

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

**Table 1: Reported measles cases for the period March 2017 — February 2018 (data as of 16 April 2018)**

Country	Total Population in 2017 <sup>1</sup>	Incidence Rate Mar 17 - Feb 18 (per 1 million population) <sup>2</sup>	Total measles cases	Month and year of rash onset												Month & year of last report
				Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	
Albania	2 911 428	0.0	0	0	0	0	0	0	0	0	0	-	-	-	-	Oct-17
Andorra	68 727	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Armenia	3 031 670	1.0	3	0	0	0	-	0	0	0	1	0	0	0	2	Feb-18
Austria	8 592 400	5.2	45	7	2	7	0	2	2	1	2	8	1	7	6	Feb-18
Azerbaijan	9 973 697	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Belarus	9 458 535	0.4	4	1	0	0	0	0	0	0	0	0	0	0	3	Feb-18
Belgium	11 443 830	23.5	269	150	35	21	34	16	0	2	0	3	1	1	6	Feb-18
Bosnia and Herzegovina	3 792 759	4.7	18	2	3	-	2	3	1	2	2	3	0	-	-	Dec-17
Bulgaria	7 045 259	23.8	168	23	42	57	39	6	0	0	0	0	0	1	0	Feb-18
Croatia	4 209 815	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Cyprus	1 187 575	11.8	14	0	0	2	1	0	0	0	0	0	1	5	5	Feb-18
Czech Republic	10 555 130	13.5	143	35	58	36	3	1	0	0	0	9	1	0	0	Feb-18
Denmark	5 711 837	0.7	4	1	0	0	0	0	3	0	0	0	0	0	0	Feb-18
Estonia	1 305 755	0.8	1	0	0	1	0	0	0	0	0	0	0	0	0	Feb-18
Finland	5 541 274	1.8	10	0	0	0	1	7	2	0	0	0	0	0	0	Feb-18
France	64 938 716	18.1	1177	49	62	116	43	39	15	19	13	11	65	236	509	Feb-18
Georgia	3 972 532	95.4	379	0	2	0	1	1	9	9	1	13	60	125	158	Feb-18
Germany	80 636 124	8.9	719	192	189	125	39	46	33	8	8	12	19	29	19	Feb-18
Greece	10 892 931	169.9	1851	0	0	3	2	13	93	114	192	304	343	456	331	Feb-18
Hungary	9 787 905	3.2	31	3	0	0	0	9	10	1	1	0	0	2	5	Feb-18
Iceland	334 303	9.0	3	2	0	0	0	0	0	0	0	1	0	0	0	Feb-18
Ireland	4 749 153	12.0	57	1	0	0	0	0	0	0	12	9	4	13	18	Feb-18
Israel	8 323 248	1.9	16	-	-	7	9	0	0	0	0	0	0	0	0	Feb-18
Italy	59 797 978	84.3	5041	976	863	804	661	602	251	166	126	67	114	188	223	Feb-18
Kazakhstan	18 064 470	0.1	2	0	-	1	1	0	0	0	0	0	0	0	0	Feb-18
Kyrgyzstan	6 124 945	4.7	29	0	0	0	0	0	0	0	0	2	2	25	0	Feb-18
Latvia	1 944 565	7.2	14	0	0	0	0	0	0	0	0	0	5	8	1	Feb-18
Lithuania	2 830 582	0.7	2	1	0	0	1	0	0	0	0	0	0	0	0	Feb-18
Luxembourg	584 103	6.8	4	3	0	0	0	0	0	0	0	1	0	0	0	Feb-18
Malta	420 521	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Monaco	38 010	-	-	-	-	-	-	-	-	0	0	0	-	0	-	Jan-18
Montenegro	626 250	44.7	28	0	0	0	0	0	0	0	-	0	0	9	19	Feb-18
Netherlands	17 032 845	1.0	17	0	2	6	2	1	1	1	3	0	0	0	1	Feb-18
Norway	5 330 800	0.9	5	0	0	0	0	1	0	0	0	0	0	0	4	Feb-18
Poland	38 563 573	2.0	77	4	5	5	5	1	3	13	11	2	6	17	5	Feb-18
Portugal	10 264 797	3.4	35	10	18	4	0	0	0	0	0	0	0	0	3	Feb-18
Republic of Moldova	4 054 640	0.5	2	0	0	0	0	0	0	0	0	0	0	1	1	Feb-18
Romania	19 237 513	232.6	4474	1332	1217	1029	100	100	102	91	102	101	100	100	100	Feb-18
Russian Federation	143 375 006	8.3	1195	18	14	53	54	66	56	92	130	194	159	239	120	Feb-18
San Marino	32 104	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Serbia	8 776 940	322.1	2827	0	0	4	1	0	0	0	13	286	392	901	1230	Feb-18
Slovakia	5 432 157	2.0	11	0	2	0	0	0	0	0	0	0	9	0	0	Feb-18
Slovenia	2 071 252	1.4	3	0	0	0	0	0	0	0	0	0	1	2	0	Feb-18
Spain	46 070 146	3.0	136	22	10	37	19	6	6	2	0	1	11	6	16	Feb-18
Sweden	9 920 624	5.0	50	8	3	3	0	0	2	3	1	0	16	12	2	Feb-18
Switzerland	8 454 083	9.0	76	17	10	0	0	1	10	17	4	4	0	7	6	Feb-18
Tajikistan	8 858 115	60.8	539	98	228	149	51	11	2	0	0	0	0	0	0	Feb-18
The former Yugoslav Republic of Macedonia	2 083 308	14.4	30	0	0	0	0	0	-	11	8	0	1	5	5	Feb-18
Turkey	80 417 526	0.9	71	3	12	17	0	0	11	1	3	14	5	2	3	Feb-18
Turkmenistan	5 502 586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	44 405 055	244.5	10858	44	89	311	461	428	242	248	505	1001	1400	3030	3099	Feb-18
United Kingdom	65 511 098	5.8	380	8	17	34	25	22	14	18	22	65	46	54	55	Feb-18
Uzbekistan	30 690 914	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
<b>Total/Averages</b>	<b>914 981 109</b>	<b>33.68</b>	<b>30818</b>	<b>3010</b>	<b>2883</b>	<b>2832</b>	<b>1555</b>	<b>1382</b>	<b>868</b>	<b>819</b>	<b>1160</b>	<b>2111</b>	<b>2762</b>	<b>5481</b>	<b>5955</b>	

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

<sup>1</sup> Source: "World Population Prospects: The 2015 Revision", New York, United Nations.

<sup>2</sup> Incidence not meeting the target (<1) is highlighted in red.

Member States submitting aggregate data: Belgium, Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, Serbia, the former Yugoslav Republic of Macedonia, Ukraine.

For tables 1-4, the reporting of these data by year and month are based on cases with disease onset date during the above 12-month period and corresponding month. Where the disease onset date was unavailable, cases with the date of notification reported during these respective time periods were included as date of onset. These reports produced by national or partner agencies may differ if other dates (e.g. date of case reporting) were used.

**Table 2: Reported rubella cases for the period March 2017 — February 2018 (data as of 16 April 2018)**

Country	Total Population in 2017 <sup>1</sup>	Incidence Rate Mar 17 - Feb 18 (per 1 million population) <sup>2</sup>	Total rubella cases	Month and year of rash onset												Month & year of last report
				Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	
Albania	2 911 428	0.0	0	0	0	0	0	0	0	0	0	-	-	-	-	Oct-17
Andorra	68 727	0.0	0	0	0	0	-	0	0	0	0	0	0	0	0	Feb-18
Armenia	3 031 670	0.0	0	0	0	0	-	0	0	0	0	0	0	0	0	Feb-18
Austria	8 592 400	4.7	40	18	1	1	0	0	0	0	2	6	7	5	0	Feb-18
Azerbaijan	9 973 697	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Belarus	9 458 535	0.1	1	0	0	0	0	0	0	0	0	0	0	0	1	Feb-18
Belgium <sup>3</sup>	11 443 830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Bosnia and Herzegovina	3 792 759	0.3	1	-	0	-	0	0	1	0	0	0	0	-	-	Dec-17
Bulgaria	7 045 259	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Croatia	4 209 815	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Cyprus	1 187 575	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Czech Republic	10 555 130	0.2	2	1	1	0	0	0	0	0	0	0	0	0	0	Feb-18
Denmark <sup>3</sup>	5 711 837	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Estonia	1 305 755	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Finland	5 541 274	0.2	1	0	0	0	0	0	0	0	1	0	0	0	0	Feb-18
France <sup>3</sup>	64 938 716	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Georgia	3 972 532	2.8	11	0	0	0	1	1	0	0	0	1	0	2	6	Feb-18
Germany	80 636 124	0.9	71	7	12	7	7	5	5	3	11	4	2	6	2	Feb-18
Greece	10 892 931	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Hungary	9 787 905	0.0	0	-	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Iceland	334 303	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Ireland	4 749 153	0.4	2	0	0	0	0	0	0	0	0	0	0	0	2	Feb-18
Israel	8 323 248	0.0	0	-	-	0	0	0	0	0	0	-	-	0	0	Feb-18
Italy	59 797 978	1.0	60	15	11	12	6	3	1	3	2	2	2	1	2	Feb-18
Kazakhstan	18 064 470	0.0	0	0	-	0	0	0	0	0	0	0	0	0	0	Feb-18
Kyrgyzstan	6 124 945	0.8	5	1	0	0	0	0	0	0	0	1	1	2	0	Feb-18
Latvia	1 944 565	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Lithuania	2 830 582	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Luxembourg	584 103	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Malta	420 521	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Monaco	38 010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Montenegro	626 250	0.0	0	0	0	0	0	0	0	0	-	0	0	0	0	Feb-18
Netherlands	17 032 845	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Norway	5 330 800	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Poland	38 563 573	12.8	492	44	43	57	45	44	37	31	40	34	33	38	46	Feb-18
Portugal	10 264 797	0.3	3	1	0	0	0	0	0	2	0	0	0	0	0	Feb-18
Republic of Moldova	4 054 640	0.0	0	0	0	0	0	0	0	0	0	-	0	0	0	Feb-18
Romania	19 237 513	0.4	8	-	1	2	0	1	2	0	1	0	0	1	0	Feb-18
Russian Federation	143 375 006	0.0	7	1	1	2	0	0	1	0	1	0	1	0	0	Feb-18
San Marino	32 104	-	-	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Serbia	8 776 940	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Slovakia	5 432 157	0.2	1	1	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Slovenia	2 071 252	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Spain	46 070 146	0.0	1	0	0	0	0	1	0	0	0	0	0	0	0	Feb-18
Sweden	9 920 624	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-18
Switzerland	8 454 083	0.2	2	0	0	1	0	0	0	0	0	0	0	0	1	Feb-18
Tajikistan	8 858 115	0.0	0	-	0	0	0	0	0	0	0	-	0	-	0	Feb-18
The former Yugoslav Republic of Macedonia	2 083 308	0.0	0	0	0	0	0	0	-	0	0	0	0	0	0	Feb-18
Turkey	80 417 526	0.0	3	0	0	2	0	0	0	0	0	0	0	1	0	Feb-18
Turkmenistan	5 502 586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	44 405 055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
United Kingdom	65 511 098	0.0	3	0	1	0	0	0	0	0	1	1	0	0	0	Feb-18
Uzbekistan	30 690 914	0.0	1	0	0	1	0	0	0	0	0	0	0	0	0	Feb-18
<b>Total/Averages</b>	<b>914 981 109</b>	<b>0.78</b>	<b>715</b>	<b>89</b>	<b>71</b>	<b>85</b>	<b>59</b>	<b>55</b>	<b>47</b>	<b>39</b>	<b>59</b>	<b>49</b>	<b>46</b>	<b>57</b>	<b>59</b>	

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

<sup>1</sup> Source: "World Population Prospects: The 2015 Revision", New York, United Nations.

<sup>2</sup> Incidence not meeting the target (<1) is highlighted in red.

<sup>3</sup> Belgium, Denmark, and France do not have comprehensive rubella surveillance systems.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Poland, Republic of Moldova, the former Yugoslav Republic of Macedonia.

**Table 3: Measles classification, reporting and surveillance performance, January — February 2018 (data as of 16 April 2018)**

Country	Total Population in 2017 <sup>1</sup>	2017 (as of 16 April 2018)			2018														
		Incidence Rate (per 1 million population) <sup>2</sup>	Total measles cases <sup>3</sup>	Total measles death	Annualized Incidence Rate (per 1 million population) <sup>2</sup>	Total measles cases <sup>3</sup>	Classification			Discarded Measles	Imported cases	Measles Death	Reporting			Surveillance Indicators			
							Lab confirmed	Epi-Link	Clinically compatible <sup>4</sup>				Completeness <sup>5</sup>	Timeliness <sup>5</sup>	Month & year of last report	Laboratory investigation rate <sup>5</sup>	Rate of discarded cases <sup>6</sup>	Origin of infection <sup>5</sup>	Timeliness of investigation <sup>5</sup>
Albania	2 911 428	0.0	0	-	-	-	-	-	-	-	-	-	-	-	Oct-17	-	-	-	-
Andorra	68 727	0.0	0	-	0.0	0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-
Armenia	3 031 670	0.3	1	0	0.0	2	2	0	0	22	2	0	100%	50%	Feb-18	100%	0.73	8.3%	100%
Austria	8 592 400	9.7	94	0	0.2	13	8	4	1	6	3	0	100%	100%	Feb-18	67%	0.07	68.4%	5%
Azerbaijan	9 973 697	0.0	0	0	0.0	0	0	0	0	17	0	0	100%	100%	Feb-18	100%	0.17	0	100%
Belarus	9 458 535	0.0	1	0	0.1	3	3	0	0	52	0	0	100%	50%	Feb-18	100%	0.55	0	0
Belgium	11 443 830	32.1	367	0	0.1	7	7	0	0	0	0	0	100%	100%	Feb-18	-	-	-	-
Bosnia and Herzegovina	3 792 759	7.1	27	0	-	-	-	-	-	-	-	-	-	-	Dec-17	-	-	-	-
Bulgaria	7 045 259	23.6	167	1	0.0	1	1	0	0	0	1	0	100%	100%	Feb-18	100%	0.00	100.0%	100%
Croatia	4 209 815	1.7	7	0	0.0	0	0	0	0	0	0	0	100%	50%	Feb-18	-	0.00	-	-
Cyprus	1 187 575	0.8	4	0	1.0	10	10	0	0	0	3	0	100%	100%	Feb-18	100%	0.00	100.0%	0
Czech Republic	10 555 130	13.5	146	0	0.0	0	0	0	0	0	0	0	100%	50%	Feb-18	-	0.00	-	-
Denmark	5 711 837	0.4	4	0	0.0	0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-
Estonia	1 305 755	0.0	1	0	0.0	0	0	0	0	10	0	0	100%	100%	Feb-18	100%	0.77	0	100%
Finland	5 541 274	0.7	10	0	0.0	0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-
France	64 938 716	7.5	520	1	1.9	745	341	128	276	0	9	1	100%	100%	Feb-18	79%	0.00	79.3%	0
Georgia	3 972 532	23.7	96	0	11.9	283	227	15	41	162	0	0	100%	0%	Feb-18	91%	4.08	63.4%	98%
Germany	80 636 124	10.8	936	1	0.1	48	42	4	2	0	7	0	100%	100%	Feb-18	91%	0.00	72.9%	0
Greece	10 892 931	97.4	1064	2	12.0	787	463	48	276	23	0	1	100%	100%	Feb-18	64%	0.21	0	0
Hungary	9 787 905	3.2	36	0	0.1	7	7	0	0	2	3	0	100%	100%	Feb-18	100%	0.02	66.7%	100%
Iceland	334 303	3.0	3	0	0.0	0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-
Ireland	4 749 153	5.5	26	0	1.1	31	22	0	9	0	1	0	100%	100%	Feb-18	84%	0.00	77.4%	68%
Israel	8 323 248	1.8	16	0	0.0	0	0	0	0	0	0	0	100%	50%	Feb-18	-	0.00	-	-
Italy	59 797 978	89.7	5410	4	1.1	411	293	28	90	22	7	2	100%	100%	Feb-18	79%	0.04	78.3%	0
Kazakhstan	18 064 470	0.1	2	0	0.0	0	0	0	0	0	0	0	100%	100%	Feb-18	-	-	-	-
Kyrgyzstan	6 124 945	0.5	5	0	0.0	25	25	0	0	23	25	0	100%	50%	Feb-18	100%	0.38	52.1%	98%
Latvia	1 944 565	2.1	5	0	0.8	9	9	0	0	0	0	0	100%	100%	Feb-18	100%	0.00	0	100%
Lithuania	2 830 582	0.0	2	0	0.0	0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-
Luxembourg	584 103	1.7	4	0	0.0	0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-
Malta	420 521	0.0	0	-	0.0	0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-
Monaco	38 010	0.0	0	-	0.0	0	0	0	0	0	0	0	50%	50%	Jan-18	-	0.00	-	-
Montenegro	626 250	0.0	0	0	6.9	28	2	0	26	1	2	0	100%	50%	Feb-18	14%	0.16	6.9%	10%
Netherlands	17 032 845	0.6	16	0	0.0	1	1	0	0	0	1	0	100%	100%	Feb-18	100%	0.00	100.0%	0
Norway	5 330 800	0.0	1	0	0.0	4	4	0	0	0	3	0	100%	100%	Feb-18	100%	0.00	75.0%	100%
Poland	38 563 573	1.4	63	0	0.1	22	17	1	4	0	3	0	100%	100%	Feb-18	95%	0.00	100.0%	100%
Portugal	10 264 797	3.1	34	1	0.0	3	3	0	0	4	1	0	100%	100%	Feb-18	100%	0.04	14.3%	57%
Republic of Moldova	4 054 640	0.0	0	-	0.1	2	2	0	0	0	0	0	100%	100%	Feb-18	-	-	-	-
Romania	19 237 513	290.6	5610	18	1.7	200	173	27	0	0	3	1	100%	100%	Feb-18	100%	0.00	100.0%	100%
Russian Federation	143 375 006	5.9	868	0	0.4	359	353	5	1	0	5	1	100%	100%	Feb-18	99%	0.00	100.0%	81%
San Marino	32 104	0.0	0	-	0.0	0	0	0	0	0	0	0	100%	50%	Feb-18	-	0.00	-	-
Serbia	8 776 940	80.0	702	1	40.5	2131	1164	0	967	0	0	4	100%	100%	Feb-18	-	-	-	-
Slovakia	5 432 157	1.5	11	0	0.0	0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-
Slovenia	2 071 252	2.4	7	0	0.1	2	2	0	0	0	1	0	100%	100%	Feb-18	50%	0.00	100.0%	100%
Spain	46 070 146	2.9	155	1	0.1	22	19	0	3	9	2	0	100%	100%	Feb-18	97%	0.02	16.1%	94%
Sweden	9 920 624	3.5	46	0	0.2	14	14	0	0	0	2	0	100%	100%	Feb-18	100%	0.00	100.0%	0
Switzerland	8 454 083	11.6	105	1	0.2	13	10	3	0	26	4	0	100%	100%	Feb-18	97%	0.31	30.8%	31%
Tajikistan	8 858 115	12.9	649	0	0.0	0	0	0	0	13	0	0	100%	50%	Feb-18	100%	0.15	0	77%
The former Yugoslav Republic of Macedonia	2 083 308	9.6	20	0	0.8	10	9	0	1	0	0	0	100%	0%	Feb-18	-	-	-	-
Turkey	80 417 526	0.8	69	0	0.0	5	5	0	0	228	3	0	100%	50%	Feb-18	100%	0.28	1.3%	97%
Turkmenistan	5 502 586	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Ukraine	44 405 055	107.4	4768	5	23.0	6129	952	0	5177	0	0	4	100%	50%	Feb-18	-	-	-	-
United Kingdom	65 511 098	2.3	282	0	0.2	109	109	0	0	0	33	0	100%	100%	Feb-18	100%	0.00	90.8%	0
Uzbekistan	30 690 914	0.0	0	0	0.0	0	0	0	0	14	0	0	100%	50%	Feb-18	100%	0.05	0	100%
<b>Total/Averages</b>	<b>914 981 109</b>	<b>23.4</b>	<b>22360</b>	<b>36</b>	<b>2.1</b>	<b>11436</b>	<b>4299</b>	<b>263</b>	<b>6874</b>	<b>634</b>	<b>124</b>	<b>14</b>	<b>93.4%</b>	<b>78.3%</b>		<b>25.0%</b>	<b>0.07</b>	<b>17.0%</b>	<b>11.5%</b>

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

<sup>1</sup> Source: "World Population Prospects: The 2015 Revision", New York, United Nations.

<sup>2</sup> Incidence not meeting the target (<1) and countries not reporting monthly measles data are highlighted in red. The imported measles cases are excluded from the numerator while calculating the incidence rate.

<sup>3</sup> All confirmed measles cases regardless of origin.

<sup>4</sup> Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

<sup>5</sup> Target (>=80%) not achieving are highlighted in Red. <sup>6</sup> Discard rate (>=2) not achieving are highlighted in Red.

Member States submitting aggregate data: Belgium, Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, Serbia, the former Yugoslav Republic of Macedonia, Ukraine. The Surveillance Indicators could not be calculated.

**Table 4: Rubella classification, reporting and surveillance performance, January — February 2018 (data as of 16 April 2018)**

Country	Total Population in 2017 <sup>1</sup>	2017 (as of 16 April 2018)		2018														
		Incidence Rate (per 1 million population) <sup>2</sup>	Total rubella cases <sup>3</sup>	Annualized Incidence Rate (per 1 million population) <sup>2</sup>	Total rubella cases <sup>3</sup>	Classification			Discarded Rubella	Imported cases	Reporting			Surveillance Indicators				
						Lab confirmed	Epi-Link	Clinically compatible <sup>4</sup>			Completeness <sup>5</sup>	Timeliness <sup>5</sup>	Month & year of last report	Laboratory investigation rate <sup>5</sup>	Rate of discarded cases <sup>6</sup>	Origin of infection <sup>3</sup>	Timeliness of investigation <sup>5</sup>	
Albania	2 911 428	0.0	0	-	-	-	-	-	-	-	-	-	-	Oct-17	-	-	-	-
Andorra	68 727	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Armenia	3 031 670	0.0	0	0.0	0	0	0	0	1	0	100%	50%	Feb-18	100%	0.03	0%	100%	
Austria	8 592 400	4.5	42	0.1	5	5	0	0	0	0	100%	100%	Feb-18	100%	0.00	100%	0%	
Azerbaijan	9 973 697	0.0	0	0.0	0	0	0	0	10	0	100%	100%	Feb-18	100%	0.10	0%	100%	
Belarus	9 458 535	0.0	1	0.0	1	1	0	0	52	1	100%	50%	Feb-18	2%	0.55	2%	0%	
Belgium <sup>7</sup>	11 443 830	-	-	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-	
Bosnia and Herzegovina	3 792 759	0.3	1	-	-	-	-	-	-	-	-	-	Dec-17	-	-	-	-	
Bulgaria	7 045 259	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Croatia	4 209 815	0.0	0	0.0	0	0	0	0	0	0	100%	50%	Feb-18	-	0.00	-	-	
Cyprus	1 187 575	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Czech Republic	10 555 130	0.1	2	0.0	0	0	0	0	0	0	100%	0%	Feb-18	-	0.00	-	-	
Denmark <sup>7</sup>	5 711 837	-	-	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-	
Estonia	1 305 755	0.0	0	0.0	0	0	0	0	3	0	100%	100%	Feb-18	100%	0.23	0%	100%	
Finland	5 541 274	0.2	1	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
France <sup>7</sup>	64 938 716	-	-	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-	
Georgia	3 972 532	1.3	5	0.3	8	0	0	8	19	0	100%	0%	Feb-18	63%	0.48	30%	100%	
Germany	80 636 124	0.9	74	0.0	8	2	0	6	0	0	100%	100%	Feb-18	25%	0.00	63%	0%	
Greece	10 892 931	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Hungary	9 787 905	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Iceland	334 303	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Ireland	4 749 153	0.0	0	0.1	2	0	0	2	0	0	100%	100%	Feb-18	0%	0.00	0%	50%	
Israel	8 323 248	0.0	0	0.0	0	0	0	0	0	0	100%	50%	Feb-18	-	0.00	-	-	
Italy	59 797 978	1.1	68	0.0	3	1	0	2	1	1	100%	100%	Feb-18	75%	0.00	50%	0%	
Kazakhstan	18 064 470	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	-	-	-	
Kyrgyzstan	6 124 945	0.7	4	0.1	2	2	0	0	4	0	100%	50%	Feb-18	100%	0.07	33%	100%	
Latvia	1 944 565	0.0	0	0.0	0	0	0	0	0	0	100%	50%	Feb-18	-	0.00	-	-	
Lithuania	2 830 582	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Luxembourg	584 103	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Malta	420 521	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Monaco	38 010	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-	
Montenegro	626 250	0.0	0	0.0	0	0	0	0	0	0	100%	50%	Feb-18	-	0.00	-	-	
Netherlands	17 032 845	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Norway	5 330 800	0.0	0	0.0	0	0	0	0	0	0	100%	50%	Feb-18	-	0.00	-	-	
Poland	38 563 573	12.9	496	0.4	84	0	1	83	0	0	100%	100%	Feb-18	-	-	-	-	
Portugal	10 264 797	0.4	4	0.0	0	0	0	0	1	0	100%	100%	Feb-18	100%	0.01	0%	100%	
Republic of Moldova	4 054 640	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	-	-	-	
Romania	19 237 513	0.5	9	0.0	1	1	0	0	0	0	100%	100%	Feb-18	100%	0.00	100%	100%	
Russian Federation	143 375 006	0.0	7	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
San Marino	32 104	0.0	0	0.0	0	0	0	0	0	0	50%	0%	Feb-18	-	0.00	-	-	
Serbia	8 776 940	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-	
Slovakia	5 432 157	0.2	1	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Slovenia	2 071 252	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Spain	46 070 146	0.0	1	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Sweden	9 920 624	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Switzerland	8 454 083	0.1	1	0.0	1	1	0	0	4	0	100%	100%	Feb-18	100%	0.05	0%	20%	
Tajikistan	8 858 115	0.1	1	0.0	0	0	0	0	4	0	50%	50%	Feb-18	100%	0.05	0%	100%	
The former Yugoslav Republic of Macedonia	2 083 308	0.0	0	0.0	0	0	0	0	0	0	100%	0%	Feb-18	-	-	-	-	
Turkey	80 417 526	0.0	2	0.0	1	1	0	0	228	0	100%	50%	Feb-18	0%	0.28	0%	0%	
Turkmenistan	5 502 586	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-	
Ukraine	44 405 055	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-	
United Kingdom	65 511 098	0.0	3	0.0	0	0	0	0	0	0	100%	100%	Feb-18	-	0.00	-	-	
Uzbekistan	30 690 914	0.0	1	0.0	0	0	0	0	2	0	100%	50%	Feb-18	100%	0.01	0%	100%	
<b>Total/Averages</b>	<b>914 981 109</b>	<b>0.8</b>	<b>724</b>	<b>0.0</b>	<b>116</b>	<b>14</b>	<b>1</b>	<b>101</b>	<b>329</b>	<b>2</b>	<b>83.0%</b>	<b>67.0%</b>		<b>14.0%</b>	<b>0.04</b>	<b>5.6%</b>	<b>13.0%</b>	

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

<sup>1</sup> Source: World Population Prospects: The 2015 Revision, New York, United Nations.

<sup>2</sup> Incidence not meeting the target (<1) and countries not reporting monthly rubella data are highlighted in red. The imported rubella cases are excluded from the numerator while calculating the incidence rate.

<sup>3</sup> All confirmed rubella cases regardless of origin. <sup>4</sup> Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

<sup>5</sup> Target (>=80%) not achieving are highlighted in Red. NA for countries submitting aggregated data. <sup>6</sup> Discard rate (>=2) not achieving are highlighted in Red.

<sup>7</sup> Belgium, Denmark, and France do not have comprehensive rubella surveillance systems.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Poland, Republic of Moldova, the former Yugoslav Republic of Macedonia. The Surveillance Indicators could not be calculated.

**Table 5: Measles and rubella laboratory test results, January — February 2018 (data as of 16 April 2018)**

Country	Measles				Rubella				Reporting to CISID / MRLDMS		
	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	% Timeliness	Month of last report
Albania	441	204 (46.0)	-	-	0	0	-	-	100%	50%	Feb-18
Andorra			-	-			-	-			No Lab
Armenia	23	1 (4.0)	-	-	23	0 (0.0)	-	-	100%	50%	Feb-18
Austria	225	6 (3.0)	B3	100%	850	8 (1.0)	-	-	100%	100%	Feb-18
Azerbaijan	26	0 (0.0)	-	-	48	0 (0.0)	-	-	100%	100%	Feb-18
Belarus	64	7 (11.0)	B3, D8	100%	62	3 (5.0)	2B	100%	100%	100%	Feb-18
Belgium	45	12 (27.0)	-	-	35	3 (9.0)	-	-	100%	0	Feb-18
Bosnia and Herzegovina	6	1 (17.0)	-	-	5	1 (20.0)	-	-	100%	100%	Feb-18
Bulgaria	11	1 (9.0)	-	-	11	0 (0.0)	-	-	100%	100%	Feb-18
Croatia	3	-	-	-	1	0 (0.0)	-	-	50%	0	Jan-18
Cyprus	49	14 (29.0)	-	-	81	0 (0.0)	-	-	100%	100%	Feb-18
Czech Republic	58	33 (57.0)	-	-	0	0	-	-	100%	100%	Feb-18
Denmark	84	2 (2.0)	-	-	8	1 (13.0)	-	-	100%	100%	Feb-18
Estonia	20	0 (0.0)	-	-	86	0 (0.0)	-	-	100%	100%	Feb-18
Finland	18	0 (0.0)	-	-	18	1 (6.0)	-	-	100%	100%	Feb-18
France	369	163 (44.0)	D8	100%	115	0 (0.0)	-	-	100%	50%	Feb-18
Georgia	-	-	-	-	-	-	-	-	-	-	No Report
Germany	-	-	-	-	-	-	-	-	-	-	No Report
Greece	-	-	-	-	-	-	-	-	-	-	No Report
Hungary	55	5 (9.0)	B3, D8	100%	34	0 (0.0)	-	-	100%	100%	Feb-18
Iceland	-	-	-	-	-	-	-	-	-	-	No Report
Ireland	410	30 (7.0)	B3, D8	100%	366	0 (0.0)	-	-	100%	100%	Feb-18
Israel	48	1 (2.0)	-	-	137	42 (31.0)	-	-	100%	100%	Feb-18
Italy	411	204 (50.0)	B3, D8	95%	195	2 (1.0)	-	-	100%	100%	Feb-18
Kazakhstan	12	0 (0.0)	-	-	13	0 (0.0)	-	-	100%	100%	Feb-18
Kyrgyzstan	178	40 (22.0)	B3	0%	149	3 (2.0)	-	-	100%	100%	Feb-18
Latvia	458	44 (10.0)	B3	93%	319	7 (2.0)	-	-	100%	0	Feb-18
Lithuania	5	0 (0.0)	-	-	4	0 (0.0)	-	-	100%	100%	Feb-18
Luxembourg	9	0 (0.0)	-	-	0	0	-	-	100%	100%	Feb-18
Malta	26	0 (0.0)	-	-	142	0 (0.0)	-	-	100%	100%	Feb-18
Monaco											No Lab
Montenegro											No Lab
Netherlands	11	2 (18.0)	B3, D8	100%	11	0 (0.0)	-	-	100%	100%	Feb-18
Norway	-	-	B3, D8	100%	-	-	-	-	-	-	No Report
Poland	-	-	D8	100%	-	-	-	-	-	-	No Report
Portugal	0	0	-	-	0	0	-	-	50%	50%	Jan-18
Republic of Moldova	23	2 (9.0)	-	-	21	0 (0.0)	-	-	100%	100%	Feb-18
Romania	823	699 (85.0)	B3	100%	115	1 (1.0)	-	-	100%	50%	Feb-18
Russian Federation	1179	544 (46.0)	B3, D8	83%	891	10 (1.0)	-	-	100%	100%	Feb-18
San Marino											No Lab
Serbia	1458	877 (60.0)	B3	0%	607	5 (1.0)	-	-	100%	100%	Feb-18
Slovakia	16	2 (13.0)	-	-	1	0 (0.0)	-	-	100%	100%	Feb-18
Slovenia	137	4 (3.0)	B3	100%	3	0 (0.0)	-	-	100%	100%	Feb-18
Spain	-	-	B3, D8	100%	-	-	-	-	-	-	No Report
Sweden	1356	63 (5.0)	B3	100%	368	1 (0.0)	-	-	100%	100%	Feb-18
Switzerland	38	13 (34.0)	B3, D8	80%	1	1 (100.0)	-	-	100%	100%	Feb-18
Tajikistan	13	0 (0.0)	-	-	13	0 (0.0)	-	-	50%	50%	Feb-18
The former Yugoslav Republic of Macedonia	11	4 (36.0)	-	-	0	0	-	-	50%	0	Jan-18
Turkey	-	-	-	-	-	-	-	-	-	-	No Report
Turkmenistan	12	0 (0.0)	-	-	12	0 (0.0)	-	-	100%	100%	Feb-18
Ukraine	409	188 (46.0)	B3	0%	55	3 (5.0)	-	-	100%	100%	Feb-18
United Kingdom	521	85 (16.0)	B3, D8	99%	69	0 (0.0)	-	-	100%	100%	Feb-18
Uzbekistan	15	0 (0.0)	-	-	15	0 (0.0)	-	-	100%	100%	Feb-18
<b>Total / Average</b>	<b>9076</b>	<b>3251 (36%)</b>	<b>-</b>	<b>92%</b>	<b>4884</b>	<b>92 (2%)</b>	<b>-</b>	<b>100%</b>	<b>73.6%</b>	<b>64.2%</b>	

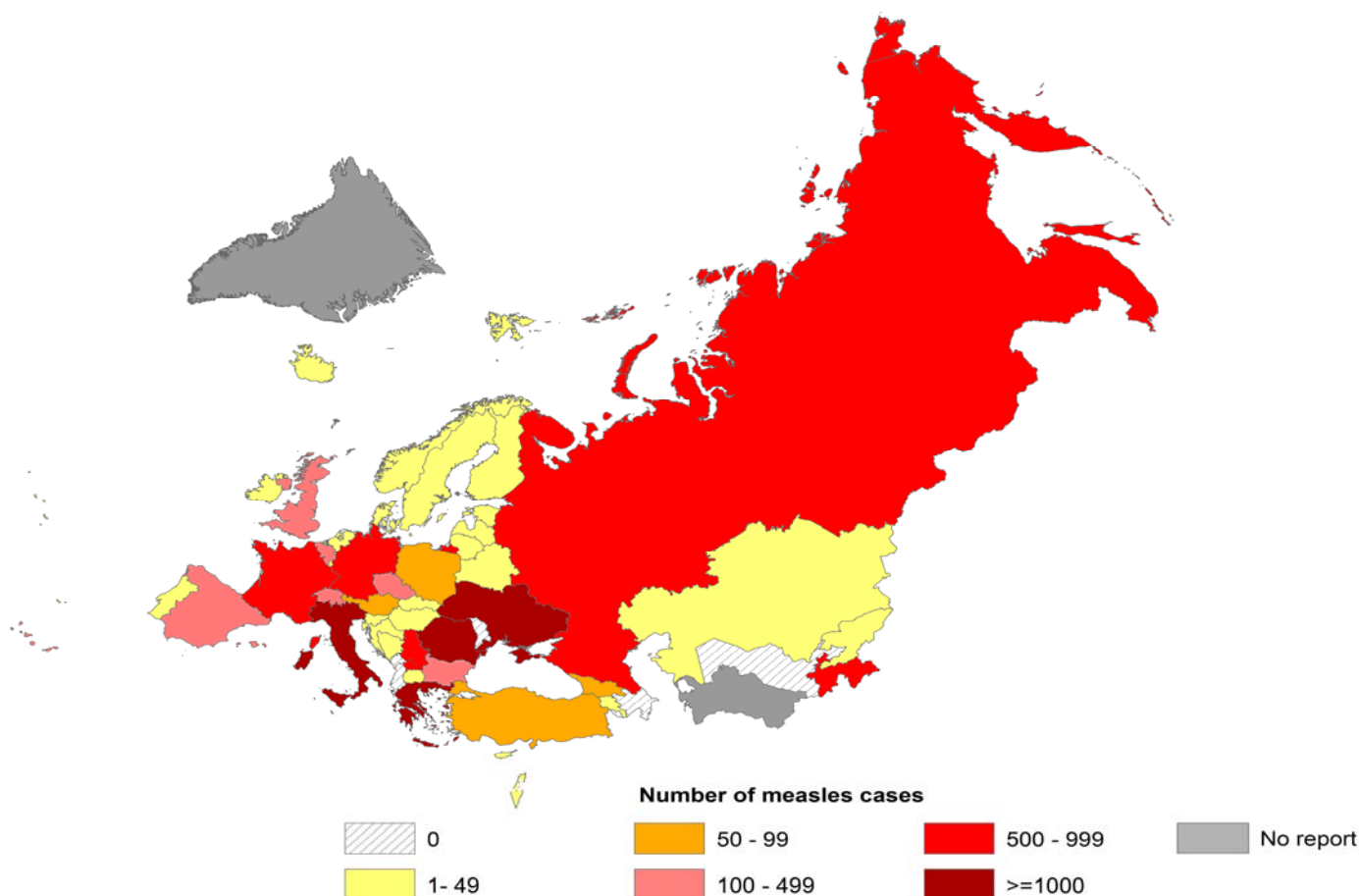
<sup>1</sup> Data source: Aggregated monthly data provided by regional measles and rubella laboratory network (MR Labnet) to WHO/Europe. Some countries are only reporting to specimen-based MR lab data management system (MR LDMS).

<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.

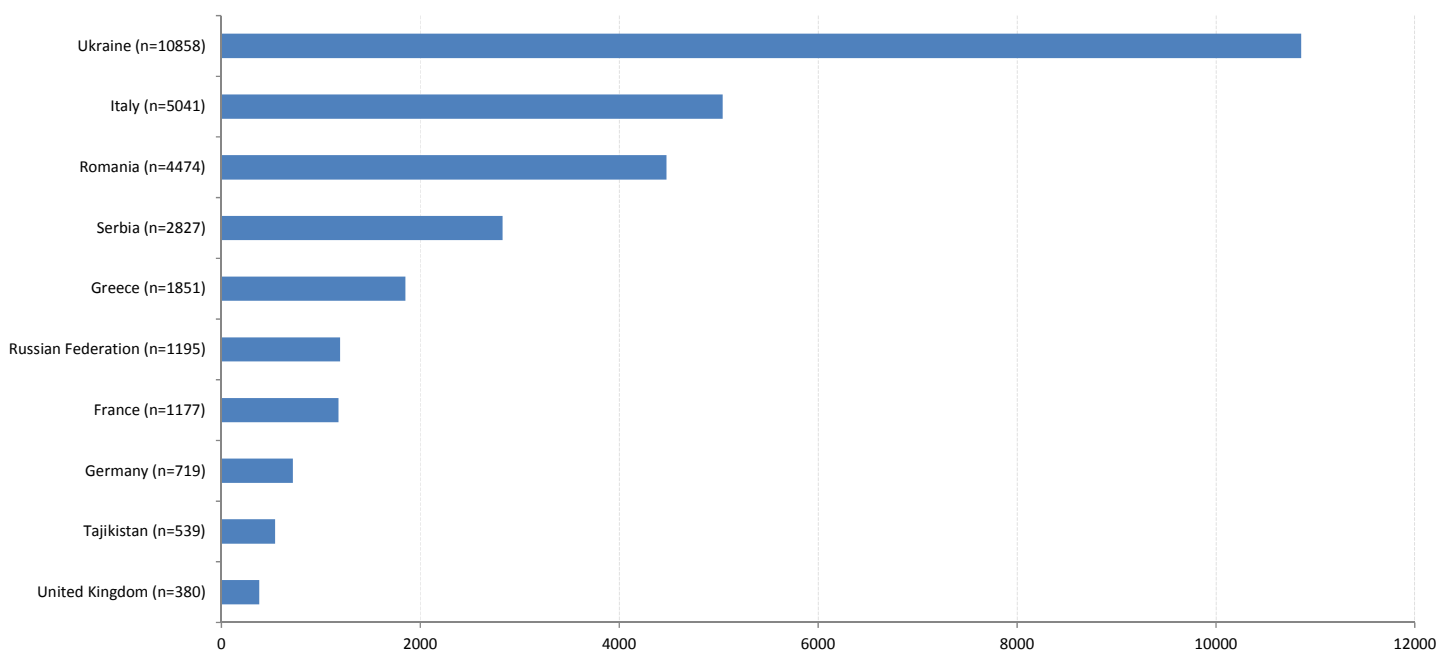
*\*Specimen based data are not population based, and should not be interpreted as indicators for epidemiological surveillance. Laboratories may have received more than 1 clinical sample or may have conducted more than 1 test for a given case reported in Table 1.*

**Figure 1: Map of Measles Cases in European Region, 2017 (n=22360) (data as of 16 April 2018)\***



*The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement. © WHO 2018. All rights reserved.*

**Figure 2: Ten countries with the highest numbers of measles cases in the European Region in the previous 12-months (Mar 2017 — Feb 2018) (data as of 16 April 2018)\***



\*Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

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