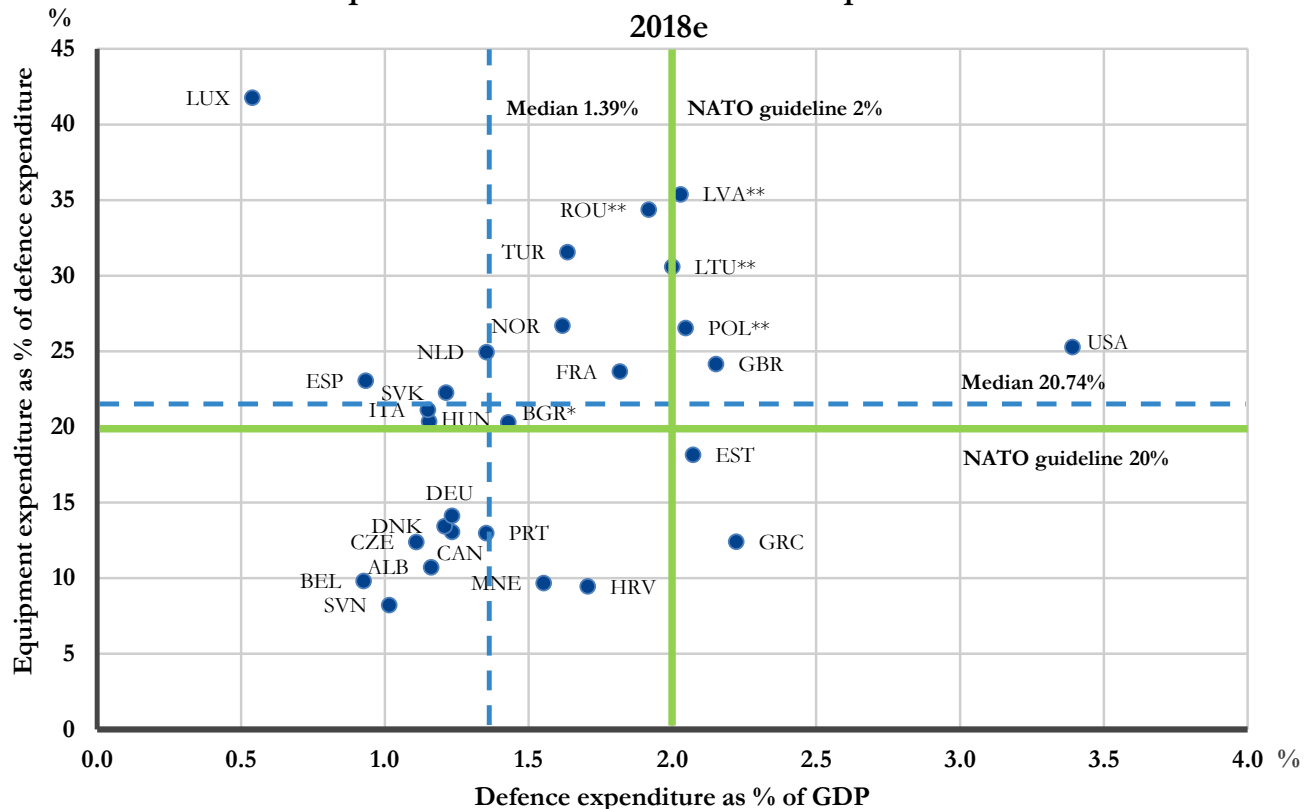
News and information is routinely placed on the NATO website. This includes audio files, transcripts and high resolution photographs, which are posted as soon as possible after events of media interest. Check the 'What's New' file.
Nouvelles et informations sont régulièrement affichées sur le site Web de l'OTAN, sous la forme de fichiers audio, de transcriptions et de photographies destinées à la publication. Elles sont disponibles le plus rapidement possible après les événements présentant un intérêt pour les médias. Cliquer sur "Quoi de neuf?"

Graph 1 : NATO Europe and Canada - defence expenditure

(annual real change, based on 2010 prices and exchange rates)



Graph 2 : Defence expenditure as a share of GDP versus equipment expenditure as a share of defence expenditure



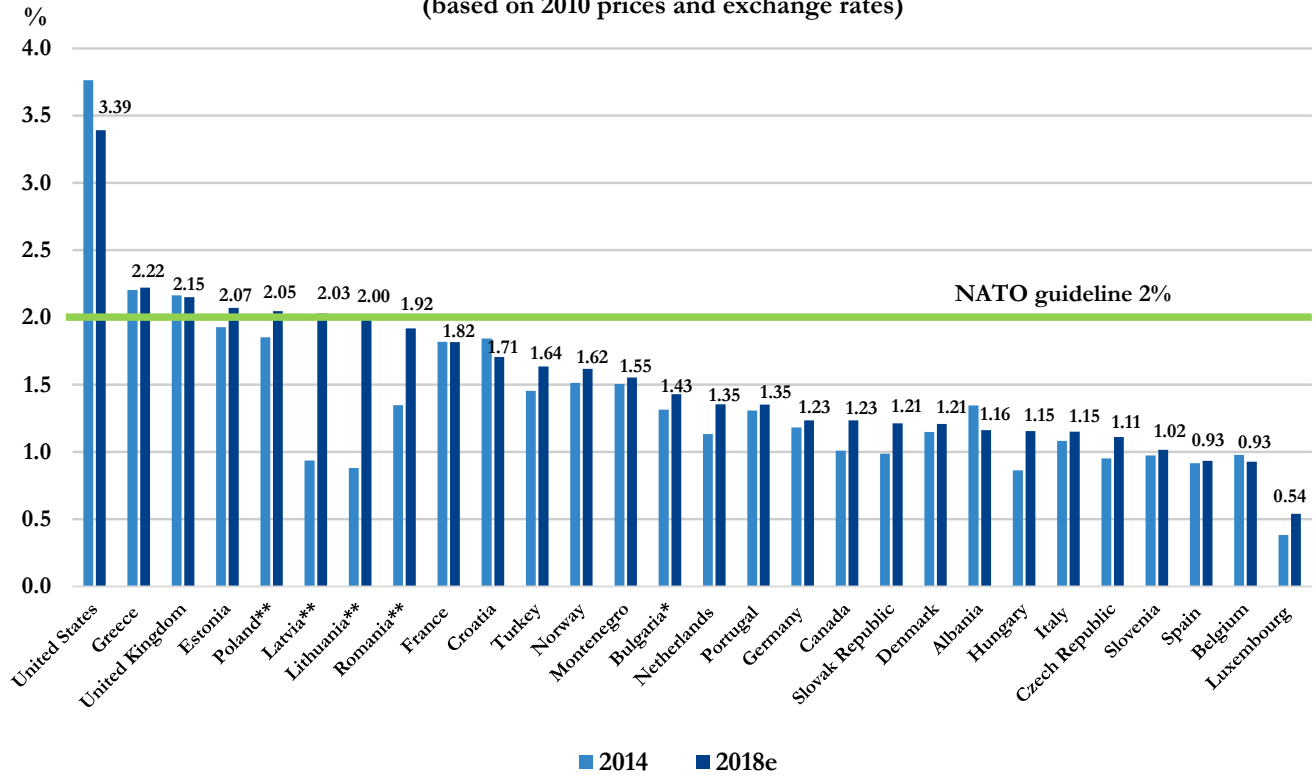
Notes: Figures for 2018 are estimates. The NATO Europe and Canada aggregate from 2017 includes Montenegro, which became an Ally on 5 June 2017.

* Defence expenditure does not include pensions.

** With regard to 2018, these countries have either national laws or political agreements which call for at least 2% of GDP to be spent on defence annually, consequently these estimates are expected to change accordingly.

Graph 3 : Defence expenditure as a share of GDP (%)

(based on 2010 prices and exchange rates)



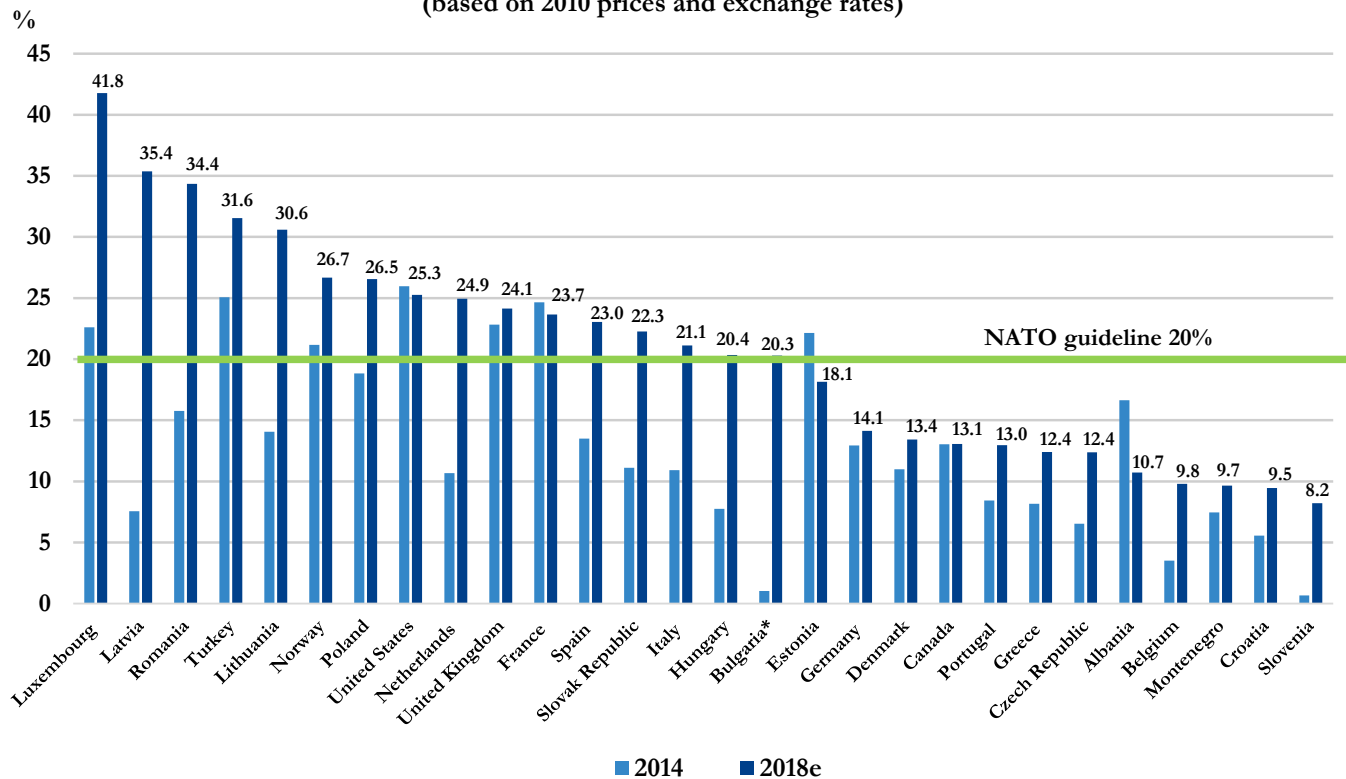
Notes: Figures for 2018 are estimates.

* Defence expenditure does not include pensions.

** With regard to 2018, these countries have either national laws or political agreements which call for at least 2% of GDP to be spent on defence annually, consequently these estimates are expected to change accordingly.

Graph 4 : Equipment expenditure as a share of defence expenditure (%)

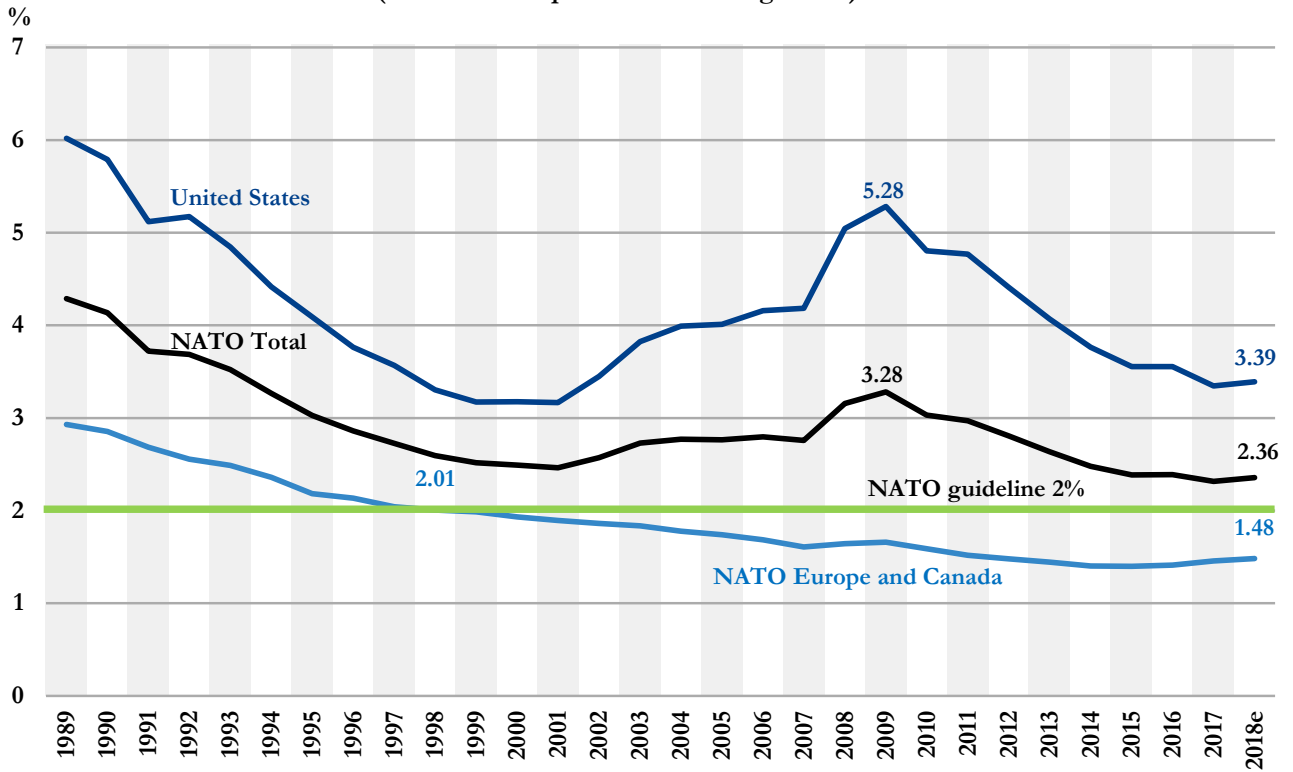
(based on 2010 prices and exchange rates)



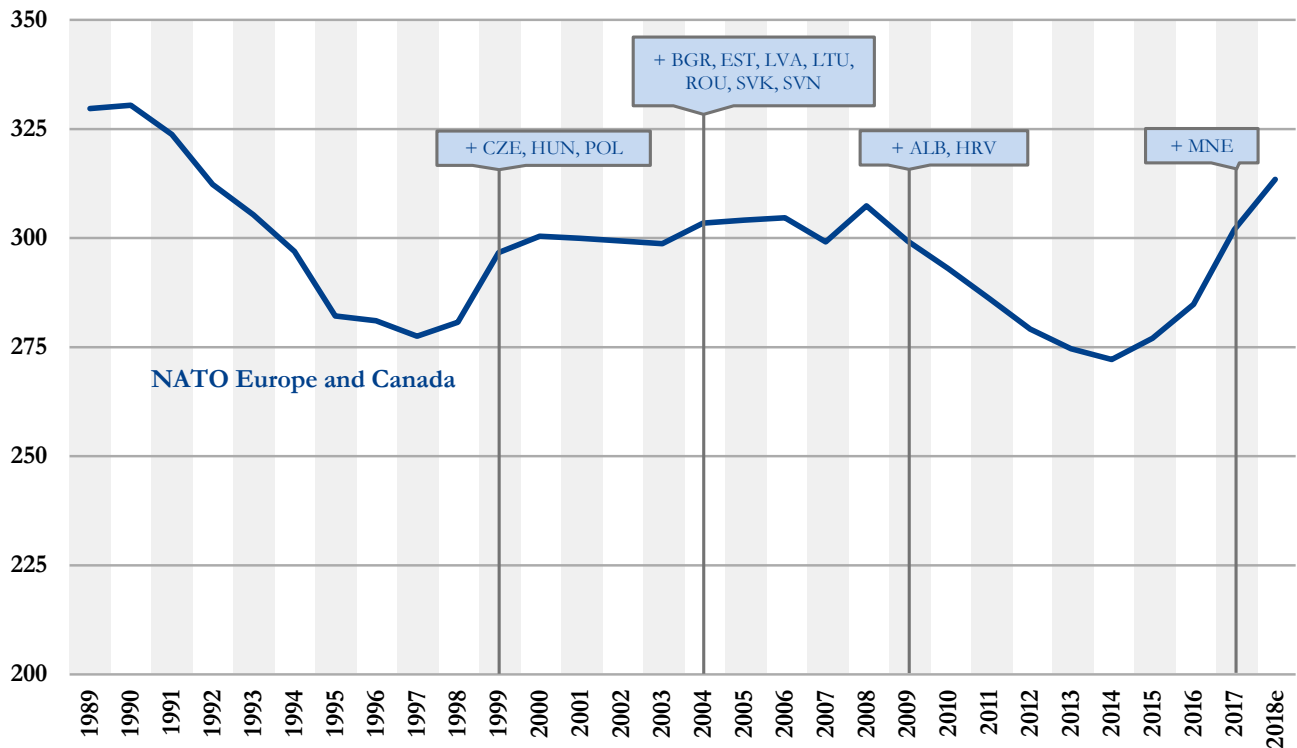
Notes: Figures for 2018 are estimates.

* Defence expenditure does not include pensions.

Graph 5 : Defence expenditure as a share of GDP (%)
(based on 2010 prices and exchange rates)

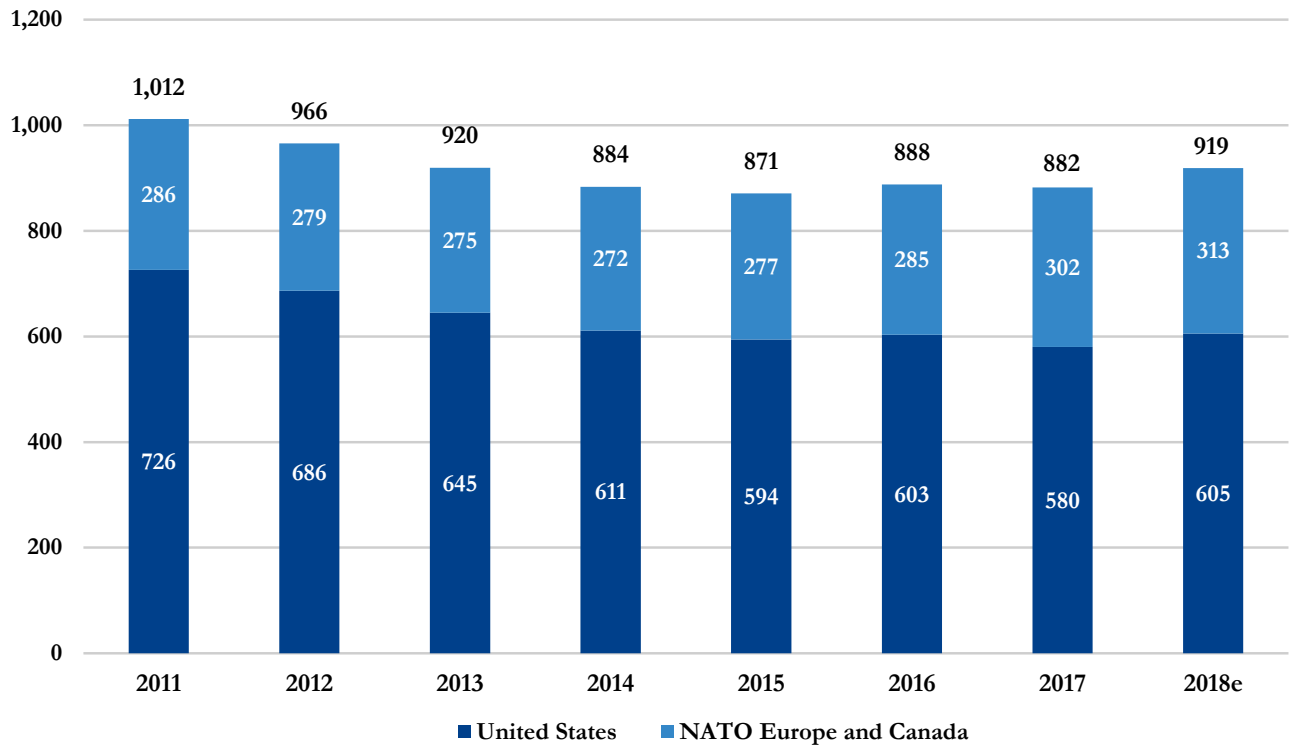


Graph 6 : NATO Europe and Canada - defence expenditure
(billion US dollars, based on 2010 prices and exchange rates)

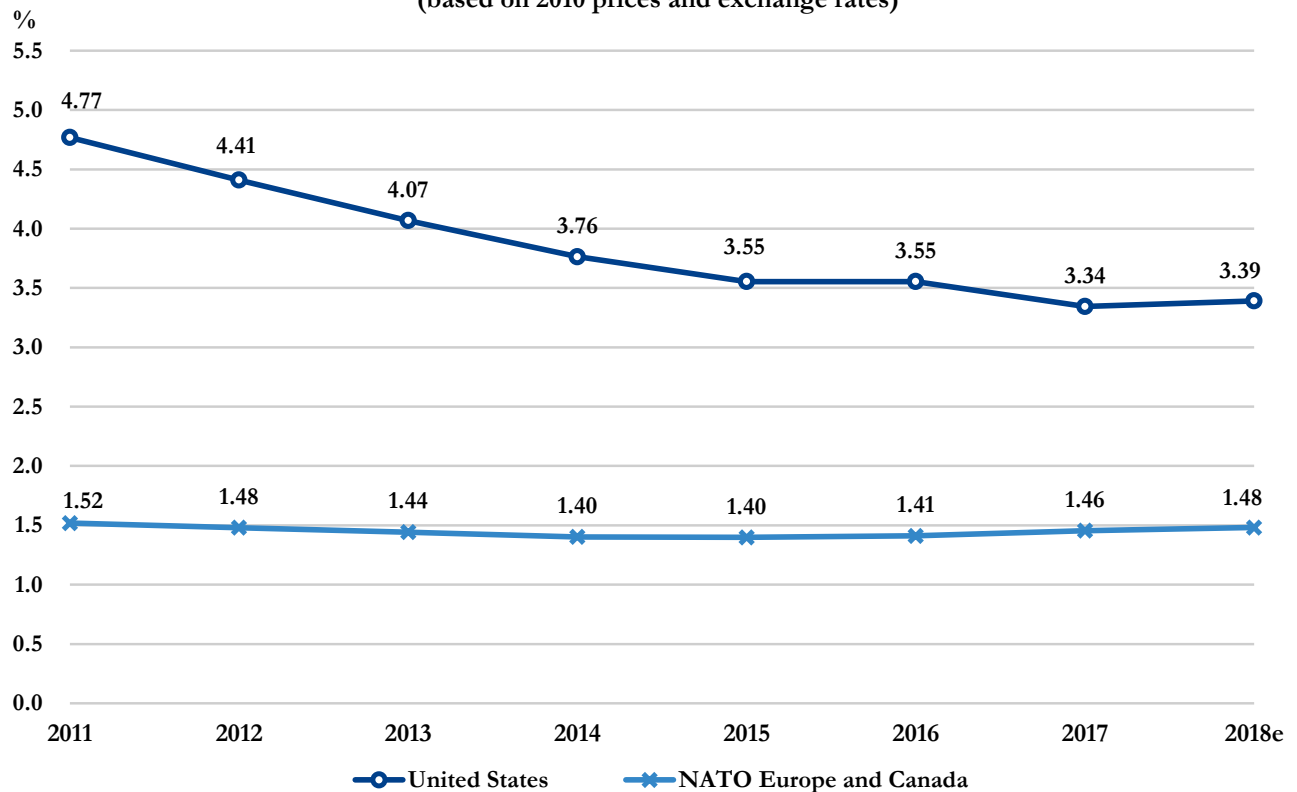


Notes: Includes enlargements which took place in: 1999 (3 Allies), 2004 (7 Allies), 2009 (2 Allies) and 2017 (1 Ally). Figures for 2018 are estimates.

Graph 7 : Defence expenditure
 (billion US dollars, based on 2010 prices and exchange rates)



Graph 8 : Defence expenditure as a share of GDP (%)
 (based on 2010 prices and exchange rates)



Notes: Figures for 2018 are estimates. The NATO Europe and Canada aggregate from 2017 includes Montenegro, which became an Ally on 5 June 2017.

Table 1 : Defence expenditure

Million national currency units

	2011	2012	2013	2014	2015	2016	2017	2018e
Current prices								
Albania (Leks)	19,877	19,820	19,022	18,788	16,671	16,250	17,199	19,492
Belgium (Euros)	3,956	4,023	3,964	3,913	3,789	3,901	3,997	4,199
Bulgaria* (Leva)	1,066	1,099	1,196	1,102	1,116	1,186	1,255	1,535
Canada (Canadian dollars)	21,808	19,978	18,764	20,076	23,900	23,474	30,207	27,559
Croatia (Kunas)	5,323	5,059	4,848	6,113	6,057	5,696	6,120	6,560
Czech Republic (Koruny)	43,131	42,780	42,035	41,003	47,264	45,598	52,714	58,810
Denmark (Kroner)	24,259	25,618	23,682	22,769	22,633	24,190	24,961	26,700
Estonia (Euros)	280	340	361	386	418	450	479	524
France (Euros)	38,443	39,105	39,402	39,149	39,199	39,950	40,852	42,748
Germany (Euros)	34,630	36,168	34,593	34,749	35,898	37,598	40,447	41,913
Greece (Euros)	4,934	4,384	3,999	3,939	4,073	4,190	4,213	4,111
Hungary (Forint)	295,967	297,650	286,341	281,402	316,338	362,798	402,793	484,031
Italy (Euros)	21,741	20,600	20,078	18,427	17,642	20,226	21,166	21,183
Latvia** (Euros)	206	193	212	221	254	364	470	594
Lithuania** (Euros)	248	252	267	322	425	575	724	895
Luxembourg (Euros)	167	167	176	190	225	213	288	316
Montenegro (Euros)	57	53	49	52	51	56	59	71
Netherlands (Euros)	8,156	8,067	7,702	7,788	7,816	8,234	8,686	10,701
Norway (Kroner)	40,534	41,560	43,518	46,234	46,900	50,937	53,460	57,791
Poland** (Zlotys)	26,979	28,365	28,467	31,874	39,940	37,082	37,558	43,082
Portugal (Euros)	2,627	2,366	2,457	2,263	2,384	2,364	2,398	2,728
Romania** (New Lei)	7,255	7,282	8,160	9,014	10,337	10,738	14,765	18,165
Slovak Republic (Euros)	766	794	729	752	889	907	935	1,098
Slovenia (Euros)	479	423	382	366	361	406	422	466
Spain (Euros)	10,059	10,828	9,495	9,508	10,000	9,014	10,528	11,276
Turkey (Liras)	22,807	24,956	27,466	29,727	32,522	38,203	47,323	60,925
United Kingdom (Pounds)	39,204	36,563	39,824	39,902	38,940	41,590	43,257	45,421
United States (US dollars)	740,744	712,947	680,856	653,942	641,253	656,059	642,936	684,360
Constant 2010 prices								
Albania (Leks)	19,427	19,172	18,347	17,845	15,745	15,422	16,101	17,576
Belgium (Euros)	3,879	3,868	3,772	3,697	3,544	3,584	3,612	3,733
Bulgaria* (Leva)	1,006	1,021	1,119	1,026	1,017	1,057	1,082	1,289
Canada (Canadian dollars)	21,123	19,117	17,676	18,546	22,246	21,717	27,325	24,450
Croatia (Kunas)	5,236	4,901	4,660	5,875	5,819	5,476	5,820	6,099
Czech Republic (Koruny)	43,121	42,154	40,836	38,869	44,288	42,193	48,077	52,668
Denmark (Kroner)	24,105	24,865	22,783	21,681	21,458	22,771	23,170	24,711
Estonia (Euros)	266	313	321	333	357	379	389	410
France (Euros)	38,081	38,292	38,286	37,822	37,443	38,087	38,691	40,109
Germany (Euros)	34,259	35,240	33,056	32,633	33,056	34,156	36,187	36,802
Greece (Euros)	4,894	4,365	4,078	4,091	4,246	4,378	4,377	4,249
Hungary (Forint)	289,420	281,929	263,697	250,477	276,151	313,617	336,109	386,625
Italy (Euros)	20,949	19,521	18,526	16,709	15,735	17,632	18,331	18,544
Latvia** (Euros)	194	175	189	194	223	317	396	484
Lithuania** (Euros)	235	233	244	291	383	511	617	743
Luxembourg (Euros)	159	155	161	170	201	189	250	267
Montenegro (Euros)	57	52	48	50	48	50	50	60
Netherlands (Euros)	8,057	7,827	7,359	7,374	7,393	7,721	8,024	9,699
Norway (Kroner)	39,465	39,622	40,244	41,985	41,299	44,006	45,077	47,932
Poland** (Zlotys)	26,135	26,847	26,865	29,931	37,220	34,449	34,222	39,029
Portugal (Euros)	2,634	2,382	2,418	2,211	2,283	2,225	2,223	2,494
Romania** (New Lei)	6,991	6,746	7,312	7,938	8,872	8,995	11,821	13,654
Slovak Republic (Euros)	754	771	705	728	862	883	899	1,032
Slovenia (Euros)	474	416	370	352	344	384	393	424
Spain (Euros)	10,056	10,817	9,452	9,484	9,923	8,919	10,290	10,920
Turkey (Liras)	20,994	21,376	22,225	22,351	22,640	24,611	27,489	30,480
United Kingdom (Pounds)	38,466	35,323	37,768	37,205	36,151	37,831	38,566	39,736
United States (US dollars)	725,959	686,410	644,939	611,382	593,960	603,175	580,184	605,371

Notes: Figures for 2018 are estimates.

* Defence expenditure does not include pensions.

** With regard to 2018, these countries have either national laws or political agreements which call for at least 2% of GDP to be spent on defence annually, consequently these estimates are expected to change accordingly.

Table 2 : Defence expenditure

Million US dollars

	2011	2012	2013	2014	2015	2016	2017	2018e
Current prices and exchange rates								
NATO Europe	281,525	264,517	269,434	270,430	235,336	237,326	250,862	281,665
Albania	197	183	180	178	132	131	144	181
Belgium	5,500	5,169	5,264	5,192	4,202	4,315	4,504	5,029
Bulgaria*	758	722	811	747	633	671	723	937
Croatia	996	865	850	1,064	883	837	924	1,057
Czech Republic	2,437	2,185	2,148	1,975	1,921	1,866	2,255	2,754
Denmark	4,518	4,423	4,217	4,057	3,364	3,593	3,780	4,279
Estonia	389	437	480	513	463	497	540	627
France	53,441	50,245	52,316	51,940	43,474	44,191	46,036	51,200
Germany	48,140	46,470	45,931	46,102	39,813	41,590	45,580	50,199
Greece	6,858	5,633	5,309	5,226	4,517	4,635	4,748	4,924
Hungary	1,472	1,322	1,280	1,210	1,132	1,289	1,468	1,820
Italy	30,223	26,468	26,658	24,448	19,566	22,373	23,852	25,371
Latvia**	286	248	281	293	281	403	530	711
Lithuania**	344	324	355	427	471	636	816	1,071
Luxembourg	232	214	234	253	249	236	325	378
Montenegro	80	68	65	69	57	62	66	85
Netherlands	11,339	10,365	10,226	10,332	8,668	9,108	9,788	12,817
Norway	7,232	7,143	7,407	7,337	5,816	6,064	6,463	7,222
Poland**	8,947	9,574	9,007	10,104	10,596	9,405	9,938	12,156
Portugal	3,652	3,040	3,262	3,003	2,644	2,615	2,702	3,267
Romania**	2,380	2,100	2,452	2,691	2,581	2,645	3,643	4,678
Slovak Republic	1,065	1,020	968	997	986	1,003	1,053	1,316
Slovenia	666	543	507	486	401	449	476	558
Spain	13,984	13,912	12,607	12,614	11,090	9,971	11,864	13,506
Turkey	13,616	13,895	14,427	13,583	11,957	12,649	12,972	13,898
United Kingdom	62,852	58,016	62,258	65,658	59,492	56,154	55,672	61,622
North America	762,784	732,941	699,077	672,092	659,938	673,770	666,213	705,843
Canada	22,040	19,994	18,221	18,150	18,685	17,711	23,277	21,483
United States	740,744	712,947	680,856	653,942	641,253	656,059	642,936	684,360
NATO Total	1,044,308	997,459	968,512	942,522	895,274	911,096	917,075	987,508
Constant 2010 prices and exchange rates								
NATO Europe	265,661	260,551	257,465	254,164	255,451	263,686	275,405	289,697
Albania	187	184	177	172	151	148	155	169
Belgium	5,137	5,123	4,996	4,896	4,694	4,747	4,784	4,944
Bulgaria*	681	691	757	694	689	715	732	873
Croatia	952	891	848	1,068	1,058	996	1,059	1,109
Czech Republic	2,258	2,207	2,138	2,035	2,319	2,209	2,517	2,758
Denmark	4,286	4,421	4,051	3,855	3,816	4,049	4,120	4,394
Estonia	352	414	426	442	473	502	515	543
France	50,436	50,715	50,706	50,091	49,590	50,443	51,243	53,121
Germany	45,374	46,673	43,780	43,220	43,781	45,237	47,927	48,741
Greece	6,482	5,782	5,401	5,419	5,623	5,799	5,796	5,627
Hungary	1,392	1,356	1,268	1,205	1,328	1,508	1,616	1,859
Italy	27,746	25,853	24,536	22,130	20,840	23,352	24,278	24,560
Latvia**	256	232	250	257	295	419	525	641
Lithuania**	312	309	323	385	507	676	817	984
Luxembourg	210	206	213	225	266	250	331	353
Montenegro	75	69	63	66	64	66	67	79
Netherlands	10,670	10,367	9,747	9,766	9,791	10,225	10,627	12,845
Norway	6,530	6,556	6,659	6,947	6,833	7,281	7,458	7,931
Poland**	8,376	8,605	8,610	9,593	11,929	11,041	10,968	12,509
Portugal	3,489	3,155	3,203	2,929	3,023	2,946	2,944	3,303
Romania**	2,200	2,123	2,301	2,498	2,792	2,831	3,720	4,296
Slovak Republic	999	1,022	934	964	1,142	1,170	1,190	1,367
Slovenia	627	551	490	467	455	508	520	562
Spain	13,319	14,327	12,519	12,560	13,143	11,812	13,628	14,462
Turkey	13,970	14,224	14,789	14,873	15,065	16,377	18,292	20,282
United Kingdom	59,422	54,566	58,344	57,475	55,846	58,441	59,576	61,384
North America	746,463	704,967	662,097	629,384	615,554	624,255	606,708	629,104
Canada	20,504	18,557	17,158	18,002	21,594	21,081	26,524	23,733
United States	725,959	686,410	644,939	611,382	593,960	603,175	580,184	605,371
NATO Total	1,012,124	965,518	919,562	883,549	871,005	887,941	882,114	918,801

Notes: Figures for 2018 are estimates. The NATO Europe and NATO Total aggregates from 2017 include Montenegro, which became an Ally on 5 June 2017.

* Defence expenditure does not include pensions.

** With regard to 2018, these countries have either national laws or political agreements which call for at least 2% of GDP to be spent on defence annually, consequently these estimates are expected to change accordingly.

Table 3 : Defence expenditure as a share of GDP and annual real change

Based on 2010 prices

	2011	2012	2013	2014	2015	2016	2017	2018e
Share of real GDP (%)								
NATO Europe	1.55	1.52	1.49	1.44	1.42	1.44	1.46	1.51
Albania	1.53	1.49	1.41	1.35	1.16	1.10	1.11	1.16
Belgium	1.04	1.04	1.01	0.98	0.92	0.92	0.91	0.93
Bulgaria*	1.32	1.34	1.46	1.32	1.26	1.26	1.24	1.43
Croatia	1.60	1.53	1.46	1.84	1.78	1.62	1.67	1.71
Czech Republic	1.07	1.05	1.03	0.95	1.03	0.96	1.04	1.11
Denmark	1.31	1.35	1.23	1.15	1.11	1.15	1.15	1.21
Estonia	1.68	1.90	1.91	1.93	2.02	2.07	2.03	2.07
France	1.87	1.87	1.86	1.82	1.78	1.79	1.78	1.82
Germany	1.28	1.31	1.22	1.18	1.18	1.19	1.23	1.23
Greece	2.38	2.29	2.21	2.20	2.30	2.37	2.34	2.22
Hungary	1.05	1.03	0.95	0.86	0.92	1.02	1.05	1.15
Italy	1.30	1.24	1.20	1.08	1.01	1.12	1.15	1.15
Latvia**	1.01	0.88	0.93	0.94	1.04	1.45	1.74	2.03
Lithuania**	0.79	0.76	0.76	0.88	1.14	1.48	1.72	2.00
Luxembourg	0.39	0.38	0.38	0.38	0.44	0.40	0.52	0.54
Montenegro	1.75	1.66	1.47	1.50	1.40	1.42	1.36	1.55
Netherlands	1.24	1.22	1.15	1.13	1.11	1.14	1.15	1.35
Norway	1.51	1.47	1.48	1.51	1.46	1.54	1.55	1.62
Poland**	1.72	1.74	1.72	1.85	2.22	1.99	1.89	2.05
Portugal	1.49	1.41	1.44	1.31	1.33	1.27	1.23	1.35
Romania**	1.30	1.23	1.28	1.35	1.45	1.40	1.72	1.92
Slovak Republic	1.09	1.09	0.98	0.99	1.13	1.12	1.10	1.21
Slovenia	1.30	1.17	1.05	0.97	0.93	1.01	0.98	1.02
Spain	0.94	1.04	0.93	0.92	0.92	0.81	0.90	0.93
Turkey	1.64	1.59	1.52	1.45	1.39	1.46	1.52	1.64
United Kingdom	2.38	2.16	2.26	2.16	2.05	2.11	2.12	2.15
North America	4.42	4.08	3.76	3.49	3.33	3.32	3.15	3.18
Canada	1.23	1.10	0.99	1.01	1.20	1.15	1.41	1.23
United States	4.77	4.41	4.07	3.76	3.55	3.55	3.34	3.39
NATO Total	2.97	2.80	2.64	2.48	2.39	2.39	2.32	2.36
Annual real change (%)								
NATO Europe	-3.15	-1.92	-1.18	-1.28	0.51	3.22	4.44	5.19
Albania	0.55	-1.32	-4.30	-2.74	-11.76	-2.05	4.40	9.16
Belgium	-2.07	-0.27	-2.48	-1.99	-4.13	1.13	0.77	3.36
Bulgaria*	-18.22	1.54	9.53	-8.29	-0.84	3.88	2.33	19.19
Croatia	3.55	-6.41	-4.91	26.07	-0.94	-5.90	6.28	4.79
Czech Republic	-15.13	-2.24	-3.13	-4.82	13.94	-4.73	13.94	9.55
Denmark	-4.83	3.15	-8.37	-4.84	-1.03	6.12	1.75	6.65
Estonia	6.04	17.71	2.72	3.75	7.12	6.11	2.55	5.40
France	-2.95	0.55	-0.02	-1.21	-1.00	1.72	1.59	3.67
Germany	-1.91	2.86	-6.20	-1.28	1.30	3.33	5.95	1.70
Greece	-17.97	-10.81	-6.59	0.33	3.77	3.12	-0.04	-2.92
Hungary	3.03	-2.59	-6.47	-5.01	10.25	13.57	7.17	15.03
Italy	-3.18	-6.82	-5.09	-9.81	-5.83	12.05	3.97	1.16
Latvia**	2.27	-9.53	7.94	2.55	14.79	42.29	25.14	22.12
Lithuania**	-4.32	-0.90	4.72	19.15	31.60	33.37	20.79	20.49
Luxembourg	-15.16	-2.29	3.70	5.33	18.60	-6.04	32.39	6.66
Montenegro	0.63	-8.11	-8.44	4.49	-3.50	4.33	0.28	18.43
Netherlands	-4.90	-2.84	-5.98	0.19	0.26	4.43	3.93	20.87
Norway	0.47	0.40	1.57	4.32	-1.63	6.55	2.43	6.33
Poland**	2.06	2.73	0.07	11.41	24.35	-7.44	-0.66	14.05
Portugal	-1.45	-9.56	1.51	-8.56	3.24	-2.55	-0.08	12.19
Romania**	5.44	-3.50	8.39	8.57	11.76	1.39	31.41	15.50
Slovak Republic	-12.23	2.31	-8.63	3.22	18.53	2.44	1.74	14.82
Slovenia	-18.77	-12.07	-11.19	-4.74	-2.39	11.55	2.34	8.07
Spain	-9.66	7.57	-12.62	0.33	4.64	-10.12	15.37	6.12
Turkey	-1.16	1.82	3.97	0.57	1.30	8.71	11.69	10.88
United Kingdom	-1.50	-8.17	6.92	-1.49	-2.83	4.65	1.94	3.03
North America	0.99	-5.56	-6.08	-4.94	-2.20	1.41	-2.81	3.69
Canada	9.71	-9.50	-7.54	4.92	19.95	-2.38	25.82	-10.52
United States	0.77	-5.45	-6.04	-5.20	-2.85	1.55	-3.81	4.34
NATO Total	-0.13	-4.60	-4.76	-3.92	-1.42	1.94	-0.66	4.16

Notes: Figures for 2018 are estimates. The NATO Europe and NATO Total aggregates from 2017 include Montenegro, which became an Ally on 5 June 2017.

* Defence expenditure does not include pensions.

** With regard to 2018, these countries have either national laws or political agreements which call for at least 2% of GDP to be spent on defence annually, consequently these estimates are expected to change accordingly.

Table 4 : Real GDP

Billion US dollars (2010 prices and exchange rates)

	2011	2012	2013	2014	2015	2016	2017	2018e
NATO Europe	17,173	17,167	17,295	17,628	18,002	18,355	18,862	19,230
Albania	12	12	13	13	13	13	14	15
Belgium	492	493	494	501	509	517	526	533
Bulgaria	52	52	52	53	55	57	59	61
Croatia	60	58	58	58	59	61	63	65
Czech Republic	211	209	208	214	226	231	241	248
Denmark	326	327	330	335	343	352	359	364
Estonia	21	22	22	23	23	24	25	26
France	2,699	2,710	2,726	2,753	2,781	2,812	2,876	2,923
Germany	3,536	3,561	3,583	3,661	3,715	3,795	3,888	3,949
Greece	272	252	244	246	245	244	248	253
Hungary	133	131	134	139	144	147	154	161
Iceland	14	14	15	15	16	17	18	18
Italy	2,138	2,077	2,041	2,044	2,061	2,081	2,114	2,135
Latvia	25	26	27	27	28	29	30	32
Lithuania	39	41	42	44	45	46	48	49
Luxembourg	55	54	56	59	61	63	64	65
Montenegro	4.3	4.2	4.3	4.4	4.5	4.7	4.9	5.1
Netherlands	859	850	850	862	879	897	924	949
Norway	433	445	450	459	468	473	483	490
Poland	486	494	501	518	538	554	581	611
Portugal	234	225	222	224	228	232	239	244
Romania	170	173	179	185	192	202	216	224
Slovak Republic	92	94	95	98	101	105	108	113
Slovenia	48	47	47	48	49	50	53	55
Spain	1,417	1,376	1,352	1,371	1,421	1,466	1,510	1,548
Turkey	854	895	974	1,023	1,083	1,118	1,201	1,240
United Kingdom	2,493	2,529	2,580	2,657	2,719	2,768	2,816	2,852
North America	16,889	17,260	17,589	18,027	18,513	18,800	19,232	19,774
Canada	1,664	1,693	1,735	1,785	1,802	1,828	1,884	1,924
United States	15,225	15,567	15,854	16,243	16,710	16,972	17,349	17,851
NATO Total	34,061	34,428	34,884	35,655	36,515	37,155	38,094	39,005

Notes: Figures for 2018 are estimates. The NATO Europe and NATO Total aggregates from 2017 include Montenegro, which became an Ally on 5 June 2017.

Table 5 : GDP per capita and defence expenditure per capita

	2010 prices and exchange rates							
	2011	2012	2013	2014	2015	2016	2017	2018e
GDP per capita (thousand US dollars)								
NATO Europe	30.8	30.7	30.8	31.3	31.8	32.3	33.1	33.6
Albania	4.2	4.3	4.3	4.4	4.5	4.7	4.9	5.1
Belgium	44.8	44.6	44.4	44.8	45.3	45.8	46.3	46.8
Bulgaria	7.0	7.1	7.1	7.3	7.6	8.0	8.3	8.7
Croatia	13.9	13.7	13.6	13.7	14.1	14.7	15.3	15.8
Czech Republic	20.1	19.9	19.8	20.3	21.4	21.9	22.8	23.4
Denmark	58.6	58.5	58.8	59.4	60.4	61.4	62.3	62.7
Estonia	15.8	16.5	16.9	17.4	17.8	18.4	19.3	19.9
France	41.3	41.3	41.3	41.5	41.8	42.1	42.9	43.4
Germany	44.1	44.3	44.4	45.2	45.5	46.1	47.0	47.5
Greece	24.5	22.8	22.3	22.6	22.6	22.7	23.1	23.7
Hungary	13.3	13.2	13.5	14.1	14.7	15.0	15.7	16.5
Iceland	43.7	44.0	45.4	45.9	47.4	50.2	51.0	52.5
Italy	35.6	34.4	33.6	33.6	33.9	34.3	34.9	35.3
Latvia	12.3	12.9	13.4	13.8	14.3	14.7	15.6	16.4
Lithuania	13.0	13.7	14.3	14.9	15.4	15.9	16.9	17.6
Luxembourg	105.0	102.2	103.3	105.2	107.3	107.1	106.4	107.1
Montenegro	6.9	6.7	6.9	7.0	7.3	7.5	7.9	8.2
Netherlands	51.5	50.8	50.6	51.1	51.9	52.7	53.9	55.0
Norway	87.5	88.7	88.5	89.3	90.1	90.4	91.5	92.1
Poland	12.6	12.8	13.0	13.5	14.0	14.4	15.1	15.9
Portugal	22.2	21.4	21.2	21.5	22.0	22.5	23.2	23.8
Romania	8.4	8.6	9.0	9.3	9.7	10.2	11.0	11.5
Slovak Republic	17.0	17.3	17.5	18.0	18.7	19.3	19.9	20.7
Slovenia	23.5	22.9	22.6	23.2	23.7	24.5	25.6	26.7
Spain	30.3	29.4	29.0	29.5	30.6	31.6	32.4	33.2
Turkey	11.6	11.9	12.9	13.3	14.0	14.3	15.2	15.5
United Kingdom	39.4	39.7	40.3	41.1	41.8	42.2	42.6	42.9
North America	48.7	49.4	50.0	50.9	51.9	52.3	53.1	54.2
Canada	48.5	48.7	49.4	50.2	50.3	50.4	51.3	51.9
United States	48.8	49.5	50.1	50.9	52.0	52.5	53.3	54.4
NATO Total	37.7	37.9	38.2	38.8	39.6	40.1	40.8	41.6
Defence expenditure per capita (US dollars)								
NATO Europe	476	465	458	451	452	464	483	506
Albania	64	64	61	59	53	52	54	59
Belgium	467	463	449	438	418	420	421	433
Bulgaria*	93	95	104	96	96	100	103	124
Croatia	222	209	199	252	252	239	256	269
Czech Republic	215	210	203	193	220	209	238	260
Denmark	770	791	722	683	672	707	714	758
Estonia	265	313	322	336	360	381	391	412
France	772	772	768	755	745	754	764	788
Germany	565	580	543	534	536	549	580	586
Greece	584	523	493	497	520	538	541	526
Hungary	140	137	128	122	135	154	165	190
Italy	462	428	405	364	343	385	401	406
Latvia**	125	114	124	129	149	214	271	333
Lithuania**	103	103	109	131	175	236	290	353
Luxembourg	405	387	391	402	468	428	555	579
Montenegro	121	111	102	106	102	107	108	128
Netherlands	639	619	580	579	578	601	621	745
Norway	1,318	1,306	1,311	1,352	1,316	1,391	1,413	1,489
Poland**	217	223	224	249	310	287	285	325
Portugal	330	300	306	282	292	285	286	322
Romania**	109	106	115	125	141	144	189	220
Slovak Republic	185	189	172	178	211	215	219	251
Slovenia	306	268	238	226	221	246	252	272
Spain	285	306	269	270	283	254	293	310
Turkey	189	190	195	194	195	209	231	253
United Kingdom	939	857	910	890	858	890	902	924
North America	2,155	2,019	1,882	1,776	1,724	1,736	1,674	1,723
Canada	597	534	488	507	603	581	723	641
United States	2,326	2,183	2,037	1,917	1,849	1,865	1,781	1,846
NATO Total	1,119	1,062	1,007	962	944	957	946	980

Notes: Figures for 2018 are estimates. The NATO Europe and NATO Total aggregates from 2017 include Montenegro, which became an Ally on 5 June 2017.

* Defence expenditure does not include pensions.

** With regard to 2018, these countries have either national laws or political agreements which call for at least 2% of GDP to be spent on defence annually, consequently these estimates are expected to change accordingly.

Table 6 : Military personnel

Thousands

	2011	2012	2013	2014	2015	2016	2017	2018e
NATO Europe	2,004	1,956	1,862	1,825	1,740	1,718	1,774	1,791
Albania	10	7.9	6.8	6.7	6.2	5.8	6.8	6.8
Belgium	32	31	31	31	30	29	28	27
Bulgaria	29	26	28	27	25	25	25	25
Croatia	16	16	16	15	15	15	15	15
Czech Republic	22	22	20	20	21	23	24	25
Denmark	19	19	18	17	17	17	17	17
Estonia	5.9	6.0	6.3	6.3	6.0	6.1	6.2	6.2
France	227	219	213	207	205	208	208	208
Germany	205	192	184	179	177	178	180	183
Greece	117	110	110	107	104	106	106	105
Hungary	19	19	18	17	17	18	19	19
Italy	192	189	189	183	178	176	175	180
Latvia	4.8	4.7	4.6	4.6	4.8	5.2	5.5	6.3
Lithuania	8.0	8.3	8.4	8.6	12	12	13	15
Luxembourg	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8
Montenegro	1.9	1.9	1.9	1.9	1.7	1.5	1.5	1.5
Netherlands	45	44	42	41	41	40	39	41
Norway	21	21	20	21	21	20	20	20
Poland	97	98	100	99	99	102	105	118
Portugal	35	34	33	31	28	30	28	30
Romania	66	66	66	65	64	63	62	69
Slovak Republic	13	13	12	12	12	12	12	13
Slovenia	7.2	7.1	6.9	6.8	6.6	6.5	6.3	6.8
Spain	127	125	122	122	122	121	118	121
Turkey	495	495	427	427	385	359	416	386
United Kingdom	191	184	179	169	141	139	137	145
North America	1,493	1,467	1,450	1,404	1,384	1,372	1,379	1,394
Canada	68	68	68	66	70	71	71	71
United States	1,425	1,400	1,382	1,338	1,314	1,301	1,307	1,323
NATO Total	3,497	3,423	3,312	3,229	3,125	3,090	3,152	3,184

Notes: Figures for 2018 are estimates. The NATO Europe and NATO Total aggregates from 2017 include Montenegro, which became an Ally on 5 June 2017.

Table 7a : Distribution of defence expenditure by main category

	Percentage of total defence expenditure							
	2011	2012	2013	2014	2015	2016	2017	2018e
Equipment (a)								
Albania	13.36	14.44	16.29	16.65	8.92	8.01	6.96	10.72
Belgium	6.27	3.57	2.84	3.52	3.44	4.66	6.41	9.80
Bulgaria*	6.33	3.68	4.52	1.03	3.47	9.15	8.10	20.30
Canada	9.67	8.31	11.16	13.03	10.47	10.61	10.89	13.05
Croatia	15.79	14.72	10.72	5.56	8.01	7.51	5.69	9.45
Czech Republic	13.30	14.78	9.49	6.53	11.76	6.70	11.12	12.39
Denmark	9.68	9.03	11.26	10.99	11.50	13.68	10.39	13.43
Estonia	10.11	13.69	14.48	22.15	12.82	17.86	19.22	18.15
France	28.17	30.58	28.56	24.64	25.04	24.44	24.17	23.66
Germany	16.41	16.45	12.74	12.94	11.93	12.21	13.75	14.13
Greece	5.86	7.47	12.06	8.17	10.40	13.45	15.47	12.40
Hungary	12.29	5.84	11.08	7.76	9.75	13.37	15.34	20.35
Italy	11.74	8.87	12.51	10.92	9.72	19.09	20.68	21.12
Latvia	10.78	10.45	12.09	7.55	13.60	19.05	17.22	35.37
Lithuania	9.38	11.20	9.23	14.06	21.55	30.06	31.61	30.59
Luxembourg	21.86	17.11	14.57	22.61	33.33	30.07	42.06	41.77
Montenegro	1.73	4.44	1.32	7.46	5.43	4.46	4.89	9.66
Netherlands	14.43	13.41	12.57	10.68	11.16	14.14	16.80	24.93
Norway	17.04	17.76	18.89	21.17	22.49	24.05	24.70	26.69
Poland	16.13	15.16	13.90	18.84	33.20	21.62	22.04	26.54
Portugal	12.07	9.34	8.65	8.43	8.70	9.95	10.02	12.97
Romania	7.57	4.14	10.71	15.77	19.65	20.43	33.20	34.36
Slovak Republic	7.15	9.56	7.39	11.12	18.28	15.32	17.74	22.27
Slovenia	5.70	1.20	1.27	0.66	1.85	1.02	4.04	8.22
Spain	6.74	22.86	12.37	13.49	14.82	6.65	20.39	23.04
Turkey	24.57	21.21	26.89	25.08	25.13	25.55	30.60	31.55
United Kingdom	22.01	19.54	21.89	22.82	21.75	21.24	22.29	24.14
United States	26.99	26.97	25.83	25.97	25.41	25.05	25.73	25.27
Personnel (b)								
Albania	77.07	69.97	75.25	68.05	78.15	68.05	68.20	68.19
Belgium	75.88	78.52	77.34	77.84	78.23	77.11	75.60	72.06
Bulgaria*	67.36	64.71	65.37	72.84	73.66	65.64	68.33	58.04
Canada	47.11	49.10	52.44	50.90	53.76	53.11	56.59	48.87
Croatia	67.17	68.13	68.06	76.55	72.28	75.40	71.72	71.30
Czech Republic	56.28	61.66	62.03	61.40	55.27	61.97	56.19	55.26
Denmark	52.22	49.05	51.74	51.27	52.01	49.51	47.01	46.22
Estonia	32.28	29.75	39.83	38.62	39.56	38.70	34.89	31.75
France	49.35	49.11	49.23	48.59	47.79	47.94	47.98	46.90
Germany	52.29	50.60	49.86	50.67	49.86	48.35	48.75	46.97
Greece	76.03	73.19	74.56	77.18	72.05	73.13	72.19	71.36
Hungary	50.64	47.69	48.96	49.77	48.21	49.66	42.41	39.98
Italy	74.78	77.05	75.00	76.41	77.55	70.79	67.58	65.66
Latvia	51.31	56.15	52.98	52.97	50.06	43.87	37.26	32.06
Lithuania	66.87	66.78	66.53	57.53	48.49	45.50	40.79	40.51
Luxembourg	52.29	54.23	51.10	49.31	42.77	45.56	34.40	32.29
Montenegro	82.88	82.68	87.68	78.53	78.03	75.32	79.56	71.65
Netherlands	54.66	57.54	58.53	56.50	55.51	51.77	50.97	43.69
Norway	43.43	42.38	41.02	39.36	38.70	37.28	36.10	34.47
Poland	57.80	57.34	57.70	51.45	41.96	47.15	50.04	45.99
Portugal	78.30	78.39	79.85	81.27	81.90	81.38	81.52	71.79
Romania	79.11	84.00	78.99	71.15	63.30	65.01	54.67	52.53
Slovak Republic	69.47	66.53	70.14	69.14	56.24	58.72	58.21	54.74
Slovenia	74.63	78.91	80.52	82.31	82.23	76.03	75.05	72.43
Spain	64.81	57.19	68.25	67.34	65.18	72.61	61.64	57.29
Turkey	53.02	56.02	54.58	56.88	56.82	57.60	51.02	45.28
United Kingdom	37.55	38.90	37.85	36.59	36.80	35.27	34.54	33.71
United States	33.01	32.12	34.38	35.45	36.64	45.01	41.22	38.70

* Defence expenditure does not include pensions.

(a) Equipment expenditure includes major equipment expenditure and R&D devoted to major equipment.

(b) Personnel expenditure includes military and civilian expenditure and pensions.

Table 7b : Distribution of defence expenditure by main category

	Percentage of total defence expenditure							
	2011	2012	2013	2014	2015	2016	2017	2018e
Infrastructure (c)								
Albania	0.78	0.64	1.17	0.86	1.40	1.37	0.92	1.08
Belgium	1.69	1.59	2.28	1.81	0.93	0.95	1.04	1.49
Bulgaria*	1.53	0.76	0.47	0.63	1.27	0.63	0.83	0.48
Canada	5.48	5.47	4.12	3.81	3.63	3.03	3.03	4.36
Croatia	0.71	0.57	1.21	1.24	1.98	1.26	3.59	1.07
Czech Republic	2.51	1.61	2.72	2.34	3.32	3.91	4.00	4.98
Denmark	1.45	1.24	1.16	0.97	1.09	2.16	1.95	2.22
Estonia	13.57	8.85	11.54	8.20	8.45	12.15	11.27	7.98
France	2.68	3.42	2.30	2.33	2.80	2.70	2.88	3.51
Germany	4.13	3.53	3.55	3.75	3.60	3.39	3.91	3.94
Greece	1.26	0.79	0.63	1.10	0.65	0.58	0.37	0.14
Hungary	1.31	2.11	2.32	1.07	1.21	1.13	1.64	4.85
Italy	1.31	1.02	1.57	1.40	1.30	0.70	0.94	1.92
Latvia	9.29	4.16	6.26	8.89	6.64	12.83	17.56	8.15
Lithuania	1.37	1.47	2.04	2.17	2.16	3.59	3.92	4.97
Luxembourg	7.18	8.20	11.81	10.26	7.79	6.64	4.64	6.85
Montenegro	2.50	0.03	0.09	0.96	2.47	2.41	0.87	2.68
Netherlands	3.77	3.70	2.74	4.77	3.19	3.90	3.34	4.03
Norway	4.22	4.86	5.64	6.00	5.60	6.96	7.35	7.79
Poland	4.80	4.76	5.62	5.47	4.74	4.62	4.21	3.61
Portugal	0.01	0.04	0.04	0.11	0.25	0.06	0.03	0.37
Romania	1.47	1.19	1.16	1.09	1.27	2.77	2.09	3.65
Slovak Republic	1.01	0.37	0.29	0.57	1.99	3.75	2.97	2.00
Slovenia	2.61	2.02	1.33	0.65	0.61	1.14	0.45	0.49
Spain	1.88	0.85	0.67	0.66	0.97	0.97	0.68	0.39
Turkey	2.91	3.70	2.72	2.77	2.56	2.42	2.95	2.38
United Kingdom	1.64	1.91	2.04	1.95	1.63	1.87	2.25	2.48
United States	3.14	2.38	2.08	1.71	1.45	1.22	1.23	1.38
Other (d)								
Albania	8.79	14.95	7.30	14.44	11.53	22.57	23.92	20.01
Belgium	16.15	16.31	17.53	16.83	17.40	17.28	16.95	16.65
Bulgaria*	24.78	30.85	29.64	25.51	21.60	24.57	22.74	21.19
Canada	37.75	37.12	32.28	32.26	32.14	33.25	29.48	33.72
Croatia	16.33	16.58	20.01	16.65	17.73	15.83	18.99	18.17
Czech Republic	27.91	21.95	25.75	29.73	29.65	27.43	28.69	27.37
Denmark	36.65	40.68	35.84	36.78	35.40	34.65	40.66	38.13
Estonia	44.04	47.71	34.14	31.03	39.18	31.30	34.62	42.12
France	19.80	16.89	19.91	24.43	24.37	24.92	24.97	25.92
Germany	27.17	29.42	33.84	32.63	34.61	36.05	33.58	34.96
Greece	16.84	18.55	12.75	13.55	16.90	12.84	11.97	16.10
Hungary	35.76	44.35	37.64	41.40	40.83	35.84	40.62	34.82
Italy	12.17	13.06	10.93	11.27	11.42	9.42	10.80	11.30
Latvia	28.62	29.23	28.68	30.59	29.69	24.25	27.96	24.42
Lithuania	22.39	20.56	22.20	26.24	27.79	20.85	23.67	23.94
Luxembourg	18.67	20.46	22.52	17.82	16.11	17.73	18.90	19.10
Montenegro	12.89	12.85	10.91	13.06	14.07	17.80	14.67	16.01
Netherlands	27.14	25.34	26.16	28.05	30.14	30.20	28.90	27.35
Norway	35.31	35.00	34.45	33.46	33.21	31.71	31.84	31.05
Poland	21.27	22.73	22.78	24.24	20.11	26.61	23.71	23.85
Portugal	9.62	12.22	11.46	10.19	9.15	8.61	8.43	14.87
Romania	11.85	10.68	9.13	11.98	15.78	11.79	10.04	9.46
Slovak Republic	22.38	23.55	22.19	19.16	23.49	22.22	21.08	20.99
Slovenia	17.05	17.87	16.88	16.38	15.31	21.80	20.46	18.87
Spain	26.58	19.11	18.71	18.50	19.03	19.78	17.28	19.27
Turkey	19.49	19.07	15.80	15.27	15.49	14.43	15.43	20.79
United Kingdom	38.80	39.64	38.22	38.63	39.82	41.62	40.92	39.67
United States	36.86	38.53	37.72	36.87	36.51	28.73	31.83	34.65

* Defence expenditure does not include pensions.

(c) Infrastructure expenditure includes NATO common infrastructure and national military construction.

(d) Other expenditure includes operations and maintenance expenditure, other R&D expenditure and expenditure not allocated among above-mentioned categories.

NATO defence expenditure

NATO defines defence expenditure as payments made by a national government specifically to meet the needs of its armed forces, those of Allies or of the Alliance. A major component of defence expenditure is payments on Armed Forces financed within the Ministry of Defence (MoD) budget. Armed Forces include Land, Maritime and Air forces as well as Joint formations such as Administration and Command, Special Operations Forces, Medical Service, Logistic Command etc. They might also include "Other Forces" like Ministry of Interior troops, national police forces, *gendarmerie*, *carabinieri*, coast guards etc. In such cases, expenditure should be included only in proportion to the forces that are trained in military tactics, are equipped as a military force, can operate under direct military authority in deployed operations, and can, realistically, be deployed outside national territory in support of a military force. Also, expenditure on Other Forces financed through the budgets of ministries other than MoD should be included in defence expenditure.

Pension payments made directly by the government to retired military and civilian employees of military departments should be included regardless of whether these payments are made from the budget of the MoD or other ministries.

Expenditure for peacekeeping and humanitarian operations (paid by MoD or other ministries), the destruction of weapons, equipment and ammunition, contributions to eligible NATO-managed trust funds, and the costs associated with inspection and control of equipment destruction are included in defence expenditure.

Research and development (R&D) costs are to be included in defence expenditure. R&D costs should also include expenditure for those projects that do not successfully lead to production of equipment.

Expenditure for the military component of mixed civilian-military activities is included, but only when the military component can be specifically accounted for or estimated.

Expenditure on NATO Common infrastructure is included in the total defence expenditure of each Ally only to the extent of that nation's net contribution.

War damage payments and spending on civil defence are both excluded from the NATO definition of defence expenditure.

NATO uses United States dollars (USD) as the common currency denominator. The exchange rate applied to each Ally is the average annual rate published by the International Monetary Fund (IMF). The values for defence expenditure are expressed in current prices; constant prices; current prices and exchange rates; as well as constant prices and exchange rates.

Note to readers:

Iceland has no armed forces. For nations of the Euro zone, and Montenegro, monetary values in national currency are expressed in Euros for all years. Estonia adopted Euros from 2011, Latvia from 2014, and Lithuania from 2015. Montenegro joined the Alliance in 2017.

To avoid any ambiguity, the fiscal year has been designated by the year which includes the highest number of months: e.g. 2018 represents the fiscal year 2018/2019 for Canada and United Kingdom, and the fiscal year 2017/2018 for the United States. Because of rounding, the total figures may differ from the sum of their components.

Conventional signs:

- e estimated
- nil
- .. not available
- | break in continuity of series
- . decimal point

Nomenclature of NATO defence expenditure:

1	Operating costs
1.1	<i>Military personnel</i>
1.1.1	Pay and allowances
1.1.2	Employer's contributions to retirement funds
1.1.3	Other
1.2	<i>Civilian personnel</i>
1.2.1	Pay and allowances
1.2.2	Employer's contributions to retirement funds
1.3	<i>Pensions</i>
1.3.1	Paid to military retirees
1.3.2	Paid to civilian retirees
1.4	<i>Operations and maintenance</i>
1.4.1	Ammunition and explosives (excluding nuclear)
1.4.2	Petroleum products
1.4.3	Spare parts
1.4.4	Other equipment and supplies
1.4.5	Rents
1.4.6	Other operations and maintenance
2	Procurement and construction
2.1	<i>Major equipment</i>
2.1.1	Missile systems
2.1.2	Missiles (conventional weapons)
2.1.3	Nuclear weapons
2.1.4	Aircraft
2.1.5	Artillery
2.1.6	Combat vehicles
2.1.7	Engineering equipment
2.1.8	Weapons and small arms
2.1.9	Transport vehicles
2.1.10	Ships and harbour craft
2.1.11	Electronic and communications equipment
2.2	<i>National military construction</i>
2.3	<i>NATO common infrastructure</i>
2.3.1	Expenditure as host nation
2.3.2	Payments to other nations
2.3.3	Receipts from other nations
2.3.4	Land and utilities
3	Research and development
3.1	<i>Devoted to major equipment</i>
3.2	<i>Other</i>
4	Other expenditure
5	Total
6	Statistical discrepancy
7	Adjusted total

Main categories of defence expenditure:

- Equipment (Table 7a) – lines 2.1 + 3.1
- Personnel (Table 7a) – lines 1.1 + 1.2 + 1.3
- Infrastructure (Table 7b) – lines 2.2 + 2.3
- Other (Table 7b) – lines 1.4 + 3.2 + 4