

**SuRVEILLANCE** report

Annual Epidemiological Report for YEAR

**-** **DISEASE -**

|  |
| --- |
| Key facts |

Methods

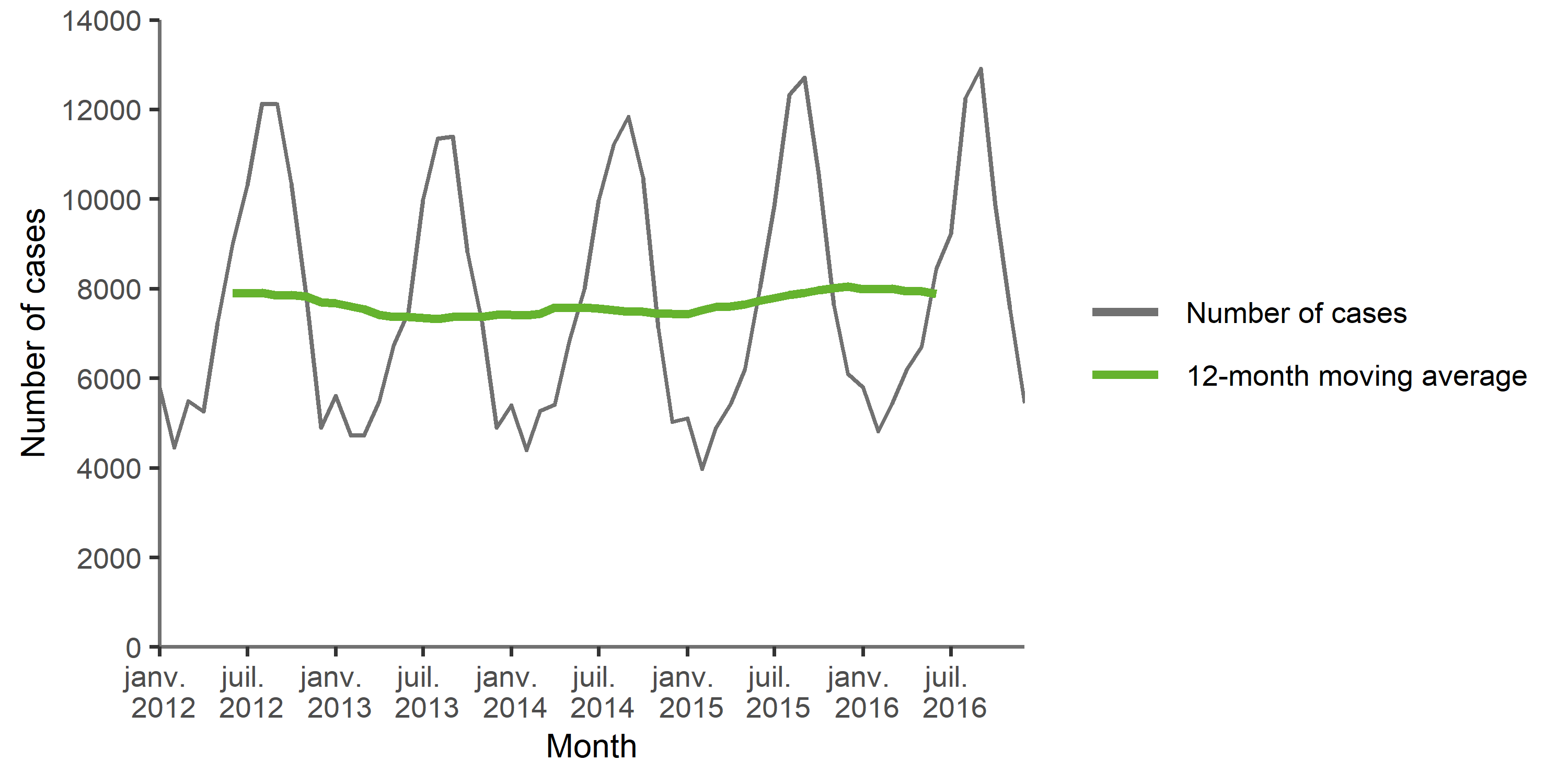
This report is based on data for 2016 retrieved from The European Surveillance System (TESSy) on 21 February 2018 . TESSy is a system for the collection, analysis and dissemination of data on communicable diseases.

Epidemiology

Table 1. Distribution of confirmed salmonellosis cases, EU/EEA, 2012–2016

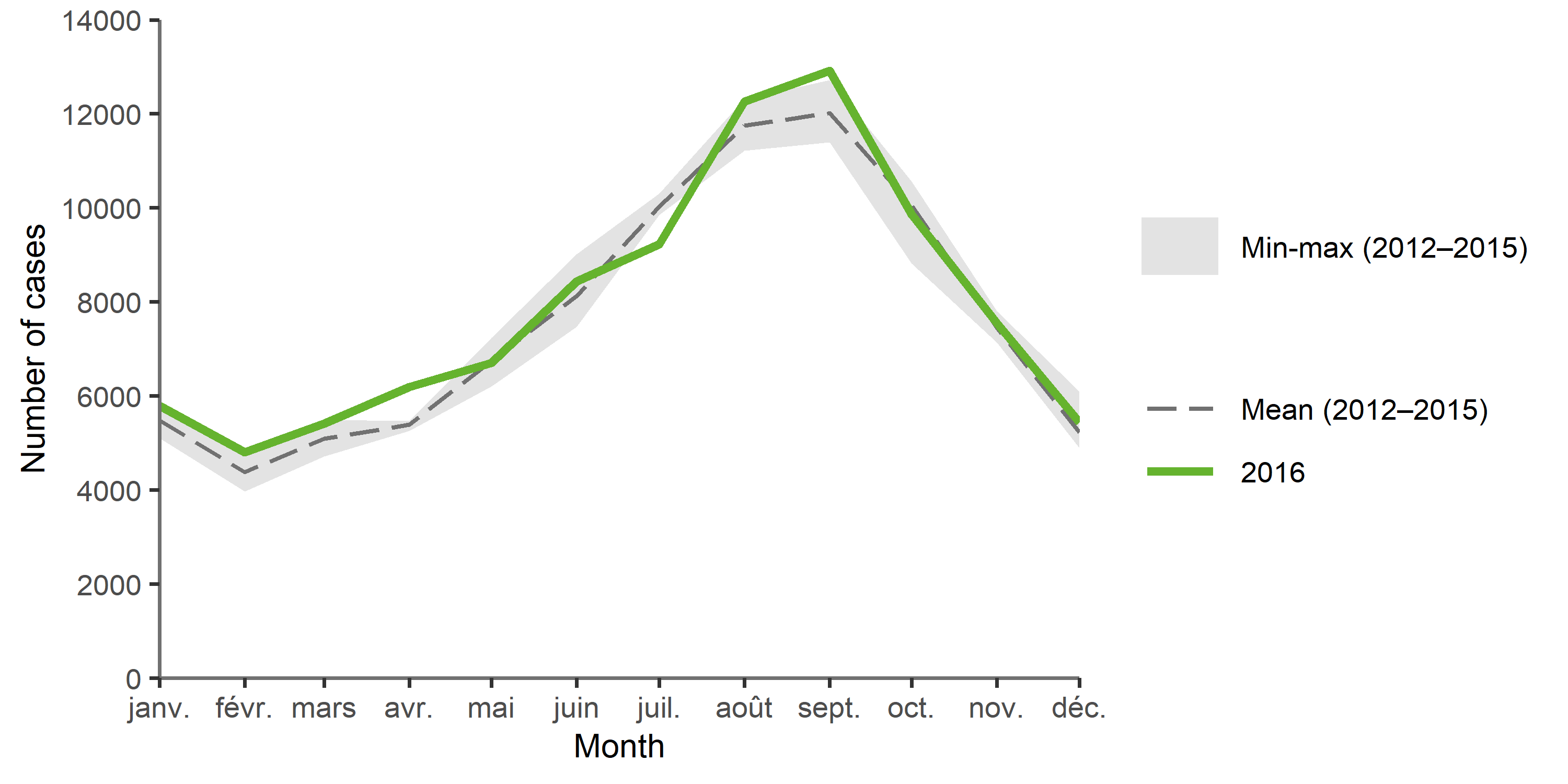
| **Country** | **2012** | | **2013** | | **2014** | | **2015** | | **2016** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Number** | **Rate** | **Number** | **Rate** | **Number** | **Rate** | **Number** | **Rate** | **Number** | **Rate** | **ASR** |
| Austria | 1773 | 21.1 | 1404 | 16.6 | 1654 | 19.4 | 1544 | 18.0 | 1415 | 16.3 | 17.2 |
| Belgium | 3101 | 28.0 | 2528 | 22.7 | 2698 | 24.1 | 3050 | 27.1 | 2698 | 23.9 | 22.9 |
| Bulgaria | 839 | 11.5 | 766 | 10.5 | 730 | 10.1 | 1076 | 14.9 | 718 | 10.0 | 10.8 |
| Croatia | 0 | 0.0 | 0 | 0.0 | 1494 | 35.2 | 1593 | 37.7 | 1240 | 29.6 | 30.3 |
| Cyprus | 90 | 10.4 | 79 | 9.1 | 88 | 10.3 | 65 | 7.7 | 77 | 9.1 | 8.3 |
| Czech Republic | 10056 | 95.7 | 9790 | 93.1 | 13255 | 126.1 | 12408 | 117.7 | 11610 | 110.0 | 113.5 |
| Denmark | 1207 | 21.6 | 1137 | 20.3 | 1124 | 20.0 | 925 | 16.3 | 1081 | 18.9 | 18.8 |
| Estonia | 249 | 18.8 | 183 | 13.9 | 92 | 7.0 | 112 | 8.5 | 351 | 26.7 | 26.5 |
| Finland | 2210 | 40.9 | 1984 | 36.6 | 1622 | 29.8 | 1650 | 30.2 | 1512 | 27.6 | 28.7 |
| France | 8705 | 27.8 | 8927 | 28.4 | 8880 | 28.1 | 10305 | 32.3 | 8876 | 27.7 | 26.8 |
| Germany | 20493 | 25.5 | 18696 | 23.2 | 16000 | 19.8 | 13667 | 16.8 | 12858 | 15.6 | 16.8 |
| Greece | 404 | 3.6 | 414 | 3.8 | 349 | 3.2 | 466 | 4.3 | 735 | 6.8 | 7.0 |
| Hungary | 5462 | 55.0 | 4953 | 50.0 | 5249 | 53.1 | 4894 | 49.7 | 4722 | 48.0 | 50.2 |
| Iceland | 38 | 11.9 | 48 | 14.9 | 40 | 12.3 | 44 | 13.4 | 39 | 11.7 | 12.4 |
| Ireland | 309 | 6.7 | 326 | 7.1 | 259 | 5.6 | 270 | 5.8 | 299 | 6.3 | 6.2 |
| Italy | 4829 | 8.1 | 5048 | 8.5 | 4467 | 7.3 | 3825 | 6.3 | 4134 | 6.8 | 7.0 |
| Latvia | 547 | 26.8 | 385 | 19.0 | 278 | 13.9 | 380 | 19.1 | 454 | 23.1 | 23.8 |
| Liechtenstein | . | . | . | . | . | . | . | . | . | . | . |
| Lithuania | 1762 | 58.7 | 1199 | 40.3 | 1145 | 38.9 | 1082 | 37.0 | 1076 | 37.3 | 37.4 |
| Luxembourg | 136 | 25.9 | 120 | 22.3 | 110 | 20.0 | 106 | 18.8 | 108 | 18.7 | 19.3 |
| Malta | 88 | 21.1 | 84 | 19.9 | 132 | 31.0 | 126 | 29.3 | 158 | 36.4 | 37.6 |
| Netherlands | 2199 | 20.5 | 979 | 9.1 | 970 | 9.0 | 974 | 9.0 | 1150 | 10.6 | 10.7 |
| Norway | 1371 | 27.5 | 1361 | 26.9 | 1118 | 21.9 | 928 | 18.0 | 865 | 16.6 | 16.9 |
| Poland | 7959 | 20.9 | 7315 | 19.2 | 8042 | 21.2 | 8245 | 21.7 | 9718 | 25.6 | - |
| Portugal | 185 | 1.8 | 167 | 1.6 | 244 | 2.3 | 325 | 3.1 | 376 | 3.6 | 3.9 |
| Romania | 698 | 3.5 | 1302 | 6.5 | 1512 | 7.6 | 1330 | 6.7 | 1479 | 7.5 | 7.6 |
| Slovakia | 4627 | 85.6 | 3807 | 70.4 | 4078 | 75.3 | 4841 | 89.3 | 5299 | 97.7 | 99.9 |
| Slovenia | 392 | 19.1 | 316 | 15.3 | 597 | 29.0 | 401 | 19.4 | 311 | 15.1 | 15.7 |
| Spain | 4224 | - | 4537 | - | 6633 | - | 9015 | - | 9818 | - | - |
| Sweden | 2922 | 30.8 | 2842 | 29.7 | 2211 | 22.9 | 2312 | 23.7 | 2247 | 22.8 | 23.3 |
| United Kingdom | 8812 | 13.9 | 8465 | 13.2 | 8099 | 12.6 | 9490 | 14.6 | 9902 | 15.1 | 15.0 |
| **EU-EEA** | **95687** | **22.1** | **89162** | **20.5** | **93170** | **20.8** | **95449** | **21.0** | **95326** | **20.4** | **20.3** |

Figure 2. Trend and number of confirmed salmonellosis cases, EU/EEA by month, 2012–2016



Source: Country reports from Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom.

Figure 3. Distribution of confirmed salmonellosis cases by month, EU/EEA, 2016 and 2012–2015



Source: Country reports from Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom.

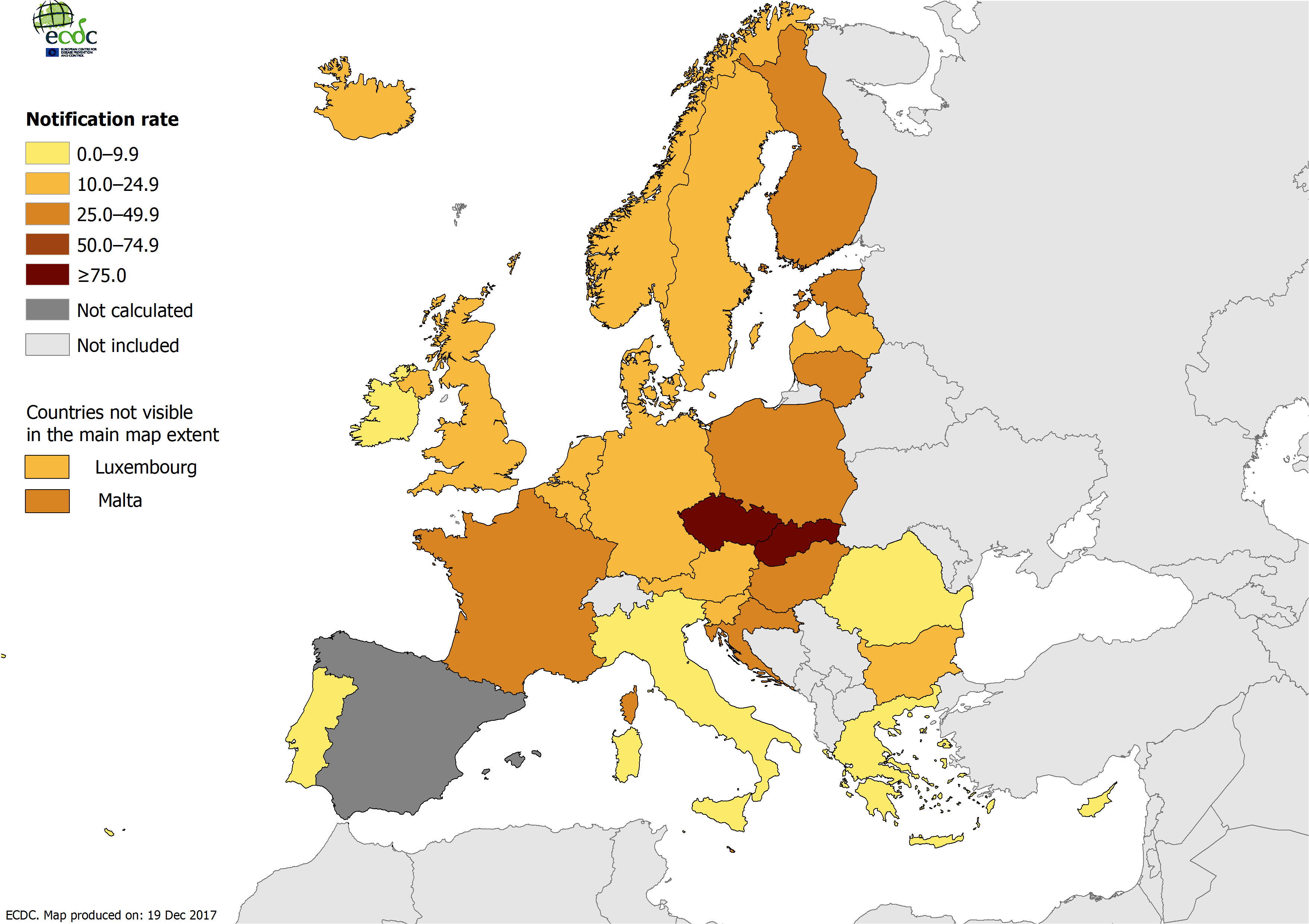
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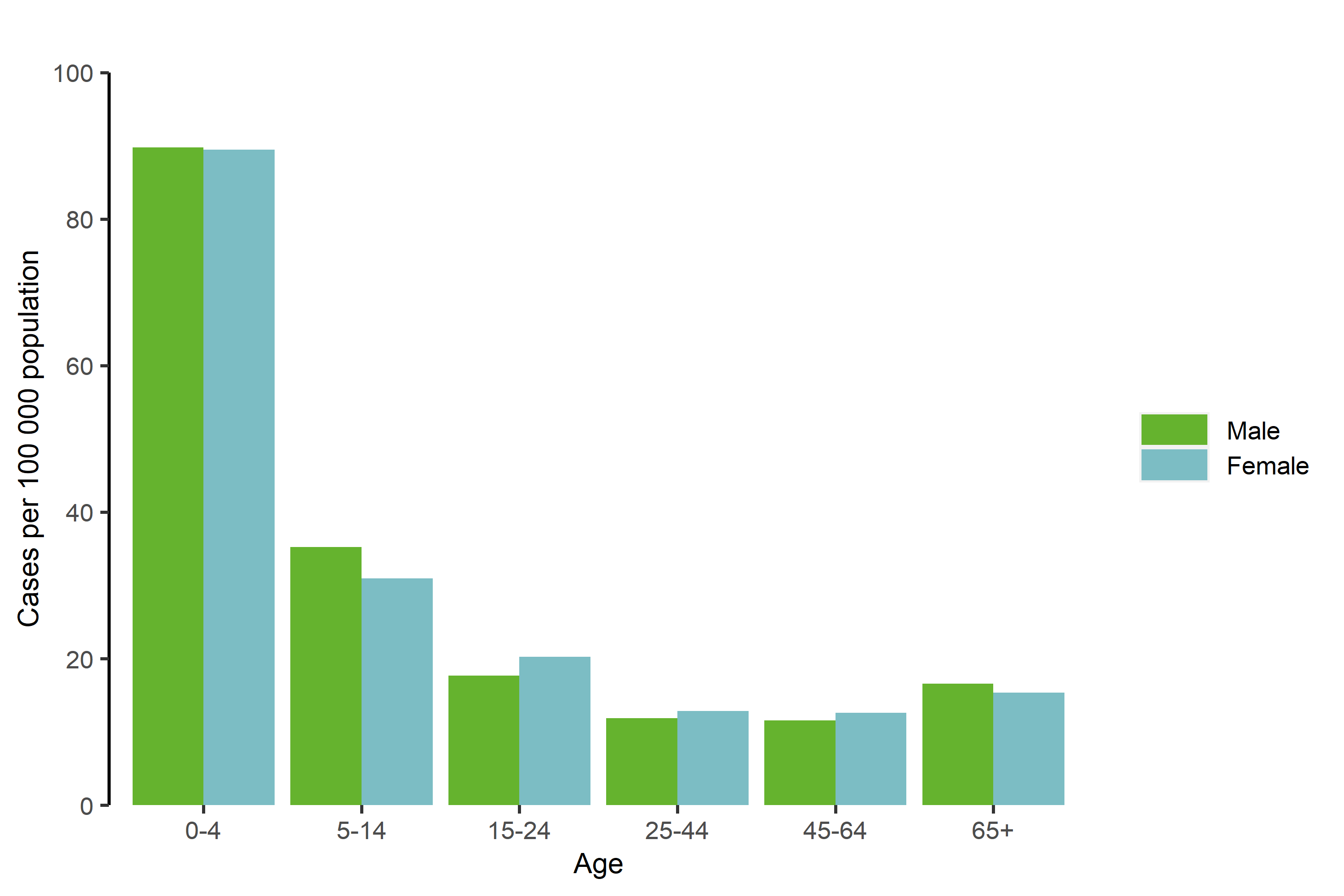
Figure 4. Distribution of confirmed salmonellosis cases per 100 000 population by country, EU/EEA, 2016



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MAP\_ASR

Figure 5. Distribution of confirmed salmonellosis cases per 100 000 population, by age and gender, EU/EEA, 2016



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Outbreaks and other threats

Discussion

Public health implications

References