

A monthly summary of the epidemiological data on selected vaccine-preventable diseases in the WHO European Region

**Table 1: Reported measles cases for the period March 2022—February 2023 (data as of 04 April 2023)**

| Country                | Total Population in 2022 <sup>1</sup> | Incidence Rate March 2022-February 2023 (per 1 million population) | Total measles cases | Month and year of rash onset |        |        |        |        |        |        |        |        |        |        |        | Month & year of last report |
|------------------------|---------------------------------------|--------------------------------------------------------------------|---------------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------------------|
|                        |                                       |                                                                    |                     | Mar-22                       | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Jan-23 | Feb-23 |                             |
| Albania                | 2 842 321                             | 1.41                                                               | 4                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 3      | Feb-23                      |
| Andorra                | 79 824                                | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -      | Jan-23                      |
| Armenia                | 2 780 469                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Austria                | 8 939 617                             | 3.69                                                               | 33                  | 0                            | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 31     | Feb-23                      |
| Azerbaijan             | 10 358 074                            | 0.10                                                               | 1                   | 0                            | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Belarus                | 9 534 955                             | 0.10                                                               | 1                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | Feb-23                      |
| Belgium                | 11 655 930                            | 1.63                                                               | 19                  | 1                            | 1      | 2      | 3      | 0      | 0      | 2      | 2      | 1      | 5      | 2      | 0      | Feb-23                      |
| Bosnia and Herzegovina | 3 233 527                             | 2.16                                                               | 7                   | 1                            | 0      | 0      | 0      | 1      | 0      | 1      | 2      | 0      | 0      | 0      | 2      | Feb-23                      |
| Bulgaria               | 6 781 953                             | 0.15                                                               | 1                   | 0                            | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Croatia                | 4 030 358                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Cyprus                 | 1 251 489                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -      | -      | Dec-22                      |
| Czech Republic         | 10 493 986                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Denmark                | 5 882 262                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Estonia                | 1 326 062                             | 0.75                                                               | 1                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | Feb-23                      |
| Finland                | 5 540 746                             | 0.18                                                               | 1                   | 0                            | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| France                 | 64 626 628                            | 0.34                                                               | 22                  | 0                            | 7      | 1      | 0      | 4      | 2      | 2      | 2      | 0      | 0      | 3      | 1      | Feb-23                      |
| Georgia                | 3 744 386                             | 3.20                                                               | 12                  | 0                            | 1      | 1      | 3      | 2      | 0      | 0      | 3      | 0      | 0      | 2      | 0      | Feb-23                      |
| Germany                | 83 369 843                            | 0.14                                                               | 12                  | 1                            | 1      | 1      | 1      | 1      | 1      | 0      | 1      | 2      | 1      | 2      | 0      | Feb-23                      |
| Greece                 | 10 384 971                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Hungary                | 9 967 308                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Iceland                | 372 899                               | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Ireland                | 5 023 109                             | 0.40                                                               | 2                   | 0                            | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | Feb-23                      |
| Israel                 | 9 038 309                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Italy                  | 59 037 474                            | 0.30                                                               | 18                  | 2                            | 0      | 1      | 0      | 0      | 0      | 3      | 6      | 3      | 1      | 1      | 1      | Feb-23                      |
| Kazakhstan             | 19 397 998                            | 0.57                                                               | 11                  | 0                            | 0      | 0      | 0      | 0      | 3      | 1      | 0      | 0      | -      | 0      | 7      | Feb-23                      |
| Kyrgyzstan             | 6 630 623                             | 4.37                                                               | 29                  | 7                            | 1      | 0      | 0      | 0      | 0      | 1      | 1      | 0      | 12     | 2      | 5      | Feb-23                      |
| Latvia                 | 1 850 651                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Lithuania              | 2 750 055                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -      | Jan-23                      |
| Luxembourg             | 647 599                               | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Malta                  | 533 286                               | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Monaco                 | 36 469                                | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Montenegro             | 627 083                               | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Netherlands            | 17 564 014                            | 0.34                                                               | 6                   | 0                            | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 5      | 0      | 0      | 0      | Feb-23                      |
| North Macedonia        | 2 093 599                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -      | Jan-23                      |
| Norway                 | 5 434 319                             | 0.18                                                               | 1                   | 0                            | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Poland                 | 39 857 146                            | 0.70                                                               | 28                  | 3                            | 3      | 2      | 2      | 1      | 3      | 2      | 3      | 1      | 7      | 1      | 0      | Feb-23                      |
| Portugal               | 10 270 865                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Republic of Moldova    | 3 272 996                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Romania                | 19 659 267                            | 0.41                                                               | 8                   | 2                            | 0      | 1      | 1      | 2      | 0      | 0      | 0      | 0      | 2      | -      | -      | Dec-22                      |
| Russian Federation     | 144 713 314                           | 2.86                                                               | 414                 | 3                            | 5      | 3      | 6      | 0      | 6      | 3      | 6      | 14     | 64     | 154    | 150    | Feb-23                      |
| San Marino             | 33 661                                | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Serbia                 | 7 221 366                             | 5.54                                                               | 40                  | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 24     | 16     | Feb-23                      |
| Slovakia               | 5 643 453                             | 0.35                                                               | 2                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0      | Feb-23                      |
| Slovenia               | 2 119 844                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Spain                  | 47 558 630                            | 0.13                                                               | 6                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 1      | 4      | Feb-23                      |
| Sweden                 | 10 549 347                            | 0.38                                                               | 4                   | 0                            | 0      | 1      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Switzerland            | 8 740 472                             | 0.69                                                               | 6                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 4      | 1      | Feb-23                      |
| Tajikistan             | 9 952 787                             | 61.29                                                              | 610                 | 49                           | 46     | 40     | 49     | 50     | 33     | 48     | 47     | 33     | 17     | 76     | 122    | Feb-23                      |
| Türkiye                | 85 341 241                            | 5.46                                                               | 466                 | 9                            | 11     | 7      | 11     | 12     | 6      | 9      | 16     | 17     | 25     | 175    | 168    | Feb-23                      |
| Turkmenistan           | 6 430 771                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Ukraine                | 39 701 739                            | 0.30                                                               | 12                  | 1                            | 0      | 0      | 2      | 1      | 0      | 0      | 0      | 3      | 2      | 1      | 2      | Feb-23                      |
| United Kingdom         | 67 508 936                            | 0.99                                                               | 67                  | 0                            | 0      | 3      | 23     | 13     | 3      | 1      | 4      | 1      | 1      | 12     | 6      | Feb-23                      |
| Uzbekistan             | 34 627 653                            | 0.49                                                               | 17                  | 0                            | 4      | 2      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 9      | Feb-23                      |
| Region                 | 931 065 684                           | 2.00                                                               | 1861                | 79                           | 82     | 67     | 106    | 87     | 59     | 74     | 94     | 81     | 139    | 464    | 529    |                             |

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Member States submitting aggregate data: Belgium, Bosnia and Herzegovina, Kazakhstan, North Macedonia and Serbia.

<sup>1</sup> Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2022 Revision.

Tables 1–4, criteria for date of case inclusion may differ in accordance with Member States' surveillance systems.

Table 2: Reported rubella cases for the period March 2022—February 2023 (data as of 04 April 2023)

| Country                | Total Population in 2022 <sup>1</sup> | Incidence Rate March 2022-February 2023 (per 1 million population) | Total rubella cases | Month and year of rash onset |        |        |        |        |        |        |        |        |        |        |        | Month & year of last report |
|------------------------|---------------------------------------|--------------------------------------------------------------------|---------------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------------------|
|                        |                                       |                                                                    |                     | Mar-22                       | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Jan-23 | Feb-23 |                             |
| Albania                | 2 842 321                             | 0.35                                                               | 1                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | Feb-23                      |
| Andorra                | 79 824                                | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -      | Jan-23                      |
| Armenia                | 2 780 469                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Austria                | 8 939 617                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Azerbaijan             | 10 358 074                            | 0.39                                                               | 4                   | 0                            | 2      | 0      | 0      | 1      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Belarus                | 9 534 955                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Belgium <sup>2</sup>   | 11 655 930                            | -                                                                  | -                   | -                            | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -                           |
| Bosnia and Herzegovina | 3 233 527                             | 0.31                                                               | 1                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | Feb-23                      |
| Bulgaria               | 6 781 953                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Croatia                | 4 030 358                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Cyprus                 | 1 251 489                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -      | -      | Dec-22                      |
| Czech Republic         | 10 493 986                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Denmark <sup>2</sup>   | 5 882 262                             | -                                                                  | -                   | -                            | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -                           |
| Estonia                | 1 326 062                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Finland                | 5 540 746                             | 0.18                                                               | 1                   | 0                            | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| France <sup>2</sup>    | 64 626 628                            | -                                                                  | -                   | -                            | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -                           |
| Georgia                | 3 744 386                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Germany                | 83 369 843                            | 0.08                                                               | 7                   | 0                            | 0      | 0      | 2      | 1      | 1      | 1      | 0      | 0      | 1      | 0      | 1      | Feb-23                      |
| Greece                 | 10 384 971                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Hungary                | 9 967 308                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Iceland                | 372 899                               | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Ireland                | 5 023 109                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Israel                 | 9 038 309                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Italy                  | 59 037 474                            | 0.19                                                               | 11                  | 0                            | 0      | 0      | 0      | 1      | 1      | 3      | 0      | 1      | 1      | 3      | 1      | Feb-23                      |
| Kazakhstan             | 19 397 998                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -      | 0      | 0      | Feb-23                      |
| Kyrgyzstan             | 6 630 623                             | 1.06                                                               | 7                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 1      | 2      | 3      | Feb-23                      |
| Latvia                 | 1 850 651                             | 0.54                                                               | 1                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | Feb-23                      |
| Lithuania              | 2 750 055                             | 0.36                                                               | 1                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | -      | -      | Dec-22                      |
| Luxembourg             | 647 599                               | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Malta                  | 533 286                               | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Monaco                 | 36 469                                | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Montenegro             | 627 083                               | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Netherlands            | 17 564 014                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| North Macedonia        | 2 093 599                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | -      | Jan-23                      |
| Norway                 | 5 434 319                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Poland                 | 39 857 146                            | 3.54                                                               | 141                 | 14                           | 15     | 8      | 13     | 11     | 13     | 11     | 20     | 14     | 22     | -      | -      | Dec-22                      |
| Portugal               | 10 270 865                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Republic of Moldova    | 3 272 996                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Romania                | 19 659 267                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Russian Federation     | 144 713 314                           | 0.01                                                               | 1                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | Feb-23                      |
| San Marino             | 33 661                                | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Serbia                 | 7 221 366                             | -                                                                  | -                   | -                            | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | No report                   |
| Slovakia               | 5 643 453                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Slovenia               | 2 119 844                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Spain                  | 47 558 630                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Sweden                 | 10 549 347                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Switzerland            | 8 740 472                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Tajikistan             | 9 952 787                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Türkiye                | 85 341 241                            | 0.53                                                               | 45                  | 7                            | 3      | 2      | 6      | 5      | 0      | 1      | 3      | 5      | 5      | 4      | 4      | Feb-23                      |
| Turkmenistan           | 6 430 771                             | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Ukraine                | 39 701 739                            | 0.18                                                               | 7                   | 0                            | 0      | 1      | 2      | 0      | 1      | 0      | 1      | 1      | 0      | 0      | 1      | Feb-23                      |
| United Kingdom         | 67 508 936                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Uzbekistan             | 34 627 653                            | 0.00                                                               | 0                   | 0                            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | Feb-23                      |
| Region                 | 931 065 684                           | 0.24                                                               | 228                 | 21                           | 21     | 11     | 23     | 19     | 16     | 17     | 26     | 22     | 30     | 10     | 12     |                             |

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, North Macedonia and Poland.

<sup>1</sup> Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2022 Revision.<sup>2</sup> Country does not have a comprehensive rubella surveillance system.

**Table 3: Measles classification, reporting and surveillance performance, January—February 2023 (data as of 04 April 2023)**

| Country                   | Total<br>Population in<br>2022 <sup>1</sup> | 2022<br>(as of 04 April 2023)                         |                                        |                            | 2023                                   |                |          |                                       |                   |                |                |                           |                         |                                |                                                  |                                         |                                     |                                             |
|---------------------------|---------------------------------------------|-------------------------------------------------------|----------------------------------------|----------------------------|----------------------------------------|----------------|----------|---------------------------------------|-------------------|----------------|----------------|---------------------------|-------------------------|--------------------------------|--------------------------------------------------|-----------------------------------------|-------------------------------------|---------------------------------------------|
|                           |                                             | Incidence<br>Rate<br>(per 1<br>million<br>population) | Total<br>measles<br>cases <sup>2</sup> | Total<br>measles<br>deaths | Total<br>measles<br>cases <sup>2</sup> | Classification |          |                                       | Discarded measles | Imported cases | Measles deaths | Report                    |                         |                                | Surveillance Indicators <sup>6</sup>             |                                         |                                     |                                             |
|                           |                                             |                                                       |                                        |                            |                                        | Lab confirmed  | Epi-Link | Clinically<br>compatible <sup>3</sup> |                   |                |                | Completeness <sup>4</sup> | Timeliness <sup>4</sup> | Month & year of<br>last report | Laboratory<br>investigation<br>rate <sup>4</sup> | Rate of<br>discarded cases <sup>5</sup> | Origin of<br>infection <sup>4</sup> | Timeliness of<br>investigation <sup>4</sup> |
| Albania <sup>7</sup>      | 2 842 321                                   | 0.35                                                  | 1                                      | 0                          | 3                                      | 3              | 0        | 0                                     | 3                 | 0              | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.1                                     | 100%                                | 100%                                        |
| Andorra                   | 79 824                                      | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -              | 50%                       | 50%                     | Jan-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Armenia                   | 2 780 469                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 5                 | -              | -              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.2                                     | -                                   | 100%                                        |
| Austria                   | 8 939 617                                   | 0.11                                                  | 1                                      | 0                          | 32                                     | 32             | 0        | 0                                     | 7                 | 2              | 0              | 100%                      | 100%                    | Feb-23                         | 85%                                              | 0.1                                     | 97%                                 | 0%                                          |
| Azerbaijan                | 10 358 074                                  | 0.10                                                  | 1                                      | 0                          | 0                                      | 0              | 0        | 0                                     | 26                | -              | -              | 100%                      | 50%                     | Feb-23                         | 100%                                             | 0.3                                     | -                                   | 100%                                        |
| Belarus <sup>7</sup>      | 9 534 955                                   | 0.00                                                  | 0                                      | -                          | 1                                      | 1              | 0        | 0                                     | 32                | 0              | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.3                                     | 0%                                  | 0%                                          |
| Belgium                   | 11 655 930                                  | 1.46                                                  | 17                                     | 0                          | 2                                      | 0              | 1        | 1                                     | -                 | -              | 0              | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Bosnia and Herzegovina    | 3 233 527                                   | 1.86                                                  | 6                                      | 0                          | 2                                      | 0              | 0        | 2                                     | -                 | -              | 0              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Bulgaria                  | 6 781 953                                   | 0.15                                                  | 1                                      | 0                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Croatia                   | 4 030 358                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -              | 100%                      | 50%                     | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Cyprus                    | 1 251 489                                   | 0.00                                                  | 0                                      | -                          | -                                      | -              | -        | -                                     | -                 | -              | -              | 0%                        | 0%                      | Dec-22                         | -                                                | -                                       | -                                   | -                                           |
| Czech Republic            | 10 493 986                                  | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Denmark                   | 5 882 262                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Estonia                   | 1 326 062                                   | 0.00                                                  | 0                                      | -                          | 1                                      | 1              | 0        | 0                                     | 35                | 1              | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 2.6                                     | 100%                                | 100%                                        |
| Finland                   | 5 540 746                                   | 0.18                                                  | 1                                      | 0                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| France                    | 64 626 628                                  | 0.29                                                  | 19                                     | 0                          | 4                                      | 3              | 0        | 1                                     | -                 | 2              | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | -                                       | 100%                                | 0%                                          |
| Georgia                   | 3 744 386                                   | 3.20                                                  | 12                                     | 0                          | 2                                      | 2              | 0        | 0                                     | 3                 | 0              | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.1                                     | 100%                                | 80%                                         |
| Germany                   | 83 369 843                                  | 0.18                                                  | 15                                     | 0                          | 2                                      | 1              | 0        | 1                                     | -                 | 0              | 0              | 100%                      | 100%                    | Feb-23                         | 50%                                              | -                                       | 50%                                 | 0%                                          |
| Greece                    | 10 384 971                                  | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Hungary                   | 9 967 308                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Iceland                   | 372 899                                     | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Ireland                   | 5 023 109                                   | 0.40                                                  | 2                                      | 0                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Israel                    | 9 038 309                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Italy                     | 59 037 474                                  | 0.30                                                  | 18                                     | 0                          | 2                                      | 2              | 0        | 0                                     | 6                 | 1              | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.0                                     | 50%                                 | 0%                                          |
| Kazakhstan                | 19 397 998                                  | 0.21                                                  | 4                                      | 0                          | 7                                      | 7              | 0        | 0                                     | -                 | -              | 0              | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Kyrgyzstan <sup>7</sup>   | 6 630 623                                   | 3.47                                                  | 23                                     | 0                          | 7                                      | 7              | 0        | 0                                     | 48                | 2              | 0              | 100%                      | 100%                    | Feb-23                         | 98%                                              | 0.7                                     | 29%                                 | 98%                                         |
| Latvia                    | 1 850 651                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Lithuania                 | 2 750 055                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 50%                       | 0%                      | Jan-23                         | -                                                | -                                       | -                                   | -                                           |
| Luxembourg                | 647 599                                     | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Malta                     | 533 286                                     | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Monaco                    | 36 469                                      | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Montenegro                | 627 083                                     | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Netherlands               | 17 564 014                                  | 0.34                                                  | 6                                      | 0                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| North Macedonia           | 2 093 599                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 50%                       | 50%                     | Jan-23                         | -                                                | -                                       | -                                   | -                                           |
| Norway                    | 5 434 319                                   | 0.18                                                  | 1                                      | 0                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Poland                    | 39 857 146                                  | 0.80                                                  | 32                                     | 0                          | 1                                      | 0              | 0        | 1                                     | -                 | 0              | 0              | 100%                      | 50%                     | Feb-23                         | 0%                                               | -                                       | 100%                                | 100%                                        |
| Portugal                  | 10 270 865                                  | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 1                 | -              | -              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.0                                     | -                                   | 0%                                          |
| Republic of Moldova       | 3 272 996                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 11                | -              | -              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.3                                     | -                                   | 100%                                        |
| Romania                   | 19 659 267                                  | 0.46                                                  | 9                                      | 0                          | -                                      | -              | -        | -                                     | -                 | -              | -              | 0%                        | 0%                      | Dec-22                         | -                                                | -                                       | -                                   | -                                           |
| Russian Federation        | 144 713 314                                 | 0.79                                                  | 114                                    | 0                          | 304                                    | 300            | 3        | 1                                     | 791               | 14             | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.5                                     | 100%                                | 37%                                         |
| San Marino                | 33 661                                      | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -              | 100%                      | 50%                     | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Serbia                    | 7 221 366                                   | 0.00                                                  | 0                                      | -                          | 40                                     | 39             | 0        | 1                                     | -                 | -              | 0              | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Slovakia                  | 5 643 453                                   | 0.00                                                  | 0                                      | -                          | 2                                      | 2              | 0        | 0                                     | 0                 | 1              | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.0                                     | 100%                                | 100%                                        |
| Slovenia                  | 2 119 844                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Spain                     | 47 558 630                                  | 0.02                                                  | 1                                      | 0                          | 5                                      | 2              | 0        | 3                                     | 9                 | 0              | 0              | 100%                      | 100%                    | Feb-23                         | 71%                                              | 0.0                                     | 60%                                 | 93%                                         |
| Sweden                    | 10 549 347                                  | 0.38                                                  | 4                                      | 0                          | 0                                      | 0              | 0        | 0                                     | -                 | -              | -              | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Switzerland               | 8 740 472                                   | 0.11                                                  | 1                                      | 0                          | 5                                      | 5              | 0        | 0                                     | 33                | 2              | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.4                                     | 100%                                | 5%                                          |
| Tajikistan                | 9 952 787                                   | 45.31                                                 | 451                                    | 0                          | 198                                    | 153            | 45       | 0                                     | 14                | 197            | 0              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.1                                     | 99%                                 | 100%                                        |
| Türkiye <sup>7</sup>      | 85 341 241                                  | 1.48                                                  | 126                                    | 0                          | 343                                    | 343            | 0        | 0                                     | 394               | 0              | 0              | 100%                      | 50%                     | Feb-23                         | 100%                                             | 0.5                                     | 87%                                 | 97%                                         |
| Turkmenistan <sup>7</sup> | 6 430 771                                   | 0.00                                                  | 0                                      | -                          | 0                                      | 0              | 0        | 0                                     | 8                 | -              | -              | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.1                                     | -                                   | 100%                                        |
| Ukraine                   | 39 701 739                                  | 0.28                                                  | 11                                     | 0                          | 3                                      | 2              | 0        | 1                                     | 11                | 0              | 0              | 100%                      | 100%                    | Feb-23                         | 79%                                              | 0.0                                     | 100%                                | 100%                                        |
| United Kingdom            | 67 508 936                                  | 0.74                                                  | 50                                     | 0                          | 18                                     | 18             | 0        | 0                                     | -                 | 2              | 0              | 100%                      | 50%                     | Feb-23                         | 100%                                             | -                                       | 67%                                 | 0%                                          |
| Uzbekistan                | 34 627 653                                  | 0.23                                                  | 8                                      | 0                          | 9                                      | 9              | 0        | 0                                     | 4                 | 4              | 0              | 100%                      | 50%                     | Feb-23                         | 100%                                             | 0.0                                     | 44%                                 | 92%                                         |
| Region                    | 931 065 684                                 | 1.00                                                  | 935                                    | 0                          | 993                                    | 932            | 49       | 12                                    | 1441              | 228            | 0              | 93%                       | 79%                     | Feb-23                         | 99%                                              | 0.3                                     | 93%                                 | 64%                                         |

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Member States submitting aggregate data: Belgium, Bosnia and Herzegovina, Kazakhstan, North Macedonia and Serbia.

<sup>1</sup> Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2022 Revision.

<sup>2</sup> All confirmed measles cases regardless of origin.

<sup>3</sup> Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

<sup>4</sup> Target (>=80%) not achieving are highlighted in red.

<sup>5</sup> Rate of discarded cases not achieving the target (>=2 discarded cases per 100 000) are highlighted in red. Rate of discarded cases is not calculated for the countries submitting only confirmed measles cases.

<sup>6</sup> Surveillance indicators can not be calculated for Member States submitting aggregate data.

<sup>7</sup> Country classifies discard cases as "discarded, not measles, not rubella".

Table 4: Rubella classification, reporting and surveillance performance, January—February 2023 (data as of 04 April 2023)

| Country                   | Total<br>Population in<br>2022 <sup>1</sup> | 2022<br>(as of 04 April 2023)                   |                                        | 2023                                   |                |          |                                       |                      |                   |                           |                         |                                |                                                  |                                         |                                     |                                             |
|---------------------------|---------------------------------------------|-------------------------------------------------|----------------------------------------|----------------------------------------|----------------|----------|---------------------------------------|----------------------|-------------------|---------------------------|-------------------------|--------------------------------|--------------------------------------------------|-----------------------------------------|-------------------------------------|---------------------------------------------|
|                           |                                             | Incidence Rate<br>(per 1 million<br>population) | Total<br>rubella<br>cases <sup>2</sup> | Total<br>rubella<br>cases <sup>2</sup> | Classification |          |                                       | Discarded<br>rubella | Imported<br>cases | Report                    |                         |                                | Surveillance Indicators <sup>6</sup>             |                                         |                                     |                                             |
|                           |                                             |                                                 |                                        |                                        | Lab confirmed  | Epi-Link | Clinically<br>compatible <sup>3</sup> |                      |                   | Completeness <sup>4</sup> | Timeliness <sup>4</sup> | Month & year of<br>last report | Laboratory<br>investigation<br>rate <sup>4</sup> | Rate of<br>discarded cases <sup>5</sup> | Origin of<br>infection <sup>4</sup> | Timeliness of<br>investigation <sup>4</sup> |
| Albania <sup>7</sup>      | 2 842 321                                   | 0.00                                            | 0                                      | 1                                      | 1              | 0        | 0                                     | 3                    | 0                 | 100%                      | 100%                    | Feb-23                         | 75%                                              | 0.1                                     | 100%                                | 75%                                         |
| Andorra                   | 79 824                                      | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 50%                       | 50%                     | Jan-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Armenia                   | 2 780 469                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Austria                   | 8 939 617                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Azerbaijan                | 10 358 074                                  | 0.39                                            | 4                                      | 0                                      | 0              | 0        | 0                                     | 10                   | -                 | 100%                      | 50%                     | Feb-23                         | 90%                                              | 0.1                                     | -                                   | 100%                                        |
| Belarus <sup>7</sup>      | 9 534 955                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 32                   | -                 | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.3                                     | -                                   | 0%                                          |
| Belgium <sup>8</sup>      | 11 655 930                                  | -                                               | -                                      | -                                      | -              | -        | -                                     | -                    | -                 | -                         | -                       | -                              | -                                                | -                                       | -                                   | -                                           |
| Bosnia and Herzegovina    | 3 233 527                                   | 0.00                                            | 0                                      | 1                                      | 0              | 0        | 1                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Bulgaria                  | 6 781 953                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Croatia                   | 4 030 358                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Cyprus                    | 1 251 489                                   | 0.00                                            | 0                                      | -                                      | -              | -        | -                                     | -                    | -                 | 0%                        | 0%                      | Dec-22                         | -                                                | -                                       | -                                   | -                                           |
| Czech Republic            | 10 493 986                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Denmark <sup>8</sup>      | 5 882 262                                   | -                                               | -                                      | -                                      | -              | -        | -                                     | -                    | -                 | -                         | -                       | -                              | -                                                | -                                       | -                                   | -                                           |
| Estonia                   | 1 326 062                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 25                   | -                 | 100%                      | 100%                    | Feb-23                         | 100%                                             | 1.9                                     | -                                   | 100%                                        |
| Finland                   | 5 540 746                                   | 0.18                                            | 1                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| France <sup>8</sup>       | 64 626 628                                  | -                                               | -                                      | -                                      | -              | -        | -                                     | -                    | -                 | -                         | -                       | -                              | -                                                | -                                       | -                                   | -                                           |
| Georgia                   | 3 744 386                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Germany                   | 83 369 843                                  | 0.10                                            | 8                                      | 1                                      | 1              | 0        | 0                                     | -                    | 0                 | 100%                      | 50%                     | Feb-23                         | 100%                                             | -                                       | 100%                                | 0%                                          |
| Greece                    | 10 384 971                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Hungary                   | 9 967 308                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Iceland                   | 372 899                                     | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Ireland                   | 5 023 109                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Israel                    | 9 038 309                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Italy                     | 59 037 474                                  | 0.14                                            | 8                                      | 4                                      | 3              | 0        | 1                                     | 1                    | 0                 | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.0                                     | 50%                                 | 0%                                          |
| Kazakhstan                | 19 397 998                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Kyrgyzstan <sup>7</sup>   | 6 630 623                                   | 0.30                                            | 2                                      | 5                                      | 5              | 0        | 0                                     | 48                   | 1                 | 100%                      | 100%                    | Feb-23                         | 89%                                              | 0.7                                     | 20%                                 | 89%                                         |
| Latvia                    | 1 850 651                                   | 0.54                                            | 1                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Lithuania                 | 2 750 055                                   | 0.36                                            | 1                                      | -                                      | -              | -        | -                                     | -                    | -                 | 0%                        | 0%                      | Dec-22                         | -                                                | -                                       | -                                   | -                                           |
| Luxembourg                | 647 599                                     | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Malta                     | 533 286                                     | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Monaco                    | 36 469                                      | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Montenegro                | 627 083                                     | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Netherlands               | 17 564 014                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| North Macedonia           | 2 093 599                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 50%                       | 50%                     | Jan-23                         | -                                                | -                                       | -                                   | -                                           |
| Norway                    | 5 434 319                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Poland                    | 39 857 146                                  | 3.81                                            | 152                                    | -                                      | -              | -        | -                                     | -                    | -                 | 0%                        | 0%                      | Dec-22                         | -                                                | -                                       | -                                   | -                                           |
| Portugal                  | 10 270 865                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 2                    | -                 | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.0                                     | -                                   | 0%                                          |
| Republic of Moldova       | 3 272 996                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Romania                   | 19 659 267                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Russian Federation        | 144 713 314                                 | 0.00                                            | 0                                      | 1                                      | 1              | 0        | 0                                     | 0                    | 0                 | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.0                                     | 100%                                | 100%                                        |
| San Marino                | 33 661                                      | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Serbia                    | 7 221 366                                   | -                                               | -                                      | -                                      | -              | -        | -                                     | -                    | -                 | -                         | -                       | No report                      | -                                                | -                                       | -                                   | -                                           |
| Slovakia                  | 5 643 453                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Slovenia                  | 2 119 844                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Spain                     | 47 558 630                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Sweden                    | 10 549 347                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 100%                    | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Switzerland               | 8 740 472                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 5                    | -                 | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.1                                     | -                                   | 0%                                          |
| Tajikistan                | 9 952 787                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 3                    | -                 | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.0                                     | -                                   | 100%                                        |
| Türkiye <sup>7</sup>      | 85 341 241                                  | 0.47                                            | 40                                     | 8                                      | 8              | 0        | 0                                     | 394                  | 0                 | 100%                      | 50%                     | Feb-23                         | 100%                                             | 0.5                                     | 100%                                | 98%                                         |
| Turkmenistan <sup>7</sup> | 6 430 771                                   | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 8                    | -                 | 100%                      | 100%                    | Feb-23                         | 100%                                             | 0.1                                     | -                                   | 100%                                        |
| Ukraine                   | 39 701 739                                  | 0.23                                            | 9                                      | 1                                      | 1              | 0        | 0                                     | 9                    | 0                 | 100%                      | 100%                    | Feb-23                         | 90%                                              | 0.0                                     | 0%                                  | 100%                                        |
| United Kingdom            | 67 508 936                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | -                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | -                                       | -                                   | -                                           |
| Uzbekistan                | 34 627 653                                  | 0.00                                            | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                    | -                 | 100%                      | 50%                     | Feb-23                         | -                                                | 0.0                                     | -                                   | -                                           |
| Region                    | 931 065 684                                 | 0.24                                            | 226                                    | 22                                     | 20             | 0        | 2                                     | 540                  | 1                 | 85%                       | 72%                     |                                | 98%                                              | 0.1                                     | 67%                                 | 89%                                         |

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, North Macedonia and Poland.

<sup>1</sup> Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2022 Revision.<sup>2</sup> All confirmed rubella cases regardless of origin.<sup>3</sup> Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.<sup>4</sup> Target (>=80%) not achieving are highlighted in red.<sup>5</sup> Rate of discarded cases not achieving the target (>=2 discarded cases per 100 000) are highlighted in red. Rate of discarded cases is not calculated for the countries submitting only confirmed rubella cases.<sup>6</sup> Surveillance indicators can not be calculated for Member States submitting aggregate data.<sup>7</sup> Country classifies discard cases as "discarded, not measles, not rubella".<sup>8</sup> Country does not have a comprehensive rubella surveillance system.

Table 5: Measles and rubella laboratory test results, January—February 2023 (data as of 04 April 2023)

| Country                | Measles                             |                                       |                                          |                                                 | Rubella                             |                                       |                                           |                                                 | Report <sup>1</sup>       |                         |                      |
|------------------------|-------------------------------------|---------------------------------------|------------------------------------------|-------------------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------------|-------------------------------------------------|---------------------------|-------------------------|----------------------|
|                        | Total specimens tested <sup>1</sup> | Positive for measles (%) <sup>1</sup> | Genotypes reported to MeaNS <sup>2</sup> | Sequencing reported within 60 days <sup>2</sup> | Total specimens tested <sup>1</sup> | Positive for rubella (%) <sup>1</sup> | Genotypes reported to RubeNS <sup>3</sup> | Sequencing reported within 60 days <sup>3</sup> | Completeness <sup>4</sup> | Timeliness <sup>4</sup> | Month of last report |
| Albania                | 6                                   | 3 (50)                                | -                                        | -                                               | 1                                   | 1 (100)                               | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Andorra                |                                     |                                       |                                          |                                                 |                                     |                                       |                                           |                                                 |                           |                         | No lab               |
| Armenia                | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Austria                | 123                                 | 0 (0)                                 | B3,D8                                    | 100%                                            | 460                                 | 0 (0)                                 | -                                         | -                                               | 50%                       | 50%                     | Jan-23               |
| Azerbaijan             | 34                                  | 0 (0)                                 | -                                        | -                                               | 6                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Belarus                | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Belgium                | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Bosnia and Herzegovina | 4                                   | 0 (0)                                 | -                                        | -                                               | 6                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Bulgaria               | 7                                   | 0 (0)                                 | -                                        | -                                               | 7                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Croatia                | 0                                   | -                                     | -                                        | -                                               | 0                                   | -                                     | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Cyprus                 | 6                                   | 0 (0)                                 | -                                        | -                                               | 5                                   | 0 (0)                                 | -                                         | -                                               | 50%                       | 0%                      | Jan-23               |
| Czech Republic         | 3                                   | 1 (33)                                | -                                        | -                                               | 10                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Denmark                | 121                                 | 4 (3)                                 | -                                        | -                                               | 12                                  | 3 (25)                                | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Estonia                | 14                                  | 1 (7)                                 | -                                        | -                                               | 0                                   | -                                     | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Finland                | 4                                   | 0 (0)                                 | -                                        | -                                               | 5                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| France                 | -                                   | -                                     | B3,D8                                    | 100%                                            | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Georgia                | 8                                   | 2 (25)                                | -                                        | -                                               | 8                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Germany                | 39                                  | 0 (0)                                 | B3                                       | 100%                                            | 39                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 50%                     | Feb-23               |
| Greece                 | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Hungary                | 14                                  | 0 (0)                                 | -                                        | -                                               | 15                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Iceland                | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Ireland                | 90                                  | 2 (2)                                 | -                                        | -                                               | 374                                 | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Israel                 | 34                                  | 2 (6)                                 | -                                        | -                                               | 79                                  | 37 (47)                               | -                                         | -                                               | 100%                      | 50%                     | Feb-23               |
| Italy                  | 36                                  | 7 (19)                                | D8                                       | 100%                                            | 2                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Kazakhstan             | 11                                  | 7 (64)                                | D8                                       | 100%                                            | 8                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Kyrgyzstan             | 75                                  | 10 (13)                               | -                                        | -                                               | 75                                  | 5 (7)                                 | -                                         | -                                               | 100%                      | 50%                     | Feb-23               |
| Latvia                 | 23                                  | 0 (0)                                 | -                                        | -                                               | 18                                  | 1 (6)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Lithuania              | 11                                  | 0 (0)                                 | -                                        | -                                               | 11                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Luxembourg             | 9                                   | 0 (0)                                 | -                                        | -                                               | 0                                   | -                                     | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Malta                  | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Monaco                 |                                     |                                       |                                          |                                                 |                                     |                                       |                                           |                                                 |                           |                         | No lab               |
| Montenegro             | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Netherlands            | 1                                   | 0 (0)                                 | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | 50%                       | 50%                     | Jan-23               |
| North Macedonia        | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Norway                 | 0                                   | -                                     | -                                        | -                                               | 0                                   | -                                     | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Poland                 | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Portugal               | 0                                   | -                                     | -                                        | -                                               | 1                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Republic of Moldova    | 11                                  | 0 (0)                                 | -                                        | -                                               | 11                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Romania                | 21                                  | 3 (14)                                | D8                                       | 100%                                            | 19                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Russian Federation     | 1382                                | 564 (41)                              | D8                                       | 100%                                            | 1234                                | 22 (2)                                | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| San Marino             |                                     |                                       |                                          |                                                 |                                     |                                       |                                           |                                                 |                           |                         | No lab               |
| Serbia                 | 130                                 | 44 (34)                               | -                                        | -                                               | 171                                 | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Slovakia               | 12                                  | 6 (50)                                | -                                        | -                                               | 5                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Slovenia               | 16                                  | 0 (0)                                 | -                                        | -                                               | 12                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Spain                  | -                                   | -                                     | D8                                       | 100%                                            | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Sweden                 | 154                                 | 0 (0)                                 | D8                                       | 100%                                            | 368                                 | 5 (1)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Switzerland            | 39                                  | 7 (18)                                | B3,D8                                    | 100%                                            | 1                                   | 1 (100)                               | 1J                                        | 100%                                            | 100%                      | 100%                    | Feb-23               |
| Tajikistan             | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Türkiye                | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Turkmenistan           | 8                                   | 0 (0)                                 | -                                        | -                                               | 8                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Ukraine                | 1                                   | 0 (0)                                 | -                                        | -                                               | 1                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| United Kingdom         | 277                                 | 26 (9)                                | B3,D8                                    | 100%                                            | 21                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| Uzbekistan             | 6                                   | 4 (67)                                | -                                        | -                                               | 6                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-23               |
| <b>Region</b>          | <b>2730</b>                         | <b>693 (25)</b>                       | <b>-</b>                                 | <b>100%</b>                                     | <b>2999</b>                         | <b>75 (3)</b>                         | <b>-</b>                                  | <b>100%</b>                                     | <b>67%</b>                | <b>63%</b>              |                      |

<sup>1</sup> Data source: Monthly aggregated or specimen-based data reported to WHO/Europe.<sup>2</sup> MeaNS: <http://www.who-measles.org/>. Timeliness of sequence reporting relates to the time between specimen collection and reporting to MeaNS.<sup>3</sup> RubeNS: <https://who-gmrii.org/rubens2>. Timeliness of sequence reporting relates to the time between specimen collection and reporting to RubeNS.<sup>4</sup> Target (>=80%) not achieving are highlighted in red.

NB: 1) Specimen based data are not population based, and should not be interpreted as indicators for epidemiological surveillance. Laboratories may have received more than 1 clinical sample or may have conducted more than 1 test for a given case reported in tables 1-4.

2) Numbers provided for 'Total specimens tested' and 'Positive for measles' (or rubella) may not be consistent with 'Genotypes reported' due to differences in data sources and reporting timeframes.

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