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**COMMUNIQUE**  
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## Defence Expenditure of NATO Countries (2014-2022)

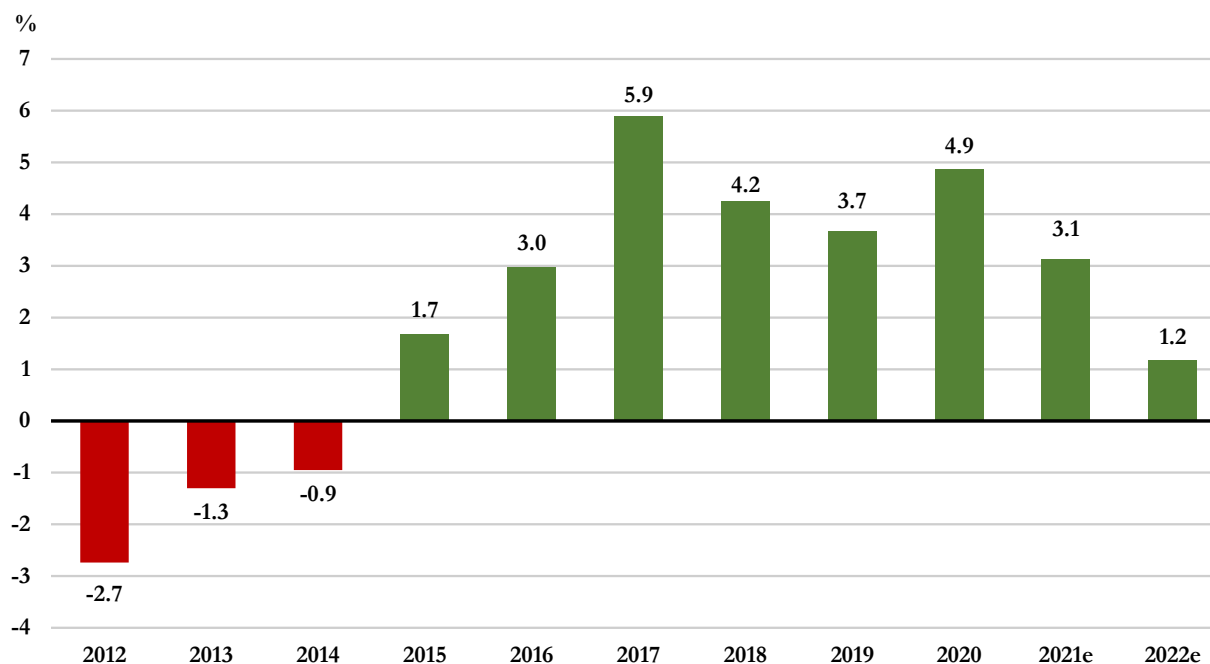
NATO collects defence expenditure data from Allies on a regular basis and presents aggregates and subsets of this information. Each Ally's Ministry of Defence reports current and estimated future defence expenditure according to an agreed definition of defence expenditure. The amounts represent payments 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 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 20 June 2022. Figures for 2021 and 2022 are estimates.

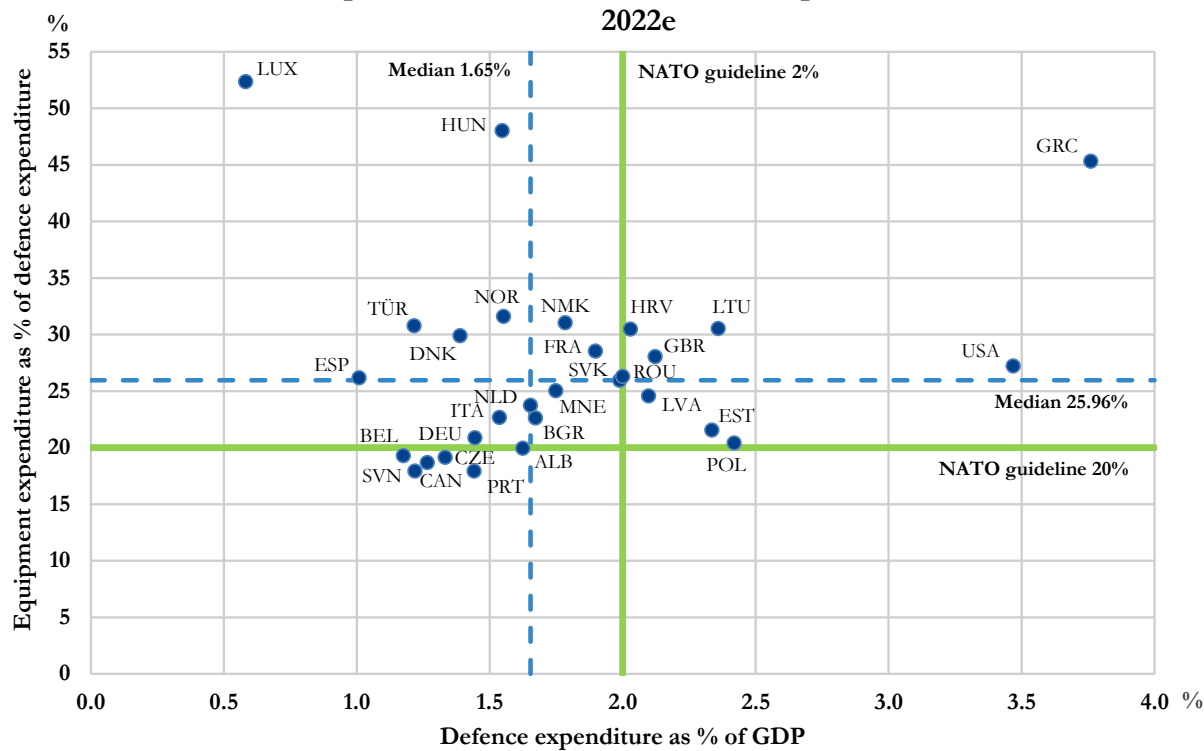
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 Nouvelles et informations sont régulièrement affichées sur le site Web de l'OTAN, sous la forme de fichiers audio, de transcriptions et de photographies destinées à la publication. Elles sont disponibles le plus rapidement possible après les événements présentant un intérêt pour les médias. Cliquer sur "Quoi de neuf?"

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



Notes: Figures for 2021 and 2022 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.

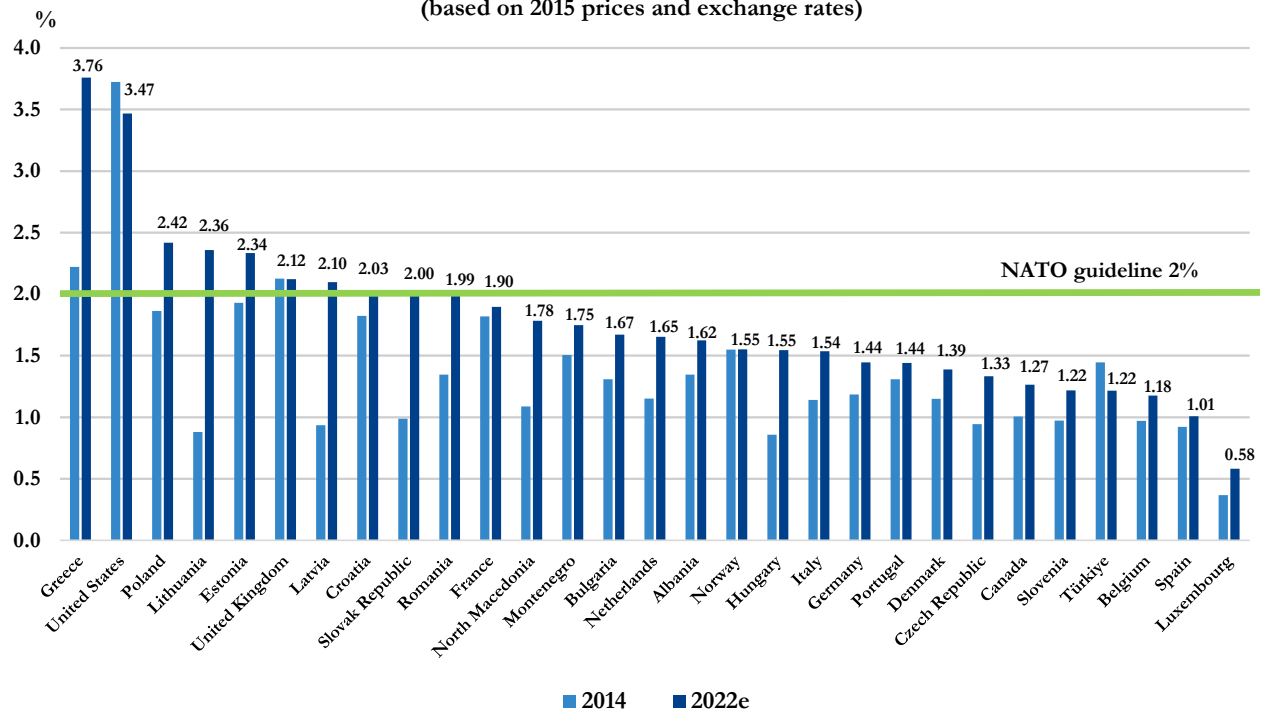
**Graph 2 : Defence expenditure as a share of GDP and equipment expenditure as a share of defence expenditure**  
2022e



Note: Figures for 2021 and 2022 are estimates.

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

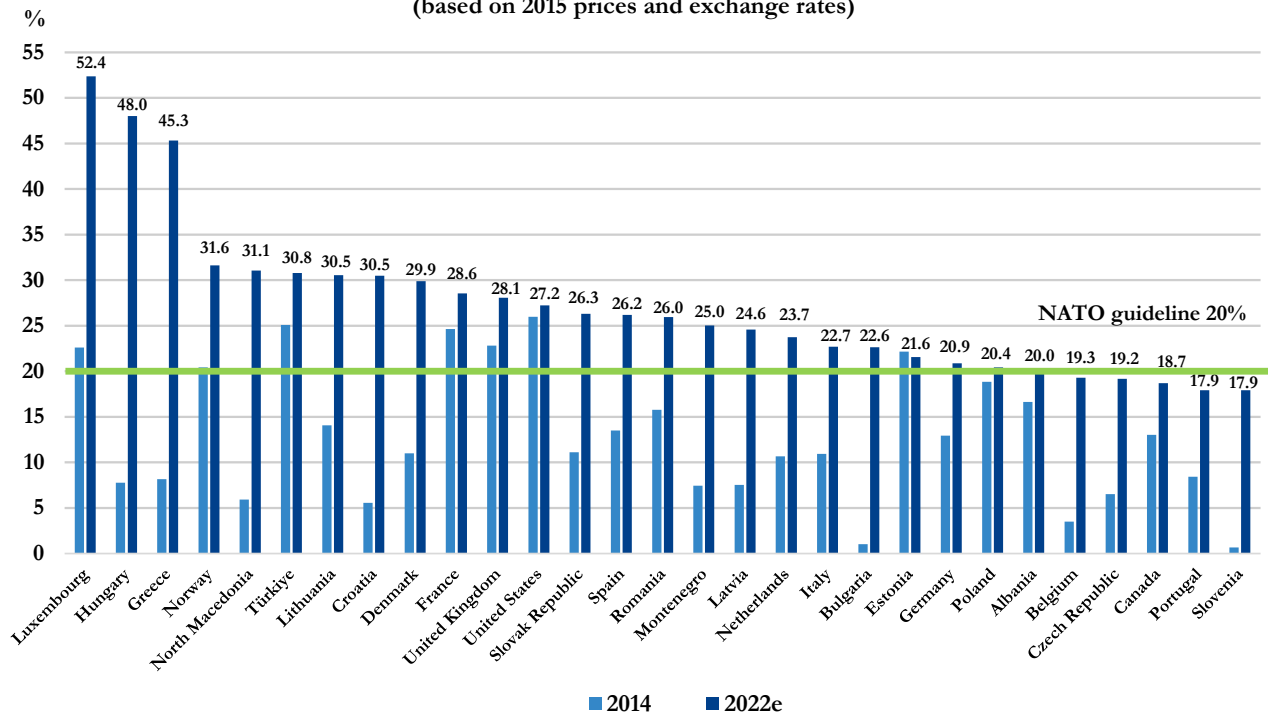
(based on 2015 prices and exchange rates)



Note: Figures for 2021 and 2022 are estimates.

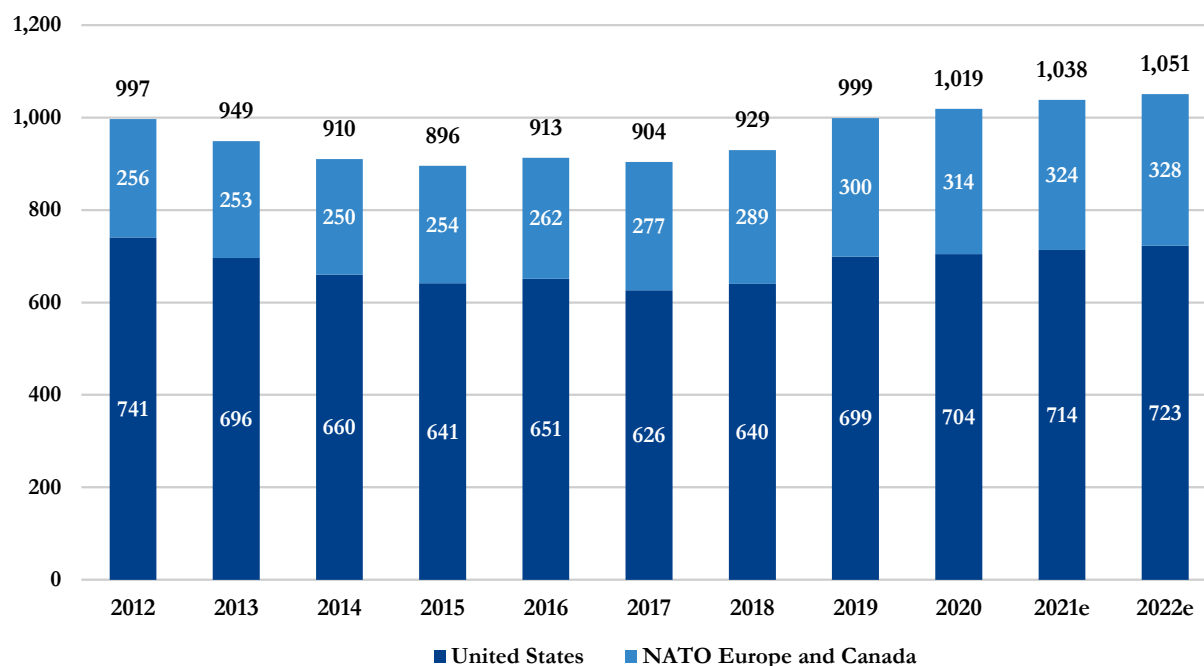
**Graph 4 : Equipment expenditure as a share of defence expenditure (%)**

(based on 2015 prices and exchange rates)



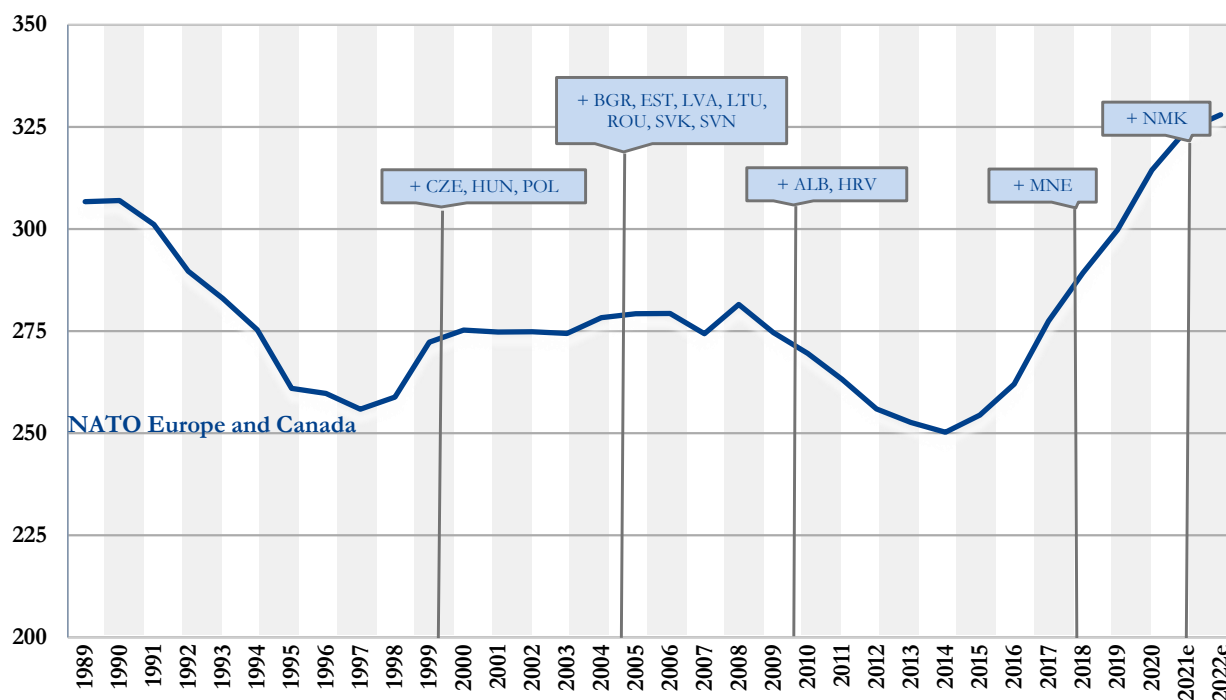
Note: Figures for 2021 and 2022 are estimates.

**Graph 5 : Defence expenditure**  
(billion US dollars, based on 2015 prices and exchange rates)



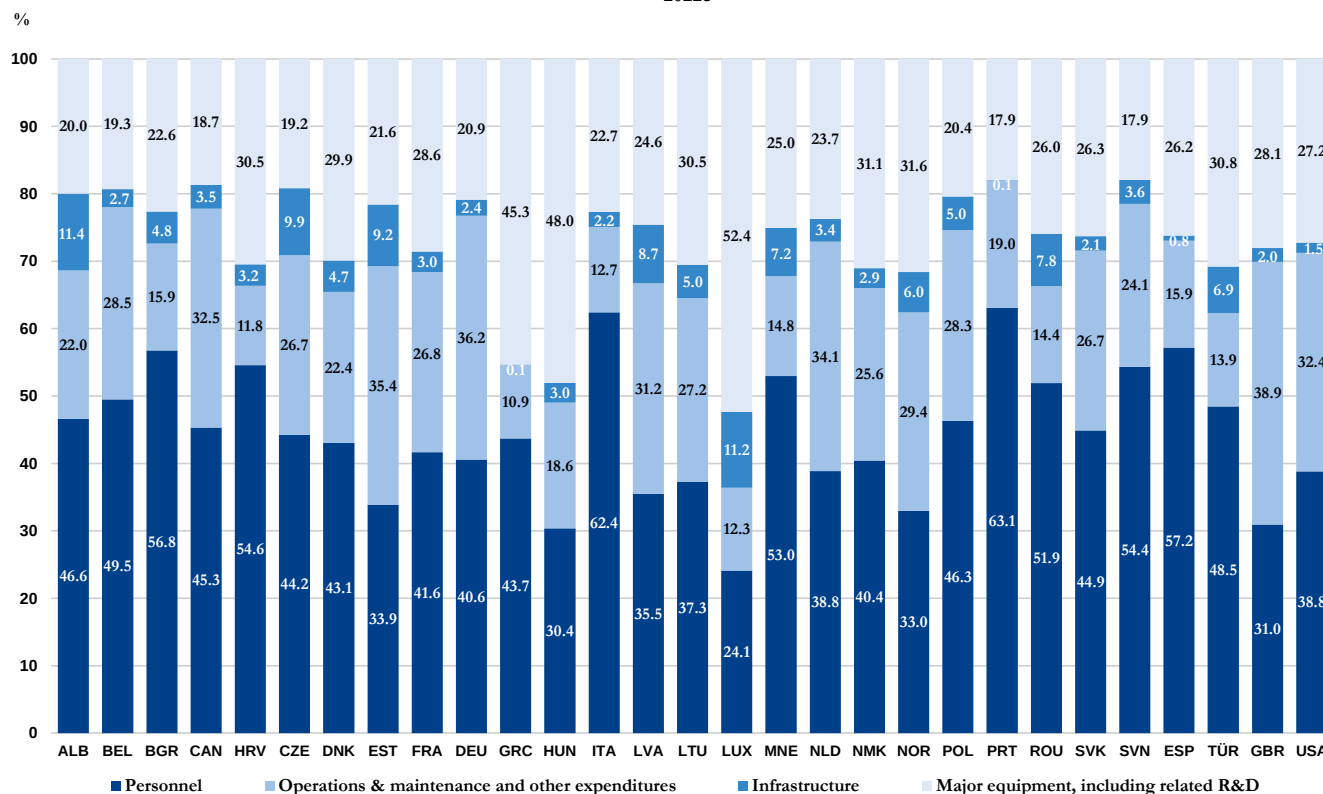
Notes: Figures for 2021 and 2022 are estimates. The NATO Europe and Canada aggregate from 2017 onwards includes Montenegro, which became an Ally on 5 June 2017, and from 2020 onwards includes North Macedonia, which became an Ally on 27 March 2020.

**Graph 6 : NATO Europe and Canada - defence expenditure**  
(billion US dollars, based on 2015 prices and exchange rates)

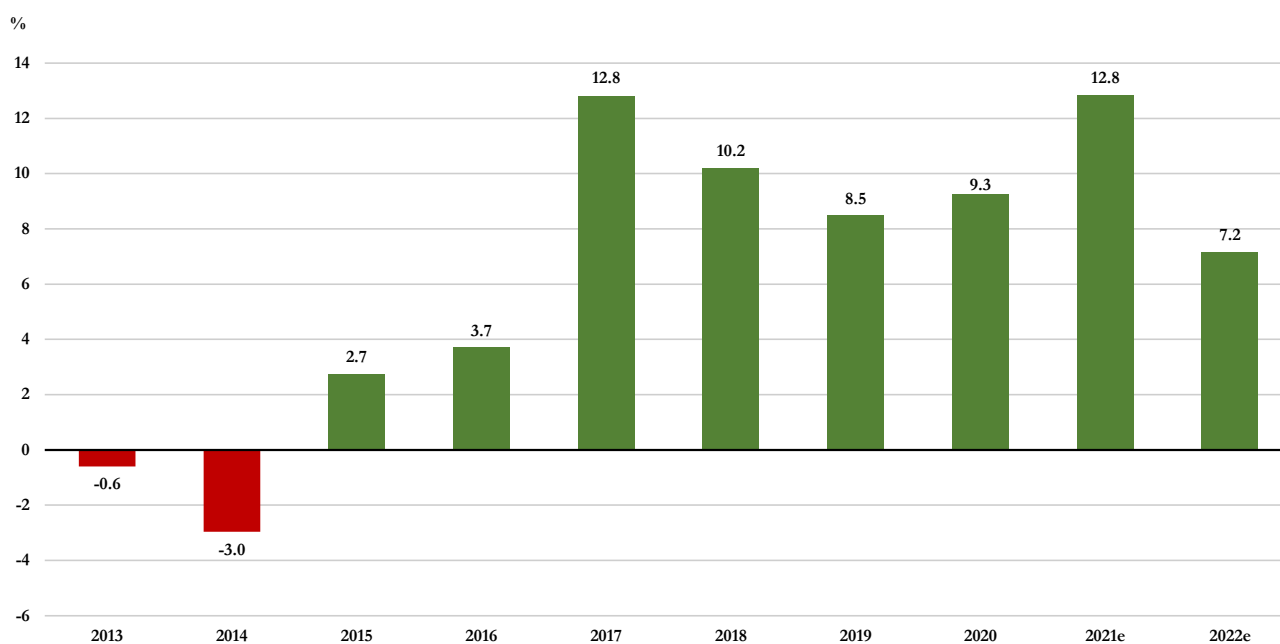


Notes: Figures for 2021 are estimates. Includes enlargements which took place in: 1999 (3 Allies), 2004 (7 Allies), 2009 (2 Allies), 2017 (1 Ally) and 2020 (1 Ally).

**Graph 7 : Main categories of defence expenditure (%)**  
(percentage of total defence expenditure)  
2022e



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



Notes: Figures for 2021 and 2022 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   | 2022e   |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>Current prices</b>       |         |         |         |         |         |         |         |         |         |
| Albania (Leks)              | 18,788  | 16,671  | 16,250  | 17,199  | 18,995  | 21,670  | 21,348  | 23,072  | 32,633  |
| Belgium (Euros)             | 3,913   | 3,789   | 3,848   | 3,932   | 4,101   | 4,253   | 4,665   | 5,276   | 6,529   |
| Bulgaria (Leva)             | 1,102   | 1,116   | 1,186   | 1,255   | 1,593   | 3,771   | 1,920   | 2,109   | 2,481   |
| Canada (Canadian dollars)   | 20,076  | 23,900  | 23,474  | 30,761  | 29,025  | 29,949  | 31,289  | 32,793  | 35,461  |
| Croatia (Kunas)             | 6,113   | 6,057   | 5,696   | 6,120   | 6,068   | 6,634   | 6,487   | 8,667   | 9,373   |
| Czech Republic (Koruny)     | 41,003  | 47,264  | 45,598  | 52,805  | 59,752  | 68,373  | 74,257  | 84,864  | 89,179  |
| Denmark (Kroner)            | 22,769  | 22,633  | 24,190  | 24,961  | 28,787  | 29,929  | 31,962  | 33,161  | 37,751  |
| Estonia (Euros)             | 386     | 418     | 450     | 479     | 521     | 569     | 630     | 633     | 771     |
| France (Euros)              | 39,149  | 39,199  | 39,950  | 40,852  | 42,748  | 44,206  | 46,018  | 47,790  | 49,616  |
| Germany (Euros)             | 34,749  | 35,898  | 37,598  | 40,265  | 42,127  | 46,936  | 51,392  | 53,033  | 55,635  |
| Greece (Euros)              | 3,939   | 4,073   | 4,190   | 4,208   | 4,560   | 4,483   | 4,812   | 6,764   | 7,445   |
| Hungary (Forint)            | 281,402 | 316,338 | 362,798 | 468,765 | 436,500 | 636,566 | 852,321 | 927,965 | 957,964 |
| Italy (Euros)               | 18,427  | 17,642  | 20,226  | 21,166  | 21,702  | 21,042  | 26,360  | 28,015  | 28,758  |
| Latvia* (Euros)             | 221     | 254     | 364     | 430     | 601     | 618     | 651     | 696     | 806     |
| Lithuania* (Euros)          | 322     | 425     | 575     | 724     | 895     | 977     | 1,030   | 1,105   | 1,499   |
| Luxembourg (Euros)          | 190     | 225     | 213     | 288     | 301     | 341     | 373     | 341     | 464     |
| Montenegro (Euros)          | 52      | 51      | 56      | 58      | 64      | 66      | 72      | 77      | 95      |
| Netherlands (Euros)         | 7,788   | 7,816   | 8,234   | 8,539   | 9,456   | 10,778  | 11,249  | 11,789  | 14,808  |
| North Macedonia (Denars)    | 5,743   | 5,853   | 5,770   | 5,532   | 6,232   | 8,029   | 8,303   | 10,605  | 13,681  |
| Norway (Kroner)             | 48,660  | 49,529  | 54,022  | 56,664  | 61,349  | 66,318  | 68,054  | 72,483  | 80,615  |
| Poland* (Zlotys)            | 31,874  | 39,940  | 37,082  | 37,558  | 42,824  | 45,404  | 52,110  | 58,304  | 73,850  |
| Portugal (Euros)            | 2,263   | 2,384   | 2,364   | 2,424   | 2,750   | 2,947   | 2,867   | 3,295   | 3,328   |
| Romania* (New Lei)          | 9,014   | 10,337  | 10,738  | 14,765  | 17,183  | 19,527  | 21,431  | 22,027  | 26,398  |
| Slovak Republic (Euros)     | 752     | 889     | 907     | 935     | 1,098   | 1,610   | 1,796   | 1,677   | 2,143   |
| Slovenia (Euros)            | 366     | 361     | 406     | 422     | 463     | 511     | 498     | 645     | 699     |
| Spain (Euros)               | 9,508   | 10,000  | 9,014   | 10,528  | 11,172  | 11,281  | 11,240  | 12,546  | 13,136  |
| Türkiye (Liras)             | 29,727  | 32,522  | 38,203  | 47,323  | 68,300  | 79,987  | 93,910  | 116,482 | 137,775 |
| United Kingdom (Pounds)     | 39,902  | 38,940  | 41,590  | 43,257  | 45,202  | 46,509  | 49,495  | 52,291  | 53,878  |
| United States (US dollars)  | 653,942 | 641,253 | 656,059 | 642,933 | 672,255 | 750,886 | 770,650 | 793,990 | 821,830 |
| <b>Constant 2015 prices</b> |         |         |         |         |         |         |         |         |         |
| Albania (Leks)              | 18,894  | 16,671  | 16,354  | 17,061  | 18,569  | 20,921  | 20,471  | 20,879  | 28,529  |
| Belgium (Euros)             | 3,965   | 3,789   | 3,775   | 3,789   | 3,892   | 3,965   | 4,296   | 4,658   | 5,376   |
| Bulgaria (Leva)             | 1,134   | 1,116   | 1,148   | 1,159   | 1,411   | 3,174   | 1,551   | 1,604   | 1,724   |
| Canada (Canadian dollars)   | 19,900  | 23,900  | 23,299  | 29,767  | 27,640  | 28,105  | 29,145  | 28,264  | 28,214  |
| Croatia (Kunas)             | 6,118   | 6,057   | 5,700   | 6,055   | 5,885   | 6,313   | 6,180   | 7,998   | 8,335   |
| Czech Republic (Koruny)     | 41,410  | 47,264  | 45,083  | 51,539  | 56,861  | 62,629  | 65,153  | 71,592  | 70,013  |
| Denmark (Kroner)            | 22,868  | 22,633  | 24,128  | 24,606  | 28,167  | 29,069  | 30,253  | 30,662  | 33,004  |
| Estonia (Euros)             | 389     | 418     | 440     | 451     | 472     | 499     | 556     | 530     | 606     |
| France (Euros)              | 39,595  | 39,199  | 39,743  | 40,428  | 41,891  | 42,769  | 43,317  | 44,394  | 45,078  |
| Germany (Euros)             | 35,394  | 35,898  | 37,105  | 39,147  | 40,164  | 43,846  | 47,259  | 47,328  | 46,777  |
| Greece (Euros)              | 3,927   | 4,073   | 4,214   | 4,221   | 4,581   | 4,492   | 4,863   | 6,697   | 6,994   |
| Hungary (Forint)            | 289,249 | 316,338 | 357,685 | 445,080 | 395,441 | 550,444 | 691,699 | 704,672 | 674,483 |
| Italy (Euros)               | 18,734  | 17,642  | 19,769  | 20,511  | 21,079  | 20,252  | 25,026  | 26,471  | 26,406  |
| Latvia* (Euros)             | 221     | 254     | 361     | 414     | 557     | 559     | 589     | 590     | 606     |
| Lithuania* (Euros)          | 322     | 425     | 566     | 684     | 816     | 868     | 902     | 908     | 1,093   |
| Luxembourg (Euros)          | 195     | 225     | 216     | 286     | 293     | 330     | 346     | 296     | 382     |
| Montenegro (Euros)          | 53      | 51      | 54      | 53      | 57      | 57      | 63      | 64      | 74      |
| Netherlands (Euros)         | 7,796   | 7,816   | 8,162   | 8,340   | 9,041   | 10,027  | 10,245  | 10,538  | 13,019  |
| North Macedonia (Denars)    | 5,858   | 5,853   | 5,577   | 5,201   | 5,637   | 7,150   | 7,454   | 8,976   | 11,251  |
| Norway (Kroner)             | 47,271  | 49,529  | 54,831  | 55,326  | 56,164  | 61,002  | 64,940  | 59,161  | 54,557  |
| Poland* (Zlotys)            | 32,185  | 39,940  | 36,967  | 36,758  | 41,414  | 42,550  | 46,849  | 49,534  | 56,283  |
| Portugal (Euros)            | 2,309   | 2,384   | 2,324   | 2,348   | 2,616   | 2,755   | 2,630   | 3,001   | 2,923   |
| Romania* (New Lei)          | 9,308   | 10,337  | 10,482  | 13,768  | 15,089  | 16,057  | 16,962  | 16,539  | 18,098  |
| Slovak Republic (Euros)     | 750     | 889     | 912     | 928     | 1,069   | 1,528   | 1,666   | 1,519   | 1,800   |
| Slovenia (Euros)            | 370     | 361     | 403     | 413     | 443     | 479     | 461     | 581     | 598     |
| Spain (Euros)               | 9,560   | 10,000  | 8,985   | 10,360  | 10,858  | 10,823  | 10,666  | 11,653  | 11,747  |
| Türkiye (Liras)             | 32,059  | 32,522  | 35,330  | 39,434  | 48,863  | 50,259  | 51,388  | 49,525  | 38,261  |
| United Kingdom (Pounds)     | 40,106  | 38,940  | 40,814  | 41,692  | 42,712  | 43,079  | 43,624  | 45,956  | 46,765  |
| United States (US dollars)  | 660,021 | 641,253 | 651,246 | 626,409 | 640,087 | 699,062 | 704,414 | 713,804 | 722,799 |

Notes: Figures for 2021 and 2022 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            | 2022e            |
|------------------------------------------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|------------------|------------------|
| <b>Current prices and exchange rates</b>       |                |                |                |                |                |                  |                  |                  |                  |
| Albania                                        | 178            | 132            | 131            | 145            | 176            | 197              | 197              | 224              | 293              |
| Belgium                                        | 5,200          | 4,204          | 4,258          | 4,441          | 4,845          | 4,761            | 5,324            | 6,245            | 7,361            |
| Bulgaria                                       | 747            | 633            | 671            | 724            | 962            | 2,159            | 1,121            | 1,276            | 1,430            |
| Canada                                         | 18,172         | 18,689         | 17,708         | 23,700         | 22,399         | 22,572           | 23,330           | 26,153           | 28,106           |
| Croatia                                        | 1,064          | 883            | 837            | 924            | 966            | 1,002            | 981              | 1,363            | 1,403            |
| Czech Republic                                 | 1,975          | 1,921          | 1,866          | 2,259          | 2,750          | 2,982            | 3,199            | 3,915            | 4,040            |
| Denmark                                        | 4,057          | 3,364          | 3,593          | 3,780          | 4,559          | 4,487            | 4,886            | 5,274            | 5,716            |
| Estonia                                        | 514            | 463            | 497            | 541            | 615            | 637              | 719              | 749              | 869              |
| France                                         | 52,022         | 43,496         | 44,209         | 46,133         | 50,507         | 49,493           | 52,520           | 56,561           | 55,939           |
| Germany                                        | 46,176         | 39,833         | 41,606         | 45,470         | 49,772         | 52,549           | 58,652           | 62,766           | 62,725           |
| Greece                                         | 5,234          | 4,520          | 4,637          | 4,752          | 5,388          | 5,019            | 5,492            | 8,006            | 8,393            |
| Hungary                                        | 1,210          | 1,132          | 1,289          | 1,708          | 1,615          | 2,190            | 2,767            | 3,112            | 3,045            |
| Italy                                          | 24,487         | 19,576         | 22,382         | 23,902         | 25,641         | 23,559           | 30,084           | 33,157           | 32,423           |
| Latvia*                                        | 294            | 282            | 403            | 485            | 710            | 692              | 743              | 824              | 909              |
| Lithuania*                                     | 428            | 471            | 636            | 817            | 1,057          | 1,094            | 1,176            | 1,308            | 1,690            |
| Luxembourg                                     | 253            | 250            | 236            | 326            | 356            | 381              | 426              | 403              | 523              |
| Montenegro                                     | 69             | 57             | 62             | 65             | 75             | 74               | 83               | 91               | 107              |
| Netherlands                                    | 10,349         | 8,673          | 9,112          | 9,643          | 11,172         | 12,067           | 12,838           | 13,953           | 16,696           |
| North Macedonia                                | 124            | 105            | 104            | 101            | 120            | 146              | 154              | 204              | 247              |
| Norway                                         | 7,722          | 6,142          | 6,431          | 6,850          | 7,544          | 7,536            | 7,228            | 8,438            | 9,104            |
| Poland*                                        | 10,107         | 10,588         | 9,397          | 9,940          | 11,857         | 11,824           | 13,363           | 15,099           | 17,806           |
| Portugal                                       | 3,007          | 2,645          | 2,616          | 2,738          | 3,249          | 3,299            | 3,273            | 3,899            | 3,753            |
| Romania*                                       | 2,691          | 2,581          | 2,645          | 3,643          | 4,359          | 4,608            | 5,050            | 5,294            | 6,013            |
| Slovak Republic                                | 999            | 987            | 1,004          | 1,056          | 1,298          | 1,802            | 2,049            | 1,985            | 2,416            |
| Slovenia                                       | 487            | 401            | 449            | 477            | 547            | 572              | 568              | 763              | 788              |
| Spain                                          | 12,634         | 11,096         | 9,975          | 11,889         | 13,200         | 12,630           | 12,828           | 14,849           | 14,810           |
| Türkiye                                        | 13,577         | 11,953         | 12,644         | 12,971         | 14,168         | 14,089           | 13,396           | 13,443           | 9,272            |
| United Kingdom                                 | 65,692         | 59,505         | 56,362         | 55,719         | 60,380         | 59,399           | 63,500           | 71,938           | 72,171           |
| United States                                  | 653,942        | 641,253        | 656,059        | 642,933        | 672,255        | 750,886          | 770,650          | 793,990          | 821,830          |
| <b>NATO Europe and Canada</b>                  | <b>289,275</b> | <b>254,423</b> | <b>255,595</b> | <b>275,100</b> | <b>300,167</b> | <b>301,675</b>   | <b>325,944</b>   | <b>361,290</b>   | <b>368,045</b>   |
| <b>NATO Total</b>                              | <b>943,217</b> | <b>895,676</b> | <b>911,654</b> | <b>918,033</b> | <b>972,422</b> | <b>1,052,561</b> | <b>1,096,594</b> | <b>1,155,280</b> | <b>1,189,875</b> |
| <b>Constant 2015 prices and exchange rates</b> |                |                |                |                |                |                  |                  |                  |                  |
| Albania                                        | 150            | 132            | 130            | 135            | 147            | 166              | 163              | 166              | 227              |
| Belgium                                        | 4,400          | 4,204          | 4,189          | 4,204          | 4,319          | 4,400            | 4,767            | 5,168            | 5,965            |
| Bulgaria                                       | 643            | 633            | 650            | 657            | 800            | 1,799            | 879              | 909              | 977              |
| Canada                                         | 15,562         | 18,689         | 18,219         | 23,278         | 21,614         | 21,978           | 22,791           | 22,103           | 22,063           |
| Croatia                                        | 892            | 883            | 831            | 883            | 858            | 920              | 901              | 1,166            | 1,215            |
| Czech Republic                                 | 1,683          | 1,921          | 1,833          | 2,095          | 2,312          | 2,546            | 2,649            | 2,910            | 2,846            |
| Denmark                                        | 3,399          | 3,364          | 3,586          | 3,657          | 4,187          | 4,321            | 4,497            | 4,557            | 4,906            |
| Estonia                                        | 431            | 463            | 488            | 501            | 523            | 554              | 617              | 588              | 672              |
| France                                         | 43,936         | 43,496         | 44,100         | 44,860         | 46,483         | 47,458           | 48,066           | 49,261           | 50,019           |
| Germany                                        | 39,274         | 39,833         | 41,173         | 43,438         | 44,567         | 48,653           | 52,440           | 52,516           | 51,905           |
| Greece                                         | 4,358          | 4,520          | 4,676          | 4,683          | 5,084          | 4,985            | 5,396            | 7,431            | 7,761            |
| Hungary                                        | 1,035          | 1,132          | 1,280          | 1,593          | 1,416          | 1,971            | 2,476            | 2,523            | 2,415            |
| Italy                                          | 20,788         | 19,576         | 21,936         | 22,759         | 23,390         | 22,472           | 27,770           | 29,373           | 29,301           |
| Latvia*                                        | 246            | 282            | 401            | 459            | 618            | 620              | 653              | 655              | 672              |
| Lithuania*                                     | 357            | 471            | 628            | 759            | 906            | 963              | 1,001            | 1,008            | 1,213            |
| Luxembourg                                     | 216            | 250            | 239            | 317            | 325            | 366              | 384              | 329              | 423              |
| Montenegro                                     | 59             | 57             | 59             | 59             | 63             | 64               | 70               | 71               | 83               |
| Netherlands                                    | 8,650          | 8,673          | 9,057          | 9,254          | 10,032         | 11,126           | 11,368           | 11,693           | 14,447           |
| North Macedonia                                | 106            | 105            | 100            | 94             | 102            | 129              | 134              | 162              | 203              |
| Norway                                         | 5,862          | 6,142          | 6,799          | 6,861          | 6,965          | 7,565            | 8,053            | 7,336            | 6,765            |
| Poland*                                        | 8,532          | 10,588         | 9,800          | 9,745          | 10,979         | 11,280           | 12,420           | 13,132           | 14,921           |
| Portugal                                       | 2,562          | 2,645          | 2,579          | 2,605          | 2,902          | 3,057            | 2,918            | 3,330            | 3,243            |
| Romania*                                       | 2,324          | 2,581          | 2,617          | 3,437          | 3,767          | 4,009            | 4,235            | 4,129            | 4,518            |
| Slovak Republic                                | 832            | 987            | 1,012          | 1,030          | 1,186          | 1,696            | 1,848            | 1,686            | 1,997            |
| Slovenia                                       | 411            | 401            | 447            | 458            | 491            | 531              | 511              | 645              | 663              |
| Spain                                          | 10,608         | 11,096         | 9,970          | 11,495         | 12,049         | 12,009           | 11,835           | 12,930           | 13,035           |
| Türkiye                                        | 11,783         | 11,953         | 12,985         | 14,494         | 17,959         | 18,472           | 18,887           | 18,203           | 14,063           |
| United Kingdom                                 | 61,287         | 59,505         | 62,368         | 63,710         | 65,270         | 65,830           | 66,662           | 70,226           | 71,462           |
| United States                                  | 660,021        | 641,253        | 651,246        | 626,409        | 640,087        | 699,062          | 704,414          | 713,804          | 722,799          |
| <b>NATO Europe and Canada</b>                  | <b>250,221</b> | <b>254,423</b> | <b>261,994</b> | <b>277,427</b> | <b>289,212</b> | <b>299,810</b>   | <b>314,391</b>   | <b>324,206</b>   | <b>327,980</b>   |
| <b>NATO Total</b>                              | <b>910,241</b> | <b>895,676</b> | <b>913,240</b> | <b>903,836</b> | <b>929,299</b> | <b>998,873</b>   | <b>1,018,805</b> | <b>1,038,010</b> | <b>1,050,780</b> |

Notes: Figures for 2021 and 2022 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       | 2022e       |
|-------------------------------|--------------|--------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|
| <b>Share of real GDP (%)</b>  |              |              |             |              |             |             |             |             |             |
| Albania                       | 1.35         | 1.16         | 1.10        | 1.11         | 1.16        | 1.28        | 1.30        | 1.22        | 1.62        |
| Belgium                       | 0.97         | 0.91         | 0.89        | 0.88         | 0.89        | 0.89        | 1.02        | 1.04        | 1.18        |
| Bulgaria                      | 1.31         | 1.25         | 1.24        | 1.22         | 1.45        | 3.13        | 1.60        | 1.59        | 1.67        |
| Canada                        | 1.01         | 1.20         | 1.16        | 1.44         | 1.30        | 1.30        | 1.42        | 1.32        | 1.27        |
| Croatia                       | 1.82         | 1.76         | 1.60        | 1.64         | 1.55        | 1.61        | 1.71        | 2.01        | 2.03        |
| Czech Republic                | 0.94         | 1.02         | 0.95        | 1.03         | 1.10        | 1.18        | 1.30        | 1.39        | 1.33        |
| Denmark                       | 1.15         | 1.11         | 1.15        | 1.14         | 1.28        | 1.29        | 1.37        | 1.33        | 1.39        |
| Estonia                       | 1.93         | 2.03         | 2.07        | 2.01         | 2.02        | 2.05        | 2.35        | 2.07        | 2.34        |
| France                        | 1.82         | 1.78         | 1.79        | 1.78         | 1.81        | 1.81        | 2.00        | 1.91        | 1.90        |
| Germany                       | 1.19         | 1.19         | 1.20        | 1.23         | 1.25        | 1.35        | 1.53        | 1.49        | 1.44        |
| Greece                        | 2.22         | 2.31         | 2.40        | 2.38         | 2.54        | 2.45        | 2.91        | 3.70        | 3.76        |
| Hungary                       | 0.86         | 0.90         | 1.00        | 1.19         | 1.01        | 1.34        | 1.77        | 1.68        | 1.55        |
| Italy                         | 1.14         | 1.07         | 1.18        | 1.20         | 1.23        | 1.17        | 1.59        | 1.58        | 1.54        |
| Latvia*                       | 0.94         | 1.03         | 1.44        | 1.59         | 2.06        | 2.02        | 2.21        | 2.11        | 2.10        |
| Lithuania*                    | 0.88         | 1.14         | 1.48        | 1.71         | 1.97        | 2.00        | 2.08        | 2.00        | 2.36        |
| Luxembourg                    | 0.37         | 0.42         | 0.38        | 0.50         | 0.50        | 0.54        | 0.58        | 0.47        | 0.58        |
| Montenegro                    | 1.50         | 1.40         | 1.42        | 1.34         | 1.37        | 1.33        | 1.73        | 1.57        | 1.75        |
| Netherlands                   | 1.15         | 1.13         | 1.16        | 1.15         | 1.22        | 1.32        | 1.41        | 1.38        | 1.65        |
| North Macedonia               | 1.09         | 1.05         | 0.97        | 0.89         | 0.94        | 1.16        | 1.27        | 1.47        | 1.78        |
| Norway                        | 1.55         | 1.59         | 1.74        | 1.72         | 1.73        | 1.86        | 2.00        | 1.75        | 1.55        |
| Poland*                       | 1.86         | 2.22         | 1.99        | 1.89         | 2.02        | 1.98        | 2.23        | 2.22        | 2.42        |
| Portugal                      | 1.31         | 1.33         | 1.27        | 1.24         | 1.34        | 1.37        | 1.43        | 1.56        | 1.44        |
| Romania*                      | 1.35         | 1.45         | 1.41        | 1.72         | 1.81        | 1.84        | 2.02        | 1.86        | 1.99        |
| Slovak Republic               | 0.99         | 1.11         | 1.12        | 1.11         | 1.23        | 1.71        | 1.95        | 1.73        | 2.00        |
| Slovenia                      | 0.97         | 0.93         | 1.00        | 0.98         | 1.01        | 1.06        | 1.06        | 1.24        | 1.22        |
| Spain                         | 0.92         | 0.93         | 0.81        | 0.91         | 0.93        | 0.91        | 1.00        | 1.04        | 1.01        |
| Türkiye                       | 1.45         | 1.38         | 1.45        | 1.51         | 1.82        | 1.85        | 1.86        | 1.62        | 1.22        |
| United Kingdom                | 2.13         | 2.01         | 2.06        | 2.06         | 2.08        | 2.06        | 2.30        | 2.26        | 2.12        |
| United States                 | 3.72         | 3.52         | 3.52        | 3.31         | 3.29        | 3.51        | 3.66        | 3.51        | 3.47        |
| <b>NATO Europe and Canada</b> | <b>1.43</b>  | <b>1.42</b>  | <b>1.44</b> | <b>1.48</b>  | <b>1.51</b> | <b>1.54</b> | <b>1.72</b> | <b>1.68</b> | <b>1.64</b> |
| <b>NATO Total</b>             | <b>2.58</b>  | <b>2.48</b>  | <b>2.48</b> | <b>2.40</b>  | <b>2.41</b> | <b>2.53</b> | <b>2.72</b> | <b>2.62</b> | <b>2.57</b> |
| <b>Annual real change (%)</b> |              |              |             |              |             |             |             |             |             |
| Albania                       | -2.74        | -11.76       | -1.90       | 4.32         | 8.84        | 12.67       | -2.15       | 1.99        | 36.64       |
| Belgium                       | -2.25        | -4.44        | -0.36       | 0.36         | 2.73        | 1.88        | 8.33        | 8.43        | 15.42       |
| Bulgaria                      | -9.08        | -1.56        | 2.80        | 0.96         | 21.80       | 124.95      | -51.13      | 3.37        | 7.49        |
| Canada                        | 4.95         | 20.10        | -2.52       | 27.76        | -7.15       | 1.68        | 3.70        | -3.02       | -0.18       |
| Croatia                       | 25.91        | -0.99        | -5.90       | 6.22         | -2.81       | 7.27        | -2.09       | 29.40       | 4.22        |
| Czech Republic                | -4.91        | 14.14        | -4.61       | 14.32        | 10.32       | 10.14       | 4.03        | 9.88        | -2.21       |
| Denmark                       | -4.84        | -1.03        | 6.61        | 1.98         | 14.47       | 3.20        | 4.08        | 1.35        | 7.64        |
| Estonia                       | 3.75         | 7.41         | 5.26        | 2.69         | 4.48        | 5.78        | 11.44       | -4.70       | 14.29       |
| France                        | -1.21        | -1.00        | 1.39        | 1.72         | 3.62        | 2.10        | 1.28        | 2.49        | 1.54        |
| Germany                       | -1.39        | 1.42         | 3.36        | 5.50         | 2.60        | 9.17        | 7.78        | 0.14        | -1.16       |
| Greece                        | 0.44         | 3.72         | 3.47        | 0.15         | 8.55        | -1.94       | 8.25        | 37.70       | 4.44        |
| Hungary                       | -5.32        | 9.37         | 13.07       | 24.43        | -11.15      | 39.20       | 25.66       | 1.88        | -4.28       |
| Italy                         | -9.81        | -5.83        | 12.05       | 3.75         | 2.77        | -3.93       | 23.58       | 5.77        | -0.24       |
| Latvia*                       | 2.39         | 14.66        | 42.29       | 14.61        | 34.53       | 0.37        | 5.36        | 0.20        | 2.71        |
| Lithuania*                    | 19.38        | 31.96        | 33.13       | 20.84        | 19.38       | 6.36        | 3.96        | 0.67        | 20.35       |
| Luxembourg                    | 5.24         | 15.55        | -4.04       | 32.35        | 2.63        | 12.45       | 5.08        | -14.42      | 28.73       |
| Montenegro                    | 4.49         | -3.50        | 4.33        | -1.34        | 7.29        | 1.36        | 10.02       | 1.83        | 15.71       |
| Netherlands                   | 0.19         | 0.26         | 4.43        | 2.17         | 8.41        | 10.90       | 2.18        | 2.86        | 23.55       |
| North Macedonia               | -3.58        | -0.09        | -4.71       | -6.75        | 8.40        | 26.82       | 4.26        | 20.42       | 25.34       |
| Norway                        | 5.35         | 4.78         | 10.70       | 0.90         | 1.51        | 8.61        | 6.46        | -8.90       | -7.78       |
| Poland*                       | 11.39        | 24.10        | -7.45       | -0.56        | 12.67       | 2.74        | 10.10       | 5.73        | 13.62       |
| Portugal                      | -8.52        | 3.25         | -2.51       | 1.03         | 11.40       | 5.32        | -4.54       | 14.13       | -2.62       |
| Romania*                      | 8.52         | 11.06        | 1.40        | 31.35        | 9.60        | 6.41        | 5.64        | -2.50       | 9.43        |
| Slovak Republic               | 3.25         | 18.61        | 2.51        | 1.80         | 15.18       | 42.97       | 8.97        | -8.78       | 18.48       |
| Slovenia                      | -4.42        | -2.37        | 11.42       | 2.45         | 7.31        | 8.13        | -3.77       | 26.25       | 2.81        |
| Spain                         | 0.36         | 4.60         | -10.15      | 15.30        | 4.81        | -0.32       | -1.45       | 9.25        | 0.81        |
| Türkiye                       | 0.78         | 1.44         | 8.64        | 11.61        | 23.91       | 2.86        | 2.25        | -3.63       | -22.74      |
| United Kingdom                | -1.37        | -2.91        | 4.81        | 2.15         | 2.45        | 0.86        | 1.26        | 5.35        | 1.76        |
| United States                 | -5.19        | -2.84        | 1.56        | -3.81        | 2.18        | 9.21        | 0.77        | 1.33        | 1.26        |
| <b>NATO Europe and Canada</b> | <b>-0.95</b> | <b>1.68</b>  | <b>2.98</b> | <b>5.89</b>  | <b>4.25</b> | <b>3.66</b> | <b>4.86</b> | <b>3.12</b> | <b>1.16</b> |
| <b>NATO Total</b>             | <b>-4.06</b> | <b>-1.60</b> | <b>1.96</b> | <b>-1.03</b> | <b>2.82</b> | <b>7.49</b> | <b>2.00</b> | <b>1.89</b> | <b>1.23</b> |

Notes: Figures for 2021 and 2022 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 2014-2022**

Million US dollars (2015 prices and exchange rates)

|                 | 2014    | 2022e   | Real change 2014-2022e (%) | Share of real GDP 2014 (%) | Share of real GDP 2022e (%) |
|-----------------|---------|---------|----------------------------|----------------------------|-----------------------------|
| Albania         | 150     | 227     | 51.00                      | 1.35                       | 1.62                        |
| Belgium         | 4,400   | 5,965   | 35.57                      | 0.97                       | 1.18                        |
| Bulgaria        | 643     | 977     | 52.00                      | 1.31                       | 1.67                        |
| Canada          | 15,562  | 22,063  | 41.78                      | 1.01                       | 1.27                        |
| Croatia         | 892     | 1,215   | 36.24                      | 1.82                       | 2.03                        |
| Czech Republic  | 1,683   | 2,846   | 69.07                      | 0.94                       | 1.33                        |
| Denmark         | 3,399   | 4,906   | 44.33                      | 1.15                       | 1.39                        |
| Estonia         | 431     | 672     | 55.72                      | 1.93                       | 2.34                        |
| France          | 43,936  | 50,019  | 13.85                      | 1.82                       | 1.90                        |
| Germany         | 39,274  | 51,905  | 32.16                      | 1.19                       | 1.44                        |
| Greece          | 4,358   | 7,761   | 78.10                      | 2.22                       | 3.76                        |
| Hungary         | 1,035   | 2,415   | 133.18                     | 0.86                       | 1.55                        |
| Italy           | 20,788  | 29,301  | 40.95                      | 1.14                       | 1.54                        |
| Latvia          | 246     | 672     | 173.74                     | 0.94                       | 2.10                        |
| Lithuania       | 357     | 1,213   | 239.51                     | 0.88                       | 2.36                        |
| Luxembourg      | 216     | 423     | 96.05                      | 0.37                       | 0.58                        |
| Montenegro      | 59      | 83      | 40.02                      | 1.50                       | 1.75                        |
| Netherlands     | 8,650   | 14,447  | 67.01                      | 1.15                       | 1.65                        |
| North Macedonia | 106     | 203     | 92.06                      | 1.09                       | 1.78                        |
| Norway          | 5,862   | 6,765   | 15.41                      | 1.55                       | 1.55                        |
| Poland          | 8,532   | 14,921  | 74.88                      | 1.86                       | 2.42                        |
| Portugal        | 2,562   | 3,243   | 26.59                      | 1.31                       | 1.44                        |
| Romania         | 2,324   | 4,518   | 94.44                      | 1.35                       | 1.99                        |
| Slovak Republic | 832     | 1,997   | 140.02                     | 0.99                       | 2.00                        |
| Slovenia        | 411     | 663     | 61.52                      | 0.97                       | 1.22                        |
| Spain           | 10,608  | 13,035  | 22.88                      | 0.92                       | 1.01                        |
| Türkiye         | 11,783  | 14,063  | 19.35                      | 1.45                       | 1.22                        |
| United Kingdom  | 61,287  | 71,462  | 16.60                      | 2.13                       | 2.12                        |
| United States   | 660,021 | 722,799 | 9.51                       | 3.72                       | 3.47                        |

Note: Figures for 2021 and 2022 are estimates.

**Table 5 : Real GDP**

Billion US dollars (2015 prices and exchange rates)

|                               | 2014          | 2015          | 2016          | 2017          | 2018          | 2019          | 2020          | 2021e         | 2022e         |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Albania                       | 11            | 11            | 12            | 12            | 13            | 13            | 13            | 14            | 14            |
| Belgium                       | 453           | 462           | 468           | 476           | 485           | 495           | 467           | 496           | 508           |
| Bulgaria                      | 49            | 51            | 52            | 54            | 55            | 57            | 55            | 57            | 58            |
| Canada                        | 1,546         | 1,557         | 1,572         | 1,620         | 1,665         | 1,696         | 1,607         | 1,680         | 1,743         |
| Croatia                       | 49            | 50            | 52            | 54            | 55            | 57            | 53            | 58            | 60            |
| Czech Republic                | 178           | 188           | 193           | 203           | 210           | 216           | 203           | 210           | 214           |
| Denmark                       | 296           | 303           | 312           | 321           | 328           | 335           | 328           | 343           | 353           |
| Estonia                       | 22            | 23            | 24            | 25            | 26            | 27            | 26            | 28            | 29            |
| France                        | 2,415         | 2,441         | 2,465         | 2,525         | 2,571         | 2,620         | 2,413         | 2,576         | 2,637         |
| Germany                       | 3,313         | 3,355         | 3,426         | 3,529         | 3,568         | 3,607         | 3,429         | 3,527         | 3,593         |
| Greece                        | 196           | 196           | 195           | 197           | 200           | 204           | 185           | 201           | 206           |
| Hungary                       | 121           | 125           | 128           | 134           | 141           | 147           | 140           | 150           | 156           |
| Iceland                       | 17            | 18            | 19            | 19            | 20            | 21            | 19            | 20            | 21            |
| Italy                         | 1,824         | 1,836         | 1,861         | 1,894         | 1,909         | 1,919         | 1,744         | 1,860         | 1,907         |
| Latvia                        | 26            | 27            | 28            | 29            | 30            | 31            | 30            | 31            | 32            |
| Lithuania                     | 41            | 41            | 42            | 44            | 46            | 48            | 48            | 51            | 51            |
| Luxembourg                    | 59            | 60            | 63            | 64            | 65            | 67            | 66            | 71            | 73            |
| Montenegro                    | 4             | 4             | 4             | 4             | 5             | 5             | 4             | 5             | 5             |
| Netherlands                   | 751           | 766           | 782           | 806           | 824           | 840           | 808           | 849           | 874           |
| North Macedonia               | 10            | 10            | 10            | 10            | 11            | 11            | 11            | 11            | 11            |
| Norway                        | 378           | 386           | 390           | 399           | 403           | 406           | 404           | 419           | 436           |
| Poland                        | 458           | 477           | 492           | 516           | 544           | 570           | 557           | 591           | 617           |
| Portugal                      | 196           | 199           | 203           | 211           | 217           | 222           | 204           | 214           | 225           |
| Romania                       | 173           | 178           | 186           | 200           | 209           | 217           | 209           | 222           | 227           |
| Slovak Republic               | 84            | 89            | 90            | 93            | 97            | 99            | 95            | 98            | 100           |
| Slovenia                      | 42            | 43            | 44            | 47            | 49            | 50            | 48            | 52            | 54            |
| Spain                         | 1,152         | 1,196         | 1,232         | 1,269         | 1,298         | 1,325         | 1,181         | 1,242         | 1,292         |
| Türkiye                       | 815           | 864           | 893           | 960           | 988           | 997           | 1,015         | 1,127         | 1,157         |
| United Kingdom                | 2,882         | 2,957         | 3,024         | 3,089         | 3,140         | 3,192         | 2,896         | 3,112         | 3,368         |
| United States                 | 17,726        | 18,206        | 18,510        | 18,927        | 19,480        | 19,925        | 19,247        | 20,339        | 20,838        |
| <b>NATO Europe and Canada</b> | <b>17,547</b> | <b>17,898</b> | <b>18,250</b> | <b>18,791</b> | <b>19,159</b> | <b>19,483</b> | <b>18,258</b> | <b>19,312</b> | <b>20,022</b> |
| <b>NATO Total</b>             | <b>35,273</b> | <b>36,104</b> | <b>36,760</b> | <b>37,719</b> | <b>38,638</b> | <b>39,408</b> | <b>37,505</b> | <b>39,650</b> | <b>40,859</b> |

Notes: Figures for 2021 and 2022 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        | 2022e        |
|----------------------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| <b>GDP per capita (thousand US dollars)</b>        |             |             |             |             |             |              |              |              |              |
| Albania                                            | 3.9         | 4.0         | 4.1         | 4.3         | 4.4         | 4.5          | 4.4          | 4.9          | 5.0          |
| Belgium                                            | 40.4        | 41.0        | 41.3        | 41.8        | 42.4        | 43.1         | 40.4         | 42.8         | 43.6         |
| Bulgaria                                           | 6.8         | 7.1         | 7.3         | 7.6         | 7.9         | 8.2          | 7.9          | 8.3          | 8.5          |
| Canada                                             | 43.6        | 43.6        | 43.5        | 44.3        | 44.9        | 45.1         | 42.3         | 43.8         | 45.0         |
| Croatia                                            | 11.6        | 11.9        | 12.4        | 13.0        | 13.5        | 14.1         | 13.0         | 14.9         | 15.4         |
| Czech Republic                                     | 16.9        | 17.8        | 18.2        | 19.2        | 19.7        | 20.2         | 19.0         | 19.6         | 20.0         |
| Denmark                                            | 52.4        | 53.3        | 54.5        | 55.7        | 56.6        | 57.5         | 56.2         | 58.6         | 60.2         |
| Estonia                                            | 17.0        | 17.4        | 17.9        | 18.9        | 19.6        | 20.3         | 19.7         | 21.4         | 21.6         |
| France                                             | 36.4        | 36.7        | 36.9        | 37.6        | 38.2        | 38.7         | 35.6         | 37.9         | 38.7         |
| Germany                                            | 40.9        | 41.1        | 41.6        | 42.7        | 43.0        | 43.4         | 41.2         | 42.4         | 43.2         |
| Greece                                             | 18.0        | 18.1        | 18.1        | 18.3        | 18.6        | 19.0         | 17.3         | 18.8         | 19.4         |
| Hungary                                            | 12.2        | 12.7        | 13.0        | 13.6        | 14.4        | 15.1         | 14.4         | 15.5         | 15.4         |
| Iceland                                            | 51.2        | 53.0        | 55.5        | 56.5        | 57.7        | 57.8         | 52.9         | 54.4         | 56.0         |
| Italy                                              | 30.2        | 30.5        | 31.0        | 31.6        | 31.9        | 32.1         | 29.3         | 31.5         | 32.4         |
| Latvia                                             | 13.2        | 13.8        | 14.2        | 14.9        | 15.6        | 16.1         | 15.6         | 16.4         | 17.2         |
| Lithuania                                          | 13.9        | 14.3        | 14.8        | 15.7        | 16.4        | 17.2         | 17.2         | 18.0         | 18.3         |
| Luxembourg                                         | 105.1       | 105.4       | 107.9       | 107.0       | 107.0       | 108.3        | 104.7        | 110.2        | 111.7        |
| Montenegro                                         | 6.3         | 6.5         | 6.7         | 7.0         | 7.4         | 7.7          | 6.5          | 7.4          | 7.6          |
| Netherlands                                        | 44.5        | 45.2        | 45.9        | 47.0        | 47.8        | 48.4         | 46.3         | 48.4         | 49.6         |
| North Macedonia                                    | 4.7         | 4.9         | 5.0         | 5.0         | 5.2         | 5.3          | 5.1          | 5.3          | 5.5          |
| Norway                                             | 73.7        | 74.3        | 74.5        | 75.6        | 76.0        | 76.0         | 75.0         | 77.5         | 80.0         |
| Poland                                             | 11.9        | 12.4        | 12.8        | 13.4        | 14.2        | 14.8         | 14.5         | 15.4         | 14.8         |
| Portugal                                           | 18.8        | 19.3        | 19.7        | 20.4        | 21.1        | 21.6         | 19.8         | 20.7         | 21.9         |
| Romania                                            | 8.7         | 9.0         | 9.4         | 10.2        | 10.7        | 11.2         | 10.9         | 11.5         | 11.9         |
| Slovak Republic                                    | 15.5        | 16.3        | 16.6        | 17.1        | 17.7        | 18.2         | 17.4         | 17.9         | 17.1         |
| Slovenia                                           | 20.5        | 20.9        | 21.5        | 22.6        | 23.5        | 24.1         | 22.9         | 24.7         | 25.8         |
| Spain                                              | 24.8        | 25.8        | 26.5        | 27.3        | 27.8        | 28.1         | 24.9         | 26.2         | 27.3         |
| Türkiye                                            | 10.6        | 11.0        | 11.3        | 12.0        | 12.1        | 12.1         | 12.2         | 13.4         | 13.6         |
| United Kingdom                                     | 44.6        | 45.4        | 46.1        | 46.8        | 47.3        | 47.8         | 43.2         | 46.2         | 49.8         |
| United States                                      | 55.6        | 56.7        | 57.3        | 58.2        | 59.6        | 60.7         | 58.3         | 61.3         | 62.5         |
| <b>NATO Europe and Canada</b>                      | <b>29.3</b> | <b>29.7</b> | <b>30.2</b> | <b>30.9</b> | <b>31.4</b> | <b>31.8</b>  | <b>29.6</b>  | <b>31.3</b>  | <b>32.1</b>  |
| <b>NATO Total</b>                                  | <b>38.4</b> | <b>39.1</b> | <b>39.6</b> | <b>40.4</b> | <b>41.2</b> | <b>41.9</b>  | <b>39.6</b>  | <b>41.8</b>  | <b>42.7</b>  |
| <b>Defence expenditure per capita (US dollars)</b> |             |             |             |             |             |              |              |              |              |
| Albania                                            | 52          | 46          | 45          | 47          | 51          | 58           | 57           | 59           | 82           |
| Belgium                                            | 393         | 373         | 370         | 370         | 378         | 383          | 413          | 446          | 513          |
| Bulgaria                                           | 89          | 88          | 91          | 93          | 114         | 258          | 127          | 132          | 143          |
| Canada                                             | 439         | 523         | 505         | 637         | 583         | 585          | 600          | 576          | 569          |
| Croatia                                            | 211         | 210         | 199         | 214         | 210         | 226          | 223          | 300          | 313          |
| Czech Republic                                     | 160         | 182         | 173         | 198         | 218         | 239          | 248          | 272          | 266          |
| Denmark                                            | 602         | 592         | 626         | 634         | 723         | 743          | 771          | 779          | 835          |
| Estonia                                            | 328         | 353         | 371         | 381         | 397         | 418          | 464          | 442          | 505          |
| France                                             | 663         | 653         | 660         | 668         | 690         | 702          | 709          | 724          | 734          |
| Germany                                            | 485         | 488         | 500         | 526         | 538         | 586          | 631          | 631          | 624          |
| Greece                                             | 400         | 418         | 434         | 435         | 474         | 465          | 504          | 696          | 730          |
| Hungary                                            | 105         | 115         | 130         | 163         | 145         | 202          | 254          | 260          | 238          |
| Italy                                              | 345         | 325         | 365         | 379         | 391         | 376          | 467          | 497          | 498          |
| Latvia                                             | 123         | 142         | 204         | 237         | 321         | 324          | 344          | 348          | 360          |
| Lithuania                                          | 122         | 162         | 219         | 268         | 323         | 345          | 358          | 360          | 432          |
| Luxembourg                                         | 387         | 438         | 410         | 531         | 534         | 588          | 609          | 513          | 651          |
| Montenegro                                         | 95          | 92          | 95          | 94          | 101         | 102          | 113          | 115          | 133          |
| Netherlands                                        | 513         | 512         | 532         | 540         | 582         | 641          | 652          | 667          | 820          |
| North Macedonia                                    | 51          | 51          | 48          | 45          | 49          | 62           | 65           | 78           | 98           |
| Norway                                             | 1,141       | 1,183       | 1,299       | 1,300       | 1,311       | 1,414        | 1,497        | 1,356        | 1,242        |
| Poland                                             | 222         | 275         | 255         | 254         | 286         | 294          | 324          | 343          | 359          |
| Portugal                                           | 246         | 255         | 250         | 253         | 282         | 297          | 283          | 324          | 315          |
| Romania                                            | 117         | 130         | 133         | 175         | 193         | 207          | 220          | 215          | 237          |
| Slovak Republic                                    | 154         | 182         | 186         | 189         | 218         | 311          | 338          | 309          | 342          |
| Slovenia                                           | 199         | 194         | 216         | 222         | 237         | 254          | 243          | 306          | 314          |
| Spain                                              | 228         | 239         | 215         | 247         | 258         | 255          | 250          | 273          | 275          |
| Türkiye                                            | 153         | 153         | 164         | 180         | 221         | 224          | 227          | 216          | 166          |
| United Kingdom                                     | 949         | 914         | 950         | 965         | 982         | 986          | 994          | 1,042        | 1,056        |
| United States                                      | 2,071       | 1,998       | 2,015       | 1,926       | 1,958       | 2,128        | 2,134        | 2,151        | 2,167        |
| <b>NATO Europe and Canada</b>                      | <b>418</b>  | <b>423</b>  | <b>433</b>  | <b>457</b>  | <b>474</b>  | <b>489</b>   | <b>510</b>   | <b>525</b>   | <b>526</b>   |
| <b>NATO Total</b>                                  | <b>992</b>  | <b>971</b>  | <b>984</b>  | <b>969</b>  | <b>992</b>  | <b>1,061</b> | <b>1,076</b> | <b>1,093</b> | <b>1,098</b> |

Notes: Figures for 2021 and 2022 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        | 2022e        |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Albania                       | 6.7          | 6.2          | 5.8          | 6.8          | 6.8          | 6.8          | 6.7          | 6.6          | 6.6          |
| Belgium                       | 30.5         | 29.7         | 28.8         | 27.8         | 26.5         | 23.3         | 22.8         | 22.7         | 22.5         |
| Bulgaria                      | 27.5         | 24.9         | 24.7         | 24.3         | 24.4         | 24.6         | 25.0         | 25.8         | 27.4         |
| Canada                        | 65.9         | 70.3         | 70.5         | 68.2         | 70.3         | 71.8         | 70.3         | 68.2         | 68.2         |
| Croatia                       | 15.4         | 15.1         | 14.8         | 14.8         | 15.0         | 14.8         | 14.7         | 14.4         | 15.2         |
| Czech Republic                | 20.2         | 21.5         | 22.7         | 23.8         | 24.7         | 25.3         | 26.1         | 26.4         | 26.9         |
| Denmark                       | 16.9         | 17.2         | 17.3         | 16.7         | 17.2         | 16.3         | 16.9         | 16.9         | 17.2         |
| Estonia                       | 6.3          | 6.0          | 6.1          | 6.0          | 6.2          | 6.3          | 6.7          | 6.8          | 6.9          |
| France                        | 207.0        | 204.8        | 208.1        | 208.2        | 208.2        | 207.8        | 207.6        | 207.5        | 207.1        |
| Germany                       | 178.8        | 177.2        | 177.9        | 179.8        | 181.5        | 183.8        | 183.9        | 184.8        | 188.5        |
| Greece                        | 107.3        | 104.4        | 106.0        | 106.9        | 109.2        | 102.5        | 106.6        | 110.4        | 111.4        |
| Hungary                       | 17.5         | 17.4         | 17.9         | 18.7         | 19.9         | 18.9         | 19.8         | 19.8         | 21.4         |
| Italy                         | 183.5        | 178.4        | 176.3        | 174.6        | 174.1        | 176.4        | 173.4        | 171.5        | 174.8        |
| Latvia                        | 4.6          | 4.8          | 5.2          | 5.5          | 5.9          | 6.0          | 6.4          | 6.6          | 7.5          |
| Lithuania                     | 8.6          | 11.8         | 11.8         | 13.5         | 14.3         | 14.9         | 15.1         | 15.2         | 17.2         |
| Luxembourg                    | 0.8          | 0.8          | 0.8          | 0.8          | 0.9          | 0.9          | 0.8          | 0.8          | 0.9          |
| Montenegro                    | 1.9          | 1.7          | 1.5          | 1.5          | 1.5          | 1.5          | 1.9          | 1.6          | 1.7          |
| Netherlands                   | 41.2         | 40.6         | 40.0         | 39.5         | 39.3         | 39.7         | 40.0         | 40.8         | 41.6         |
| North Macedonia               | 6.5          | 6.8          | 6.6          | 6.3          | 6.5          | 6.4          | 6.4          | 6.1          | 6.2          |
| Norway                        | 21.0         | 20.9         | 20.5         | 20.2         | 20.2         | 19.2         | 20.6         | 22.2         | 22.6         |
| Poland                        | 99.0         | 98.9         | 101.6        | 105.3        | 109.5        | 113.1        | 116.2        | 121.0        | 122.5        |
| Portugal                      | 30.7         | 28.3         | 29.8         | 27.8         | 26.9         | 23.8         | 23.7         | 24.5         | 26.5         |
| Romania                       | 65.1         | 64.5         | 63.4         | 64.0         | 64.0         | 64.5         | 66.4         | 68.6         | 78.5         |
| Slovak Republic               | 12.4         | 12.4         | 12.2         | 12.2         | 12.2         | 12.2         | 12.7         | 12.7         | 13.8         |
| Slovenia                      | 6.8          | 6.6          | 6.5          | 6.3          | 6.2          | 6.0          | 6.0          | 6.0          | 5.9          |
| Spain                         | 121.8        | 121.6        | 121.0        | 117.7        | 117.4        | 117.0        | 118.7        | 118.7        | 118.2        |
| Türkiye                       | 426.6        | 384.8        | 359.3        | 416.7        | 444.3        | 441.8        | 433.0        | 439.1        | 446.9        |
| United Kingdom                | 168.7        | 141.4        | 139.5        | 149.4        | 146.6        | 144.0        | 147.3        | 156.2        | 156.2        |
| United States                 | 1,338.2      | 1,314.1      | 1,301.4      | 1,305.9      | 1,317.4      | 1,329.2      | 1,346.7      | 1,348.4      | 1,346.4      |
| <b>NATO Europe and Canada</b> | <b>1,891</b> | <b>1,811</b> | <b>1,788</b> | <b>1,857</b> | <b>1,893</b> | <b>1,883</b> | <b>1,896</b> | <b>1,922</b> | <b>1,960</b> |
| <b>NATO Total</b>             | <b>3,229</b> | <b>3,125</b> | <b>3,090</b> | <b>3,163</b> | <b>3,210</b> | <b>3,212</b> | <b>3,242</b> | <b>3,270</b> | <b>3,307</b> |

Notes: Figures for 2021 and 2022 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 | 2022e |
| <b>Equipment (a)</b> |                                         |       |       |       |       |       |       |       |       |
| Albania              | 16.65                                   | 8.92  | 8.01  | 6.96  | 9.42  | 14.61 | 15.00 | 15.12 | 19.96 |
| Belgium              | 3.52                                    | 3.44  | 4.72  | 6.52  | 10.15 | 11.06 | 13.88 | 19.47 | 19.30 |
| Bulgaria             | 1.03                                    | 3.47  | 9.15  | 8.10  | 9.65  | 59.74 | 8.44  | 11.05 | 22.63 |
| Canada               | 13.03                                   | 10.47 | 10.61 | 10.70 | 11.94 | 13.84 | 14.67 | 13.66 | 18.69 |
| Croatia              | 5.56                                    | 8.01  | 7.51  | 5.69  | 3.37  | 6.55  | 9.06  | 30.01 | 30.49 |
| Czech Republic       | 6.53                                    | 11.75 | 6.70  | 11.55 | 11.16 | 16.44 | 17.31 | 20.47 | 19.16 |
| Denmark              | 10.99                                   | 11.50 | 13.68 | 10.39 | 11.66 | 16.21 | 17.65 | 17.19 | 29.90 |
| Estonia              | 22.15                                   | 12.82 | 17.86 | 19.22 | 16.51 | 15.50 | 23.00 | 23.18 | 21.57 |
| France               | 24.64                                   | 25.04 | 24.44 | 24.17 | 23.66 | 24.53 | 26.62 | 27.80 | 28.55 |
| Germany              | 12.94                                   | 11.93 | 12.21 | 11.77 | 12.36 | 14.69 | 17.45 | 18.60 | 20.89 |
| Greece               | 8.17                                    | 10.40 | 13.45 | 11.28 | 11.03 | 11.55 | 10.70 | 37.24 | 45.33 |
| Hungary              | 7.76                                    | 9.75  | 13.37 | 18.54 | 12.63 | 36.46 | 45.57 | 37.16 | 48.02 |
| Italy                | 10.92                                   | 9.72  | 19.09 | 20.68 | 19.13 | 17.00 | 18.56 | 23.22 | 22.69 |
| Latvia               | 7.55                                    | 13.60 | 19.05 | 15.01 | 31.85 | 21.65 | 20.53 | 22.07 | 24.58 |
| Lithuania            | 14.06                                   | 21.55 | 30.06 | 31.61 | 36.98 | 37.57 | 33.71 | 22.32 | 30.54 |
| Luxembourg           | 22.61                                   | 33.33 | 30.07 | 42.06 | 45.18 | 52.27 | 52.00 | 46.95 | 52.37 |
| Montenegro           | 7.46                                    | 5.43  | 4.46  | 4.97  | 11.14 | 14.96 | 20.96 | 20.54 | 25.04 |
| Netherlands          | 10.68                                   | 11.16 | 14.14 | 14.75 | 16.39 | 20.34 | 22.13 | 23.82 | 23.74 |
| North Macedonia      | 5.92                                    | 11.13 | 8.37  | 6.47  | 11.09 | 13.82 | 11.53 | 21.77 | 31.06 |
| Norway               | 20.42                                   | 21.83 | 23.37 | 24.63 | 25.60 | 28.76 | 28.41 | 29.19 | 31.62 |
| Poland               | 18.84                                   | 33.20 | 21.62 | 22.04 | 27.51 | 23.36 | 29.31 | 33.89 | 20.43 |
| Portugal             | 8.43                                    | 8.70  | 9.95  | 11.42 | 15.48 | 16.61 | 17.36 | 16.83 | 17.93 |
| Romania              | 15.77                                   | 19.65 | 20.43 | 33.34 | 33.47 | 25.59 | 23.12 | 21.57 | 25.96 |
| Slovak Republic      | 11.12                                   | 18.28 | 15.32 | 17.74 | 22.27 | 40.07 | 31.84 | 27.44 | 26.31 |
| Slovenia             | 0.66                                    | 1.85  | 1.02  | 4.04  | 5.98  | 7.11  | 5.69  | 14.56 | 17.93 |
| Spain                | 13.49                                   | 14.82 | 6.65  | 20.39 | 21.83 | 21.02 | 19.43 | 22.47 | 26.20 |
| Türkiye              | 25.08                                   | 25.13 | 25.55 | 30.30 | 37.64 | 34.32 | 30.73 | 29.31 | 30.79 |
| United Kingdom       | 22.82                                   | 21.75 | 21.24 | 22.29 | 22.25 | 22.85 | 23.83 | 26.13 | 28.06 |
| United States        | 25.97                                   | 25.41 | 25.05 | 25.73 | 27.06 | 29.06 | 29.69 | 28.90 | 27.23 |
| <b>Personnel (b)</b> |                                         |       |       |       |       |       |       |       |       |
| Albania              | 68.05                                   | 78.15 | 68.05 | 68.20 | 70.70 | 62.89 | 64.41 | 63.57 | 46.62 |
| Belgium              | 77.84                                   | 78.23 | 76.80 | 75.20 | 70.69 | 68.38 | 63.58 | 56.79 | 49.50 |
| Bulgaria             | 72.84                                   | 73.66 | 65.64 | 68.33 | 62.99 | 29.42 | 63.79 | 65.59 | 56.77 |
| Canada               | 50.90                                   | 53.76 | 53.11 | 57.37 | 51.02 | 49.54 | 49.23 | 49.04 | 45.33 |
| Croatia              | 76.55                                   | 72.28 | 75.40 | 71.72 | 76.96 | 73.71 | 76.15 | 56.71 | 54.57 |
| Czech Republic       | 61.40                                   | 55.25 | 61.95 | 56.11 | 54.57 | 51.82 | 49.72 | 44.70 | 44.22 |
| Denmark              | 51.27                                   | 52.01 | 49.51 | 47.01 | 49.88 | 48.25 | 46.07 | 48.31 | 43.06 |
| Estonia              | 38.62                                   | 39.56 | 38.70 | 34.89 | 33.83 | 34.18 | 32.67 | 32.86 | 33.86 |
| France               | 48.59                                   | 47.79 | 47.94 | 47.98 | 46.90 | 45.59 | 44.01 | 42.89 | 41.65 |
| Germany              | 50.67                                   | 49.86 | 48.35 | 48.96 | 47.99 | 45.26 | 42.22 | 41.81 | 40.57 |
| Greece               | 77.18                                   | 72.05 | 73.13 | 76.56 | 78.76 | 77.08 | 74.58 | 53.78 | 43.68 |
| Hungary              | 49.77                                   | 48.21 | 49.66 | 37.13 | 42.33 | 35.37 | 27.18 | 29.43 | 30.39 |
| Italy                | 76.41                                   | 77.55 | 70.79 | 67.58 | 68.16 | 70.21 | 67.52 | 63.70 | 62.40 |
| Latvia               | 52.97                                   | 50.06 | 43.87 | 38.59 | 34.32 | 33.53 | 37.15 | 37.24 | 35.51 |
| Lithuania            | 57.53                                   | 48.49 | 45.50 | 40.79 | 37.47 | 40.02 | 41.33 | 42.58 | 37.30 |
| Luxembourg           | 49.31                                   | 42.77 | 45.56 | 34.40 | 33.42 | 30.76 | 30.13 | 34.58 | 24.11 |
| Montenegro           | 78.53                                   | 78.03 | 75.32 | 80.87 | 73.50 | 71.39 | 64.66 | 59.90 | 52.98 |
| Netherlands          | 56.50                                   | 55.51 | 51.77 | 52.19 | 51.16 | 49.27 | 48.49 | 47.91 | 38.84 |
| North Macedonia      | 72.49                                   | 70.95 | 71.26 | 75.25 | 71.53 | 61.93 | 63.33 | 51.03 | 40.42 |
| Norway               | 40.64                                   | 39.96 | 38.60 | 37.08 | 36.43 | 34.78 | 34.51 | 34.15 | 32.97 |
| Poland               | 51.45                                   | 41.96 | 47.15 | 50.04 | 46.14 | 46.91 | 44.71 | 43.55 | 46.30 |
| Portugal             | 81.27                                   | 81.90 | 81.38 | 80.19 | 74.75 | 70.51 | 71.15 | 63.09 | 63.06 |
| Romania              | 71.15                                   | 63.30 | 65.01 | 54.67 | 54.48 | 57.90 | 59.20 | 57.80 | 51.91 |
| Slovak Republic      | 69.14                                   | 56.24 | 58.72 | 58.21 | 54.74 | 40.81 | 42.34 | 49.27 | 44.87 |
| Slovenia             | 82.31                                   | 82.23 | 76.03 | 75.04 | 72.38 | 69.07 | 72.75 | 61.99 | 54.36 |
| Spain                | 67.34                                   | 65.18 | 72.61 | 61.64 | 59.64 | 61.86 | 62.54 | 58.70 | 57.18 |
| Türkiye              | 56.88                                   | 56.82 | 57.60 | 51.02 | 45.18 | 48.38 | 50.64 | 47.88 | 48.45 |
| United Kingdom       | 36.59                                   | 36.80 | 35.27 | 34.54 | 33.75 | 34.07 | 33.80 | 31.80 | 30.96 |
| United States        | 35.45                                   | 36.64 | 45.01 | 41.53 | 39.74 | 38.72 | 38.47 | 39.00 | 38.84 |

Notes: Figures for 2021 and 2022 are estimates.

(a) Equipment expenditure includes major equipment expenditure and R&amp;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 | 2022e |
| <b>Infrastructure (c)</b> |                                         |       |       |       |       |       |       |       |       |
| Albania                   | 0.86                                    | 1.40  | 1.37  | 0.92  | 1.09  | 1.64  | 1.39  | 3.61  | 11.42 |
| Belgium                   | 1.81                                    | 0.93  | 0.96  | 1.05  | 1.43  | 1.19  | 1.00  | 0.82  | 2.67  |
| Bulgaria                  | 0.63                                    | 1.27  | 0.63  | 0.83  | 2.62  | 1.09  | 7.71  | 4.93  | 4.75  |
| Canada                    | 3.81                                    | 3.63  | 3.03  | 2.98  | 3.58  | 2.72  | 3.07  | 3.14  | 3.52  |
| Croatia                   | 1.24                                    | 1.98  | 1.26  | 3.59  | 1.00  | 1.41  | 1.53  | 0.55  | 3.16  |
| Czech Republic            | 2.34                                    | 3.32  | 3.91  | 3.99  | 5.31  | 5.27  | 7.41  | 6.24  | 9.93  |
| Denmark                   | 0.97                                    | 1.09  | 2.16  | 1.95  | 1.49  | 1.85  | 1.84  | 4.08  | 4.67  |
| Estonia                   | 8.20                                    | 8.45  | 12.15 | 11.27 | 8.52  | 6.13  | 6.65  | 5.55  | 9.16  |
| France                    | 2.33                                    | 2.80  | 2.70  | 2.88  | 3.51  | 3.13  | 2.88  | 3.03  | 3.03  |
| Germany                   | 3.75                                    | 3.60  | 3.39  | 4.06  | 4.15  | 3.99  | 3.78  | 2.50  | 2.38  |
| Greece                    | 1.10                                    | 0.65  | 0.58  | 0.79  | 0.62  | 0.20  | 0.18  | 0.26  | 0.05  |
| Hungary                   | 1.07                                    | 1.21  | 1.13  | 1.31  | 1.68  | 2.64  | 1.41  | 3.59  | 2.95  |
| Italy                     | 1.40                                    | 1.30  | 0.70  | 0.94  | 1.29  | 0.67  | 0.97  | 1.53  | 2.21  |
| Latvia                    | 8.89                                    | 6.64  | 12.83 | 15.02 | 6.45  | 10.30 | 11.85 | 5.28  | 8.68  |
| Lithuania                 | 2.17                                    | 2.16  | 3.59  | 3.92  | 2.24  | 2.40  | 1.25  | 2.47  | 4.98  |
| Luxembourg                | 10.26                                   | 7.79  | 6.64  | 4.64  | 5.05  | 3.16  | 3.42  | 7.28  | 11.22 |
| Montenegro                | 0.96                                    | 2.47  | 2.41  | 0.88  | 1.86  | 1.48  | 1.33  | 5.26  | 7.18  |
| Netherlands               | 4.77                                    | 3.19  | 3.90  | 3.02  | 3.46  | 3.26  | 3.14  | 2.98  | 3.35  |
| North Macedonia           | 1.24                                    | 1.67  | 1.28  | 1.01  | 0.95  | 3.89  | 2.78  | 3.09  | 2.92  |
| Norway                    | 5.71                                    | 5.30  | 6.56  | 6.93  | 6.67  | 5.87  | 6.55  | 6.45  | 5.99  |
| Poland                    | 5.47                                    | 4.74  | 4.62  | 4.21  | 3.45  | 4.78  | 4.31  | 3.71  | 4.98  |
| Portugal                  | 0.11                                    | 0.25  | 0.06  | 0.03  | 0.05  | 0.11  | 0.08  | 0.11  | 0.06  |
| Romania                   | 1.09                                    | 1.27  | 2.77  | 2.09  | 1.54  | 3.53  | 4.29  | 7.06  | 7.75  |
| Slovak Republic           | 0.57                                    | 1.99  | 3.75  | 2.97  | 2.00  | 1.17  | 5.21  | 2.32  | 2.10  |
| Slovenia                  | 0.65                                    | 0.61  | 1.14  | 0.45  | 1.40  | 0.57  | 1.10  | 1.31  | 3.59  |
| Spain                     | 0.66                                    | 0.97  | 0.97  | 0.68  | 0.64  | 0.98  | 1.07  | 1.08  | 0.76  |
| Türkiye                   | 2.77                                    | 2.56  | 2.42  | 2.95  | 2.53  | 2.26  | 2.22  | 7.49  | 6.91  |
| United Kingdom            | 1.95                                    | 1.63  | 1.87  | 2.25  | 2.99  | 2.11  | 1.72  | 1.49  | 2.05  |
| United States             | 1.71                                    | 1.45  | 1.22  | 1.23  | 1.17  | 1.38  | 1.33  | 1.21  | 1.52  |
| <b>Other (d)</b>          |                                         |       |       |       |       |       |       |       |       |
| Albania                   | 14.44                                   | 11.53 | 22.57 | 23.92 | 18.79 | 20.86 | 19.20 | 17.70 | 22.00 |
| Belgium                   | 16.83                                   | 17.40 | 17.52 | 17.23 | 17.72 | 19.36 | 21.54 | 22.92 | 28.52 |
| Bulgaria                  | 25.51                                   | 21.60 | 24.57 | 22.74 | 24.74 | 9.74  | 20.05 | 18.43 | 15.85 |
| Canada                    | 32.26                                   | 32.14 | 33.25 | 28.95 | 33.46 | 33.90 | 33.04 | 34.16 | 32.46 |
| Croatia                   | 16.65                                   | 17.73 | 15.83 | 18.99 | 18.67 | 18.33 | 13.27 | 12.73 | 11.78 |
| Czech Republic            | 29.73                                   | 29.67 | 27.45 | 28.35 | 28.95 | 26.47 | 25.56 | 28.58 | 26.68 |
| Denmark                   | 36.78                                   | 35.40 | 34.65 | 40.66 | 36.97 | 33.69 | 34.44 | 30.42 | 22.37 |
| Estonia                   | 31.03                                   | 39.18 | 31.30 | 34.62 | 41.14 | 44.20 | 37.68 | 38.40 | 35.40 |
| France                    | 24.43                                   | 24.37 | 24.92 | 24.97 | 25.92 | 26.74 | 26.49 | 26.28 | 26.76 |
| Germany                   | 32.63                                   | 34.61 | 36.05 | 35.20 | 35.49 | 36.06 | 36.55 | 37.09 | 36.16 |
| Greece                    | 13.55                                   | 16.90 | 12.84 | 11.37 | 9.60  | 11.17 | 14.55 | 8.72  | 10.93 |
| Hungary                   | 41.40                                   | 40.83 | 35.84 | 43.01 | 43.36 | 25.53 | 25.84 | 29.82 | 18.63 |
| Italy                     | 11.27                                   | 11.42 | 9.42  | 10.80 | 11.43 | 12.11 | 12.95 | 11.55 | 12.70 |
| Latvia                    | 30.59                                   | 29.69 | 24.25 | 31.38 | 27.38 | 34.51 | 30.46 | 35.42 | 31.23 |
| Lithuania                 | 26.24                                   | 27.79 | 20.85 | 23.67 | 23.30 | 20.01 | 23.71 | 32.63 | 27.18 |
| Luxembourg                | 17.82                                   | 16.11 | 17.73 | 18.90 | 16.35 | 13.81 | 14.45 | 11.20 | 12.30 |
| Montenegro                | 13.06                                   | 14.07 | 17.80 | 13.27 | 13.50 | 12.16 | 13.06 | 14.30 | 14.81 |
| Netherlands               | 28.05                                   | 30.14 | 30.20 | 30.04 | 28.99 | 27.13 | 26.24 | 25.29 | 34.07 |
| North Macedonia           | 20.34                                   | 16.25 | 19.09 | 17.26 | 16.43 | 20.36 | 22.37 | 24.10 | 25.60 |
| Norway                    | 33.24                                   | 32.90 | 31.46 | 31.36 | 31.30 | 30.59 | 30.53 | 30.21 | 29.42 |
| Poland                    | 24.24                                   | 20.11 | 26.61 | 23.71 | 22.89 | 24.95 | 21.67 | 18.85 | 28.29 |
| Portugal                  | 10.19                                   | 9.15  | 8.61  | 8.35  | 9.72  | 12.77 | 11.41 | 19.97 | 18.95 |
| Romania                   | 11.98                                   | 15.78 | 11.79 | 9.90  | 10.51 | 12.99 | 13.38 | 13.57 | 14.38 |
| Slovak Republic           | 19.16                                   | 23.49 | 22.22 | 21.08 | 20.99 | 17.95 | 20.60 | 20.98 | 26.72 |
| Slovenia                  | 16.38                                   | 15.31 | 21.80 | 20.47 | 20.24 | 23.25 | 20.46 | 22.14 | 24.12 |
| Spain                     | 18.50                                   | 19.03 | 19.78 | 17.28 | 17.89 | 16.14 | 16.96 | 17.76 | 15.86 |
| Türkiye                   | 15.27                                   | 15.49 | 14.43 | 15.73 | 14.65 | 15.04 | 16.41 | 15.32 | 13.85 |
| United Kingdom            | 38.63                                   | 39.82 | 41.62 | 40.92 | 41.01 | 40.97 | 40.65 | 40.59 | 38.93 |
| United States             | 36.87                                   | 36.51 | 28.73 | 31.52 | 32.03 | 30.84 | 30.51 | 30.89 | 32.41 |

Notes: Figures for 2021 and 2022 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. 2022 represents the fiscal year 2022/2023 for Canada and United Kingdom, and the fiscal year 2021/2022 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:

|          |                                               |
|----------|-----------------------------------------------|
| <b>1</b> | <b>Operating costs</b>                        |
| 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              |
| <b>2</b> | <b>Procurement and construction</b>           |
| 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                            |
| <b>3</b> | <b>Research and development</b>               |
| 3.1      | <i>Devoted to major equipment</i>             |
| 3.2      | <i>Other</i>                                  |
| <b>4</b> | <b>Other expenditure</b>                      |
| <b>5</b> | <b>Total</b>                                  |
| 6        | Statistical discrepancy                       |
| <b>7</b> | <b>Adjusted total</b>                         |

## 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