

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 April 2019—March 2020 (data as of 01 May 2020)**

Country	Total Population in 2019 <sup>1</sup>	Incidence Rate April 2019–March 2020 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	
Albania	2 880 917	72.89	210	110	72	18	2	4	0	0	0	1	2	1	0	Mar-20
Andorra	77 142	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Armenia	2 957 731	1.01	3	0	0	0	0	0	1	2	0	0	0	0	0	Mar-20
Austria	8 955 102	11.84	106	32	35	6	7	4	2	1	2	3	2	8	4	Mar-20
Azerbaijan	10 047 718	3.38	34	20	9	3	0	0	0	0	0	0	0	2	0	Mar-20
Belarus	9 452 411	14.71	139	20	66	37	15	1	0	0	0	0	0	0	0	Mar-20
Belgium	11 539 328	30.94	357	33	93	61	25	14	10	29	32	15	29	14	2	Mar-20
Bosnia and Herzegovina	3 301 000	325.96	1076	430	376	186	58	19	3	1	0	1	2	0	0	Mar-20
Bulgaria	7 000 119	167.28	1171	278	263	214	76	35	15	11	18	41	94	80	46	Mar-20
Croatia	4 130 304	12.35	51	0	6	4	10	4	14	12	1	0	0	0	0	Mar-20
Cyprus	1 198 575	5.01	6	3	1	1	0	0	0	0	0	0	0	1	0	Mar-20
Czech Republic	10 689 209	15.34	164	87	34	23	9	3	0	2	3	0	1	2	0	Mar-20
Denmark	5 771 876	1.39	8	2	1	1	0	0	0	0	0	0	4	0	0	Mar-20
Estonia	1 325 648	12.07	16	0	6	7	1	1	0	0	0	1	0	0	0	Mar-20
Finland	5 532 156	1.81	10	2	0	0	0	0	0	0	4	0	2	2	0	Mar-20
France	65 129 728	33.75	2198	340	554	467	311	109	56	61	49	40	86	76	49	Mar-20
Georgia	3 996 765	253.71	1014	540	280	136	26	4	1	6	6	4	6	3	2	Mar-20
Germany	83 517 045	2.98	249	64	37	21	19	22	11	5	8	6	24	21	11	Mar-20
Greece	10 473 455	3.44	36	12	5	0	0	6	9	1	1	0	1	1	0	Mar-20
Hungary	9 684 679	1.24	12	2	9	0	1	0	0	0	0	0	0	0	0	Mar-20
Iceland	339 031	5.90	2	0	0	0	1	0	0	0	0	1	0	0	0	Mar-20
Ireland	4 882 495	10.86	53	4	5	3	1	1	8	7	4	3	1	12	4	Mar-20
Israel	8 519 377	37.80	322	203	60	27	14	3	3	0	4	2	4	2	0	Mar-20
Italy	60 550 075	18.73	1134	309	236	216	152	77	20	7	10	12	52	34	9	Mar-20
Kazakhstan	18 551 427	584.38	10841	1963	1828	954	586	402	283	424	576	978	1192	1003	652	Mar-20
Kyrgyzstan	6 415 850	194.67	1249	374	101	52	24	18	22	2	5	54	159	202	236	Mar-20
Latvia	1 906 743	1.05	2	0	0	1	1	0	0	0	0	0	0	0	0	Mar-20
Lithuania	2 759 627	102.91	284	178	76	14	14	0	0	0	0	1	0	1	0	Mar-20
Luxembourg	615 729	9.74	6	4	1	0	0	0	0	1	0	0	0	0	0	Mar-20
Malta	440 372	70.40	31	13	11	3	1	0	0	0	1	0	0	2	0	Mar-20
Monaco	38 964	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Montenegro	627 987	0.00	0	0	0	0	0	0	0	0	0	0	-	-	-	Dec-19
Netherlands	17 097 130	3.98	68	2	13	17	10	17	3	0	4	0	1	1	0	Mar-20
North Macedonia	2 083 459	531.33	1107	428	467	166	31	12	2	1	0	0	0	-	-	Jan-20
Norway	5 378 857	2.42	13	4	2	1	0	2	0	0	0	0	3	1	0	Mar-20
Poland	37 887 768	19.82	751	289	249	124	41	9	5	6	2	8	5	7	6	Mar-20
Portugal	10 226 187	1.08	11	0	2	1	0	0	0	0	0	1	5	2	0	Mar-20
Republic of Moldova	4 043 263	21.76	88	3	14	19	11	10	2	2	8	2	2	1	14	Mar-20
Romania	19 364 557	76.27	1477	110	148	123	110	80	112	100	79	112	244	168	91	Mar-20
Russian Federation	145 872 256	18.67	2724	547	728	488	257	167	110	40	56	129	96	56	50	Mar-20
San Marino	33 860	295.33	10	9	0	0	1	0	0	0	0	0	0	0	-	Feb-20
Serbia	8 772 235	2.05	18	3	8	1	0	0	0	1	4	1	0	0	0	Mar-20
Slovakia	5 457 013	26.20	143	87	37	7	5	7	0	0	0	0	0	0	0	Mar-20
Slovenia	2 078 654	25.98	54	6	8	3	1	1	0	0	7	22	5	1	0	Mar-20
Spain	46 736 776	5.69	266	68	99	34	13	12	6	1	3	10	10	10	0	Mar-20
Sweden	10 036 379	1.99	20	7	3	2	2	0	1	0	0	0	2	3	0	Mar-20
Switzerland	8 591 365	15.71	135	54	29	2	0	2	5	0	2	11	15	11	4	Mar-20
Tajikistan	9 321 018	17.81	166	1	4	0	0	0	0	1	0	0	57	44	59	Mar-20
Turkey	83 429 615	30.48	2543	591	606	306	158	76	39	53	66	104	138	217	189	Mar-20
Turkmenistan	5 942 089	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Ukraine	43 993 638	530.12	23322	8686	7929	3443	1447	737	372	214	112	204	112	39	27	Mar-20
United Kingdom	67 530 172	10.25	692	119	129	115	87	42	29	49	15	26	50	23	8	Mar-20
Uzbekistan	32 981 716	149.66	4936	175	73	122	79	85	130	275	421	155	714	1606	1101	Mar-20
<b>Region</b>	<b>930 166 592</b>	<b>63.78</b>	<b>59328</b>	<b>16212</b>	<b>14713</b>	<b>7429</b>	<b>3607</b>	<b>1986</b>	<b>1274</b>	<b>1315</b>	<b>1503</b>	<b>1948</b>	<b>3120</b>	<b>3657</b>	<b>2564</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 April 2019—March 2020 (data as of 01 May 2020)**

Country	Total Population in 2019 <sup>1</sup>	Incidence Rate April 2019–March 2020 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report	
				Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20		
Albania	2 880 917	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Andorra	77 142	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Armenia	2 957 731	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Austria	8 955 102	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Azerbaijan	10 047 718	0.40	4	0	0	0	0	0	0	0	0	2	0	1	0	1	Mar-20
Belarus	9 452 411	0.11	1	0	0	0	0	0	0	0	0	0	0	0	0	1	Mar-20
Belgium <sup>2</sup>	11 539 328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 301 000	0.61	2	0	1	0	0	1	0	0	0	0	0	0	0	0	Mar-20
Bulgaria	7 000 119	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Croatia	4 130 304	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Cyprus	1 198 575	0.83	1	0	0	0	0	0	0	0	0	0	0	1	0	0	Mar-20
Czech Republic	10 689 209	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-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	0	Mar-20
Finland	5 532 156	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
France <sup>2</sup>	65 129 728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 996 765	1.25	5	1	0	1	1	0	1	1	0	0	0	0	0	0	Mar-20
Germany	83 517 045	0.59	49	4	5	5	11	6	3	1	4	3	1	3	3	3	Mar-20
Greece	10 473 455	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Hungary	9 684 679	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Iceland	339 031	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Ireland	4 882 495	0.41	2	1	0	0	0	0	0	0	0	0	1	0	0	0	Mar-20
Israel	8 519 377	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Italy	60 550 075	0.46	28	0	4	5	0	2	1	0	1	3	9	3	0	0	Mar-20
Kazakhstan	18 551 427	0.16	3	0	0	0	0	0	3	0	0	0	0	0	0	0	Mar-20
Kyrgyzstan	6 415 850	0.31	2	1	0	0	0	0	0	0	1	0	0	0	0	0	Mar-20
Latvia	1 906 743	0.52	1	1	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Lithuania	2 759 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Luxembourg	615 729	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Malta	440 372	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Monaco	38 964	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Montenegro	627 987	0.00	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	0	Mar-20
North Macedonia	2 083 459	0.00	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	1	0	0	Mar-20
Poland	37 887 768	6.70	254	29	37	21	26	15	9	25	22	7	32	19	12	12	Mar-20
Portugal	10 226 187	0.20	2	0	0	0	0	0	0	1	0	0	0	1	0	0	Mar-20
Republic of Moldova	4 043 263	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Romania	19 364 557	0.36	7	1	0	0	1	0	2	0	0	0	1	1	1	1	Mar-20
Russian Federation	145 872 256	0.16	23	3	13	3	3	0	0	0	0	0	0	1	0	0	Mar-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	0	Mar-20
Slovenia	2 078 654	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Spain	46 736 776	0.02	1	0	0	0	0	0	0	0	0	1	0	0	0	0	Mar-20
Sweden	10 036 379	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Switzerland	8 591 365	0.12	1	0	0	1	0	0	0	0	0	0	0	0	0	0	Mar-20
Tajikistan	9 321 018	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Turkey	83 429 615	0.56	47	9	9	4	2	5	3	2	3	2	4	2	2	2	Mar-20
Turkmenistan	5 942 089	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
Ukraine	43 993 638	2.20	97	17	12	2	6	15	12	7	0	8	6	11	1	1	Mar-20
United Kingdom	67 530 172	0.03	2	0	0	0	0	1	1	0	0	0	0	0	0	0	Mar-20
Uzbekistan	32 981 716	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-20
<b>Region</b>	<b>930 166 592</b>	<b>0.57</b>	<b>533</b>	<b>67</b>	<b>81</b>	<b>42</b>	<b>50</b>	<b>45</b>	<b>35</b>	<b>37</b>	<b>33</b>	<b>24</b>	<b>56</b>	<b>42</b>	<b>21</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–March 2020 (data as of 01 May 2020)**

Country	Total Population in 2019 <sup>1</sup>	2019 (as of 01 May 2020)			2020														
		Incidence Rate (per 1 million population)	Total measles cases <sup>2</sup>	Total measles death	Total measles cases <sup>2</sup>	Classification			Discarded Measles	Imported cases	Measles Death	Report			Surveillance Indicators <sup>6</sup>				
						Lab confirmed	Epi-Link	Clinically compatible <sup>3</sup>				Completeness <sup>4</sup>	Timeliness <sup>4</sup>	Month & year of last report	Laboratory investigation rate <sup>4</sup>	Rate of discarded cases <sup>5</sup>	Origin of infection <sup>4</sup>	Timeliness of investigation <sup>4</sup>	
Albania <sup>7</sup>	2 880 917	167.31	482	2	3	3	0	0	9	0	0	100%	100%	Mar-20	100%	-	0.3	100%	100%
Andorra	77 142	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	0.0	-	-
Armenia	2 957 731	2.37	7	0	0	0	0	0	18	-	-	100%	100%	Mar-20	100%	-	0.6	-	100%
Austria	8 955 102	16.86	151	0	14	12	1	1	1	2	0	100%	100%	Mar-20	93%	-	0.0	100%	7%
Azerbaijan	10 047 718	25.98	261	0	2	2	0	0	7	0	0	100%	100%	Mar-20	100%	-	0.1	100%	89%
Belarus <sup>7</sup>	9 452 411	20.21	191	0	0	0	0	0	71	-	-	100%	100%	Mar-20	100%	-	0.8	-	0%
Belgium	11 539 328	41.68	481	0	45	16	5	24	-	0	0	100%	100%	Mar-20	-	-	-	-	-
Bosnia and Herzegovina	3 301 000	424.42	1401	0	2	0	0	2	-	0	0	100%	100%	Mar-20	-	-	-	-	-
Bulgaria	7 000 119	178.14	1247	0	220	203	7	10	-	2	2	100%	100%	Mar-20	97%	-	-	1%	100%
Croatia	4 130 304	12.59	52	0	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	0.0	-	-
Cyprus	1 198 575	5.01	6	0	1	1	0	0	-	1	0	100%	67%	Mar-20	100%	-	-	100%	100%
Czech Republic	10 689 209	53.98	577	0	3	3	0	0	-	1	0	100%	100%	Mar-20	100%	-	-	100%	0%
Denmark	5 771 876	2.60	15	0	4	4	0	0	-	0	0	100%	100%	Mar-20	100%	-	-	100%	0%
Estonia	1 325 648	20.37	27	0	0	0	0	0	24	-	-	100%	100%	Mar-20	100%	-	1.8	-	100%
Finland	5 532 156	2.17	12	0	4	4	0	0	-	2	0	100%	100%	Mar-20	100%	-	-	75%	0%
France	65 129 728	40.49	2637	2	211	142	30	39	-	13	0	100%	100%	Mar-20	95%	-	-	80%	0%
Georgia	3 996 765	980.79	3920	2	11	11	0	0	20	0	0	100%	67%	Mar-20	94%	-	0.5	91%	94%
Germany	83 517 045	6.07	507	0	56	46	4	6	-	7	0	100%	100%	Mar-20	88%	-	-	84%	0%
Greece	10 473 455	4.30	45	0	2	2	0	0	0	0	0	100%	100%	Mar-20	100%	-	0.0	50%	0%
Hungary	9 684 679	2.37	23	1	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	0.0	-	-
Iceland	339 031	26.55	9	0	0	0	0	0	-	-	-	100%	100%	Mar-20	-	-	-	-	-
Ireland	4 882 495	14.95	73	0	17	2	0	15	-	2	0	100%	100%	Mar-20	29%	-	-	29%	12%
Israel	8 519 377	120.67	1028	0	6	6	0	0	-	0	0	100%	100%	Mar-20	100%	-	-	0%	83%
Italy	60 550 075	26.75	1620	1	95	73	11	11	19	9	0	100%	100%	Mar-20	91%	-	0.0	81%	0%
Kazakhstan	18 551 427	718.33	13326	21	2847	1808	900	139	-	0	4	100%	67%	Mar-20	-	-	-	-	-
Kyrgyzstan <sup>7</sup>	6 415 850	358.95	2303	0	597	122	280	195	129	18	1	100%	100%	Mar-20	34%	2.0	-	100%	99%
Latvia	1 906 743	1.05	2	0	0	0	0	0	-	-	-	100%	100%	Mar-20	-	-	-	-	-
Lithuania	2 759 627	301.49	832	0	1	1	0	0	-	1	0	100%	100%	Mar-20	100%	-	-	100%	100%
Luxembourg	615 729	38.98	24	0	0	0	0	0	2	-	-	100%	100%	Mar-20	100%	-	0.3	-	100%
Malta	440 372	72.67	32	0	2	2	0	0	-	0	0	100%	100%	Mar-20	100%	-	-	100%	0%
Monaco	38 964	0.00	0	-	0	0	0	0	0	-	-	100%	67%	Mar-20	-	-	0.0	-	-
Montenegro	627 987	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-19	-	-	-	-	-
Netherlands	17 097 130	4.91	84	0	2	2	0	0	-	1	0	100%	100%	Mar-20	100%	-	-	50%	0%
North Macedonia	2 083 459	904.27	1884	5	0	0	0	0	-	-	-	33%	33%	Jan-20	-	-	-	-	-
Norway	5 378 857	3.16	17	0	4	4	0	0	-	2	0	100%	100%	Mar-20	100%	-	-	75%	100%
Poland	37 887 768	36.08	1367	0	18	10	0	8	-	0	0	100%	100%	Mar-20	-	-	-	-	-
Portugal	10 226 187	0.98	10	0	7	6	0	1	9	5	0	100%	100%	Mar-20	88%	-	0.1	86%	94%
Republic of Moldova	4 043 263	22.01	89	0	17	17	0	0	4	1	0	100%	100%	Mar-20	100%	-	0.1	100%	95%
Romania	19 364 557	89.24	1728	5	503	285	151	67	-	0	0	100%	100%	Mar-20	83%	-	-	100%	34%
Russian Federation	145 872 256	28.57	4167	0	202	193	9	0	654	23	0	100%	100%	Mar-20	100%	-	0.4	100%	18%
San Marino	33 860	324.87	11	0	0	0	0	0	0	-	-	67%	33%	Feb-20	-	-	0.0	-	-
Serbia	8 772 235	2.39	21	0	0	0	0	0	-	-	-	100%	100%	Mar-20	-	-	-	-	-
Slovakia	5 457 013	57.17	312	0	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	0.0	-	-
Slovenia	2 078 654	23.09	48	0	6	6	0	0	-	1	0	100%	100%	Mar-20	100%	-	-	100%	100%
Spain	46 736 776	6.25	292	0	20	18	1	1	15	1	0	100%	100%	Mar-20	100%	-	0.0	95%	89%
Sweden	10 036 379	1.99	20	0	5	5	0	0	-	4	0	100%	100%	Mar-20	100%	-	-	100%	0%
Switzerland	8 591 365	26.65	229	2	30	26	4	0	66	7	0	100%	100%	Mar-20	100%	-	0.8	87%	33%
Tajikistan	9 321 018	0.75	7	0	160	88	72	0	69	0	0	100%	100%	Mar-20	100%	-	0.7	1%	100%
Turkey <sup>7</sup>	83 429 615	34.64	2890	3	544	544	0	0	871	1	1	100%	100%	Mar-20	100%	-	1.0	20%	98%
Turkmenistan <sup>7</sup>	5 942 089	0.00	0	-	0	0	0	0	12	-	-	100%	100%	Mar-20	100%	-	0.2	-	100%
Ukraine	43 993 638	1303.19	57332	20	178	54	7	117	-	1	0	100%	100%	Mar-20	33%	-	-	97%	99%
United Kingdom	67 530 172	13.06	882	1	81	81	0	0	-	7	0	100%	100%	Mar-20	100%	-	-	100%	0%
Uzbekistan	32 981 716	53.06	1750	0	3421	303	0	3118	0	228	0	100%	67%	Mar-20	10%	-	0.0	57%	88%
<b>Region</b>	<b>930 166 592</b>	<b>112.27</b>	<b>104431</b>	<b>65</b>	<b>9341</b>	<b>4105</b>	<b>1482</b>	<b>3754</b>	<b>2000</b>	<b>340</b>	<b>8</b>	<b>96%</b>	<b>92%</b>		<b>54%</b>	<b>0.4</b>	<b>63%</b>	<b>75%</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.

<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–March 2020 (data as of 01 May 2020)**

Country	Total Population in 2019 <sup>1</sup>	2019 (as of 01 May 2020)		2020												
		Incidence Rate (per 1 million population)	Total rubella cases <sup>2</sup>	Total rubella cases <sup>2</sup>	Classification			Discarded Rubella	Imported cases	Report			Surveillance Indicators <sup>6</sup>			
					Lab confirmed	Epi-Link	Clinically compatible <sup>3</sup>			Completeness <sup>4</sup>	Timeliness <sup>4</sup>	Month & year of last report	Laboratory investigation rate <sup>4</sup>	Rate of discarded cases <sup>5</sup>	Origin of infection <sup>4</sup>	Timeliness of investigation <sup>4</sup>
Albania <sup>7</sup>	2 880 917	0.00	0	0	0	0	0	9	-	100%	100%	Mar-20	100%	0.3	-	100%
Andorra	77 142	0.00	0	0	0	0	0	0	-	100%	100%	Mar-20	-	0.0	-	-
Armenia	2 957 731	0.00	0	0	0	0	0	0	-	100%	100%	Mar-20	-	0.0	-	-
Austria	8 955 102	0.00	0	0	0	0	0	-	-	100%	67%	Mar-20	-	-	-	-
Azerbaijan	10 047 718	0.20	2	2	2	0	0	1	0	100%	100%	Mar-20	33%	0.0	0%	100%
Belarus <sup>7</sup>	9 452 411	0.00	0	1	1	0	0	71	0	100%	100%	Mar-20	99%	0.8	0%	0%
Belgium <sup>8</sup>	11 539 328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 301 000	0.91	3	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Bulgaria	7 000 119	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Croatia	4 130 304	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Cyprus	1 198 575	0.00	0	1	1	0	0	-	0	100%	67%	Mar-20	100%	-	0%	0%
Czech Republic	10 689 209	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Denmark <sup>8</sup>	5 771 876	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 648	0.00	0	0	0	0	0	3	-	100%	100%	Mar-20	100%	0.2	-	100%
Finland	5 532 156	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
France <sup>8</sup>	65 129 728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 996 765	2.25	9	0	0	0	0	5	-	100%	67%	Mar-20	80%	0.1	-	100%
Germany	83 517 045	0.68	57	7	3	0	4	-	0	100%	100%	Mar-20	43%	-	57%	0%
Greece	10 473 455	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Hungary	9 684 679	0.00	0	0	0	0	0	0	-	100%	100%	Mar-20	-	0.0	-	-
Iceland	339 031	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Ireland	4 882 495	0.20	1	1	1	0	0	-	1	100%	100%	Mar-20	100%	-	100%	100%
Israel	8 519 377	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Italy	60 550 075	0.38	23	12	3	0	9	3	0	100%	100%	Mar-20	73%	0.0	17%	0%
Kazakhstan	18 551 427	0.27	5	0	0	0	0	-	-	100%	67%	Mar-20	-	-	-	-
Kyrgyzstan <sup>7</sup>	6 415 850	0.62	4	0	0	0	0	129	-	100%	100%	Mar-20	20%	2.0	-	97%
Latvia	1 906 743	1.05	2	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Lithuania	2 759 627	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Luxembourg	615 729	0.00	0	0	0	0	0	0	-	100%	100%	Mar-20	-	0.0	-	-
Malta	440 372	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Monaco	38 964	0.00	0	0	0	0	0	0	-	100%	67%	Mar-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%	Mar-20	-	-	-	-
North Macedonia	2 083 459	0.00	0	0	0	0	0	-	-	33%	33%	Jan-20	-	-	-	-
Norway	5 378 857	0.00	0	1	1	0	0	-	1	100%	100%	Mar-20	100%	-	100%	100%
Poland	37 887 768	7.71	292	63	0	0	63	-	0	100%	100%	Mar-20	-	-	-	-
Portugal	10 226 187	0.20	2	1	0	0	1	1	0	100%	100%	Mar-20	50%	0.0	0%	100%
Republic of Moldova	4 043 263	0.00	0	0	0	0	0	1	-	100%	100%	Mar-20	100%	0.0	-	100%
Romania	19 364 557	0.21	4	3	1	0	2	-	0	100%	100%	Mar-20	33%	-	100%	33%
Russian Federation	145 872 256	0.23	34	1	1	0	0	0	0	100%	100%	Mar-20	100%	0.0	100%	100%
San Marino	33 860	0.00	0	0	0	0	0	0	-	67%	33%	Feb-20	-	0.0	-	-
Serbia	8 772 235	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 457 013	0.00	0	0	0	0	0	0	-	100%	100%	Mar-20	-	0.0	-	-
Slovenia	2 078 654	0.00	0	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Spain	46 736 776	0.09	4	0	0	0	0	0	-	100%	100%	Mar-20	-	0.0	-	-
Sweden	10 036 379	0.00	0	0	0	0	0	0	-	100%	67%	Mar-20	-	0.0	-	-
Switzerland	8 591 365	0.12	1	0	0	0	0	4	-	100%	100%	Mar-20	100%	0.0	-	0%
Tajikistan	9 321 018	0.00	0	0	0	0	0	3	-	100%	100%	Mar-20	100%	0.0	-	100%
Turkey <sup>7</sup>	83 429 615	0.54	45	8	8	0	0	871	0	100%	100%	Mar-20	100%	1.0	75%	98%
Turkmenistan <sup>7</sup>	5 942 089	0.00	0	0	0	0	0	12	-	100%	100%	Mar-20	100%	0.2	-	100%
Ukraine	43 993 638	3.23	142	18	3	0	15	-	0	100%	100%	Mar-20	17%	-	94%	100%
United Kingdom	67 530 172	0.04	3	0	0	0	0	-	-	100%	100%	Mar-20	-	-	-	-
Uzbekistan	32 981 716	0.00	0	0	0	0	0	0	-	100%	67%	Mar-20	-	0.0	-	-
<b>Region</b>	<b>930 166 592</b>	<b>0.68</b>	<b>633</b>	<b>119</b>	<b>25</b>	<b>0</b>	<b>94</b>	<b>1113</b>	<b>2</b>	<b>89%</b>	<b>84%</b>		<b>89%</b>	<b>0.2</b>	<b>63%</b>	<b>90%</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> 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–March 2020 (data as of 01 May 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%	Mar-20
Andorra											No lab
Armenia	18	0 (0)	-	-	18	0 (0)	-	-	100%	100%	Mar-20
Austria	392	17 (4)	B3,D8	100%	1124	0 (0)	-	-	100%	100%	Mar-20
Azerbaijan	9	2 (22)	-	-	2	1 (50)	-	-	67%	67%	Feb-20
Belarus	47	0 (0)	-	-	47	0 (0)	-	-	67%	67%	Feb-20
Belgium	-	-	D8	30%	-	-	-	-	-	-	No report
Bosnia and Herzegovina	2	1 (50)	-	-	0	-	-	-	33%	33%	Jan-20
Bulgaria	212	166 (78)	-	-	36	0 (0)	-	-	67%	33%	Feb-20
Croatia	10	0 (0)	-	-	0	-	-	-	67%	67%	Feb-20
Cyprus	-	-	-	-	-	-	-	-	-	-	No report
Czech Republic	24	6 (25)	-	-	10	1 (10)	-	-	100%	100%	Mar-20
Denmark	125	12 (10)	D8	100%	5	0 (0)	-	-	100%	100%	Mar-20
Estonia	62	0 (0)	-	-	50	0 (0)	-	-	67%	67%	Feb-20
Finland	34	9 (26)	B3	100%	32	0 (0)	-	-	100%	100%	Mar-20
France	-	-	-	-	-	-	-	-	-	-	No Report
Georgia	36	10 (28)	-	-	21	0 (0)	-	-	100%	67%	Mar-20
Germany	178	62 (35)	B3,D8	100%	56	4 (7)	-	-	100%	100%	Mar-20
Greece	0	-	-	-	0	-	-	-	33%	33%	Jan-20
Hungary	27	0 (0)	-	-	29	0 (0)	-	-	100%	100%	Mar-20
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	136	1 (1)	-	-	259	0 (0)	-	-	33%	33%	Jan-20
Israel	213	18 (8)	-	-	350	70 (20)	-	-	100%	67%	Mar-20
Italy	311	137 (44)	B3,D8	60%	179	12 (7)	-	-	100%	100%	Mar-20
Kazakhstan	2152	1803 (84)	-	-	71	0 (0)	-	-	100%	67%	Mar-20
Kyrgyzstan	67	44 (66)	B3,D8	0%	66	0 (0)	-	-	100%	100%	Mar-20
Latvia	44	5 (11)	-	-	68	0 (0)	-	-	67%	67%	Feb-20
Lithuania	100	7 (7)	-	-	90	0 (0)	-	-	100%	100%	Mar-20
Luxembourg	3	0 (0)	-	-	0	-	-	-	100%	100%	Mar-20
Malta	10	3 (30)	-	-	106	0 (0)	-	-	67%	33%	Feb-20
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	-	-	D8	100%	-	-	-	-	-	-	No report
North Macedonia	-	-	-	-	-	-	-	-	-	-	No report
Norway	-	-	D8	100%	-	-	-	-	67%	67%	Feb-20
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	57	17 (30)	D8	0%	3	0 (0)	-	-	100%	100%	Mar-20
Republic of Moldova	7	2 (29)	-	-	7	0 (0)	-	-	67%	67%	Feb-20
Romania	315	230 (73)	-	-	81	0 (0)	-	-	67%	67%	Mar-20
Russian Federation	1806	917 (51)	-	-	1635	14 (1)	-	-	100%	100%	Mar-20
San Marino											No lab
Serbia	7	0 (0)	-	-	7	1 (14)	-	-	100%	100%	Mar-20
Slovakia	7	0 (0)	-	-	5	0 (0)	-	-	67%	67%	Mar-20
Slovenia	202	12 (6)	D8	100%	67	0 (0)	-	-	67%	67%	Feb-20
Spain	-	-	B3	33%	-	-	-	-	-	-	No report
Sweden	323	16 (5)	B3,D8	80%	363	3 (1)	-	-	67%	67%	Feb-20
Switzerland	103	44 (43)	D8	100%	3	3 (100)	-	-	100%	100%	Mar-20
Tajikistan	72	34 (47)	D8	0%	71	0 (0)	-	-	67%	67%	Feb-20
Turkey	2974	804 (27)	-	-	2407	50 (2)	-	-	100%	67%	Mar-20
Turkmenistan	13	0 (0)	-	-	13	0 (0)	-	-	100%	100%	Mar-20
Ukraine	78	20 (26)	-	-	78	4 (5)	-	-	100%	67%	Mar-20
United Kingdom	522	49 (9)	B3,D8	98%	201	0 (0)	-	-	67%	67%	Feb-20
Uzbekistan	153	136 (89)	-	-	153	0 (0)	-	-	67%	67%	Feb-20
<b>Region</b>	<b>10865</b>	<b>4587 (42)</b>	<b>-</b>	<b>74%</b>	<b>7713</b>	<b>163 (2)</b>	<b>-</b>	<b>-</b>	<b>64%</b>	<b>59%</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.

