

31 March 2022

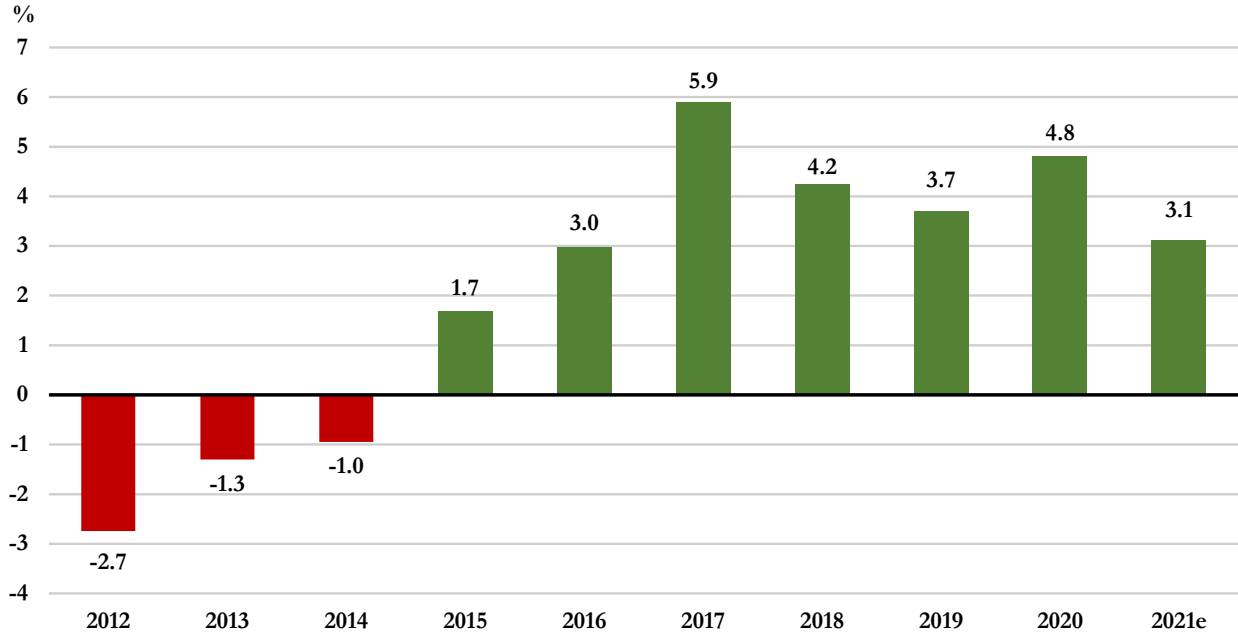
Defence Expenditure of NATO Countries (2014-2021)

NATO collects defence expenditure data from Allies and publishes it on a regular basis. 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 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 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.

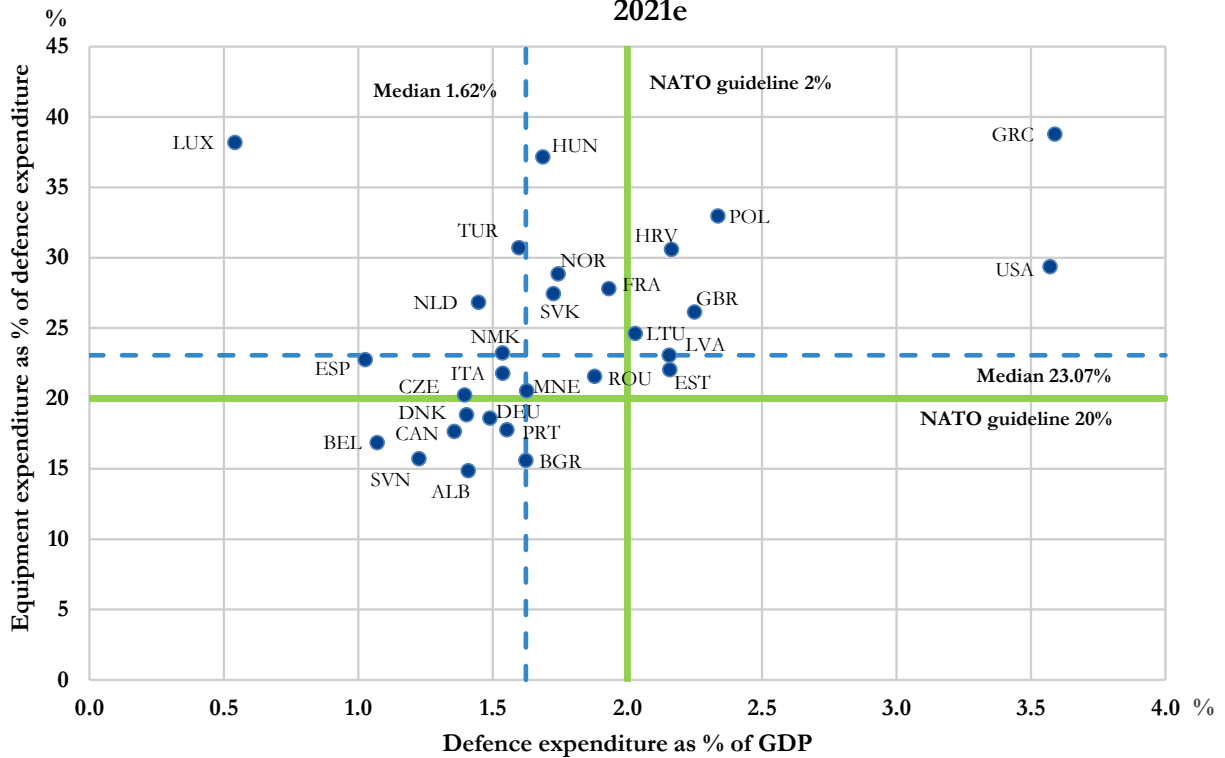
The cut-off date for information used in this report was 7 February 2022. Figures for 2021 are estimates.

Graph 1 : NATO Europe and Canada - defence expenditure
 (annual real change, based on 2015 prices and exchange rates)



Notes: Figures for 2021 are estimates. The NATO Europe and Canada aggregate from 2017 onwards includes Montenegro, which became an Ally on 5 June 2017, and from 2020 onwards includes North Macedonia, which became an Ally on 27 March 2020.

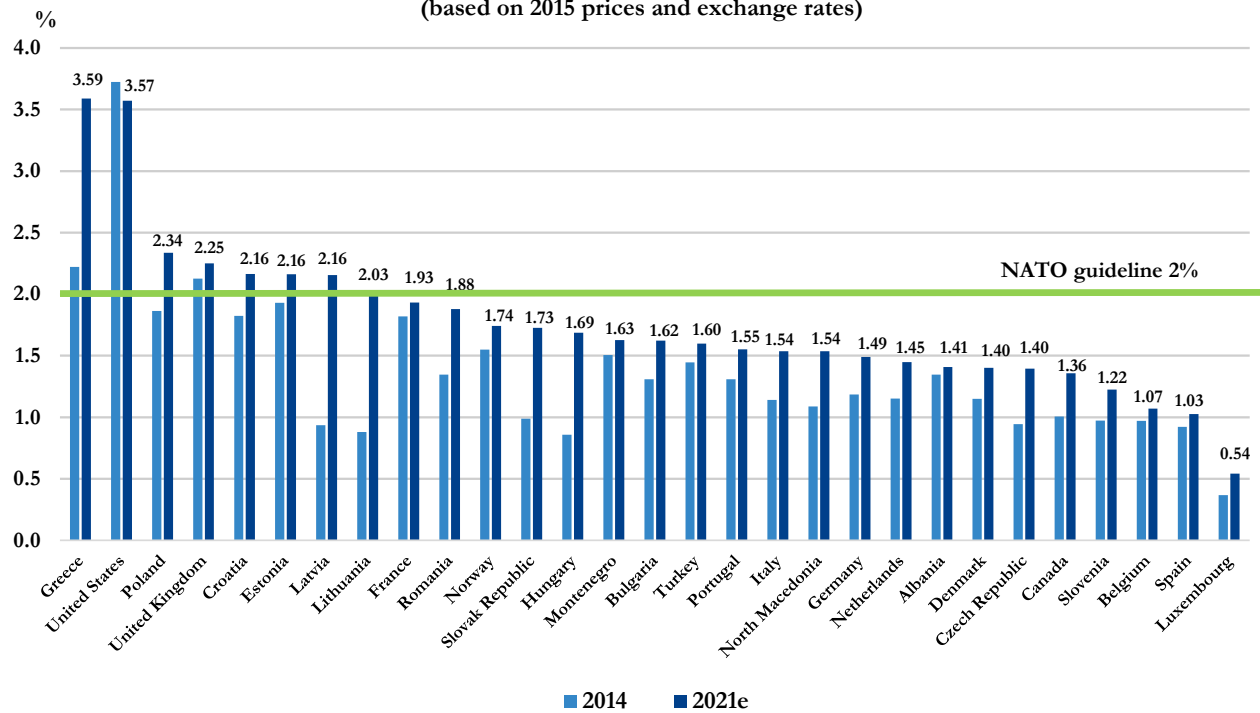
Graph 2 : Defence expenditure as a share of GDP and equipment expenditure as a share of defence expenditure
 2021e



Note: Figures for 2021 are estimates.

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

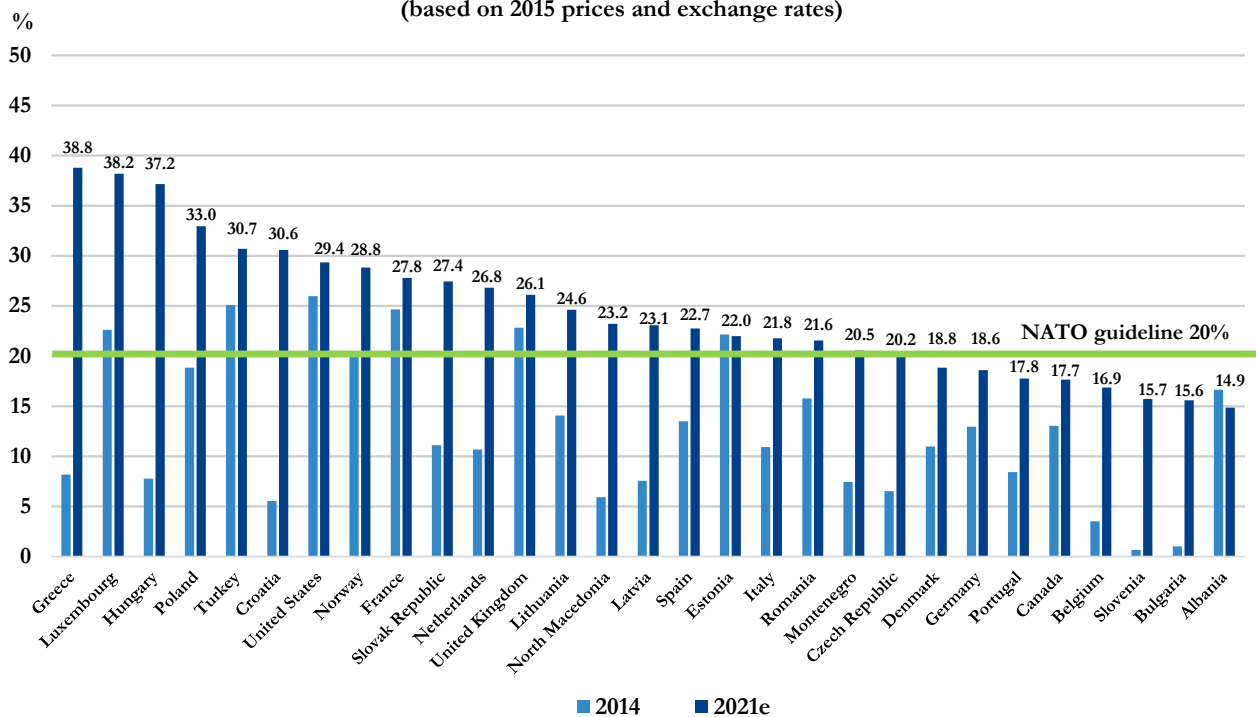
(based on 2015 prices and exchange rates)



Note: Figures for 2021 are estimates.

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

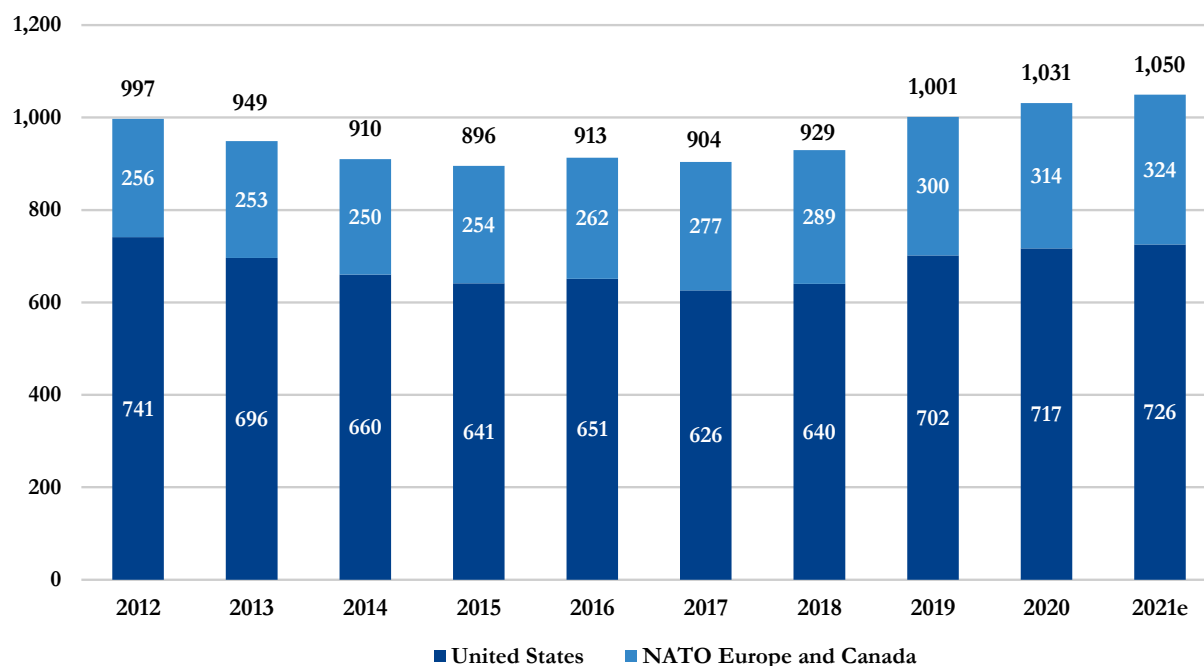
(based on 2015 prices and exchange rates)



Note: Figures for 2021 are estimates.

Graph 5 : Defence expenditure

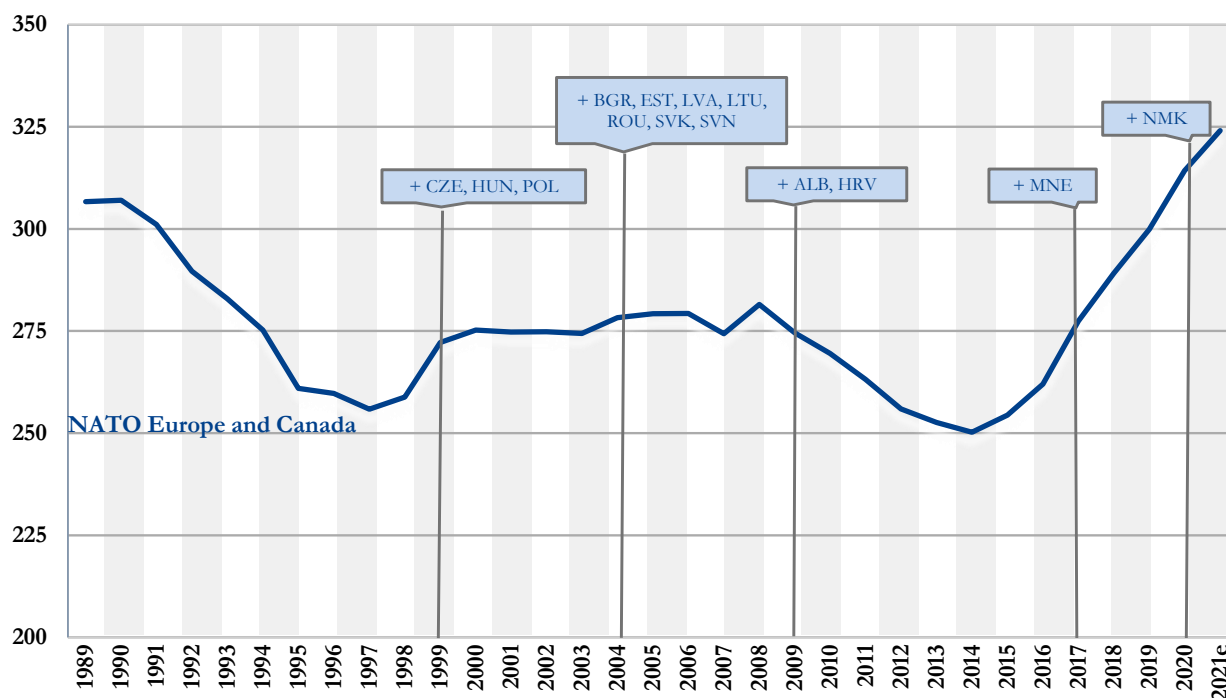
(billion US dollars, based on 2015 prices and exchange rates)



Notes: Figures for 2021 are estimates. The NATO Europe and Canada aggregate from 2017 onwards includes Montenegro, which became an Ally on 5 June 2017, and from 2020 onwards includes North Macedonia, which became an Ally on 27 March 2020.

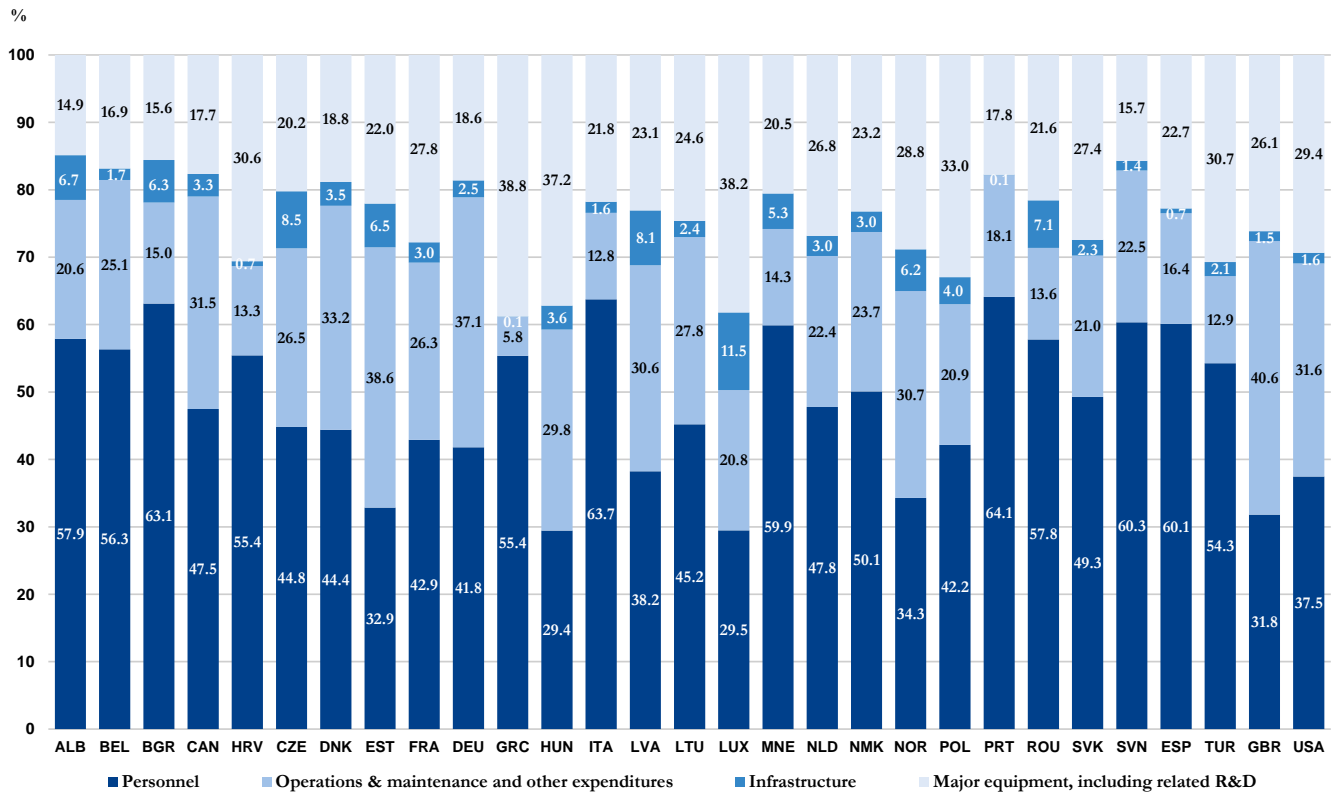
Graph 6 : NATO Europe and Canada - defence expenditure

(billion US dollars, based on 2015 prices and exchange rates)

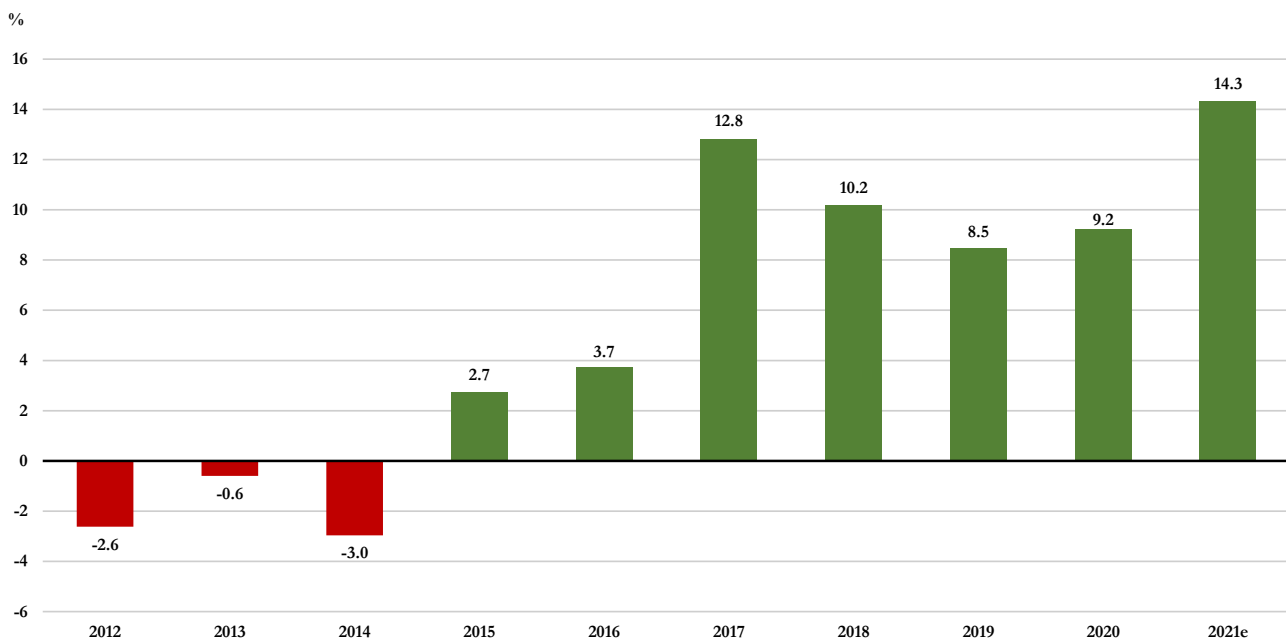


Notes: Figures for 2021 are estimates. Includes enlargements which took place in: 1999 (3 Allies), 2004 (7 Allies), 2009 (2 Allies), 2017 (1 Ally) and 2020 (1 Ally).

Graph 7 : Main categories of defence expenditure (%)
(percentage of total defence expenditure)
2021e



Graph 8 : NATO Europe and Canada - major equipment expenditure
(annual real change, based on 2015 prices and exchange rates)



Notes: Figures for 2021 are estimates. The NATO Europe and Canada aggregate from 2017 onwards includes Montenegro, which became an Ally on 5 June 2017, and from 2020 onwards includes North Macedonia, which became an Ally on 27 March 2020.

Table 1 : Defence expenditure

Million national currency units

	2014	2015	2016	2017	2018	2019	2020	2021e
Current prices								
Albania (Leks)	18,788	16,671	16,250	17,199	18,995	21,670	21,348	24,685
Belgium (Euros)	3,913	3,789	3,848	3,932	4,101	4,253	4,665	5,358
Bulgaria (Leva)	1,102	1,116	1,186	1,255	1,593	3,771	1,920	2,099
Canada (Canadian dollars)	20,076	23,900	23,474	30,761	29,025	29,949	31,644	33,674
Croatia (Kunas)	6,113	6,057	5,696	6,120	6,068	6,634	6,487	9,062
Czech Republic (Koruny)	41,003	47,264	45,598	52,805	59,752	68,373	74,257	85,383
Denmark (Kroner)	22,769	22,633	24,190	24,961	28,787	29,929	31,962	34,586
Estonia (Euros)	386	418	450	479	521	569	630	646
France (Euros)	39,149	39,199	39,950	40,852	42,748	44,361	46,018	47,807
Germany (Euros)	34,749	35,898	37,598	40,265	42,127	46,936	51,392	53,033
Greece (Euros)	3,939	4,073	4,190	4,208	4,560	4,483	4,812	6,496
Hungary (Forint)	281,402	316,338	362,798	468,765	436,500	636,566	852,321	927,965
Italy (Euros)	18,427	17,642	20,226	21,166	21,702	21,042	26,360	27,395
Latvia* (Euros)	221	254	364	430	601	618	651	699
Lithuania* (Euros)	322	425	575	724	895	977	1,030	1,103
Luxembourg (Euros)	190	225	213	288	301	341	373	387
Montenegro (Euros)	52	51	56	58	64	66	72	77
Netherlands (Euros)	7,788	7,816	8,234	8,539	9,456	10,771	11,237	12,300
North Macedonia (Denars)	5,743	5,853	5,770	5,532	6,232	8,029	8,303	10,804
Norway (Kroner)	48,660	49,529	54,022	56,664	61,349	66,318	68,054	71,174
Poland* (Zlotys)	31,874	39,940	37,082	37,558	42,824	45,404	52,110	59,491
Portugal (Euros)	2,263	2,384	2,364	2,424	2,750	2,947	2,867	3,282
Romania* (New Lei)	9,014	10,337	10,738	14,765	17,183	19,527	21,431	22,027
Slovak Republic (Euros)	752	889	907	935	1,098	1,610	1,796	1,677
Slovenia (Euros)	366	361	406	422	463	511	498	624
Spain (Euros)	9,508	10,000	9,014	10,528	11,172	11,281	11,240	12,208
Turkey (Liras)	29,727	32,522	38,203	47,323	68,300	79,987	93,910	108,426
United Kingdom (Pounds)	39,902	38,940	41,590	43,257	45,202	46,509	49,495	52,291
United States (US dollars)	653,942	641,253	656,059	642,933	672,255	730,149	784,952	811,140
Constant 2015 prices								
Albania (Leks)	18,894	16,671	16,354	17,061	18,569	20,928	20,710	23,632
Belgium (Euros)	3,965	3,789	3,775	3,789	3,892	3,967	4,296	4,775
Bulgaria (Leva)	1,134	1,116	1,148	1,159	1,411	3,174	1,551	1,633
Canada (Canadian dollars)	19,900	23,900	23,299	29,767	27,602	28,012	29,370	29,097
Croatia (Kunas)	6,118	6,057	5,700	6,055	5,885	6,313	6,180	8,432
Czech Republic (Koruny)	41,410	47,264	45,083	51,539	56,861	62,629	65,154	71,507
Denmark (Kroner)	22,868	22,633	24,129	24,606	28,215	29,119	30,394	32,431
Estonia (Euros)	389	418	440	451	472	499	555	559
France (Euros)	39,595	39,199	39,743	40,430	41,890	42,922	43,427	44,778
Germany (Euros)	35,394	35,898	37,105	39,147	40,164	43,846	47,259	47,329
Greece (Euros)	3,927	4,073	4,214	4,221	4,581	4,492	4,863	6,396
Hungary (Forint)	289,228	316,338	357,803	445,003	395,350	550,319	694,538	704,921
Italy (Euros)	18,734	17,642	19,769	20,511	21,079	20,253	25,078	25,685
Latvia* (Euros)	221	254	361	414	557	559	589	600
Lithuania* (Euros)	322	425	566	684	816	868	902	925
Luxembourg (Euros)	195	225	216	286	293	329	346	343
Montenegro (Euros)	53	51	54	53	57	57	63	66
Netherlands (Euros)	7,796	7,816	8,162	8,340	9,041	10,020	10,234	10,995
North Macedonia (Denars)	5,858	5,853	5,577	5,201	5,637	7,183	7,363	9,403
Norway (Kroner)	47,271	49,529	54,831	55,326	56,164	61,002	64,940	59,041
Poland* (Zlotys)	32,185	39,940	36,967	36,758	41,414	42,550	46,909	51,539
Portugal (Euros)	2,309	2,384	2,324	2,348	2,616	2,755	2,630	2,984
Romania* (New Lei)	9,308	10,337	10,482	13,768	15,089	16,057	16,984	16,806
Slovak Republic (Euros)	750	889	912	928	1,069	1,528	1,666	1,522
Slovenia (Euros)	370	361	403	413	443	479	461	563
Spain (Euros)	9,560	10,000	8,985	10,360	10,858	10,823	10,666	11,406
Turkey (Liras)	32,059	32,522	35,330	39,434	48,863	50,259	51,388	48,099
United Kingdom (Pounds)	40,106	38,940	40,814	41,692	42,712	43,079	43,306	45,388
United States (US dollars)	660,062	641,253	651,201	626,328	640,277	701,563	716,886	725,709

Notes: Figures for 2021 are estimates.

* These Allies have national laws or political agreements which call for 2% of GDP to be spent on defence annually, consequently future estimates are expected to change accordingly. For past years Allies defence spending was based on the then available GDP data and Allies may, therefore, have met the 2% guideline when using those figures. (In 2018, Lithuania met 2% using November 2018 OECD figures.)

Table 2 : Defence expenditure

Million US dollars

	2014	2015	2016	2017	2018	2019	2020	2021e
Current prices and exchange rates								
Albania	178	132	131	145	176	197	197	241
Belgium	5,200	4,204	4,258	4,441	4,845	4,761	5,324	6,400
Bulgaria	747	633	671	724	962	2,159	1,121	1,282
Canada	18,172	18,689	17,708	23,700	22,399	22,572	23,595	26,919
Croatia	1,064	883	837	924	966	1,002	981	1,445
Czech Republic	1,975	1,921	1,866	2,259	2,750	2,982	3,199	3,972
Denmark	4,057	3,364	3,593	3,780	4,559	4,487	4,886	5,551
Estonia	514	463	497	541	615	637	719	771
France	52,022	43,496	44,209	46,133	50,507	49,667	52,520	57,098
Germany	46,176	39,833	41,606	45,470	49,772	52,549	58,652	63,339
Greece	5,234	4,520	4,637	4,752	5,388	5,019	5,492	7,758
Hungary	1,210	1,132	1,289	1,708	1,615	2,190	2,767	3,140
Italy	24,487	19,576	22,382	23,902	25,641	23,559	30,084	32,719
Latvia*	294	282	403	485	710	692	743	835
Lithuania*	428	471	636	817	1,057	1,094	1,176	1,318
Luxembourg	253	250	236	326	356	381	426	462
Montenegro	69	57	62	65	75	74	83	92
Netherlands	10,349	8,673	9,112	9,643	11,172	12,060	12,824	14,690
North Macedonia	124	105	104	101	120	146	154	209
Norway	7,722	6,142	6,431	6,850	7,544	7,536	7,228	8,234
Poland*	10,107	10,588	9,397	9,940	11,857	11,824	13,363	15,401
Portugal	3,007	2,645	2,616	2,738	3,249	3,299	3,273	3,920
Romania*	2,691	2,581	2,645	3,643	4,359	4,608	5,050	5,348
Slovak Republic	999	987	1,004	1,056	1,298	1,802	2,049	2,003
Slovenia	487	401	449	477	547	572	568	745
Spain	12,634	11,096	9,975	11,889	13,200	12,630	12,828	14,581
Turkey	13,577	11,953	12,644	12,971	14,168	14,089	13,396	13,014
United Kingdom	65,692	59,505	56,362	55,719	60,380	59,399	63,500	72,706
United States	653,942	641,253	656,059	642,933	672,255	730,149	784,952	811,140
NATO Europe and Canada	289,275	254,423	255,595	275,100	300,167	301,841	326,195	364,192
NATO Total	943,217	895,676	911,654	918,033	972,422	1,031,990	1,111,147	1,175,332
Constant 2015 prices and exchange rates								
Albania	150	132	130	135	147	166	164	188
Belgium	4,400	4,204	4,189	4,204	4,319	4,401	4,767	5,298
Bulgaria	643	633	650	657	800	1,799	879	925
Canada	15,562	18,689	18,219	23,278	21,585	21,905	22,967	22,754
Croatia	892	883	831	883	858	920	901	1,230
Czech Republic	1,683	1,921	1,833	2,095	2,312	2,546	2,649	2,907
Denmark	3,399	3,364	3,586	3,657	4,194	4,328	4,518	4,820
Estonia	431	463	488	501	523	553	616	620
France	43,936	43,496	44,100	44,862	46,482	47,627	48,188	49,686
Germany	39,274	39,833	41,173	43,438	44,567	48,653	52,440	52,518
Greece	4,358	4,520	4,676	4,683	5,084	4,985	5,396	7,097
Hungary	1,035	1,132	1,281	1,593	1,415	1,970	2,486	2,524
Italy	20,788	19,576	21,936	22,759	23,390	22,473	27,827	28,501
Latvia*	246	282	401	459	618	620	653	666
Lithuania*	357	471	628	759	906	963	1,001	1,027
Luxembourg	216	250	239	317	325	366	384	381
Montenegro	59	57	59	59	63	64	70	73
Netherlands	8,650	8,673	9,057	9,254	10,032	11,119	11,356	12,200
North Macedonia	106	105	100	94	102	129	133	169
Norway	5,862	6,142	6,799	6,861	6,965	7,565	8,053	7,321
Poland*	8,532	10,588	9,800	9,745	10,979	11,280	12,436	13,663
Portugal	2,562	2,645	2,579	2,605	2,902	3,057	2,918	3,311
Romania*	2,324	2,581	2,617	3,437	3,767	4,009	4,240	4,196
Slovak Republic	832	987	1,012	1,030	1,186	1,696	1,848	1,688
Slovenia	411	401	447	458	491	531	511	625
Spain	10,608	11,096	9,970	11,495	12,049	12,009	11,835	12,656
Turkey	11,783	11,953	12,985	14,494	17,959	18,472	18,887	17,679
United Kingdom	61,287	59,505	62,368	63,710	65,270	65,830	66,176	69,358
United States	660,062	641,253	651,201	626,328	640,277	701,563	716,886	725,709
NATO Europe and Canada	250,220	254,423	261,995	277,428	289,187	299,909	314,300	324,081
NATO Total	910,283	895,676	913,195	903,755	929,464	1,001,472	1,031,186	1,049,790

Notes: Figures for 2021 are estimates. The NATO Europe and Canada and NATO Total aggregates from 2017 onwards include Montenegro, which became an Ally on 5 June 2017, and from 2020 onwards include North Macedonia, which became an Ally on 27 March 2020.

* These Allies have national laws or political agreements which call for 2% of GDP to be spent on defence annually, consequently future estimates are expected to change accordingly. For past years Allies defence spending was based on the then available GDP data and Allies may, therefore, have met the 2% guideline when using those figures. (In 2018, Lithuania met 2% using November 2018 OECD figures.)

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

Based on 2015 prices

	2014	2015	2016	2017	2018	2019	2020	2021e
Share of real GDP (%)								
Albania	1.35	1.16	1.10	1.11	1.16	1.28	1.32	1.41
Belgium	0.97	0.91	0.89	0.88	0.89	0.89	1.02	1.07
Bulgaria	1.31	1.25	1.24	1.22	1.45	3.13	1.60	1.62
Canada	1.01	1.20	1.16	1.44	1.30	1.30	1.44	1.36
Croatia	1.82	1.76	1.60	1.64	1.55	1.61	1.71	2.16
Czech Republic	0.94	1.02	0.95	1.03	1.10	1.18	1.30	1.40
Denmark	1.15	1.11	1.15	1.14	1.28	1.28	1.38	1.40
Estonia	1.93	2.03	2.07	2.01	2.02	2.05	2.35	2.16
France	1.82	1.78	1.79	1.78	1.81	1.82	2.00	1.93
Germany	1.19	1.19	1.20	1.23	1.25	1.35	1.53	1.49
Greece	2.22	2.31	2.40	2.38	2.54	2.45	2.91	3.59
Hungary	0.86	0.90	1.00	1.19	1.01	1.34	1.78	1.69
Italy	1.14	1.07	1.18	1.20	1.23	1.17	1.60	1.54
Latvia*	0.94	1.03	1.44	1.59	2.06	2.02	2.20	2.16
Lithuania*	0.88	1.14	1.48	1.71	1.97	2.00	2.08	2.03
Luxembourg	0.37	0.42	0.38	0.50	0.50	0.54	0.58	0.54
Montenegro	1.50	1.40	1.42	1.34	1.37	1.33	1.73	1.63
Netherlands	1.15	1.13	1.16	1.15	1.22	1.32	1.41	1.45
North Macedonia	1.09	1.05	0.97	0.89	0.94	1.16	1.25	1.54
Norway	1.55	1.59	1.74	1.72	1.73	1.86	2.00	1.74
Poland*	1.86	2.22	1.99	1.89	2.02	1.98	2.24	2.34
Portugal	1.31	1.33	1.27	1.24	1.34	1.37	1.43	1.55
Romania*	1.35	1.45	1.41	1.72	1.81	1.84	2.03	1.88
Slovak Republic	0.99	1.11	1.12	1.11	1.23	1.71	1.95	1.73
Slovenia	0.97	0.93	1.00	0.98	1.01	1.06	1.06	1.22
Spain	0.92	0.93	0.81	0.91	0.93	0.91	1.00	1.03
Turkey	1.45	1.38	1.45	1.51	1.82	1.85	1.86	1.60
United Kingdom	2.13	2.01	2.06	2.06	2.08	2.06	2.30	2.25
United States	3.72	3.52	3.52	3.31	3.29	3.52	3.72	3.57
NATO Europe and Canada	1.43	1.42	1.44	1.48	1.51	1.54	1.72	1.69
NATO Total	2.58	2.48	2.48	2.40	2.41	2.54	2.75	2.65
Annual real change (%)								
Albania	-2.74	-11.76	-1.90	4.32	8.84	12.71	-1.04	14.11
Belgium	-2.25	-4.44	-0.36	0.36	2.72	1.92	8.29	11.16
Bulgaria	-9.08	-1.56	2.80	0.96	21.80	124.95	-51.13	5.25
Canada	4.95	20.10	-2.52	27.76	-7.27	1.48	4.85	-0.93
Croatia	25.91	-0.99	-5.90	6.22	-2.81	7.27	-2.09	36.44
Czech Republic	-4.91	14.14	-4.61	14.32	10.32	10.14	4.03	9.75
Denmark	-4.84	-1.03	6.61	1.98	14.67	3.20	4.38	6.70
Estonia	3.75	7.41	5.25	2.68	4.46	5.76	11.36	0.66
France	-1.21	-1.00	1.39	1.73	3.61	2.46	1.18	3.11
Germany	-1.39	1.42	3.36	5.50	2.60	9.17	7.78	0.15
Greece	0.44	3.72	3.47	0.15	8.55	-1.94	8.25	31.51
Hungary	-5.31	9.37	13.11	24.37	-11.16	39.20	26.21	1.49
Italy	-9.81	-5.83	12.05	3.75	2.77	-3.92	23.83	2.42
Latvia*	2.39	14.66	42.29	14.61	34.53	0.37	5.33	1.97
Lithuania*	19.38	31.96	33.13	20.84	19.38	6.36	3.96	2.54
Luxembourg	5.25	15.54	-4.05	32.34	2.62	12.44	5.08	-0.93
Montenegro	4.49	-3.50	4.33	-1.34	7.29	1.36	10.02	3.91
Netherlands	0.19	0.26	4.43	2.17	8.41	10.83	2.13	7.44
North Macedonia	-3.58	-0.09	-4.71	-6.75	8.40	27.42	2.50	27.70
Norway	5.35	4.78	10.70	0.90	1.51	8.61	6.46	-9.08
Poland*	11.39	24.10	-7.45	-0.56	12.67	2.74	10.24	9.87
Portugal	-8.52	3.25	-2.51	1.03	11.40	5.32	-4.54	13.48
Romania*	8.52	11.06	1.40	31.35	9.60	6.41	5.78	-1.05
Slovak Republic	3.25	18.61	2.51	1.80	15.18	42.97	8.97	-8.64
Slovenia	-4.42	-2.37	11.42	2.45	7.31	8.13	-3.77	22.24
Spain	0.36	4.60	-10.15	15.30	4.81	-0.32	-1.45	6.94
Turkey	0.78	1.44	8.64	11.61	23.91	2.86	2.25	-6.40
United Kingdom	-1.37	-2.91	4.81	2.15	2.45	0.86	0.53	4.81
United States	-5.20	-2.85	1.55	-3.82	2.23	9.57	2.18	1.23
NATO Europe and Canada	-0.95	1.68	2.98	5.89	4.24	3.71	4.80	3.11
NATO Total	-4.07	-1.60	1.96	-1.03	2.84	7.75	2.97	1.80

Notes: Figures for 2021 are estimates. The NATO Europe and Canada and NATO Total aggregates from 2017 onwards include Montenegro, which became an Ally on 5 June 2017, and from 2020 onwards include North Macedonia, which became an Ally on 27 March 2020.

* These Allies have national laws or political agreements which call for 2% of GDP to be spent on defence annually, consequently future estimates are expected to change accordingly. For past years Allies defence spending was based on the then available GDP data and Allies may, therefore, have met the 2% guideline when using those figures. (In 2018, Lithuania met 2% using November 2018 OECD figures.)

Table 4 : Defence expenditure real change 2014-2021

Million US dollars (2015 prices and exchange rates)

	2014	2021e	Real change 2014- 2021e (%)	Share of real GDP 2014 (%)	Share of real GDP 2021e (%)
Albania	150	188	25.08	1.35	1.41
Belgium	4,400	5,298	20.42	0.97	1.07
Bulgaria	643	925	43.98	1.31	1.62
Canada	15,562	22,754	46.22	1.01	1.36
Croatia	892	1,230	37.83	1.82	2.16
Czech Republic	1,683	2,907	72.68	0.94	1.40
Denmark	3,399	4,820	41.82	1.15	1.40
Estonia	431	620	43.75	1.93	2.16
France	43,936	49,686	13.09	1.82	1.93
Germany	39,274	52,518	33.72	1.19	1.49
Greece	4,358	7,097	62.86	2.22	3.59
Hungary	1,035	2,524	143.73	0.86	1.69
Italy	20,788	28,501	37.10	1.14	1.54
Latvia	246	666	171.17	0.94	2.16
Lithuania	357	1,027	187.34	0.88	2.03
Luxembourg	216	381	76.21	0.37	0.54
Montenegro	59	73	23.48	1.50	1.63
Netherlands	8,650	12,200	41.04	1.15	1.45
North Macedonia	106	169	60.52	1.09	1.54
Norway	5,862	7,321	24.90	1.55	1.74
Poland	8,532	13,663	60.14	1.86	2.34
Portugal	2,562	3,311	29.24	1.31	1.55
Romania	2,324	4,196	80.56	1.35	1.88
Slovak Republic	832	1,688	102.90	0.99	1.73
Slovenia	411	625	52.11	0.97	1.22
Spain	10,608	12,656	19.31	0.92	1.03
Turkey	11,783	17,679	50.03	1.45	1.60
United Kingdom	61,287	69,358	13.17	2.13	2.25
United States	660,062	725,709	9.95	3.72	3.57

Note: Figures for 2021 are estimates.

Table 5 : Real GDP

Billion US dollars (2015 prices and exchange rates)

	2014	2015	2016	2017	2018	2019	2020	2021e
Albania	11	11	12	12	13	13	12	13
Belgium	453	462	468	476	484	495	467	495
Bulgaria	49	51	52	54	55	57	55	57
Canada	1,546	1,557	1,572	1,620	1,659	1,690	1,600	1,677
Croatia	49	50	52	54	55	57	53	57
Czech Republic	178	188	193	203	210	216	203	208
Denmark	296	303	313	321	328	338	328	344
Estonia	22	23	24	25	26	27	26	29
France	2,414	2,439	2,464	2,525	2,571	2,618	2,409	2,573
Germany	3,313	3,355	3,426	3,529	3,568	3,607	3,429	3,527
Greece	196	196	195	197	200	204	185	198
Hungary	121	125	128	133	141	147	140	150
Iceland	17	18	19	19	20	21	19	20
Italy	1,824	1,836	1,861	1,894	1,909	1,917	1,744	1,854
Latvia	26	27	28	29	30	31	30	31
Lithuania	41	41	42	44	46	48	48	51
Luxembourg	59	60	63	64	65	67	66	70
Montenegro	4	4	4	4	5	5	4	4
Netherlands	751	766	782	806	824	840	808	843
North Macedonia	10	10	10	10	11	11	11	11
Norway	378	386	390	399	403	406	404	420
Poland	458	477	492	516	544	570	555	585
Portugal	196	199	203	211	217	222	204	213
Romania	173	178	186	200	209	217	209	223
Slovak Republic	84	89	90	93	97	99	95	98
Slovenia	42	43	44	47	49	50	48	51
Spain	1,152	1,196	1,232	1,269	1,298	1,325	1,181	1,234
Turkey	815	864	893	960	988	997	1,015	1,107
United Kingdom	2,882	2,957	3,024	3,089	3,140	3,192	2,883	3,082
United States	17,726	18,206	18,510	18,927	19,480	19,925	19,247	20,317
NATO Europe and Canada	17,546	17,897	18,250	18,791	19,153	19,477	18,232	19,227
NATO Total	35,272	36,103	36,760	37,718	38,633	39,402	37,479	39,544

Notes: Figures for 2021 are estimates. The NATO Europe and Canada and NATO Total aggregates from 2017 onwards include Montenegro, which became an Ally on 5 June 2017, and from 2020 onwards include North Macedonia, which became an Ally on 27 March 2020.

Table 6 : GDP per capita and defence expenditure per capita

2015 prices and exchange rates								
	2014	2015	2016	2017	2018	2019	2020	2021e
GDP per capita (thousand US dollars)								
Albania	3.9	4.0	4.1	4.3	4.4	4.5	4.4	4.7
Belgium	40.4	41.0	41.3	41.8	42.4	43.1	40.5	42.8
Bulgaria	6.8	7.1	7.3	7.6	7.9	8.2	7.9	8.3
Canada	43.6	43.6	43.5	44.3	44.8	45.0	42.1	43.7
Croatia	11.6	11.9	12.4	13.0	13.5	14.1	13.0	14.1
Czech Republic	16.9	17.8	18.2	19.2	19.7	20.2	19.0	19.4
Denmark	52.4	53.3	54.5	55.7	56.7	58.0	56.3	58.9
Estonia	17.0	17.4	17.9	18.9	19.6	20.3	19.7	21.6
France	36.4	36.6	36.9	37.6	38.2	38.7	35.5	37.8
Germany	40.9	41.1	41.6	42.7	43.0	43.4	41.2	42.4
Greece	18.0	18.1	18.1	18.3	18.6	19.0	17.3	18.5
Hungary	12.2	12.7	13.0	13.6	14.4	15.1	14.4	15.4
Iceland	51.2	53.0	55.5	56.5	57.7	57.8	53.5	55.6
Italy	30.0	30.2	30.7	31.3	31.6	31.8	29.0	31.0
Latvia	13.2	13.8	14.2	14.9	15.6	16.1	15.6	16.4
Lithuania	13.9	14.3	14.8	15.7	16.4	17.2	17.2	18.1
Luxembourg	105.1	105.4	107.9	107.0	107.0	108.3	104.7	109.9
Montenegro	6.3	6.5	6.7	7.0	7.4	7.7	6.5	7.2
Netherlands	44.5	45.2	45.9	47.0	47.8	48.4	46.3	48.1
North Macedonia	4.7	4.9	5.0	5.0	5.2	5.3	5.1	5.3
Norway	73.7	74.3	74.5	75.6	76.0	76.0	75.0	77.6
Poland	11.9	12.4	12.8	13.4	14.2	14.8	14.5	15.3
Portugal	18.8	19.3	19.7	20.4	21.1	21.6	19.8	20.7
Romania	8.7	9.0	9.4	10.2	10.7	11.2	10.8	11.7
Slovak Republic	15.5	16.3	16.6	17.1	17.7	18.2	17.4	17.9
Slovenia	20.5	20.9	21.5	22.6	23.5	24.1	22.9	24.1
Spain	24.8	25.8	26.5	27.3	27.8	28.1	24.9	25.9
Turkey	10.6	11.0	11.3	12.0	12.1	12.1	12.2	13.1
United Kingdom	44.6	45.4	46.1	46.8	47.3	47.8	42.9	45.6
United States	55.6	56.7	57.3	58.2	59.6	60.7	58.3	61.2
NATO Europe and Canada	29.3	29.7	30.2	30.9	31.4	31.8	29.5	31.1
NATO Total	38.4	39.1	39.6	40.4	41.2	41.8	39.6	41.6
Defence expenditure per capita (US dollars)								
Albania	52	46	45	47	51	58	58	66
Belgium	393	373	370	370	378	383	413	458
Bulgaria	89	88	91	93	114	258	127	134
Canada	439	523	505	637	582	583	604	592
Croatia	211	210	199	214	210	226	223	305
Czech Republic	160	182	173	198	218	239	248	271
Denmark	602	592	626	634	724	744	775	825
Estonia	328	353	371	381	397	418	464	466
France	663	653	660	668	690	704	711	731
Germany	485	488	500	526	538	586	631	631
Greece	400	418	434	435	474	465	504	664
Hungary	105	115	131	163	145	202	255	259
Italy	342	322	362	376	387	372	463	476
Latvia	123	142	204	237	321	324	344	353
Lithuania	122	162	219	268	323	345	358	367
Luxembourg	387	438	410	531	534	588	609	594
Montenegro	95	92	95	94	101	102	113	117
Netherlands	513	512	532	540	582	641	651	696
North Macedonia	51	51	48	45	49	62	64	82
Norway	1,141	1,183	1,299	1,300	1,311	1,414	1,497	1,353
Poland	222	275	255	254	286	294	324	357
Portugal	246	255	250	253	282	297	283	321
Romania	117	130	133	175	193	207	220	220
Slovak Republic	154	182	186	189	218	311	338	309
Slovenia	199	194	216	222	237	254	243	295
Spain	228	239	215	247	258	255	250	266
Turkey	153	153	164	180	221	224	227	210
United Kingdom	949	914	950	965	982	986	985	1,026
United States	2,072	1,998	2,015	1,926	1,958	2,135	2,171	2,187
NATO Europe and Canada	417	422	433	456	474	489	509	523
NATO Total	991	970	984	968	991	1,063	1,088	1,104

Notes: Figures for 2021 are estimates. The NATO Europe and Canada and NATO Total aggregates from 2017 onwards include Montenegro, which became an Ally on 5 June 2017, and from 2020 onwards include North Macedonia, which became an Ally on 27 March 2020.

Table 7 : Military personnel

Thousands

	2014	2015	2016	2017	2018	2019	2020	2021e
Albania	6.7	6.2	5.8	6.8	6.8	6.8	6.7	6.6
Belgium	30.5	29.7	28.8	27.8	26.5	23.3	22.8	22.7
Bulgaria	27.5	24.9	24.7	24.3	24.4	24.6	25.0	26.0
Canada	65.9	70.3	70.5	68.2	70.3	69.4	71.0	71.1
Croatia	15.4	15.1	14.8	14.8	15.0	14.8	14.7	14.4
Czech Republic	20.2	21.5	22.7	23.8	24.7	25.3	26.1	26.4
Denmark	16.9	17.2	17.3	16.7	17.2	16.3	16.9	17.0
Estonia	6.3	6.0	6.1	6.0	6.2	6.3	6.7	6.8
France	207.0	204.8	208.1	208.2	208.2	207.8	207.6	207.5
Germany	178.8	177.2	177.9	179.8	181.5	183.8	183.9	184.8
Greece	107.3	104.4	106.0	106.9	109.2	102.5	106.6	109.7
Hungary	17.5	17.4	17.9	18.7	19.9	18.9	19.8	19.8
Italy	183.5	178.4	176.3	174.6	174.1	176.4	173.4	175.3
Latvia	4.6	4.8	5.2	5.5	5.9	6.0	6.4	6.6
Lithuania	8.6	11.8	11.8	13.5	14.3	14.9	15.1	16.7
Luxembourg	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.8
Montenegro	1.9	1.7	1.5	1.5	1.5	1.5	1.9	1.7
Netherlands	41.2	40.6	40.0	39.5	39.3	39.7	40.4	40.8
North Macedonia	6.5	6.8	6.6	6.3	6.5	6.4	6.4	6.1
Norway	21.0	20.9	20.5	20.2	20.2	19.2	20.6	22.2
Poland	99.0	98.9	101.6	105.3	109.5	113.1	116.2	121.0
Portugal	30.7	28.3	29.8	27.8	26.9	23.8	23.7	24.1
Romania	65.1	64.5	63.4	64.0	64.0	64.5	66.4	68.6
Slovak Republic	12.4	12.4	12.2	12.2	12.2	12.7	13.1	13.1
Slovenia	6.8	6.6	6.5	6.3	6.2	6.0	6.0	6.0
Spain	121.8	121.6	121.0	117.7	117.4	117.0	118.7	119.0
Turkey	426.6	384.8	359.3	416.7	444.3	441.8	433.0	439.1
United Kingdom	168.7	141.4	139.5	149.4	146.6	144.0	147.3	156.2
United States	1,338.2	1,314.1	1,301.4	1,305.9	1,317.4	1,339.0	1,346.0	1,351.5
NATO Europe and Canada	1,891	1,811	1,788	1,857	1,893	1,881	1,897	1,930
NATO Total	3,229	3,125	3,090	3,163	3,210	3,220	3,243	3,282

Notes: Figures for 2021 are estimates. The NATO Europe and Canada and NATO Total aggregates from 2017 onwards include Montenegro, which became an Ally on 5 June 2017, and from 2020 onwards include North Macedonia, which became an Ally on 27 March 2020.

Table 8a : Distribution of defence expenditure by main category

	Percentage of total defence expenditure							
	2014	2015	2016	2017	2018	2019	2020	2021e
Equipment (a)								
Albania	16.65	8.92	8.01	6.96	9.42	14.61	15.00	14.86
Belgium	3.52	3.44	4.72	6.52	10.15	11.06	13.88	16.85
Bulgaria	1.03	3.47	9.15	8.10	9.65	59.74	8.44	15.58
Canada	13.03	10.47	10.61	10.70	11.94	13.84	14.66	17.66
Croatia	5.56	8.01	7.51	5.69	3.37	6.55	9.06	30.60
Czech Republic	6.53	11.75	6.70	11.55	11.16	16.44	17.31	20.23
Denmark	10.99	11.50	13.68	10.39	11.66	16.21	17.65	18.83
Estonia	22.15	12.82	17.86	19.22	16.51	15.50	23.00	22.05
France	24.64	25.04	24.44	24.17	23.66	24.45	26.62	27.79
Germany	12.94	11.93	12.21	11.77	12.36	14.69	17.45	18.60
Greece	8.17	10.40	13.45	11.28	11.03	11.55	10.70	38.78
Hungary	7.76	9.75	13.37	18.54	12.63	36.46	45.57	37.16
Italy	10.92	9.72	19.09	20.68	19.13	17.00	18.56	21.79
Latvia	7.55	13.60	19.05	15.01	31.85	21.65	20.53	23.07
Lithuania	14.06	21.55	30.06	31.61	36.98	37.57	33.71	24.62
Luxembourg	22.61	33.33	30.07	42.06	45.18	49.71	50.15	38.18
Montenegro	7.46	5.43	4.46	4.97	11.14	14.96	20.96	20.54
Netherlands	10.68	11.16	14.14	14.75	16.39	20.36	22.16	26.83
North Macedonia	5.92	11.13	8.37	6.47	11.09	13.82	11.53	23.22
Norway	20.42	21.83	23.37	24.63	25.60	28.76	28.41	28.84
Poland	18.84	33.20	21.62	22.04	27.51	23.36	29.31	32.96
Portugal	8.43	8.70	9.95	11.42	15.48	16.61	17.36	17.77
Romania	15.77	19.65	20.43	33.34	33.47	25.59	23.12	21.57
Slovak Republic	11.12	18.28	15.32	17.74	22.27	40.07	31.84	27.44
Slovenia	0.66	1.85	1.02	4.04	5.98	7.11	5.69	15.72
Spain	13.49	14.82	6.65	20.39	21.83	21.02	19.43	22.75
Turkey	25.08	25.13	25.55	30.30	37.64	34.32	30.73	30.71
United Kingdom	22.82	21.75	21.24	22.29	22.25	22.85	23.83	26.13
United States	25.97	25.41	25.05	25.73	27.06	27.51	29.25	29.35
Personnel (b)								
Albania	68.05	78.15	68.05	68.20	70.70	62.89	64.41	57.90
Belgium	77.84	78.23	76.80	75.20	70.69	68.38	63.58	56.32
Bulgaria	72.84	73.66	65.64	68.33	62.99	29.42	63.79	63.12
Canada	50.90	53.76	53.11	57.37	51.02	49.54	50.95	47.50
Croatia	76.55	72.28	75.40	71.72	76.96	73.71	76.15	55.44
Czech Republic	61.40	55.27	61.97	56.11	54.57	51.82	49.72	44.82
Denmark	51.27	52.01	49.51	47.01	49.88	48.25	46.07	44.41
Estonia	38.62	39.56	38.70	34.89	33.83	34.18	32.67	32.86
France	48.59	47.79	47.94	47.98	46.90	45.78	44.01	42.91
Germany	50.67	49.86	48.35	48.96	47.99	45.26	42.22	41.81
Greece	77.18	72.05	73.13	76.56	78.76	77.08	74.58	55.37
Hungary	49.77	48.21	49.66	37.13	42.33	35.37	27.18	29.43
Italy	76.41	77.55	70.79	67.58	68.16	70.21	67.52	63.75
Latvia	52.97	50.06	43.87	38.59	34.32	33.53	37.15	38.24
Lithuania	57.53	48.49	45.50	40.79	37.47	40.02	41.33	45.22
Luxembourg	49.31	42.77	45.56	34.40	33.42	30.76	30.13	29.48
Montenegro	78.53	78.03	75.32	80.87	73.50	71.39	64.66	59.90
Netherlands	56.50	55.51	51.77	52.19	51.16	49.11	48.37	47.79
North Macedonia	72.49	70.95	71.26	75.25	71.53	61.93	63.33	50.08
Norway	40.64	39.96	38.60	37.08	36.43	34.78	34.51	34.30
Poland	51.45	41.96	47.15	50.04	46.14	46.91	44.71	42.16
Portugal	81.27	81.90	81.38	80.19	74.75	70.51	71.15	64.10
Romania	71.15	63.30	65.01	54.67	54.48	57.90	59.20	57.80
Slovak Republic	69.14	56.24	58.72	58.21	54.74	40.81	42.34	49.27
Slovenia	82.31	82.23	76.03	75.04	72.38	69.07	72.75	60.33
Spain	67.34	65.18	72.61	61.64	59.64	61.86	62.54	60.12
Turkey	56.88	56.82	57.60	51.02	45.18	48.38	50.64	54.26
United Kingdom	36.59	36.80	35.27	34.54	33.75	34.07	33.80	31.80
United States	35.45	36.64	45.01	41.53	39.74	38.93	37.38	37.47

Notes: Figures for 2021 are estimates.

(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 8b : Distribution of defence expenditure by main category

	Percentage of total defence expenditure							
	2014	2015	2016	2017	2018	2019	2020	2021e
Infrastructure (c)								
Albania	0.86	1.40	1.37	0.92	1.09	1.64	1.39	6.65
Belgium	1.81	0.93	0.96	1.05	1.43	1.19	1.00	1.70
Bulgaria	0.63	1.27	0.63	0.83	2.62	1.09	7.71	6.33
Canada	3.81	3.63	3.03	2.98	3.58	2.72	3.03	3.32
Croatia	1.24	1.98	1.26	3.59	1.00	1.41	1.53	0.71
Czech Republic	2.34	3.32	3.91	3.99	5.31	5.27	7.41	8.45
Denmark	0.97	1.09	2.16	1.95	1.49	1.85	1.84	3.53
Estonia	8.20	8.45	12.15	11.27	8.52	6.13	6.65	6.49
France	2.33	2.80	2.70	2.88	3.51	3.12	2.88	3.03
Germany	3.75	3.60	3.39	4.06	4.15	3.99	3.78	2.50
Greece	1.10	0.65	0.58	0.79	0.62	0.20	0.18	0.09
Hungary	1.07	1.21	1.13	1.31	1.68	2.64	1.41	3.59
Italy	1.40	1.30	0.70	0.94	1.29	0.67	0.97	1.63
Latvia	8.89	6.64	12.83	15.02	6.45	10.30	11.85	8.11
Lithuania	2.17	2.16	3.59	3.92	2.24	2.40	1.25	2.40
Luxembourg	10.26	7.79	6.64	4.64	5.05	3.16	3.42	11.53
Montenegro	0.96	2.47	2.41	0.88	1.86	1.48	1.33	5.26
Netherlands	4.77	3.19	3.90	3.02	3.46	3.26	3.14	2.99
North Macedonia	1.24	1.67	1.28	1.01	0.95	3.89	2.78	3.04
Norway	5.71	5.30	6.56	6.93	6.67	5.87	6.55	6.19
Poland	5.47	4.74	4.62	4.21	3.45	4.78	4.31	4.00
Portugal	0.11	0.25	0.06	0.03	0.05	0.11	0.08	0.07
Romania	1.09	1.27	2.77	2.09	1.54	3.53	4.29	7.06
Slovak Republic	0.57	1.99	3.75	2.97	2.00	1.17	5.21	2.32
Slovenia	0.65	0.61	1.14	0.45	1.40	0.57	1.10	1.43
Spain	0.66	0.97	0.97	0.68	0.64	0.98	1.07	0.73
Turkey	2.77	2.56	2.42	2.95	2.53	2.26	2.22	2.09
United Kingdom	1.95	1.63	1.87	2.25	2.99	2.11	1.72	1.49
United States	1.71	1.45	1.22	1.23	1.17	1.28	1.33	1.58
Other (d)								
Albania	14.44	11.53	22.57	23.92	18.79	20.86	19.20	20.59
Belgium	16.83	17.40	17.52	17.23	17.72	19.36	21.54	25.13
Bulgaria	25.51	21.60	24.57	22.74	24.74	9.74	20.05	14.97
Canada	32.26	32.14	33.25	28.95	33.46	33.90	31.36	31.52
Croatia	16.65	17.73	15.83	18.99	18.67	18.33	13.27	13.26
Czech Republic	29.73	29.65	27.43	28.35	28.95	26.47	25.56	26.50
Denmark	36.78	35.40	34.65	40.66	36.97	33.69	34.44	33.23
Estonia	31.03	39.18	31.30	34.62	41.14	44.20	37.68	38.60
France	24.43	24.37	24.92	24.97	25.92	26.65	26.49	26.27
Germany	32.63	34.61	36.05	35.20	35.49	36.06	36.55	37.09
Greece	13.55	16.90	12.84	11.37	9.60	11.17	14.55	5.76
Hungary	41.40	40.83	35.84	43.01	43.36	25.53	25.84	29.82
Italy	11.27	11.42	9.42	10.80	11.43	12.11	12.95	12.84
Latvia	30.59	29.69	24.25	31.38	27.38	34.51	30.46	30.58
Lithuania	26.24	27.79	20.85	23.67	23.30	20.01	23.71	27.76
Luxembourg	17.82	16.11	17.73	18.90	16.35	16.37	16.30	20.80
Montenegro	13.06	14.07	17.80	13.27	13.50	12.16	13.06	14.30
Netherlands	28.05	30.14	30.20	30.04	28.99	27.27	26.33	22.40
North Macedonia	20.34	16.25	19.09	17.26	16.43	20.36	22.37	23.66
Norway	33.24	32.90	31.46	31.36	31.30	30.59	30.53	30.67
Poland	24.24	20.11	26.61	23.71	22.89	24.95	21.67	20.88
Portugal	10.19	9.15	8.61	8.35	9.72	12.77	11.41	18.06
Romania	11.98	15.78	11.79	9.90	10.51	12.99	13.38	13.57
Slovak Republic	19.16	23.49	22.22	21.08	20.99	17.95	20.60	20.98
Slovenia	16.38	15.31	21.80	20.47	20.24	23.25	20.46	22.52
Spain	18.50	19.03	19.78	17.28	17.89	16.14	16.96	16.41
Turkey	15.27	15.49	14.43	15.73	14.65	15.04	16.41	12.94
United Kingdom	38.63	39.82	41.62	40.92	41.01	40.97	40.65	40.59
United States	36.87	36.51	28.73	31.52	32.03	32.28	32.04	31.59

Notes: Figures for 2021 are estimates.

(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 for Armed Forces financed from 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, Space Command, Cyber 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 is 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 is included in defence expenditure.

Pension payments made directly by the government to retired military and civilian employees of military departments is 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 included in defence expenditure. R&D costs 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).

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. Latvia adopted the Euro from 2014 and Lithuania from 2015. Montenegro joined the Alliance in 2017 and North Macedonia in 2020.

To avoid any ambiguity, the fiscal year has been designated by the year which includes the highest number of months: e.g. 2021 represents the fiscal year 2021/2022 for Canada and United Kingdom, and the fiscal year 2020/2021 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 8a) – lines 2.1 + 3.1
- Personnel (Table 8a) – lines 1.1 + 1.2 + 1.3
- Infrastructure (Table 8b) – lines 2.2 + 2.3
- Other (Table 8b) – lines 1.4 + 3.2 + 4