

29 June/juin 2017

COMMUNIQUE
PR/CP(2017)111

Defence Expenditure of NATO Countries (2010-2017)

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. NATO also makes use of 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 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.

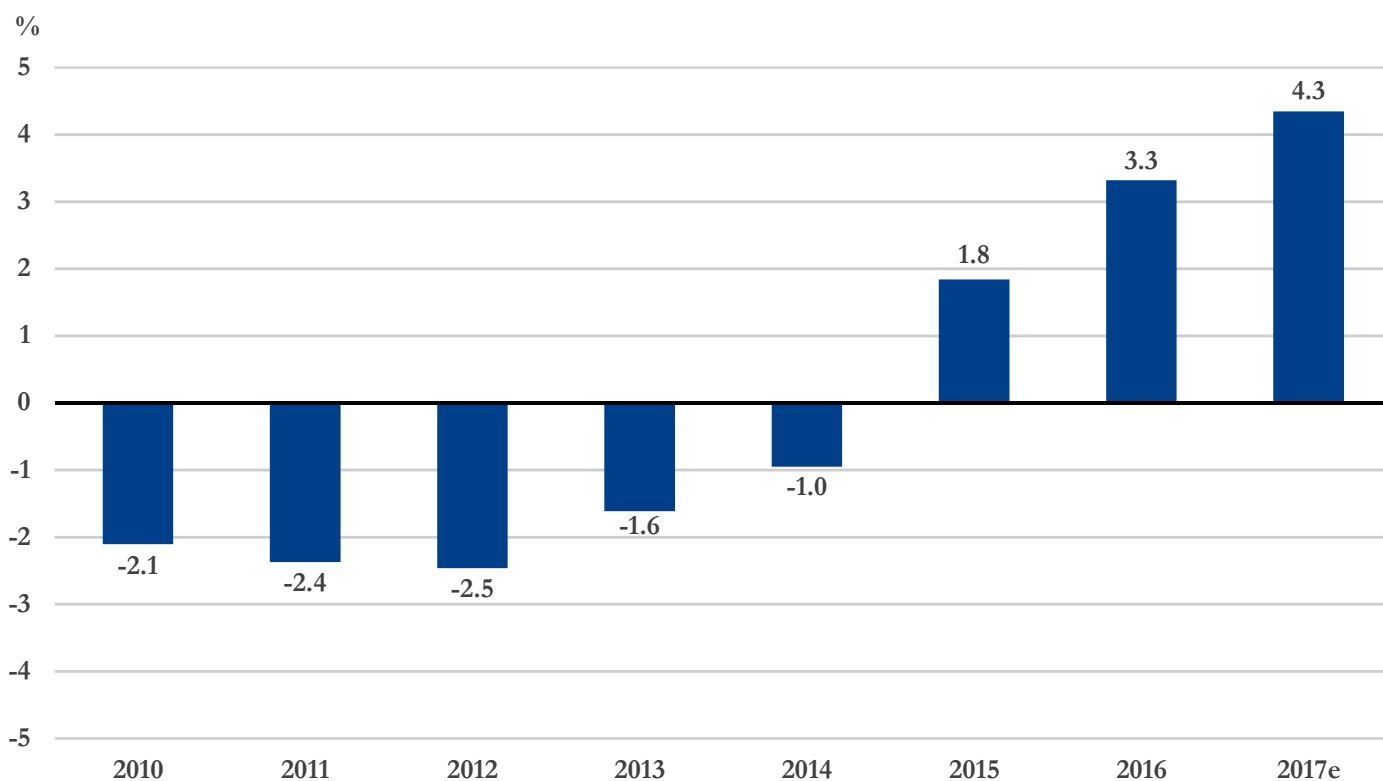
The cut-off date for information used in this report was 26 June 2017. Figures for 2017 are estimates.

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?"

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Graph 1 : NATO Europe and Canada - defence expenditure

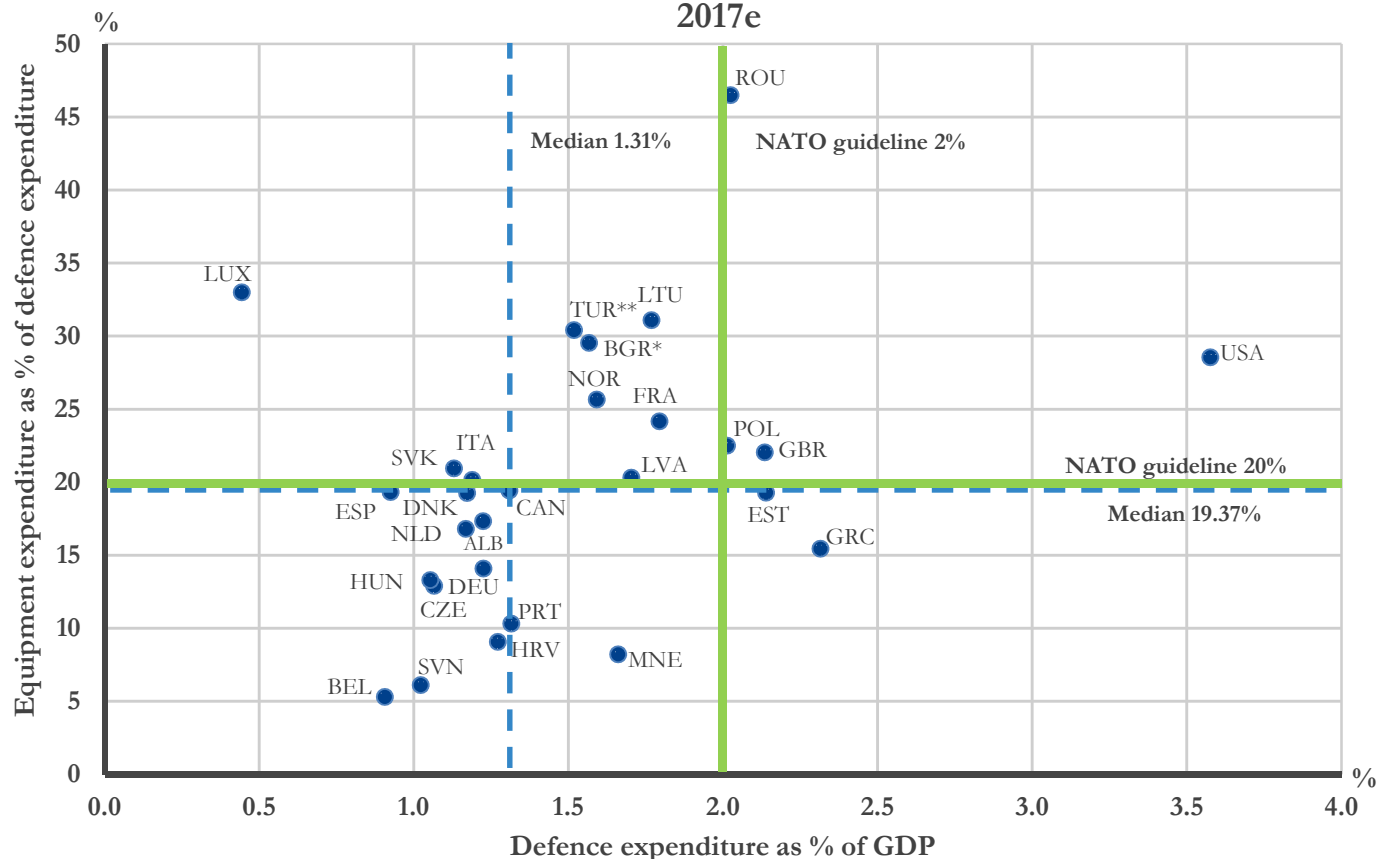
(annual real change, based on 2010 prices and exchange rates)



Cumulative spending increase for the period from 2015 to 2017, above 2014 level: +45.8 Bn USD

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

2017e



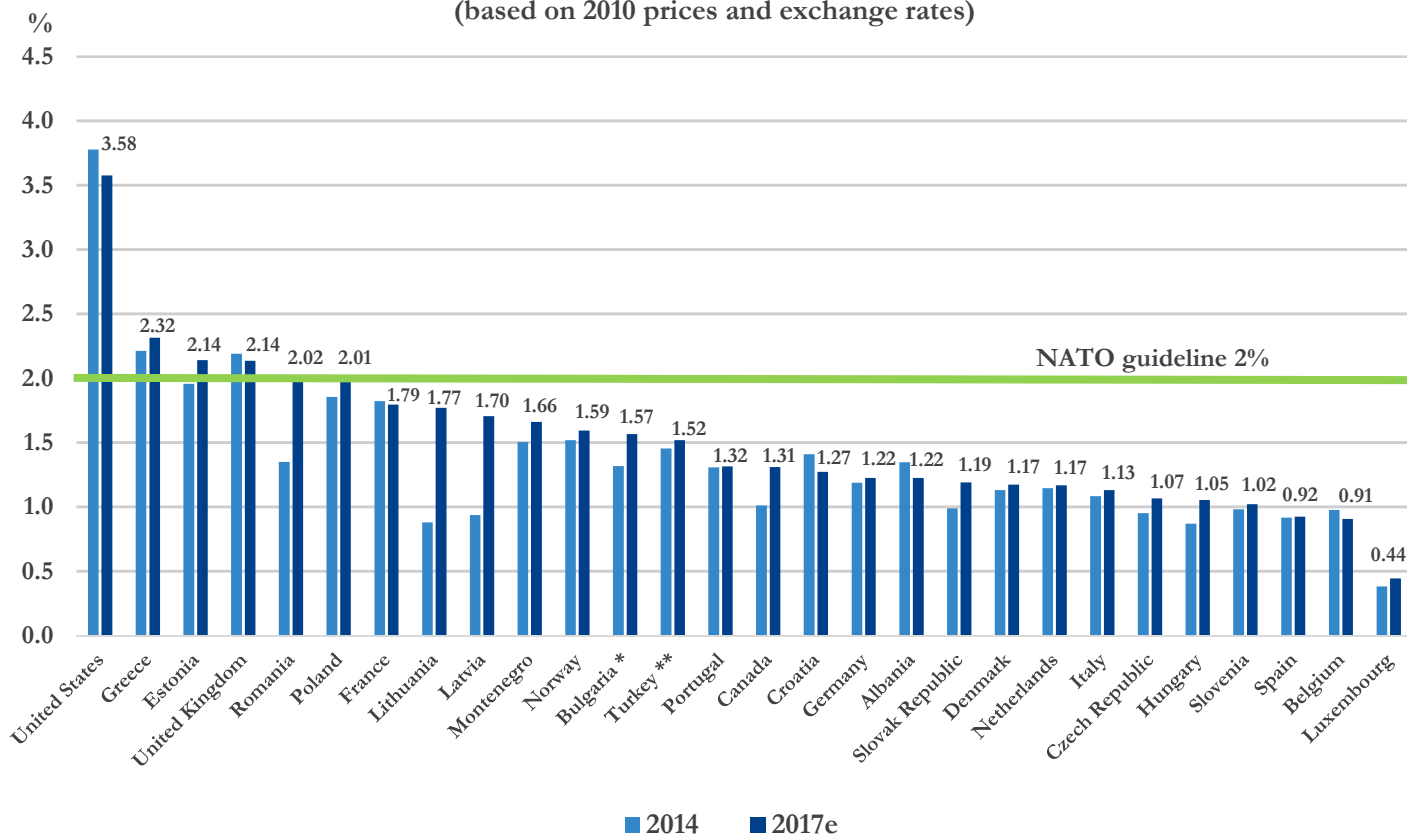
Notes: Figures for 2017 are estimates. The NATO Europe and Canada aggregate from 2017 includes Montenegro, which became an Ally on 5 June 2017.

* Defence expenditure does not include pensions.

** In December 2016, Turkey fundamentally changed the calculation methodology of GDP (to bring it in line with the European System of Accounts (ESA) 2010), resulting in significant increases from 2011. If one uses the previous methodology, then the corresponding percentage for 2017 is 1.86%.

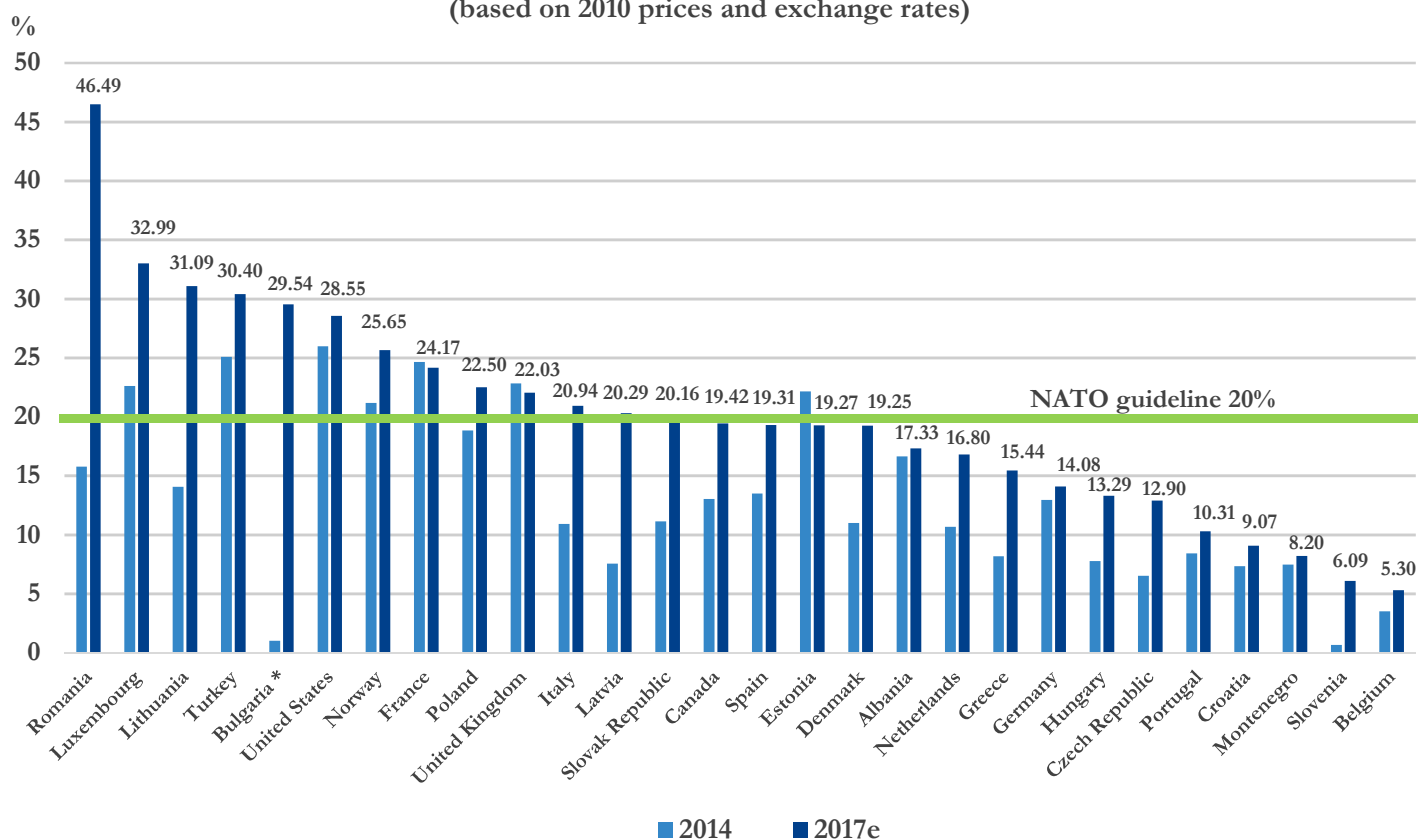
Graph 3 : Defence expenditure as a share of GDP (%)

(based on 2010 prices and exchange rates)



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

(based on 2010 prices and exchange rates)

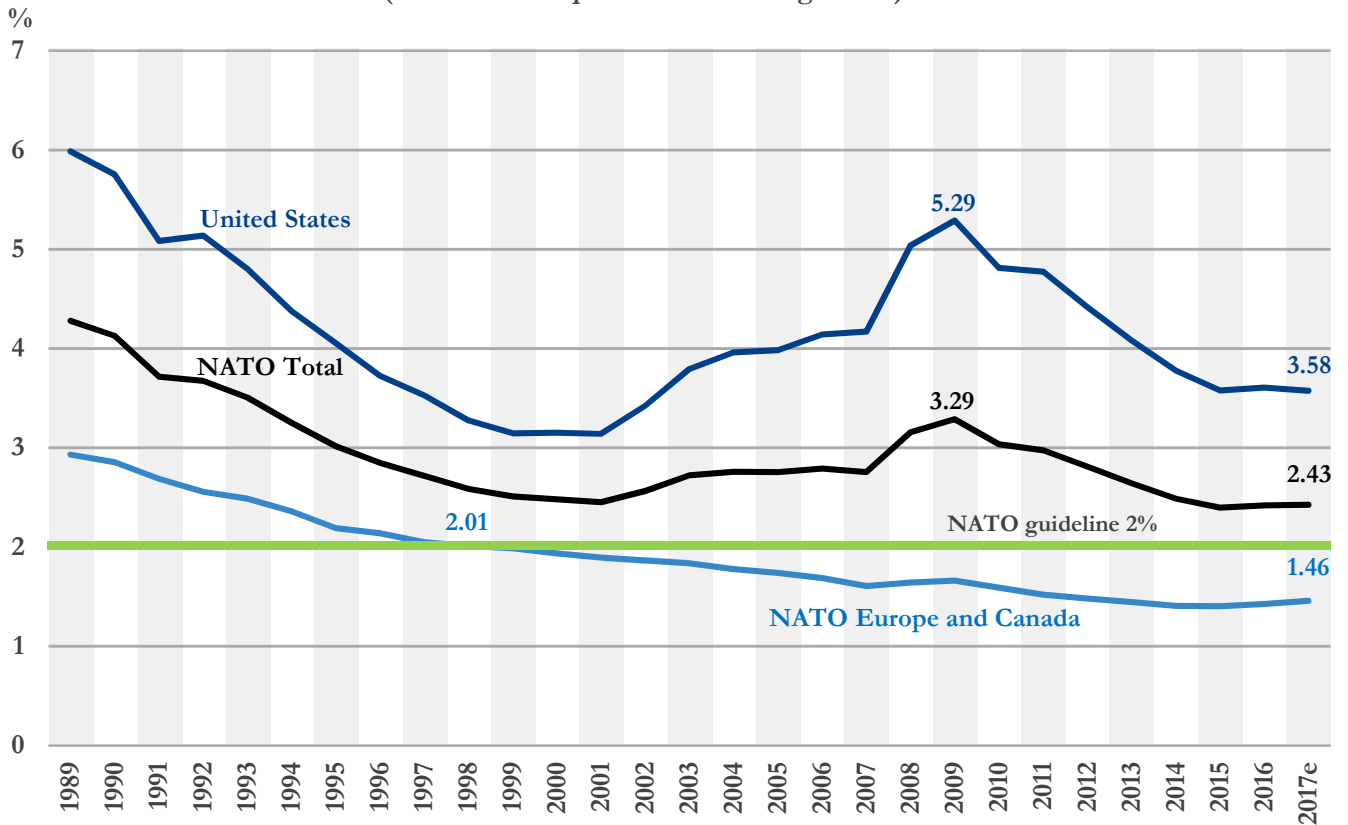


Notes: Figures for 2017 are estimates.

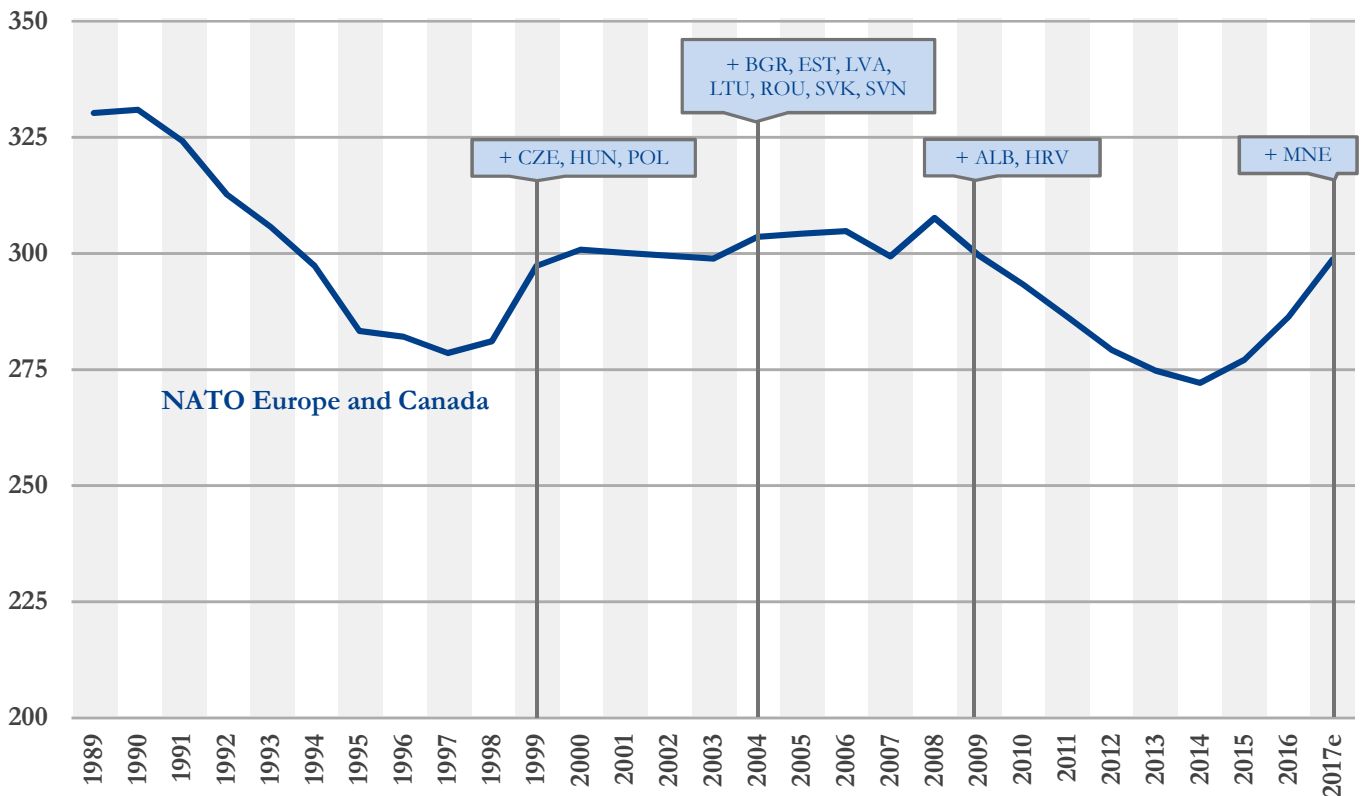
* Defence expenditure does not include pensions.

** In December 2016, Turkey fundamentally changed the calculation methodology of GDP (to bring it in line with the European System of Accounts (ESA) 2010), resulting in significant increases from 2011. If one uses the previous methodology, then the corresponding percentages for 2014 and 2017 are 1.70% and 1.86%, respectively.

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



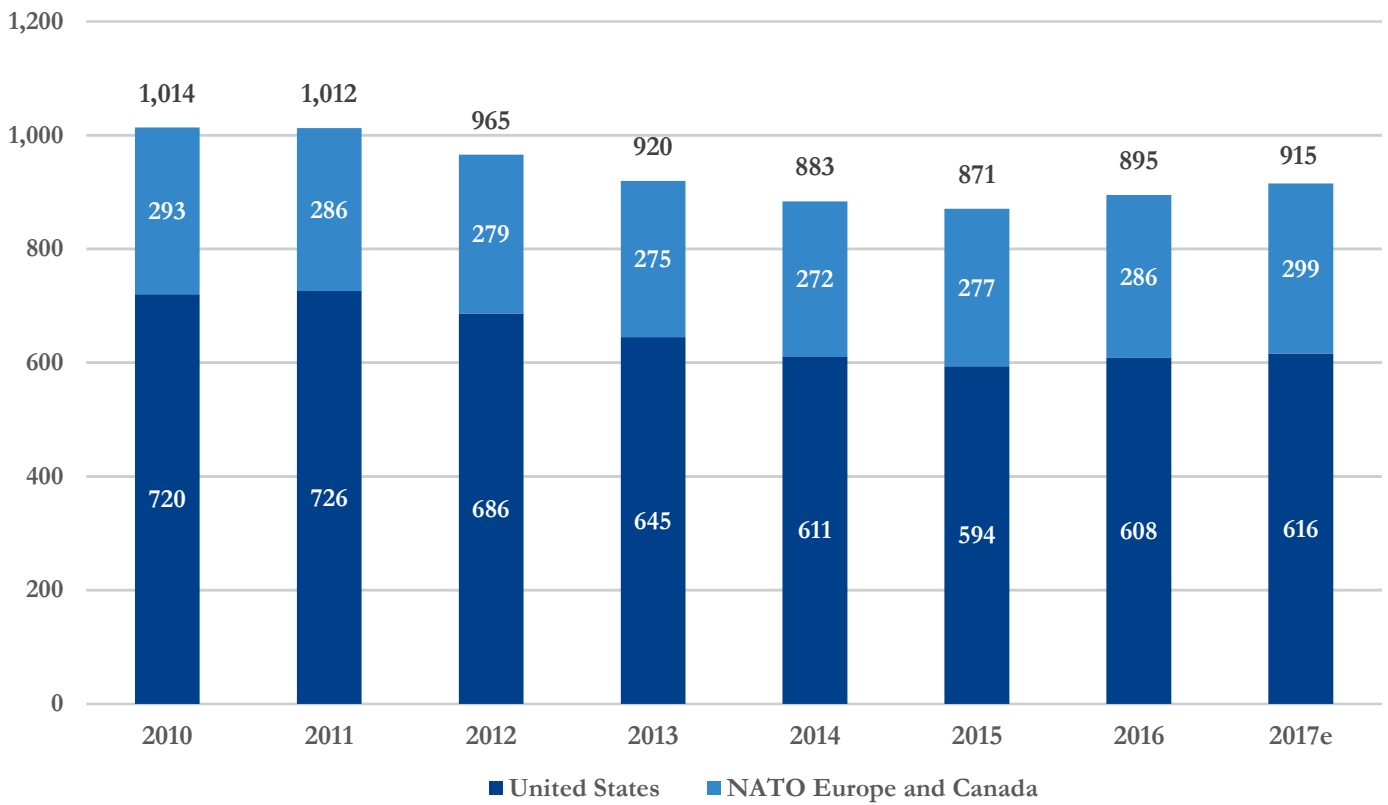
Graph 6 : NATO Europe and Canada - defence expenditure
(billion US dollars, based on 2010 prices and exchange rates)



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

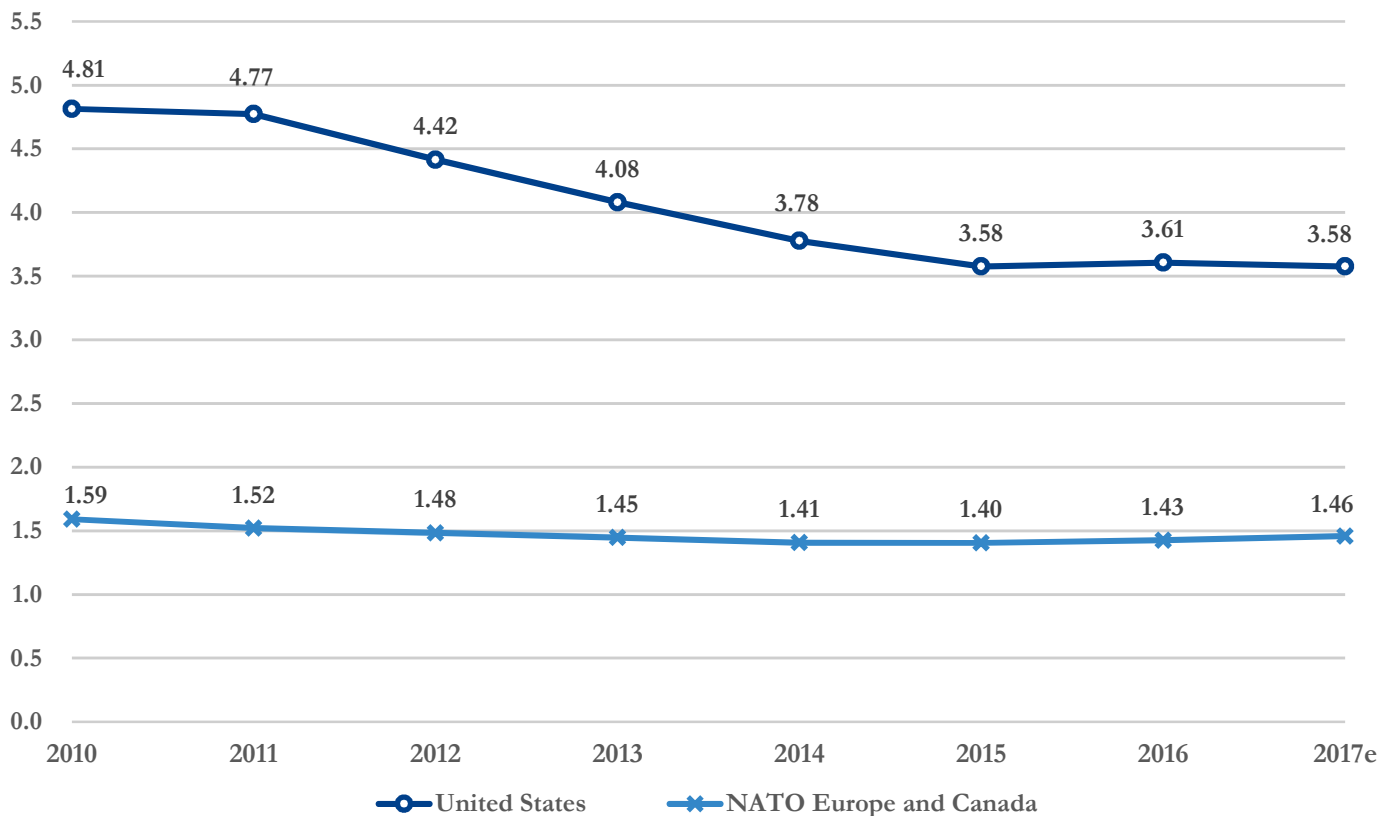
Graph 7 : Defence expenditure

(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 2017 are estimates. The NATO Europe and Canada aggregate from 2017 includes Montenegro, which became an Ally on 5 June 2017.

Table 1 : Defence expenditure

National currency units, million

	2010	2011	2012	2013	2014	2015	2016	2017e
Current prices								
Albania (Leks)	19,321	19,877	19,820	19,022	18,788	16,671	16,250	19,352
Belgium (Euros)	3,960	3,956	4,023	3,964	3,913	3,789	3,901	3,965
Bulgaria* (Leva)	1,230	1,066	1,099	1,196	1,102	1,116	1,186	1,508
Canada (Canadian dollars)	19,255	21,808	19,978	18,764	20,076	23,919	24,085	27,607
Croatia (Kunas)	5,057	5,323	5,059	4,848	4,625	4,586	4,241	4,553
Czech Republic (Koruny)	50,808	43,131	42,780	42,035	41,003	47,264	45,598	52,465
Denmark (Kroner)	25,328	24,259	25,618	23,682	22,769	22,633	24,190	25,165
Estonia (Euros)	251	280	340	361	386	418	450	478
France (Euros)	39,241	38,443	39,105	39,402	39,149	39,199	39,950	40,852
Germany (Euros)	34,925	34,630	36,168	34,593	34,749	35,898	37,598	39,509
Greece (Euros)	5,966	4,934	4,384	3,999	3,939	4,073	4,190	4,213
Hungary (Forint)	280,895	295,967	297,650	286,341	281,402	316,338	362,798	389,483
Italy (Euros)	21,637	21,741	20,600	20,078	18,427	17,642	20,226	20,787
Latvia (Euros)	189	206	193	212	221	254	360	448
Lithuania (Euros)	246	248	252	267	322	425	575	724
Luxembourg (Euros)	187	167	167	176	190	225	213	256
Montenegro (Euros)	56	57	53	49	52	51	56	66
Netherlands (Euros)	8,472	8,156	8,067	7,702	7,788	7,816	8,234	8,686
Norway (Kroner)	39,279	40,534	41,560	43,518	46,234	46,900	50,937	54,306
Poland (Zlotys)	25,608	26,979	28,365	28,467	31,874	39,940	37,082	39,193
Portugal (Euros)	2,673	2,627	2,366	2,457	2,263	2,384	2,364	2,512
Romania (New Lei)	6,630	7,255	7,282	8,160	9,014	10,337	10,738	16,322
Slovak Republic (Euros)	859	766	794	729	752	889	907	1,004
Slovenia (Euros)	583	479	423	382	366	361	406	426
Spain (Euros)	11,132	10,059	10,828	9,495	9,508	10,000	9,014	10,739
Turkey (Liras)	21,241	22,807	24,956	27,466	29,727	32,522	38,141	44,240
United Kingdom (Pounds)	39,053	39,204	36,563	39,824	39,902	38,940	42,189	43,002
United States (US dollars)	720,423	740,744	712,947	680,856	653,942	641,253	664,058	683,414
Constant 2010 prices								
Albania (Leks)	19,321	19,427	19,172	18,347	17,865	15,806	15,446	17,874
Belgium (Euros)	3,960	3,878	3,864	3,764	3,691	3,543	3,592	3,575
Bulgaria* (Leva)	1,230	1,006	1,021	1,119	1,026	1,017	1,069	1,346
Canada (Canadian dollars)	19,255	21,123	19,117	17,676	18,559	22,286	22,306	25,041
Croatia (Kunas)	5,057	5,235	4,898	4,657	4,440	4,399	4,073	4,313
Czech Republic (Koruny)	50,808	43,122	42,156	40,837	38,870	44,361	42,344	48,035
Denmark (Kroner)	25,328	23,604	24,340	22,314	21,339	21,115	22,522	23,140
Estonia (Euros)	251	266	313	320	337	360	381	390
France (Euros)	39,241	38,084	38,297	38,290	37,825	37,465	38,036	38,558
Germany (Euros)	34,925	34,263	35,242	33,058	32,609	33,037	34,109	35,515
Greece (Euros)	5,966	4,894	4,365	4,078	4,092	4,276	4,395	4,319
Hungary (Forint)	280,895	289,566	281,604	263,171	250,222	276,498	314,010	331,325
Italy (Euros)	21,637	20,949	19,521	18,526	16,709	15,735	17,610	17,906
Latvia (Euros)	189	194	175	189	195	222	313	383
Lithuania (Euros)	246	235	233	244	291	383	512	627
Luxembourg (Euros)	187	159	155	161	172	202	192	227
Montenegro (Euros)	56	57	52	48	50	48	52	60
Netherlands (Euros)	8,472	8,057	7,827	7,359	7,374	7,393	7,721	8,011
Norway (Kroner)	39,279	39,465	39,622	40,244	41,985	41,299	44,006	45,790
Poland (Zlotys)	25,608	26,135	26,847	26,865	29,933	37,226	34,494	35,938
Portugal (Euros)	2,673	2,634	2,382	2,418	2,211	2,282	2,227	2,340
Romania (New Lei)	6,630	6,927	6,641	7,196	7,818	8,755	8,902	13,329
Slovak Republic (Euros)	859	754	771	705	728	863	884	969
Slovenia (Euros)	583	474	417	373	355	347	388	402
Spain (Euros)	11,132	10,056	10,817	9,452	9,490	9,931	8,925	10,483
Turkey (Liras)	21,241	21,012	21,395	22,246	22,371	22,662	24,720	26,368
United Kingdom (Pounds)	39,053	38,431	35,299	37,729	37,191	36,096	38,440	38,334
United States (US dollars)	720,423	725,768	686,226	644,803	611,159	593,577	608,377	616,029

* Data do not include pensions.

Table 2 : Defence expenditure

Million US dollars

	2010	2011	2012	2013	2014	2015	2016	2017e
Current prices and exchange rates								
NATO Europe	274,592	281,683	263,654	269,441	270,202	235,121	237,883	242,234
Albania	186	197	183	180	178	132	131	152
Belgium	5,245	5,500	5,169	5,264	5,192	4,202	4,315	4,303
Bulgaria *	832	758	722	811	747	633	671	821
Croatia	920	996	865	850	805	669	623	651
Czech Republic	2,660	2,437	2,185	2,148	1,975	1,921	1,866	2,119
Denmark	4,504	4,518	4,423	4,216	4,056	3,364	3,593	3,667
Estonia	332	389	437	480	513	463	497	519
France	51,971	53,441	50,245	52,316	51,940	43,474	44,191	44,333
Germany	46,255	48,140	46,470	45,932	46,102	39,813	41,590	42,875
Greece	7,902	6,858	5,633	5,310	5,226	4,517	4,635	4,572
Hungary	1,351	1,472	1,322	1,280	1,210	1,132	1,289	1,355
Italy	28,656	30,223	26,468	26,658	24,448	19,566	22,373	22,558
Latvia	251	286	248	281	293	281	398	487
Lithuania	326	344	324	355	427	471	636	785
Luxembourg	248	232	214	234	253	249	236	278
Montenegro	74	80	68	65	69	57	62	72
Netherlands	11,220	11,339	10,365	10,226	10,332	8,668	9,108	9,426
Norway	6,499	7,232	7,143	7,407	7,336	5,816	6,064	6,309
Poland	8,493	9,106	8,710	9,007	10,104	10,596	9,405	9,997
Portugal	3,540	3,652	3,040	3,262	3,003	2,644	2,615	2,726
Romania	2,086	2,380	2,100	2,452	2,692	2,581	2,633	3,844
Slovak Republic	1,138	1,065	1,020	968	997	986	1,003	1,090
Slovenia	772	666	543	507	486	401	449	462
Spain	14,743	13,984	13,912	12,607	12,614	11,090	9,971	11,655
Turkey	14,134	13,616	13,895	14,427	13,583	11,957	12,629	12,315
United Kingdom	60,329	62,852	58,016	62,263	65,690	59,492	56,964	54,863
North America	739,113	762,784	732,941	699,077	672,092	659,953	682,230	703,729
Canada	18,690	22,040	19,994	18,221	18,150	18,700	18,172	20,315
United States	720,423	740,744	712,947	680,856	653,942	641,253	664,058	683,414
NATO Total	1,013,705	1,044,467	996,595	968,518	942,294	895,074	920,114	945,962
Constant 2010 prices and exchange rates								
NATO Europe	274,592	265,810	260,703	257,595	254,115	255,507	264,680	274,458
Albania	186	187	184	177	172	152	149	172
Belgium	5,245	5,137	5,118	4,985	4,889	4,693	4,757	4,735
Bulgaria *	832	681	691	757	695	689	723	911
Croatia	920	952	891	847	808	800	741	785
Czech Republic	2,660	2,258	2,207	2,138	2,035	2,323	2,217	2,515
Denmark	4,504	4,197	4,328	3,968	3,794	3,754	4,005	4,115
Estonia	332	352	415	424	446	477	505	516
France	51,971	50,439	50,721	50,711	50,096	49,619	50,376	51,067
Germany	46,255	45,378	46,675	43,783	43,188	43,755	45,175	47,036
Greece	7,902	6,482	5,782	5,401	5,420	5,664	5,821	5,720
Hungary	1,351	1,393	1,354	1,266	1,203	1,330	1,510	1,593
Italy	28,656	27,746	25,853	24,536	22,130	20,840	23,323	23,715
Latvia	251	256	232	251	258	295	415	507
Lithuania	326	312	309	323	385	507	678	830
Luxembourg	248	211	206	214	227	267	255	301
Montenegro	74	75	69	63	66	64	69	80
Netherlands	11,220	10,670	10,367	9,747	9,766	9,791	10,225	10,610
Norway	6,499	6,530	6,556	6,659	6,947	6,833	7,281	7,576
Poland	8,493	8,667	8,904	8,910	9,927	12,346	11,440	11,919
Portugal	3,540	3,489	3,155	3,203	2,929	3,022	2,949	3,099
Romania	2,086	2,180	2,090	2,264	2,460	2,755	2,801	4,194
Slovak Republic	1,138	999	1,022	934	964	1,143	1,170	1,283
Slovenia	772	627	552	494	471	460	514	533
Spain	14,743	13,319	14,327	12,519	12,569	13,153	11,820	13,884
Turkey	14,134	13,982	14,237	14,803	14,886	15,080	16,449	17,546
United Kingdom	60,329	59,368	54,530	58,283	57,451	55,760	59,381	59,218
North America	739,113	746,272	704,783	661,961	629,175	615,210	630,029	640,336
Canada	18,690	20,504	18,557	17,158	18,015	21,633	21,652	24,307
United States	720,423	725,768	686,226	644,803	611,159	593,577	608,377	616,029
NATO Total	1,013,705	1,012,082	965,485	919,556	883,290	870,717	894,709	914,795

Notes: Figures for 2017 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.

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

Based on 2010 prices

	2010	2011	2012	2013	2014	2015	2016	2017e
Share of real GDP (%)								
NATO Europe	1.63	1.55	1.52	1.49	1.45	1.43	1.45	1.47
Albania	1.56	1.53	1.49	1.41	1.35	1.16	1.10	1.22
Belgium	1.08	1.04	1.04	1.01	0.98	0.92	0.93	0.91
Bulgaria *	1.64	1.32	1.34	1.46	1.32	1.26	1.28	1.57
Croatia	1.54	1.60	1.53	1.47	1.41	1.37	1.24	1.27
Czech Republic	1.29	1.07	1.05	1.03	0.95	1.04	0.97	1.07
Denmark	1.40	1.29	1.32	1.20	1.13	1.10	1.16	1.17
Estonia	1.70	1.68	1.90	1.91	1.96	2.06	2.15	2.14
France	1.96	1.87	1.87	1.86	1.82	1.79	1.79	1.79
Germany	1.35	1.28	1.31	1.22	1.19	1.18	1.20	1.22
Greece	2.64	2.38	2.29	2.21	2.21	2.32	2.38	2.32
Hungary	1.04	1.05	1.04	0.95	0.87	0.93	1.04	1.05
Italy	1.35	1.30	1.24	1.20	1.08	1.01	1.12	1.13
Latvia	1.06	1.01	0.88	0.93	0.94	1.04	1.44	1.70
Lithuania	0.88	0.79	0.76	0.76	0.88	1.14	1.49	1.77
Luxembourg	0.47	0.39	0.38	0.38	0.38	0.43	0.39	0.44
Montenegro	1.80	1.75	1.66	1.47	1.50	1.42	1.49	1.66
Netherlands	1.34	1.25	1.23	1.16	1.15	1.13	1.15	1.17
Norway	1.52	1.51	1.47	1.48	1.52	1.47	1.55	1.59
Poland	1.77	1.72	1.74	1.72	1.85	2.22	2.00	2.01
Portugal	1.49	1.49	1.41	1.44	1.31	1.33	1.28	1.32
Romania	1.24	1.28	1.22	1.28	1.35	1.45	1.41	2.02
Slovak Republic	1.27	1.09	1.09	0.98	0.99	1.13	1.12	1.19
Slovenia	1.61	1.30	1.17	1.06	0.98	0.94	1.02	1.02
Spain	1.03	0.94	1.04	0.93	0.92	0.93	0.81	0.92
Turkey **	1.83	1.64	1.59	1.52	1.45	1.39	1.47	1.52
United Kingdom	2.48	2.41	2.18	2.29	2.19	2.08	2.18	2.14
North America	4.46	4.42	4.09	3.77	3.50	3.34	3.37	3.36
Canada	1.16	1.23	1.10	0.99	1.01	1.20	1.19	1.31
United States	4.81	4.77	4.42	4.08	3.78	3.58	3.61	3.58
NATO Total	3.04	2.97	2.81	2.64	2.49	2.40	2.42	2.43
Annual real change (%)								
NATO Europe	-1.15	-3.20	-1.92	-1.19	-1.35	0.55	3.59	3.69
Albania	6.54	0.55	-1.32	-4.30	-2.62	-11.53	-2.28	15.72
Belgium	-3.70	-2.07	-0.37	-2.59	-1.94	-4.01	1.37	-0.46
Bulgaria *	-4.47	-18.22	1.54	9.53	-8.28	-0.84	5.05	25.94
Croatia	-6.38	3.53	-6.44	-4.93	-4.65	-0.93	-7.41	5.91
Czech Republic	-13.58	-15.13	-2.24	-3.13	-4.82	14.13	-4.55	13.44
Denmark	6.53	-6.81	3.12	-8.32	-4.37	-1.05	6.67	2.74
Estonia	-3.09	6.11	17.69	2.37	5.13	6.96	5.85	2.19
France	-0.94	-2.95	0.56	-0.02	-1.21	-0.95	1.53	1.37
Germany	1.44	-1.90	2.86	-6.20	-1.36	1.31	3.25	4.12
Greece	-18.94	-17.97	-10.81	-6.59	0.35	4.51	2.77	-1.74
Hungary	-8.06	3.09	-2.75	-6.55	-4.92	10.50	13.57	5.51
Italy	-3.73	-3.18	-6.82	-5.09	-9.81	-5.83	11.91	1.68
Latvia	-15.80	2.27	-9.56	8.15	2.76	14.33	40.78	22.26
Lithuania	-16.85	-4.31	-0.89	4.60	19.18	31.73	33.65	22.39
Luxembourg	24.44	-15.12	-2.30	3.91	6.44	17.31	-4.57	18.00
Montenegro	4.62	0.63	-8.11	-8.44	4.49	-2.71	7.95	15.03
Netherlands	-4.22	-4.90	-2.84	-5.98	0.19	0.26	4.43	3.76
Norway	-1.08	0.47	0.40	1.57	4.32	-1.63	6.55	4.05
Poland	8.00	2.06	2.73	0.07	11.42	24.37	-7.34	4.19
Portugal	-1.35	-1.45	-9.56	1.51	-8.56	3.18	-2.40	5.08
Romania	-7.31	4.48	-4.13	8.36	8.63	11.99	1.68	49.73
Slovak Republic	-12.02	-12.23	2.31	-8.63	3.23	18.61	2.38	9.64
Slovenia	2.38	-18.77	-11.91	-10.54	-4.75	-2.34	11.72	3.74
Spain	-8.87	-9.66	7.57	-12.62	0.40	4.65	-10.13	17.46
Turkey	1.53	-1.08	1.82	3.98	0.56	1.30	9.08	6.67
United Kingdom	2.95	-1.59	-8.15	6.88	-1.43	-2.94	6.49	-0.28
North America	-6.89	0.97	-5.56	-6.08	-4.95	-2.22	2.41	1.64
Canada	-14.25	9.71	-9.50	-7.54	5.00	20.08	0.09	12.26
United States	-6.68	0.74	-5.45	-6.04	-5.22	-2.88	2.49	1.26
NATO Total	-5.40	-0.16	-4.60	-4.76	-3.94	-1.42	2.76	2.25

Notes: Figures for 2017 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.

** In December 2016, Turkey fundamentally changed the calculation methodology of GDP (to bring it in line with the European System of Accounts (ESA) 2010), resulting in significant increases from 2011. If one uses the previous methodology, then the corresponding percentages from 2010 to 2017 are 1.93%, 1.76%, 1.76%, 1.75%, 1.70%, 1.67%, 1.78% and 1.86%, respectively.

Table 4 : GDP

2010 prices and exchange rates

	2010	2011	2012	2013	2014	2015	2016	2017e
Real GDP (billion US dollars)								
NATO Europe	16,821	17,161	17,137	17,254	17,566	17,930	18,261	 18,623
Albania	12	12	12	13	13	13	14	14
Belgium	484	492	493	493	501	508	514	523
Bulgaria	51	52	52	52	53	55	57	58
Croatia	60	59	58	58	57	58	60	62
Czech Republic	207	211	209	208	214	224	229	236
Denmark	322	326	327	330	336	341	345	351
Estonia	19	21	22	22	23	23	24	24
France	2,647	2,702	2,707	2,722	2,748	2,778	2,811	2,846
Germany	3,417	3,542	3,560	3,577	3,634	3,697	3,766	3,840
Greece	299	272	252	244	245	244	244	247
Hungary	130	133	130	133	139	143	146	151
Iceland	13	14	14	14	15	15	16	17
Italy	2,125	2,137	2,077	2,041	2,043	2,059	2,078	2,097
Latvia	24	25	26	27	28	28	29	30
Lithuania	37	39	41	42	44	45	46	47
Luxembourg	53	55	54	57	60	62	65	68
Montenegro	4.1	4.3	4.2	4.3	4.4	4.5	4.6	4.8
Netherlands	836	850	841	840	852	868	887	908
Norway	429	433	445	449	458	465	470	476
Poland	479	503	511	519	536	556	571	592
Portugal	238	234	225	222	224	228	231	236
Romania	168	170	171	177	182	190	199	207
Slovak Republic	90	92	94	95	97	101	104	108
Slovenia	48	48	47	47	48	49	50	52
Spain	1,432	1,417	1,376	1,352	1,371	1,415	1,461	1,501
Turkey	772	855	895	975	1,024	1,084	1,117	1,156
United Kingdom	2,429	2,466	2,498	2,546	2,624	2,682	2,730	2,773
North America	16,578	16,868	17,235	17,538	17,957	18,394	18,688	19,084
Canada	1,613	1,664	1,693	1,735	1,780	1,796	1,822	1,857
United States	14,964	15,204	15,542	15,803	16,177	16,598	16,866	17,227
NATO Total	33,399	34,029	34,373	34,792	35,523	36,324	36,949	 37,707
GDP per capita (thousand US dollars)								
NATO Europe	30.3	30.8	30.6	30.7	31.2	31.7	32.1	 32.6
Albania	4.1	4.2	4.3	4.3	4.4	4.5	4.7	4.9
Belgium	44.4	44.8	44.6	44.4	44.9	45.3	45.5	45.8
Bulgaria	6.8	7.0	7.1	7.2	7.3	7.6	7.9	8.2
Croatia	13.9	13.9	13.6	13.5	13.5	13.8	14.3	14.8
Czech Republic	19.7	20.1	19.9	19.8	20.3	21.2	21.7	22.3
Denmark	58.0	58.6	58.5	58.8	59.5	60.0	60.5	61.2
Estonia	14.6	15.8	16.5	16.8	17.3	17.6	17.9	18.3
France	40.7	41.4	41.3	41.3	41.5	41.8	42.1	42.4
Germany	42.6	44.1	44.3	44.4	44.9	45.3	45.5	46.4
Greece	26.9	24.5	22.8	22.3	22.5	22.5	22.6	22.9
Hungary	13.0	13.3	13.1	13.5	14.0	14.5	14.8	15.4
Iceland	41.7	42.4	42.7	44.0	44.3	45.7	48.6	50.8
Italy	35.5	35.6	34.4	33.7	33.6	33.9	34.1	34.3
Latvia	11.3	12.3	12.9	13.4	13.8	14.3	14.7	15.3
Lithuania	12.0	13.0	13.7	14.3	14.9	15.3	15.9	16.6
Luxembourg	105.0	105.3	102.4	104.1	107.4	109.1	111.0	113.3
Montenegro	6.7	6.9	6.7	6.9	7.0	7.3	7.5	7.7
Netherlands	50.3	50.9	50.2	50.0	50.5	51.3	52.2	53.3
Norway	87.7	87.4	88.6	88.4	89.1	89.6	89.3	89.2
Poland	12.4	13.1	13.3	13.5	13.9	14.5	14.9	15.4
Portugal	22.5	22.2	21.4	21.2	21.5	22.0	22.4	23.0
Romania	8.3	8.4	8.5	8.8	9.2	9.6	10.1	10.6
Slovak Republic	16.5	17.0	17.3	17.5	18.0	18.6	19.3	19.9
Slovenia	23.4	23.5	22.9	22.6	23.3	23.8	24.4	25.2
Spain	30.7	30.3	29.4	29.0	29.5	30.5	31.4	32.4
Turkey	10.6	11.6	12.0	12.9	13.4	14.0	14.3	14.6
United Kingdom	38.7	39.0	39.2	39.7	40.6	41.2	41.6	42.0
North America	48.2	48.7	49.4	49.8	50.6	51.4	51.9	52.6
Canada	47.4	48.5	48.7	49.4	50.1	50.1	50.3	50.8
United States	48.3	48.7	49.4	49.9	50.7	51.6	52.0	52.8
NATO Total	37.1	37.6	37.8	38.1	38.7	39.3	39.8	 40.4

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

Table 5 : Defence expenditure per capita and military personnel

	2010	2011	2012	2013	2014	2015	2016	2017e
Defence expenditure per capita (2010 US dollars)								
NATO Europe	494	477	466	459	451	452	465	481
Albania	64	64	64	61	59	53	51	60
Belgium	482	468	463	449	438	419	421	415
Bulgaria *	113	93	95	104	96	96	101	128
Croatia	214	222	209	199	190	190	177	189
Czech Republic	253	215	210	203	193	220	210	238
Denmark	812	753	774	707	672	661	702	718
Estonia	249	265	313	321	339	363	384	392
France	800	772	773	769	756	746	754	761
Germany	576	565	580	543	533	536	546	569
Greece	711	584	523	493	498	522	538	530
Hungary	135	140	137	128	122	135	154	163
Italy	479	462	428	405	364	343	383	388
Latvia	120	125	114	125	129	149	212	261
Lithuania	105	103	103	109	131	175	236	294
Luxembourg	489	406	387	393	409	469	437	503
Montenegro	120	121	111	102	106	103	111	128
Netherlands	675	639	619	580	579	578	602	623
Norway	1,329	1,318	1,306	1,311	1,352	1,316	1,384	1,421
Poland	220	225	231	231	258	321	298	310
Portugal	335	330	300	306	282	292	286	302
Romania	103	108	104	113	124	139	142	214
Slovak Republic	210	185	189	172	178	211	216	237
Slovenia	377	306	269	240	228	223	249	258
Spain	317	285	306	269	271	283	254	299
Turkey	194	189	190	195	194	195	210	222
United Kingdom	961	938	856	909	889	856	906	897
North America	2,150	2,154	2,018	1,881	1,773	1,721	1,749	1,764
Canada	550	597	534	488	507	603	598	665
United States	2,325	2,325	2,182	2,035	1,914	1,845	1,877	1,887
NATO Total	1,127	1,119	1,062	1,007	962	943	963	980
Military personnel (thousands)								
NATO Europe	2,084	2,004	1,956	1,862	1,825	1,774	1,753	1,792
Albania	11	10	7.9	6.8	6.7	6.2	5.8	6.8
Belgium	34	32	31	31	31	30	29	28
Bulgaria	30	29	26	28	27	25	25	25
Croatia	16	16	16	16	15	15	15	15
Czech Republic	24	22	22	20	20	21	23	23
Denmark	19	19	19	18	17	16	17	17
Estonia	5.4	5.9	6.0	6.3	6.3	5.8	5.4	5.7
France	234	227	219	213	207	205	209	209
Germany	235	205	192	184	179	177	178	179
Greece	128	117	110	110	107	103	106	107
Hungary	20	19	19	18	17	17	18	18
Italy	193	192	189	189	183	178	176	181
Latvia	4.8	4.8	4.7	4.6	4.6	4.8	5.2	5.7
Lithuania	7.9	8.0	8.3	8.4	8.6	12	12	14
Luxembourg	0.9	0.9	0.8	0.9	0.8	0.8	0.8	0.8
Montenegro	2.1	1.9	1.9	1.9	1.9	1.7	1.5	1.5
Netherlands	48	45	44	42	41	41	40	41
Norway	19	21	21	20	21	21	21	20
Poland	100	97	98	100	99	99	102	111
Portugal	43	35	34	33	31	27	29	27
Romania	67	66	66	66	65	64	63	70
Slovak Republic	14	13	13	12	12	12	12	12
Slovenia	7.1	7.2	7.1	6.9	6.8	6.6	6.5	6.8
Spain	131	127	125	122	122	122	121	121
Turkey	495	495	495	427	427	399	373	387
United Kingdom	198	191	184	179	169	163	161	161
North America	1,488	1,493	1,467	1,450	1,404	1,387	1,375	1,381
Canada	61	68	68	68	66	73	73	73
United States	1,427	1,425	1,400	1,382	1,338	1,314	1,301	1,308
NATO Total	3,572	3,497	3,423	3,312	3,229	3,161	3,128	3,174

Notes: Figures for 2017 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.

Table 6a : Distribution of defence expenditure by main category

Per cent of total defence expenditure

	2010	2011	2012	2013	2014	2015	2016	2017e
Equipment (a)								
Albania	15.69	13.36	14.44	16.29	16.65	8.92	8.01	17.33
Belgium	6.79	6.27	3.57	2.84	3.52	3.44	4.66	5.30
Bulgaria *	15.41	6.33	3.68	4.52	1.03	3.47	9.15	29.54
Canada	13.81	9.67	8.31	11.16	13.03	10.46	10.84	19.42
Croatia	8.12	15.79	14.72	10.72	7.35	10.58	10.09	9.07
Czech Republic	12.42	13.30	14.78	9.49	6.53	11.76	6.70	12.90
Denmark	14.10	9.68	9.03	11.26	10.99	11.50	13.68	19.25
Estonia	11.88	10.11	13.69	14.48	22.15	12.82	17.86	19.27
France	30.20	28.17	30.58	24.53	24.64	25.04	24.44	24.17
Germany	17.59	16.41	16.45	12.74	12.94	11.93	12.21	14.08
Greece	17.98	5.86	7.47	12.06	8.17	10.26	13.43	15.44
Hungary	12.10	12.29	5.84	11.08	7.76	9.75	13.37	13.29
Italy	10.92	11.74	8.87	12.51	10.92	9.72	19.09	20.94
Latvia	15.62	10.78	10.45	12.09	7.55	13.60	19.28	20.29
Lithuania	10.00	9.38	11.20	9.23	14.06	21.55	30.06	31.09
Luxembourg	34.45	21.86	17.11	14.57	22.61	33.33	30.07	32.99
Montenegro	3.66	1.73	4.44	1.32	7.46	5.43	4.46	8.20
Netherlands	15.70	14.43	13.41	12.57	10.68	11.16	14.14	16.80
Norway	18.13	17.04	17.76	18.89	21.17	22.49	24.05	25.65
Poland	18.13	16.13	15.16	13.90	18.84	33.20	21.70	22.50
Portugal	13.20	12.07	9.34	8.65	8.43	8.70	9.95	10.31
Romania	8.80	7.57	4.14	10.71	15.77	19.65	20.43	46.49
Slovak Republic	9.81	7.15	9.56	7.39	11.12	18.28	15.31	20.16
Slovenia	18.00	5.70	1.20	1.27	0.66	1.85	1.02	6.09
Spain	12.10	6.74	22.86	12.37	13.49	14.82	6.65	19.31
Turkey	27.98	24.57	21.21	26.89	25.08	25.13	25.59	30.40
United Kingdom	24.47	22.01	19.54	21.89	22.82	21.75	21.56	22.03
United States	24.02	26.99	26.97	25.83	25.97	25.41	25.03	28.55

Personnel (b)

Albania	75.66	77.07	69.97	75.25	68.05	78.15	68.05	62.08
Belgium	75.54	75.88	78.52	77.34	77.84	78.23	77.11	76.07
Bulgaria *	64.30	67.36	64.71	65.37	72.84	73.66	65.64	54.62
Canada	45.30	47.11	49.10	52.44	50.90	53.71	52.68	47.15
Croatia	71.56	67.17	68.13	68.06	69.25	63.64	67.13	62.77
Czech Republic	50.66	56.28	61.66	62.03	61.40	55.27	61.97	58.27
Denmark	50.81	52.22	49.05	51.74	51.27	52.01	49.51	49.61
Estonia	34.51	32.28	29.75	39.83	38.62	39.56	38.70	34.98
France	47.64	49.35	49.11	49.23	48.59	47.79	47.94	47.98
Germany	52.66	52.29	50.60	49.86	50.67	49.86	48.35	47.24
Greece	65.07	76.03	73.19	74.56	77.18	72.05	73.13	72.19
Hungary	56.35	50.64	47.69	48.96	49.77	48.21	49.66	43.86
Italy	75.08	74.78	77.05	75.00	76.41	77.55	70.79	66.41
Latvia	55.91	51.31	56.15	52.98	52.97	50.06	43.18	40.42
Lithuania	65.60	66.87	66.78	66.53	57.53	48.49	45.50	42.40
Luxembourg	45.63	52.29	54.23	51.10	49.31	42.77	45.56	38.85
Montenegro	73.63	82.88	82.68	87.68	78.53	78.03	75.32	72.78
Netherlands	52.28	54.66	57.54	58.53	56.50	55.51	51.77	50.97
Norway	42.69	43.43	42.38	41.02	39.36	38.70	37.28	34.96
Poland	56.79	57.80	57.34	57.70	51.45	41.96	46.76	47.73
Portugal	70.18	78.30	78.39	79.85	81.27	81.90	81.38	78.03
Romania	79.07	79.11	84.00	78.99	71.15	63.30	65.01	43.55
Slovak Republic	62.39	69.47	66.53	70.14	69.14	56.24	58.72	55.03
Slovenia	61.69	74.63	78.91	80.52	82.31	82.23	76.03	70.72
Spain	63.38	64.81	57.19	68.25	67.34	65.18	72.61	61.50
Turkey	49.75	53.02	56.02	54.58	56.88	56.82	57.69	53.28
United Kingdom	35.65	37.55	38.90	37.85	36.59	36.80	34.63	34.05
United States	46.70	33.01	32.12	34.38	35.45	36.64	36.68	35.87

* 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 6b : Distribution of defence expenditure by main category

Per cent of total defence expenditure

	2010	2011	2012	2013	2014	2015	2016	2017e
Infrastructure (a)								
Albania	1.81	0.78	0.64	1.17	0.86	1.40	1.37	1.52
Belgium	1.75	1.69	1.59	2.28	1.81	0.93	0.95	1.31
Bulgaria *	2.39	1.53	0.76	0.47	0.63	1.27	0.63	0.50
Canada	4.11	5.48	5.47	4.12	3.81	3.63	3.39	3.61
Croatia	1.42	0.71	0.57	1.21	1.63	2.62	1.70	3.09
Czech Republic	5.79	2.51	1.61	2.72	2.34	3.32	3.91	3.69
Denmark	1.07	1.45	1.24	1.16	0.97	1.09	2.16	2.91
Estonia	13.73	13.57	8.85	11.54	8.20	8.45	12.15	11.25
France	3.13	2.68	3.42	2.21	2.33	2.80	2.70	2.88
Germany	5.16	4.13	3.53	3.55	3.75	3.60	3.39	3.48
Greece	0.76	1.26	0.79	0.63	1.10	0.79	0.60	0.40
Hungary	2.07	1.31	2.11	2.32	1.07	1.21	1.13	1.27
Italy	1.40	1.31	1.02	1.57	1.40	1.30	0.70	1.29
Latvia	5.78	9.29	4.16	6.26	8.89	6.64	12.98	13.56
Lithuania	1.97	1.37	1.47	2.04	2.17	2.16	3.59	5.20
Luxembourg	4.16	7.18	8.20	11.81	10.26	7.79	6.64	6.35
Montenegro	5.87	2.50	0.03	0.09	0.96	2.47	2.41	1.25
Netherlands	3.47	3.77	3.70	2.74	4.77	3.19	3.90	3.34
Norway	5.24	4.22	4.86	5.64	6.00	5.60	6.96	7.83
Poland	3.96	4.80	4.76	5.62	5.47	4.74	4.91	5.15
Portugal	0.43	0.01	0.04	0.04	0.11	0.25	0.06	0.01
Romania	1.81	1.47	1.19	1.16	1.09	1.27	2.77	2.26
Slovak Republic	4.22	1.01	0.37	0.29	0.57	1.99	3.75	3.87
Slovenia	2.67	2.61	2.02	1.33	0.65	0.61	1.14	2.19
Spain	1.25	1.88	0.85	0.67	0.66	0.97	0.97	0.91
Turkey	2.84	2.91	3.70	2.72	2.77	2.56	2.42	2.00
United Kingdom	1.62	1.64	1.91	2.04	1.95	1.63	1.96	1.95
United States	0.97	3.14	2.38	2.08	1.71	1.45	1.43	1.22
Other (b)								
Albania	6.83	8.79	14.95	7.30	14.44	11.53	22.57	19.07
Belgium	15.93	16.15	16.31	17.53	16.83	17.40	17.28	17.32
Bulgaria *	17.91	24.78	30.85	29.64	25.51	21.60	24.57	15.35
Canada	36.77	37.75	37.12	32.28	32.26	32.19	33.09	29.82
Croatia	18.91	16.33	16.58	20.01	21.78	23.16	21.08	25.06
Czech Republic	31.13	27.91	21.95	25.75	29.73	29.65	27.43	25.15
Denmark	34.02	36.65	40.68	35.84	36.78	35.40	34.65	28.23
Estonia	39.89	44.04	47.71	34.14	31.03	39.18	31.30	34.50
France	19.03	19.80	16.89	24.03	24.43	24.37	24.92	24.97
Germany	24.58	27.17	29.42	33.84	32.63	34.61	36.05	35.21
Greece	16.19	16.84	18.55	12.75	13.55	16.90	12.84	11.97
Hungary	29.47	35.76	44.35	37.64	41.40	40.83	35.84	41.58
Italy	12.60	12.17	13.06	10.93	11.27	11.42	9.42	11.37
Latvia	22.69	28.62	29.23	28.68	30.59	29.69	24.55	25.73
Lithuania	22.43	22.39	20.56	22.20	26.24	27.79	20.85	21.31
Luxembourg	15.76	18.67	20.46	22.52	17.82	16.11	17.73	21.81
Montenegro	16.84	12.89	12.85	10.91	13.06	14.07	17.80	17.76
Netherlands	28.55	27.14	25.34	26.16	28.05	30.14	30.20	28.90
Norway	33.93	35.31	35.00	34.45	33.46	33.21	31.71	31.55
Poland	21.12	21.27	22.73	22.78	24.24	20.11	26.64	24.61
Portugal	16.19	9.62	12.22	11.46	10.19	9.15	8.61	11.65
Romania	10.32	11.85	10.68	9.13	11.98	15.78	11.79	7.70
Slovak Republic	23.58	22.38	23.55	22.19	19.16	23.49	22.23	20.94
Slovenia	17.63	17.05	17.87	16.88	16.38	15.31	21.80	21.00
Spain	23.26	26.58	19.11	18.71	18.50	19.03	19.78	18.28
Turkey	19.43	19.49	19.07	15.80	15.27	15.49	14.30	14.31
United Kingdom	38.26	38.80	39.64	38.22	38.63	39.82	41.85	41.97
United States	28.30	36.86	38.53	37.72	36.87	36.51	36.86	34.36

* Defence expenditure does not include pensions.

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

(b) 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 or those of Allies. 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, border guards, national police forces, customs, *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, 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 those for 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 this military component can be specifically accounted for or estimated.

Financial assistance by one Ally to another, specifically to support the defence effort of the recipient, should be included in the defence expenditure of the donor nation and not in the defence expenditure of the receiving nation.

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, payments and benefits to veterans, and spending on civil defence are 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) and estimates from the OECD for the current year. 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.

To avoid any ambiguity, the fiscal year has been designated by the year which includes the highest number of months: e.g. 2016 represents the fiscal year 2016/2017 for Canada and United Kingdom and the fiscal year 2015/2016 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 6a) – lines 2.1 + 3.1
- Personnel (Table 6a) – lines 1.1 + 1.2 + 1.3
- Infrastructure (Table 6b) – lines 2.2 + 2.3
- Other (Table 6b) – lines 1.4 + 3.2 + 4