

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 2019–February 2020 (data as of 07 April 2020)**

| Country                | Total Population in 2019 <sup>1</sup> | Incidence Rate March 2019–February 2020 (per 1 million population) | Total measles cases | Month and year of rash onset |              |              |             |             |             |             |             |             |             |             |             | Month & year of last report |
|------------------------|---------------------------------------|--------------------------------------------------------------------|---------------------|------------------------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------------|
|                        |                                       |                                                                    |                     | Mar-19                       | Apr-19       | May-19       | Jun-19      | Jul-19      | Aug-19      | Sep-19      | Oct-19      | Nov-19      | Dec-19      | Jan-20      | Feb-20      |                             |
| Albania                | 2 880 917                             | 120.79                                                             | 348                 | 138                          | 110          | 72           | 18          | 2           | 4           | 0           | 0           | 0           | 1           | 2           | 1           | Feb-20                      |
| Andorra                | 77 142                                | 0.00                                                               | 0                   | 0                            | 0            | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | Feb-20                      |
| Armenia                | 2 957 731                             | 1.69                                                               | 5                   | 2                            | 0            | 0            | 0           | 0           | 0           | 1           | 2           | 0           | 0           | 0           | 0           | Feb-20                      |
| Austria                | 8 955 102                             | 11.39                                                              | 102                 | 1                            | 32           | 35           | 6           | 7           | 4           | 2           | 1           | 2           | 3           | 2           | 7           | Feb-20                      |
| Azerbaijan             | 10 047 718                            | 5.27                                                               | 53                  | 19                           | 20           | 9            | 3           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 2           | Feb-20                      |
| Belarus                | 9 452 411                             | 16.61                                                              | 157                 | 18                           | 20           | 66           | 37          | 15          | 1           | 0           | 0           | 0           | 0           | 0           | 0           | Feb-20                      |
| Belgium                | 11 539 328                            | 36.48                                                              | 421                 | 66                           | 33           | 93           | 61          | 25          | 14          | 10          | 29          | 32          | 15          | 29          | 14          | Feb-20                      |
| Bosnia and Herzegovina | 3 301 000                             | 414.12                                                             | 1367                | 291                          | 430          | 376          | 186         | 58          | 19          | 3           | 1           | 0           | 1           | 2           | 0           | Feb-20                      |
| Bulgaria               | 7 000 119                             | 190.14                                                             | 1331                | 229                          | 278          | 263          | 214         | 76          | 35          | 15          | 11          | 18          | 41          | 94          | 57          | Feb-20                      |
| Croatia                | 4 130 304                             | 12.35                                                              | 51                  | 0                            | 0            | 6            | 4           | 10          | 4           | 14          | 12          | 1           | 0           | 0           | 0           | Feb-20                      |
| Cyprus                 | 1 198 575                             | 4.17                                                               | 5                   | 0                            | 3            | 1            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | Feb-20                      |
| Czech Republic         | 10 689 209                            | 32.28                                                              | 345                 | 181                          | 87           | 34           | 23          | 9           | 3           | 0           | 2           | 3           | 0           | 1           | 2           | Feb-20                      |
| Denmark                | 5 771 876                             | 2.43                                                               | 14                  | 6                            | 2            | 1            | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 4           | 0           | Feb-20                      |
| Estonia                | 1 325 648                             | 13.58                                                              | 18                  | 2                            | 0            | 6            | 7           | 1           | 1           | 0           | 0           | 0           | 1           | 0           | 0           | Feb-20                      |
| Finland                | 5 532 156                             | 1.81                                                               | 10                  | 0                            | 2            | 0            | 0           | 0           | 0           | 0           | 0           | 4           | 0           | 2           | 2           | Feb-20                      |
| France                 | 65 129 728                            | 37.88                                                              | 2467                | 319                          | 340          | 554          | 467         | 311         | 109         | 56          | 61          | 49          | 40          | 86          | 75          | Feb-20                      |
| Georgia                | 3 996 765                             | 451.37                                                             | 1804                | 792                          | 540          | 280          | 136         | 26          | 4           | 1           | 6           | 6           | 4           | 6           | 3           | Feb-20                      |
| Germany                | 83 517 045                            | 4.27                                                               | 357                 | 125                          | 64           | 37           | 21          | 19          | 22          | 11          | 5           | 8           | 6           | 24          | 15          | Feb-20                      |
| Greece                 | 10 473 455                            | 3.82                                                               | 40                  | 5                            | 12           | 5            | 0           | 0           | 6           | 9           | 1           | 1           | 0           | 1           | 0           | Feb-20                      |
| Hungary                | 9 684 679                             | 1.65                                                               | 16                  | 4                            | 2            | 9            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | Feb-20                      |
| Iceland                | 339 031                               | 17.70                                                              | 6                   | 4                            | 0            | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 1           | 0           | 0           | Feb-20                      |
| Ireland                | 4 882 495                             | 13.31                                                              | 65                  | 16                           | 4            | 5            | 3           | 1           | 1           | 8           | 7           | 4           | 3           | 1           | 12          | Feb-20                      |
| Israel                 | 8 519 377                             | 66.91                                                              | 570                 | 249                          | 203          | 60           | 27          | 14          | 3           | 3           | 0           | 4           | 2           | 4           | 1           | Feb-20                      |
| Italy                  | 60 550 075                            | 22.35                                                              | 1353                | 228                          | 309          | 236          | 216         | 152         | 77          | 20          | 7           | 10          | 12          | 52          | 34          | Feb-20                      |
| Kazakhstan             | 18 551 427                            | 652.62                                                             | 12107               | 1918                         | 1963         | 1828         | 954         | 586         | 402         | 283         | 424         | 576         | 978         | 1192        | 1003        | Feb-20                      |
| Kyrgyzstan             | 6 415 850                             | 238.32                                                             | 1529                | 563                          | 374          | 101          | 52          | 24          | 18          | 22          | 2           | 5           | 54          | 158         | 156         | Feb-20                      |
| Latvia                 | 1 906 743                             | 1.05                                                               | 2                   | 0                            | 0            | 0            | 1           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | Feb-20                      |
| Lithuania              | 2 759 627                             | 246.05                                                             | 679                 | 396                          | 178          | 76           | 14          | 14          | 0           | 0           | 0           | 0           | 1           | 0           | 0           | Feb-20                      |
| Luxembourg             | 615 729                               | 38.98                                                              | 24                  | 18                           | 4            | 1            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 0           | 0           | Feb-20                      |
| Malta                  | 440 372                               | 77.21                                                              | 34                  | 3                            | 13           | 11           | 3           | 1           | 0           | 0           | 0           | 1           | 0           | 0           | 2           | Feb-20                      |
| Monaco                 | 38 964                                | 0.00                                                               | 0                   | 0                            | 0            | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | Feb-20                      |
| Montenegro             | 627 987                               | 0.00                                                               | 0                   | 0                            | 0            | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | -           | -           | Dec-19                      |
| Netherlands            | 17 097 130                            | 4.50                                                               | 77                  | 10                           | 2            | 13           | 17          | 10          | 17          | 3           | 0           | 4           | 0           | 0           | 1           | Feb-20                      |
| North Macedonia        | 2 083 459                             | 702.20                                                             | 1463                | 356                          | 428          | 467          | 166         | 31          | 12          | 2           | 1           | 0           | 0           | 0           | -           | Jan-20                      |
| Norway                 | 5 378 857                             | 3.72                                                               | 20                  | 7                            | 4            | 2            | 1           | 0           | 2           | 0           | 0           | 0           | 0           | 3           | 1           | Feb-20                      |
| Poland                 | 37 887 768                            | 24.94                                                              | 945                 | 200                          | 289          | 249          | 124         | 41          | 9           | 5           | 6           | 2           | 8           | 5           | 7           | Feb-20                      |
| Portugal               | 10 226 187                            | 1.27                                                               | 13                  | 2                            | 0            | 2            | 1           | 0           | 0           | 0           | 0           | 0           | 1           | 5           | 2           | Feb-20                      |
| Republic of Moldova    | 4 043 263                             | 21.27                                                              | 86                  | 13                           | 3            | 14           | 19          | 11          | 10          | 2           | 2           | 8           | 2           | 2           | 0           | Feb-20                      |
| Romania                | 19 364 557                            | 80.20                                                              | 1553                | 188                          | 110          | 148          | 123         | 110         | 80          | 112         | 100         | 79          | 114         | 244         | 145         | Feb-20                      |
| Russian Federation     | 145 872 256                           | 22.05                                                              | 3217                | 615                          | 547          | 728          | 488         | 257         | 167         | 110         | 40          | 56          | 123         | 48          | 38          | Feb-20                      |
| San Marino             | 33 860                                | 324.87                                                             | 11                  | 1                            | 9            | 0            | 0           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | Feb-20                      |
| Serbia                 | 8 772 235                             | 2.17                                                               | 19                  | 1                            | 3            | 8            | 1           | 0           | 0           | 0           | 1           | 4           | 1           | 0           | 0           | Feb-20                      |
| Slovakia               | 5 457 013                             | 41.60                                                              | 227                 | 84                           | 87           | 37           | 7           | 5           | 7           | 0           | 0           | 0           | 0           | 0           | 0           | Feb-20                      |
| Slovenia               | 2 078 654                             | 25.98                                                              | 54                  | 0                            | 6            | 8            | 3           | 1           | 1           | 0           | 0           | 7           | 22          | 5           | 1           | Feb-20                      |
| Spain                  | 46 736 776                            | 6.20                                                               | 290                 | 24                           | 68           | 99           | 34          | 13          | 12          | 6           | 1           | 3           | 10          | 10          | 10          | Feb-20                      |
| Sweden                 | 10 036 379                            | 2.39                                                               | 24                  | 4                            | 7            | 3            | 2           | 2           | 0           | 1           | 0           | 0           | 0           | 2           | 3           | Feb-20                      |
| Switzerland            | 8 591 365                             | 22.70                                                              | 195                 | 65                           | 54           | 29           | 2           | 0           | 2           | 5           | 0           | 2           | 11          | 15          | 10          | Feb-20                      |
| Tajikistan             | 9 321 018                             | 11.48                                                              | 107                 | 0                            | 1            | 4            | 0           | 0           | 0           | 0           | 1           | 0           | 0           | 57          | 44          | Feb-20                      |
| Turkey                 | 83 429 615                            | 34.69                                                              | 2894                | 544                          | 591          | 606          | 306         | 158         | 76          | 39          | 53          | 66          | 104         | 138         | 213         | Feb-20                      |
| Turkmenistan           | 5 942 089                             | 0.00                                                               | 0                   | 0                            | 0            | 0            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | Feb-20                      |
| Ukraine                | 43 993 638                            | 731.01                                                             | 32160               | 8869                         | 8686         | 7929         | 3443        | 1447        | 737         | 372         | 214         | 112         | 204         | 112         | 35          | Feb-20                      |
| United Kingdom         | 67 530 172                            | 11.37                                                              | 768                 | 110                          | 119          | 129          | 115         | 87          | 42          | 29          | 49          | 15          | 26          | 39          | 8           | Feb-20                      |
| Uzbekistan             | 32 981 716                            | 111.85                                                             | 3689                | 143                          | 175          | 73           | 122         | 80          | 85          | 130         | 275         | 421         | 150         | 663         | 1372        | Feb-20                      |
| <b>Region</b>          | <b>930 166 592</b>                    | <b>78.58</b>                                                       | <b>73092</b>        | <b>16829</b>                 | <b>16212</b> | <b>14713</b> | <b>7429</b> | <b>3608</b> | <b>1986</b> | <b>1274</b> | <b>1315</b> | <b>1503</b> | <b>1939</b> | <b>3008</b> | <b>3276</b> |                             |

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, Poland (since Feb 2019) and Serbia.

<sup>1</sup> Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2019 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 2019—February 2020 (data as of 07 April 2020)**

| Country                | Total Population in 2019 <sup>1</sup> | Incidence Rate March 2019–February 2020 (per 1 million population) | Total rubella cases | Month and year of rash onset |           |           |           |           |           |           |           |           |           |           |           | Month & year of last report |
|------------------------|---------------------------------------|--------------------------------------------------------------------|---------------------|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------------|
|                        |                                       |                                                                    |                     | Mar-19                       | Apr-19    | May-19    | Jun-19    | Jul-19    | Aug-19    | Sep-19    | Oct-19    | Nov-19    | Dec-19    | Jan-20    | Feb-20    |                             |
| Albania                | 2 880 917                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Andorra                | 77 142                                | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Armenia                | 2 957 731                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Austria                | 8 955 102                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | -         | Jan-20                      |
| Azerbaijan             | 10 047 718                            | 0.30                                                               | 3                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 1         | 0         | Feb-20                      |
| Belarus                | 9 452 411                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Belgium <sup>2</sup>   | 11 539 328                            | -                                                                  | -                   | -                            | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                           |
| Bosnia and Herzegovina | 3 301 000                             | 0.91                                                               | 3                   | 1                            | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Bulgaria               | 7 000 119                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Croatia                | 4 130 304                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Cyprus                 | 1 198 575                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Czech Republic         | 10 689 209                            | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Denmark <sup>2</sup>   | 5 771 876                             | -                                                                  | -                   | -                            | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                           |
| Estonia                | 1 325 648                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Finland                | 5 532 156                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| France <sup>2</sup>    | 65 129 728                            | -                                                                  | -                   | -                            | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                           |
| Georgia                | 3 996 765                             | 1.25                                                               | 5                   | 0                            | 1         | 0         | 1         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | Feb-20                      |
| Germany                | 83 517 045                            | 0.63                                                               | 53                  | 7                            | 4         | 5         | 5         | 11        | 6         | 3         | 1         | 4         | 3         | 1         | 3         | Feb-20                      |
| Greece                 | 10 473 455                            | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Hungary                | 9 684 679                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Iceland                | 339 031                               | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Ireland                | 4 882 495                             | 0.41                                                               | 2                   | 0                            | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | Feb-20                      |
| Israel                 | 8 519 377                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Italy                  | 60 550 075                            | 0.50                                                               | 30                  | 2                            | 0         | 4         | 5         | 0         | 2         | 1         | 0         | 1         | 3         | 9         | 3         | Feb-20                      |
| Kazakhstan             | 18 551 427                            | 0.16                                                               | 3                   | 0                            | 0         | 0         | 0         | 0         | 0         | 3         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Kyrgyzstan             | 6 415 850                             | 0.62                                                               | 4                   | 2                            | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | Feb-20                      |
| Latvia                 | 1 906 743                             | 0.52                                                               | 1                   | 0                            | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Lithuania              | 2 759 627                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Luxembourg             | 615 729                               | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Malta                  | 440 372                               | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Monaco                 | 38 964                                | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Montenegro             | 627 987                               | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | -         | -         | Dec-19                      |
| Netherlands            | 17 097 130                            | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| North Macedonia        | 2 083 459                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | -         | Jan-20                      |
| Norway                 | 5 378 857                             | 0.19                                                               | 1                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | Feb-20                      |
| Poland                 | 37 887 768                            | 7.31                                                               | 277                 | 36                           | 29        | 37        | 21        | 26        | 15        | 9         | 25        | 22        | 7         | 32        | 18        | Feb-20                      |
| Portugal               | 10 226 187                            | 0.29                                                               | 3                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | Feb-20                      |
| Republic of Moldova    | 4 043 263                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Romania                | 19 364 557                            | 0.21                                                               | 4                   | 0                            | 1         | 0         | 0         | 1         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Russian Federation     | 145 872 256                           | 0.17                                                               | 25                  | 2                            | 3         | 13        | 3         | 3         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | Feb-20                      |
| San Marino             | 33 860                                | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Serbia                 | 8 772 235                             | -                                                                  | -                   | -                            | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | -         | No report                   |
| Slovakia               | 5 457 013                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Slovenia               | 2 078 654                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Spain                  | 46 736 776                            | 0.02                                                               | 1                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | Feb-20                      |
| Sweden                 | 10 036 379                            | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Switzerland            | 8 591 365                             | 0.12                                                               | 1                   | 0                            | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Tajikistan             | 9 321 018                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Turkey                 | 83 429 615                            | 0.58                                                               | 48                  | 3                            | 9         | 9         | 4         | 2         | 5         | 3         | 2         | 3         | 2         | 4         | 2         | Feb-20                      |
| Turkmenistan           | 5 942 089                             | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Ukraine                | 43 993 638                            | 2.48                                                               | 109                 | 14                           | 17        | 12        | 2         | 6         | 15        | 12        | 7         | 0         | 8         | 6         | 10        | Feb-20                      |
| United Kingdom         | 67 530 172                            | 0.03                                                               | 2                   | 0                            | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| Uzbekistan             | 32 981 716                            | 0.00                                                               | 0                   | 0                            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | Feb-20                      |
| <b>Region</b>          | <b>930 166 592</b>                    | <b>0.62</b>                                                        | <b>575</b>          | <b>67</b>                    | <b>67</b> | <b>81</b> | <b>42</b> | <b>50</b> | <b>45</b> | <b>35</b> | <b>37</b> | <b>34</b> | <b>24</b> | <b>55</b> | <b>38</b> |                             |

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 2019 Revision.

<sup>2</sup> Country does not have a comprehensive rubella surveillance system.

**Table 3: Measles classification, reporting and surveillance performance, January–February 2020 (data as of 07 April 2020)**

| Country                   | Total<br>Population in<br>2019 <sup>1</sup> | 2019<br>(as of 07 April 2020)                         |                                        |                           | 2020                                   |                |          |                                       |                   |                |               |                           |                         |                                |                                                  |                                         |                                     |                                             |
|---------------------------|---------------------------------------------|-------------------------------------------------------|----------------------------------------|---------------------------|----------------------------------------|----------------|----------|---------------------------------------|-------------------|----------------|---------------|---------------------------|-------------------------|--------------------------------|--------------------------------------------------|-----------------------------------------|-------------------------------------|---------------------------------------------|
|                           |                                             | Incidence<br>Rate<br>(per 1<br>million<br>population) | Total<br>measles<br>cases <sup>2</sup> | Total<br>measles<br>death | Total<br>measles<br>cases <sup>2</sup> | Classification |          |                                       | Discarded Measles | Imported cases | Measles Death | 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>      | 2 880 917                                   | 167.31                                                | 482                                    | 2                         | 3                                      | 3              | 0        | 0                                     | 9                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.3                                     | 100%                                | 100%                                        |
| Andorra                   | 77 142                                      | 0.00                                                  | 0                                      | -                         | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -             | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Armenia                   | 2 957 731                                   | 2.37                                                  | 7                                      | 0                         | 0                                      | 0              | 0        | 0                                     | 17                | -              | -             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.6                                     | -                                   | 100%                                        |
| Austria                   | 8 955 102                                   | 16.86                                                 | 151                                    | 0                         | 9                                      | 8              | 0        | 1                                     | 1                 | 2              | 0             | 100%                      | 100%                    | Feb-20                         | 90%                                              | 0.0                                     | 100%                                | 10%                                         |
| Azerbaijan                | 10 047 718                                  | 25.98                                                 | 261                                    | 0                         | 2                                      | 1              | 0        | 1                                     | 5                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.0                                     | 50%                                 | 86%                                         |
| Belarus <sup>7</sup>      | 9 452 411                                   | 20.21                                                 | 191                                    | 0                         | 0                                      | 0              | 0        | 0                                     | 43                | -              | -             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.5                                     | -                                   | 0%                                          |
| Belgium                   | 11 539 328                                  | 41.68                                                 | 481                                    | 0                         | 43                                     | 15             | 5        | 23                                    | -                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Bosnia and Herzegovina    | 3 301 000                                   | 424.42                                                | 1401                                   | 0                         | 2                                      | 0              | 0        | 2                                     | -                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Bulgaria                  | 7 000 119                                   | 178.14                                                | 1247                                   | 0                         | 151                                    | 140            | 4        | 7                                     | -                 | 2              | 2             | 100%                      | 100%                    | Feb-20                         | 98%                                              | -                                       | 1%                                  | 100%                                        |
| Croatia                   | 4 130 304                                   | 12.59                                                 | 52                                     | 0                         | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -             | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Cyprus                    | 1 198 575                                   | 5.01                                                  | 6                                      | 0                         | 0                                      | 0              | 0        | 0                                     | -                 | -              | -             | 100%                      | 50%                     | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Czech Republic            | 10 689 209                                  | 53.98                                                 | 577                                    | 0                         | 3                                      | 3              | 0        | 0                                     | -                 | 1              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 100%                                | 0%                                          |
| Denmark                   | 5 771 876                                   | 2.60                                                  | 15                                     | 0                         | 4                                      | 4              | 0        | 0                                     | -                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 100%                                | 0%                                          |
| Estonia                   | 1 325 648                                   | 20.37                                                 | 27                                     | 0                         | 0                                      | 0              | 0        | 0                                     | 22                | -              | -             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 1.7                                     | -                                   | 100%                                        |
| Finland                   | 5 532 156                                   | 2.17                                                  | 12                                     | 0                         | 4                                      | 4              | 0        | 0                                     | -                 | 2              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 75%                                 | 0%                                          |
| France                    | 65 129 728                                  | 40.49                                                 | 2637                                   | 2                         | 161                                    | 113            | 21       | 27                                    | -                 | 13             | 0             | 100%                      | 100%                    | Feb-20                         | 95%                                              | -                                       | 79%                                 | 0%                                          |
| Georgia                   | 3 996 765                                   | 980.79                                                | 3920                                   | 2                         | 9                                      | 9              | 0        | 0                                     | 14                | 0              | 0             | 100%                      | 50%                     | Feb-20                         | 91%                                              | 0.4                                     | 89%                                 | 96%                                         |
| Germany                   | 83 517 045                                  | 6.07                                                  | 507                                    | 0                         | 39                                     | 34             | 1        | 4                                     | -                 | 6              | 0             | 100%                      | 100%                    | Feb-20                         | 89%                                              | -                                       | 85%                                 | 0%                                          |
| Greece                    | 10 473 455                                  | 4.30                                                  | 45                                     | 0                         | 1                                      | 1              | 0        | 0                                     | 0                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.0                                     | 100%                                | 0%                                          |
| Hungary                   | 9 684 679                                   | 2.37                                                  | 23                                     | 1                         | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -             | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Iceland                   | 339 031                                     | 26.55                                                 | 9                                      | 0                         | 0                                      | 0              | 0        | 0                                     | -                 | -              | -             | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Ireland                   | 4 882 495                                   | 14.95                                                 | 73                                     | 0                         | 13                                     | 1              | 0        | 12                                    | -                 | 1              | 0             | 100%                      | 100%                    | Feb-20                         | 23%                                              | -                                       | 23%                                 | 8%                                          |
| Israel                    | 8 519 377                                   | 120.67                                                | 1028                                   | 0                         | 5                                      | 5              | 0        | 0                                     | -                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 0%                                  | 80%                                         |
| Italy                     | 60 550 075                                  | 26.75                                                 | 1620                                   | 1                         | 86                                     | 68             | 9        | 9                                     | 19                | 8              | 0             | 100%                      | 100%                    | Feb-20                         | 92%                                              | 0.0                                     | 79%                                 | 0%                                          |
| Kazakhstan                | 18 551 427                                  | 718.33                                                | 13326                                  | 21                        | 2195                                   | 1288           | 814      | 93                                    | -                 | 0              | 3             | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Kyrgyzstan <sup>7</sup>   | 6 415 850                                   | 358.95                                                | 2303                                   | 0                         | 314                                    | 41             | 168      | 105                                   | 103               | 18             | 1             | 100%                      | 100%                    | Feb-20                         | 23%                                              | 1.6                                     | 100%                                | 98%                                         |
| Latvia                    | 1 906 743                                   | 1.05                                                  | 2                                      | 0                         | 0                                      | 0              | 0        | 0                                     | -                 | -              | -             | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Lithuania                 | 2 759 627                                   | 301.49                                                | 832                                    | 0                         | 0                                      | 0              | 0        | 0                                     | -                 | -              | -             | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Luxembourg                | 615 729                                     | 38.98                                                 | 24                                     | 0                         | 0                                      | 0              | 0        | 0                                     | 2                 | -              | -             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.3                                     | -                                   | 100%                                        |
| Malta                     | 440 372                                     | 72.67                                                 | 32                                     | 0                         | 2                                      | 2              | 0        | 0                                     | -                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 100%                                | 0%                                          |
| Monaco                    | 38 964                                      | 0.00                                                  | 0                                      | -                         | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -             | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Montenegro                | 627 987                                     | 0.00                                                  | 0                                      | -                         | -                                      | -              | -        | -                                     | -                 | -              | -             | 0%                        | 0%                      | Dec-19                         | -                                                | -                                       | -                                   | -                                           |
| Netherlands               | 17 097 130                                  | 4.91                                                  | 84                                     | 0                         | 1                                      | 1              | 0        | 0                                     | -                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 100%                                | 0%                                          |
| North Macedonia           | 2 083 459                                   | 904.27                                                | 1884                                   | 5                         | 0                                      | 0              | 0        | 0                                     | -                 | -              | -             | 50%                       | 50%                     | Jan-20                         | -                                                | -                                       | -                                   | -                                           |
| Norway                    | 5 378 857                                   | 3.16                                                  | 17                                     | 0                         | 4                                      | 4              | 0        | 0                                     | -                 | 2              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 75%                                 | 100%                                        |
| Poland                    | 37 887 768                                  | 36.08                                                 | 1367                                   | 0                         | 12                                     | 6              | 0        | 6                                     | -                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Portugal                  | 10 226 187                                  | 0.98                                                  | 10                                     | 0                         | 7                                      | 6              | 0        | 1                                     | 9                 | 5              | 0             | 100%                      | 100%                    | Feb-20                         | 88%                                              | 0.1                                     | 86%                                 | 94%                                         |
| Republic of Moldova       | 4 043 263                                   | 22.01                                                 | 89                                     | 0                         | 2                                      | 2              | 0        | 0                                     | 3                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.1                                     | 100%                                | 100%                                        |
| Romania                   | 19 364 557                                  | 89.34                                                 | 1730                                   | 5                         | 389                                    | 231            | 128      | 30                                    | -                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 90%                                              | -                                       | 100%                                | 39%                                         |
| Russian Federation        | 145 872 256                                 | 28.52                                                 | 4161                                   | 0                         | 86                                     | 80             | 6        | 0                                     | 502               | 16             | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.3                                     | 100%                                | 13%                                         |
| San Marino                | 33 860                                      | 324.87                                                | 11                                     | 0                         | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -             | 100%                      | 50%                     | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Serbia                    | 8 772 235                                   | 2.39                                                  | 21                                     | 0                         | 0                                      | 0              | 0        | 0                                     | -                 | -              | -             | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Slovakia                  | 5 457 013                                   | 57.17                                                 | 312                                    | 0                         | 0                                      | 0              | 0        | 0                                     | 0                 | -              | -             | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Slovenia                  | 2 078 654                                   | 23.09                                                 | 48                                     | 0                         | 6                                      | 6              | 0        | 0                                     | -                 | 1              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 100%                                | 100%                                        |
| Spain                     | 46 736 776                                  | 6.25                                                  | 292                                    | 0                         | 20                                     | 18             | 1        | 1                                     | 15                | 1              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.0                                     | 60%                                 | 89%                                         |
| Sweden                    | 10 036 379                                  | 1.99                                                  | 20                                     | 0                         | 5                                      | 5              | 0        | 0                                     | -                 | 4              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 100%                                | 0%                                          |
| Switzerland               | 8 591 365                                   | 26.65                                                 | 229                                    | 2                         | 25                                     | 22             | 3        | 0                                     | 54                | 7              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.6                                     | 92%                                 | 35%                                         |
| Tajikistan                | 9 321 018                                   | 0.75                                                  | 7                                      | 0                         | 101                                    | 64             | 37       | 0                                     | 64                | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.7                                     | 2%                                  | 100%                                        |
| Turkey <sup>7</sup>       | 83 429 615                                  | 34.64                                                 | 2890                                   | 3                         | 351                                    | 351            | 0        | 0                                     | 682               | 1              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.8                                     | 26%                                 | 98%                                         |
| Turkmenistan <sup>7</sup> | 5 942 089                                   | 0.00                                                  | 0                                      | -                         | 0                                      | 0              | 0        | 0                                     | 12                | -              | -             | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.2                                     | -                                   | 100%                                        |
| Ukraine                   | 43 993 638                                  | 1303.19                                               | 57332                                  | 20                        | 147                                    | 44             | 7        | 96                                    | -                 | 0              | 0             | 100%                      | 100%                    | Feb-20                         | 32%                                              | -                                       | 96%                                 | 99%                                         |
| United Kingdom            | 67 530 172                                  | 13.06                                                 | 882                                    | 1                         | 47                                     | 47             | 0        | 0                                     | -                 | 4              | 0             | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 100%                                | 0%                                          |
| Uzbekistan                | 32 981 716                                  | 52.94                                                 | 1746                                   | 0                         | 2035                                   | 40             | 0        | 1995                                  | 0                 | 80             | 0             | 100%                      | 50%                     | Feb-20                         | 4%                                               | 0.0                                     | 55%                                 | 84%                                         |
| Region                    | 930 166 592                                 | 112.26                                                | 104423                                 | 65                        | 6284                                   | 2667           | 1204     | 2413                                  | 1576              | 174            | 6             | 97%                       | 93%                     |                                | 56%                                              | 0.3                                     | 62%                                 | 71%                                         |

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, Poland (since Feb 2019) and Serbia.

<sup>1</sup> Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2019 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 2020 (data as of 07 April 2020)**

| Country                   | Total<br>Population in<br>2019 <sup>1</sup> | 2019<br>(as of 07 April 2020)                         |                                        | 2020                                   |                |          |                                       |                   |                   |                           |                         |                                |                                                  |                                         |                                     |                                             |
|---------------------------|---------------------------------------------|-------------------------------------------------------|----------------------------------------|----------------------------------------|----------------|----------|---------------------------------------|-------------------|-------------------|---------------------------|-------------------------|--------------------------------|--------------------------------------------------|-----------------------------------------|-------------------------------------|---------------------------------------------|
|                           |                                             | Incidence<br>Rate<br>(per 1<br>million<br>population) | Total<br>rubella<br>cases <sup>2</sup> | Total<br>rubella<br>cases <sup>2</sup> | Classification |          |                                       | Discarded 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>      | 2 880 917                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 9                 | -                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.3                                     | -                                   | 100%                                        |
| Andorra                   | 77 142                                      | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Armenia                   | 2 957 731                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Austria                   | 8 955 102                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 50%                       | 50%                     | Jan-20                         | -                                                | -                                       | -                                   | -                                           |
| Azerbaijan                | 10 047 718                                  | 0.20                                                  | 2                                      | 1                                      | 1              | 0        | 0                                     | 0                 | 0                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.0                                     | 0%                                  | 100%                                        |
| Belarus <sup>7</sup>      | 9 452 411                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 43                | -                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.5                                     | -                                   | 0%                                          |
| Belgium <sup>8</sup>      | 11 539 328                                  | -                                                     | -                                      | -                                      | -              | -        | -                                     | -                 | -                 | -                         | -                       | -                              | -                                                | -                                       | -                                   | -                                           |
| Bosnia and Herzegovina    | 3 301 000                                   | 0.91                                                  | 3                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Bulgaria                  | 7 000 119                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Croatia                   | 4 130 304                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Cyprus                    | 1 198 575                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 50%                     | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Czech Republic            | 10 689 209                                  | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Denmark <sup>8</sup>      | 5 771 876                                   | -                                                     | -                                      | -                                      | -              | -        | -                                     | -                 | -                 | -                         | -                       | -                              | -                                                | -                                       | -                                   | -                                           |
| Estonia                   | 1 325 648                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 2                 | -                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.2                                     | -                                   | 100%                                        |
| Finland                   | 5 532 156                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| France <sup>8</sup>       | 65 129 728                                  | -                                                     | -                                      | -                                      | -              | -        | -                                     | -                 | -                 | -                         | -                       | -                              | -                                                | -                                       | -                                   | -                                           |
| Georgia                   | 3 996 765                                   | 2.25                                                  | 9                                      | 0                                      | 0              | 0        | 0                                     | 4                 | -                 | 100%                      | 50%                     | Feb-20                         | 100%                                             | 0.1                                     | -                                   | 100%                                        |
| Germany                   | 83 517 045                                  | 0.68                                                  | 57                                     | 4                                      | 1              | 0        | 3                                     | -                 | 0                 | 100%                      | 100%                    | Feb-20                         | 25%                                              | -                                       | 75%                                 | 0%                                          |
| Greece                    | 10 473 455                                  | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Hungary                   | 9 684 679                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Iceland                   | 339 031                                     | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Ireland                   | 4 882 495                                   | 0.20                                                  | 1                                      | 1                                      | 1              | 0        | 0                                     | -                 | 1                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 100%                                | 100%                                        |
| Israel                    | 8 519 377                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Italy                     | 60 550 075                                  | 0.38                                                  | 23                                     | 12                                     | 3              | 0        | 9                                     | 3                 | 0                 | 100%                      | 100%                    | Feb-20                         | 73%                                              | 0.0                                     | 17%                                 | 0%                                          |
| Kazakhstan                | 18 551 427                                  | 0.27                                                  | 5                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Kyrgyzstan <sup>7</sup>   | 6 415 850                                   | 0.62                                                  | 4                                      | 0                                      | 0              | 0        | 0                                     | 103               | -                 | 100%                      | 100%                    | Feb-20                         | 16%                                              | 1.6                                     | -                                   | 98%                                         |
| Latvia                    | 1 906 743                                   | 1.05                                                  | 2                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Lithuania                 | 2 759 627                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Luxembourg                | 615 729                                     | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Malta                     | 440 372                                     | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Monaco                    | 38 964                                      | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Montenegro                | 627 987                                     | 0.00                                                  | 0                                      | -                                      | -              | -        | -                                     | -                 | -                 | 0%                        | 0%                      | Dec-19                         | -                                                | -                                       | -                                   | -                                           |
| Netherlands               | 17 097 130                                  | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| North Macedonia           | 2 083 459                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 50%                       | 50%                     | Jan-20                         | -                                                | -                                       | -                                   | -                                           |
| Norway                    | 5 378 857                                   | 0.00                                                  | 0                                      | 1                                      | 1              | 0        | 0                                     | -                 | 1                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | -                                       | 100%                                | 100%                                        |
| Poland                    | 37 887 768                                  | 7.71                                                  | 292                                    | 50                                     | 0              | 0        | 50                                    | -                 | 0                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Portugal                  | 10 226 187                                  | 0.29                                                  | 3                                      | 1                                      | 0              | 0        | 1                                     | 1                 | 0                 | 100%                      | 100%                    | Feb-20                         | 50%                                              | 0.0                                     | 0%                                  | 100%                                        |
| Republic of Moldova       | 4 043 263                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 1                 | -                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.0                                     | -                                   | 100%                                        |
| Romania                   | 19 364 557                                  | 0.21                                                  | 4                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Russian Federation        | 145 872 256                                 | 0.23                                                  | 34                                     | 1                                      | 1              | 0        | 0                                     | 0                 | 0                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.0                                     | 100%                                | 100%                                        |
| San Marino                | 33 860                                      | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 50%                     | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Serbia                    | 8 772 235                                   | -                                                     | -                                      | -                                      | -              | -        | -                                     | -                 | -                 | -                         | -                       | No report                      | -                                                | -                                       | -                                   | -                                           |
| Slovakia                  | 5 457 013                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Slovenia                  | 2 078 654                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Spain                     | 46 736 776                                  | 0.09                                                  | 4                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Sweden                    | 10 036 379                                  | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 50%                     | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Switzerland               | 8 591 365                                   | 0.12                                                  | 1                                      | 0                                      | 0              | 0        | 0                                     | 1                 | -                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.0                                     | -                                   | 0%                                          |
| Tajikistan                | 9 321 018                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 3                 | -                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.0                                     | -                                   | 100%                                        |
| Turkey <sup>7</sup>       | 83 429 615                                  | 0.54                                                  | 45                                     | 6                                      | 6              | 0        | 0                                     | 682               | 0                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.8                                     | 67%                                 | 99%                                         |
| Turkmenistan <sup>7</sup> | 5 942 089                                   | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 12                | -                 | 100%                      | 100%                    | Feb-20                         | 100%                                             | 0.2                                     | -                                   | 100%                                        |
| Ukraine                   | 43 993 638                                  | 3.23                                                  | 142                                    | 16                                     | 2              | 0        | 14                                    | -                 | 0                 | 100%                      | 100%                    | Feb-20                         | 13%                                              | -                                       | 100%                                | 100%                                        |
| United Kingdom            | 67 530 172                                  | 0.04                                                  | 3                                      | 0                                      | 0              | 0        | 0                                     | -                 | -                 | 100%                      | 100%                    | Feb-20                         | -                                                | -                                       | -                                   | -                                           |
| Uzbekistan                | 32 981 716                                  | 0.00                                                  | 0                                      | 0                                      | 0              | 0        | 0                                     | 0                 | -                 | 100%                      | 50%                     | Feb-20                         | -                                                | 0.0                                     | -                                   | -                                           |
| Region                    | 930 166 592                                 | 0.68                                                  | 634                                    | 93                                     | 16             | 0        | 77                                    | 864               | 2                 | 89%                       | 84%                     |                                | 88%                                              | 0.2                                     | 65%                                 | 92%                                         |

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 2019 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 2020 (data as of 07 April 2020)**

| 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                | 14                                  | 3 (21)                                | -                                        | -                                               | 0                                   | -                                     | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Andorra                | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No lab               |
| Armenia                | 16                                  | 0 (0)                                 | -                                        | -                                               | 16                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Austria                | 264                                 | 6 (2)                                 | B3,D8                                    | 100%                                            | 785                                 | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Azerbaijan             | 9                                   | 2 (22)                                | -                                        | -                                               | 2                                   | 1 (50)                                | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Belarus                | 47                                  | 0 (0)                                 | -                                        | -                                               | 47                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Belgium                | -                                   | -                                     | D8                                       | 25%                                             | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No Report            |
| Bosnia and Herzegovina | 2                                   | 0 (0)                                 | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | 50%                       | 50%                     | Jan-20               |
| Bulgaria               | 212                                 | 166 (78)                              | -                                        | -                                               | 36                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 50%                     | Feb-20               |
| Croatia                | 10                                  | 0 (0)                                 | -                                        | -                                               | 0                                   | -                                     | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Cyprus                 | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Czech Republic         | 14                                  | 2 (14)                                | -                                        | -                                               | 5                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Denmark                | 99                                  | 12 (12)                               | D8                                       | 100%                                            | 5                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Estonia                | 62                                  | 0 (0)                                 | -                                        | -                                               | 50                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Finland                | 32                                  | 9 (28)                                | B3                                       | 100%                                            | 30                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| France                 | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No Report            |
| Georgia                | 28                                  | 9 (32)                                | -                                        | -                                               | 14                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Germany                | 141                                 | 47 (33)                               | B3,D8                                    | 100%                                            | 49                                  | 4 (8)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Greece                 | 0                                   | -                                     | -                                        | -                                               | 0                                   | -                                     | -                                         | -                                               | 50%                       | 50%                     | Jan-20               |
| Hungary                | 21                                  | 0 (0)                                 | -                                        | -                                               | 23                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Iceland                | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Ireland                | 136                                 | 1 (1)                                 | -                                        | -                                               | 259                                 | 0 (0)                                 | -                                         | -                                               | 50%                       | 50%                     | Jan-20               |
| Israel                 | 182                                 | 14 (8)                                | -                                        | -                                               | 297                                 | 58 (20)                               | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Italy                  | 270                                 | 129 (48)                              | B3,D8                                    | 60%                                             | 155                                 | 8 (5)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Kazakhstan             | 1543                                | 1286 (83)                             | -                                        | -                                               | 25                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Kyrgyzstan             | 50                                  | 32 (64)                               | -                                        | -                                               | 49                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Latvia                 | 44                                  | 5 (11)                                | -                                        | -                                               | 68                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Lithuania              | 73                                  | 5 (7)                                 | -                                        | -                                               | 66                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Luxembourg             | 2                                   | 0 (0)                                 | -                                        | -                                               | 0                                   | -                                     | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Malta                  | 10                                  | 3 (30)                                | -                                        | -                                               | 106                                 | 0 (0)                                 | -                                         | -                                               | 100%                      | 50%                     | Feb-20               |
| Monaco                 | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No lab               |
| Montenegro             | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Netherlands            | -                                   | -                                     | D8                                       | 100%                                            | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| North Macedonia        | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Norway                 | 0                                   | -                                     | D8                                       | 100%                                            | 0                                   | -                                     | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Poland                 | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Portugal               | 57                                  | 17 (30)                               | -                                        | -                                               | 3                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Republic of Moldova    | 7                                   | 2 (29)                                | -                                        | -                                               | 7                                   | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Romania                | 217                                 | 164 (76)                              | -                                        | -                                               | 48                                  | 0 (0)                                 | -                                         | -                                               | 50%                       | 50%                     | Jan-20               |
| Russian Federation     | 997                                 | 356 (36)                              | -                                        | -                                               | 964                                 | 11 (1)                                | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| San Marino             | -                                   | -                                     | -                                        | -                                               | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No lab               |
| Serbia                 | 5                                   | 0 (0)                                 | -                                        | -                                               | 5                                   | 1 (20)                                | -                                         | -                                               | -                         | -                       | No Report            |
| Slovakia               | 4                                   | 0 (0)                                 | -                                        | -                                               | 5                                   | 0 (0)                                 | -                                         | -                                               | 50%                       | 50%                     | Jan-20               |
| Slovenia               | 202                                 | 12 (6)                                | D8                                       | 100%                                            | 67                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Spain                  | -                                   | -                                     | B3                                       | 100%                                            | -                                   | -                                     | -                                         | -                                               | -                         | -                       | No report            |
| Sweden                 | 323                                 | 16 (5)                                | B3,D8                                    | 80%                                             | 363                                 | 3 (1)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Switzerland            | 87                                  | 35 (40)                               | D8                                       | 100%                                            | 0                                   | -                                     | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Tajikistan             | 72                                  | 34 (47)                               | -                                        | -                                               | 71                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Turkey                 | 1018                                | 224 (22)                              | -                                        | -                                               | 692                                 | 20 (3)                                | -                                         | -                                               | 50%                       | 50%                     | Jan-20               |
| Turkmenistan           | 12                                  | 0 (0)                                 | -                                        | -                                               | 12                                  | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Ukraine                | 59                                  | 17 (29)                               | -                                        | -                                               | 59                                  | 4 (7)                                 | -                                         | -                                               | 100%                      | 50%                     | Feb-20               |
| United Kingdom         | 522                                 | 49 (9)                                | B3,D8                                    | 100%                                            | 201                                 | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| Uzbekistan             | 153                                 | 136 (89)                              | -                                        | -                                               | 153                                 | 0 (0)                                 | -                                         | -                                               | 100%                      | 100%                    | Feb-20               |
| <b>Region</b>          | <b>7016</b>                         | <b>2793 (40)</b>                      | <b>-</b>                                 | <b>86%</b>                                      | <b>4737</b>                         | <b>110 (2)</b>                        | <b>-</b>                                  | <b>-</b>                                        | <b>70%</b>                | <b>67%</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: <http://www.who-rubella.org/>. 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: 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.

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