

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 2020—March 2021 (data as of 05 May 2021)**

Country	Total Population in 2020 <sup>1</sup>	Incidence Rate April 2020–March 2021 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	
Albania	2 877 797	0.35	1	0	0	0	0	0	0	0	0	1	0	0	0	Mar-21
Andorra	77 265	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Armenia	2 963 243	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Austria	9 006 398	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Azerbaijan	10 139 177	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Belarus	9 449 323	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Belgium	11 589 623	1.81	21	3	0	1	3	1	2	3	2	1	0	0	5	Mar-21
Bosnia and Herzegovina	3 280 819	0.61	2	2	0	0	0	0	0	0	-	-	-	-	-	Oct-20
Bulgaria	6 948 445	2.45	17	16	1	0	0	0	0	0	0	0	0	0	0	Mar-21
Croatia	4 105 267	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-21
Cyprus	1 207 359	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Czech Republic	10 708 981	0.09	1	0	1	0	0	0	0	0	0	0	0	0	0	Mar-21
Denmark	5 792 202	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Estonia	1 326 535	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Finland	5 540 720	0.18	1	1	0	0	0	0	0	0	0	0	0	0	0	Mar-21
France	65 273 511	0.23	15	3	1	0	1	2	0	0	0	3	2	2	1	Mar-21
Georgia	3 989 167	2.26	9	2	1	0	1	1	1	0	1	2	0	0	0	Mar-21
Germany	83 783 942	0.02	2	0	0	0	0	0	0	1	0	0	1	0	-	Feb-21
Greece	10 423 054	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Hungary	9 660 351	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Iceland	341 243	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Ireland	4 937 786	1.42	7	0	0	0	1	1	1	2	1	0	1	0	0	Mar-21
Israel	8 655 535	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Italy	60 461 826	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Kazakhstan	18 776 707	22.53	423	354	63	1	0	3	0	0	1	0	1	0	0	Mar-21
Kyrgyzstan	6 524 195	11.50	75	60	13	0	0	0	0	0	0	2	0	0	0	Mar-21
Latvia	1 886 198	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Lithuania	2 722 289	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Luxembourg	625 978	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Malta	441 543	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Monaco	39 242	0.00	0	0	0	0	-	0	0	0	-	0	0	0	0	Mar-21
Montenegro	628 066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	17 134 872	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
North Macedonia	2 083 374	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-21
Norway	5 421 241	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Poland	37 846 611	0.26	10	1	1	1	0	0	1	1	0	0	0	0	5	Mar-21
Portugal	10 196 709	0.20	2	0	2	0	0	0	0	0	0	0	0	0	0	Mar-21
Republic of Moldova	4 033 963	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Romania	19 237 691	7.80	150	92	37	16	1	4	0	0	0	0	0	0	0	Mar-21
Russian Federation	145 934 462	1.40	205	177	28	0	0	0	0	0	0	0	0	0	0	Mar-21
San Marino	33 931	0.00	0	0	0	0	0	0	0	-	-	-	-	-	-	Sep-20
Serbia	8 737 371	0.11	1	0	0	0	0	0	0	0	0	0	1	0	0	Mar-21
Slovakia	5 459 642	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-21
Slovenia	2 078 938	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Spain	46 754 778	0.06	3	0	0	3	0	0	0	0	0	0	0	0	0	Mar-21
Sweden	10 099 265	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Switzerland	8 654 622	0.35	3	3	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Tajikistan	9 537 645	0.84	8	8	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Turkey	84 339 067	0.82	69	37	11	3	4	1	0	4	3	0	4	0	2	Mar-21
Turkmenistan	6 031 200	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Ukraine	43 733 762	0.85	37	11	1	2	2	4	4	4	3	0	0	4	2	Mar-21
United Kingdom	67 886 011	0.04	3	0	2	0	0	0	0	0	0	0	0	0	1	Mar-21
Uzbekistan	33 469 203	13.33	446	403	43	0	0	0	0	0	0	0	0	0	-	Feb-21
<b>Region</b>	<b>932 888 145</b>	<b>1.62</b>	<b>1511</b>	<b>1173</b>	<b>205</b>	<b>27</b>	<b>13</b>	<b>17</b>	<b>9</b>	<b>15</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>16</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 2020—March 2021 (data as of 05 May 2021)**

Country	Total Population in 2020 <sup>1</sup>	Incidence Rate April 2020-March 2021 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	
Albania	2 877 797	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Andorra	77 265	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Armenia	2 963 243	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Austria	9 006 398	0.11	1	0	0	1	0	0	0	0	0	0	0	0	0	Mar-21
Azerbaijan	10 139 177	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Belarus	9 449 323	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Belgium <sup>2</sup>	11 589 623	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 280 819	0.00	0	0	0	0	0	0	0	0	-	-	-	-	-	Oct-20
Bulgaria	6 948 445	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Croatia	4 105 267	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-21
Cyprus	1 207 359	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Czech Republic	10 708 981	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Denmark <sup>2</sup>	5 792 202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 326 535	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Finland	5 540 720	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
France <sup>2</sup>	65 273 511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 989 167	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Germany	83 783 942	0.12	10	3	1	1	0	2	1	0	1	0	1	0	-	Feb-21
Greece	10 423 054	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Hungary	9 660 351	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Iceland	341 243	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Ireland	4 937 786	0.20	1	1	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Israel	8 655 535	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Italy	60 461 826	0.03	2	0	0	0	0	0	0	0	0	2	0	0	0	Mar-21
Kazakhstan	18 776 707	0.05	1	0	0	0	1	0	0	0	0	0	0	0	0	Mar-21
Kyrgyzstan	6 524 195	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Latvia	1 886 198	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Lithuania	2 722 289	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Luxembourg	625 978	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Malta	441 543	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Monaco	39 242	0.00	0	0	0	0	-	0	0	0	-	0	0	0	0	Mar-21
Montenegro	628 066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	17 134 872	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
North Macedonia	2 083 374	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-21
Norway	5 421 241	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Poland	37 846 611	1.22	46	6	3	5	6	3	3	2	3	5	2	4	4	Mar-21
Portugal	10 196 709	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Republic of Moldova	4 033 963	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Romania	19 237 691	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Russian Federation	145 934 462	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
San Marino	33 931	0.00	0	0	0	0	0	0	0	-	-	-	-	-	-	Sep-20
Serbia	8 737 371	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No report
Slovakia	5 459 642	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-21
Slovenia	2 078 938	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Spain	46 754 778	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Sweden	10 099 265	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Switzerland	8 654 622	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Tajikistan	9 537 645	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Turkey	84 339 067	0.09	8	1	0	2	0	0	0	1	0	2	0	0	2	Mar-21
Turkmenistan	6 031 200	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Ukraine	43 733 762	0.39	17	3	1	2	2	0	0	0	1	8	0	0	0	Mar-21
United Kingdom	67 886 011	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-21
Uzbekistan	33 469 203	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-21
<b>Region</b>	<b>932 888 145</b>	<b>0.09</b>	<b>86</b>	<b>14</b>	<b>5</b>	<b>11</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>10</b>	<b>11</b>	<b>4</b>	<b>6</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 2021 (data as of 05 May 2021)**

Country	Total Population in 2020 <sup>1</sup>	2020 (as of 05 May 2021)			2021														
		Incidence Rate (per 1 million population)	Total measles cases <sup>2</sup>	Total measles deaths	Total measles cases <sup>2</sup>	Classification			Discarded measles	Imported cases	Measles deaths	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>	2 877 797	1.39	4	0	0	0	0	0	1	-	-	100%	100%	Mar-21	100%	0.0	-	100%	
Andorra	77 265	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Mar-21	-	0.0	-	-	
Armenia	2 963 243	0.00	0	-	0	0	0	0	2	-	-	100%	100%	Mar-21	100%	0.1	-	100%	
Austria	9 006 398	2.79	25	0	0	0	0	0	0	-	-	100%	100%	Mar-21	-	0.0	-	-	
Azerbaijan	10 139 177	0.20	2	0	0	0	0	0	2	-	-	100%	100%	Mar-21	100%	0.0	-	100%	
Belarus <sup>7</sup>	9 449 323	0.00	0	-	0	0	0	0	51	-	-	100%	100%	Mar-21	100%	0.5	-	0%	
Belgium	11 589 623	5.20	60	0	5	1	0	4	-	-	0	100%	100%	Mar-21	-	-	-	-	
Bosnia and Herzegovina	3 280 819	1.21	4	0	-	-	-	-	-	-	-	0%	0%	Oct-20	-	-	-	-	
Bulgaria	6 948 445	35.00	245	2	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Croatia	4 105 267	0.00	0	-	0	0	0	0	0	-	-	67%	67%	Feb-21	-	0.0	-	-	
Cyprus	1 207 359	0.83	1	0	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Czech Republic	10 708 981	0.37	4	0	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Denmark	5 792 202	0.69	4	0	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Estonia	1 326 535	0.00	0	-	0	0	0	0	6	-	-	100%	100%	Mar-21	100%	0.5	-	100%	
Finland	5 540 720	0.90	5	0	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
France	65 273 511	3.68	240	0	5	3	0	2	-	1	0	100%	67%	Mar-21	60%	-	100%	0%	
Georgia	3 989 167	5.00	20	0	0	0	0	0	7	-	-	100%	100%	Mar-21	100%	0.2	-	100%	
Germany	83 783 942	0.87	73	0	1	1	0	0	-	0	0	67%	67%	Feb-21	100%	-	100%	0%	
Greece	10 423 054	0.19	2	0	0	0	0	0	0	-	-	100%	67%	Mar-21	-	0.0	-	-	
Hungary	9 660 351	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Mar-21	-	0.0	-	-	
Iceland	341 243	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Ireland	4 937 786	3.89	19	0	1	0	0	1	-	0	0	100%	100%	Mar-21	0%	-	0%	0%	
Israel	8 655 535	0.70	6	0	0	0	0	0	-	-	-	100%	67%	Mar-21	-	-	-	-	
Italy	60 461 826	1.70	103	0	0	0	0	0	3	-	-	100%	67%	Mar-21	33%	0.0	-	0%	
Kazakhstan	18 776 707	176.21	3269	5	1	1	0	0	-	-	0	100%	100%	Mar-21	-	-	-	-	
Kyrgyzstan <sup>7</sup>	6 524 195	111.29	714	1	0	0	0	0	0	-	-	100%	33%	Mar-21	-	0.0	-	-	
Latvia	1 886 198	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Lithuania	2 722 289	0.36	1	0	0	0	0	0	-	-	-	100%	67%	Mar-21	-	-	-	-	
Luxembourg	625 978	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Mar-21	-	0.0	-	-	
Malta	441 543	4.54	2	0	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Monaco	39 242	0.00	0	-	0	0	0	0	0	-	-	100%	67%	Mar-21	-	0.0	-	-	
Montenegro	628 066	-	-	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-	
Netherlands	17 134 872	0.12	2	0	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
North Macedonia	2 083 374	0.00	0	-	0	0	0	0	-	-	-	67%	33%	Feb-21	-	-	-	-	
Norway	5 421 241	0.74	4	0	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Poland	37 846 611	0.79	30	0	5	2	0	3	-	-	0	100%	100%	Mar-21	-	-	-	-	
Portugal	10 196 709	0.78	8	0	0	0	0	0	0	-	-	100%	100%	Mar-21	-	0.0	-	-	
Republic of Moldova	4 033 963	4.20	17	0	0	0	0	0	7	-	-	100%	100%	Mar-21	100%	0.2	-	100%	
Romania	19 237 691	50.40	976	0	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Russian Federation	145 934 462	7.54	1100	0	0	0	0	0	273	-	-	100%	100%	Mar-21	100%	0.2	-	1%	
San Marino	33 931	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Sep-20	-	-	-	-	
Serbia	8 737 371	0.00	0	-	1	1	0	0	-	-	0	100%	100%	Mar-21	-	-	-	-	
Slovakia	5 459 642	0.00	0	-	0	0	0	0	0	-	-	67%	67%	Feb-21	-	0.0	-	-	
Slovenia	2 078 938	2.89	6	0	0	0	0	0	-	-	-	100%	67%	Mar-21	-	-	-	-	
Spain	46 754 778	1.99	93	0	0	0	0	0	2	-	-	100%	100%	Mar-21	100%	0.0	-	100%	
Sweden	10 099 265	0.50	5	0	0	0	0	0	-	-	-	100%	100%	Mar-21	-	-	-	-	
Switzerland	8 654 622	3.84	33	0	0	0	0	0	14	-	-	100%	100%	Mar-21	100%	0.2	-	14%	
Tajikistan	9 537 645	18.02	168	0	0	0	0	0	21	-	-	100%	100%	Mar-21	100%	0.2	-	100%	
Turkey <sup>7</sup>	84 339 067	7.32	611	2	6	6	0	0	168	0	0	100%	100%	Mar-21	100%	0.2	50%	98%	
Turkmenistan <sup>7</sup>	6 031 200	0.00	0	-	0	0	0	0	18	-	-	100%	100%	Mar-21	100%	0.3	-	100%	
Ukraine	43 733 762	4.80	211	0	6	2	0	4	18	0	0	100%	100%	Mar-21	58%	0.0	100%	100%	
United Kingdom	67 886 011	1.24	84	0	1	1	0	0	-	1	0	100%	100%	Mar-21	100%	-	100%	0%	
Uzbekistan	33 469 203	122.89	4053	0	0	0	0	0	0	-	-	67%	33%	Feb-21	-	0.0	-	-	
<b>Region</b>	<b>932 888 145</b>	<b>13.12</b>	<b>12204</b>	<b>10</b>	<b>32</b>	<b>18</b>	<b>0</b>	<b>14</b>	<b>593</b>	<b>2</b>	<b>0</b>	<b>91%</b>	<b>84%</b>		<b>98%</b>	<b>0.1</b>	<b>80%</b>	<b>43%</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 2021 (data as of 05 May 2021)**

Country	Total Population in 2020 <sup>1</sup>	2020 (as of 05 May 2021)		2021												
		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>	2 877 797	0.00	0	0	0	0	0	1	-	100%	100%	Mar-21	100%	0.0	-	100%
Andorra	77 265	0.00	0	0	0	0	0	0	-	100%	100%	Mar-21	-	0.0	-	-
Armenia	2 963 243	0.00	0	0	0	0	0	0	-	100%	100%	Mar-21	-	0.0	-	-
Austria	9 006 398	0.11	1	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Azerbaijan	10 139 177	0.30	3	0	0	0	0	1	-	100%	100%	Mar-21	100%	0.0	-	100%
Belarus <sup>7</sup>	9 449 323	0.11	1	0	0	0	0	51	-	100%	100%	Mar-21	100%	0.5	-	0%
Belgium <sup>8</sup>	11 589 623	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 280 819	0.00	0	-	-	-	-	-	-	0%	0%	Oct-20	-	-	-	-
Bulgaria	6 948 445	0.00	0	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Croatia	4 105 267	0.00	0	0	0	0	0	-	-	67%	67%	Feb-21	-	-	-	-
Cyprus	1 207 359	0.83	1	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Czech Republic	10 708 981	0.00	0	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Denmark <sup>8</sup>	5 792 202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 326 535	0.00	0	0	0	0	0	3	-	100%	100%	Mar-21	100%	0.2	-	100%
Finland	5 540 720	0.00	0	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
France <sup>8</sup>	65 273 511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 989 167	0.00	0	0	0	0	0	2	-	100%	100%	Mar-21	50%	0.1	-	100%
Germany	83 783 942	0.20	17	1	0	0	1	-	0	67%	67%	Feb-21	0%	-	100%	0%
Greece	10 423 054	0.00	0	0	0	0	0	-	-	100%	67%	Mar-21	-	-	-	-
Hungary	9 660 351	0.00	0	0	0	0	0	0	-	100%	100%	Mar-21	-	0.0	-	-
Iceland	341 243	0.00	0	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Ireland	4 937 786	0.41	2	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Israel	8 655 535	0.00	0	0	0	0	0	-	-	100%	67%	Mar-21	-	-	-	-
Italy	60 461 826	0.25	15	0	0	0	0	0	-	100%	67%	Mar-21	-	0.0	-	-
Kazakhstan	18 776 707	0.05	1	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Kyrgyzstan <sup>7</sup>	6 524 195	0.00	0	0	0	0	0	0	-	100%	33%	Mar-21	-	0.0	-	-
Latvia	1 886 198	0.00	0	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Lithuania	2 722 289	0.00	0	0	0	0	0	-	-	100%	67%	Mar-21	-	-	-	-
Luxembourg	625 978	0.00	0	0	0	0	0	0	-	100%	100%	Mar-21	-	0.0	-	-
Malta	441 543	0.00	0	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Monaco	39 242	0.00	0	0	0	0	0	0	-	100%	67%	Mar-21	-	0.0	-	-
Montenegro	628 066	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Netherlands	17 134 872	0.00	0	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
North Macedonia	2 083 374	0.00	0	0	0	0	0	-	-	67%	33%	Feb-21	-	-	-	-
Norway	5 421 241	0.19	1	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Poland	37 846 611	2.53	96	10	0	0	10	-	-	100%	100%	Mar-21	-	-	-	-
Portugal	10 196 709	0.10	1	0	0	0	0	1	-	100%	100%	Mar-21	100%	0.0	-	0%
Republic of Moldova	4 033 963	0.00	0	0	0	0	0	0	-	100%	100%	Mar-21	-	0.0	-	-
Romania	19 237 691	0.15	3	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Russian Federation	145 934 462	0.02	3	0	0	0	0	0	-	100%	100%	Mar-21	-	0.0	-	-
San Marino	33 931	0.00	0	-	-	-	-	-	-	0%	0%	Sep-20	-	-	-	-
Serbia	8 737 371	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 459 642	0.00	0	0	0	0	0	0	-	67%	67%	Feb-21	-	0.0	-	-
Slovenia	2 078 938	0.00	0	0	0	0	0	-	-	100%	67%	Mar-21	-	-	-	-
Spain	46 754 778	0.00	0	0	0	0	0	0	-	100%	100%	Mar-21	-	0.0	-	-
Sweden	10 099 265	0.00	0	0	0	0	0	0	-	100%	100%	Mar-21	-	0.0	-	-
Switzerland	8 654 622	0.00	0	0	0	0	0	14	-	100%	100%	Mar-21	93%	0.2	-	14%
Tajikistan	9 537 645	0.00	0	0	0	0	0	2	-	100%	100%	Mar-21	100%	0.0	-	100%
Turkey <sup>7</sup>	84 339 067	0.18	15	2	2	0	0	168	0	100%	100%	Mar-21	100%	0.2	100%	96%
Turkmenistan <sup>7</sup>	6 031 200	0.00	0	0	0	0	0	18	-	100%	100%	Mar-21	100%	0.3	-	100%
Ukraine	43 733 762	0.61	27	8	1	0	7	14	0	100%	100%	Mar-21	64%	0.0	100%	100%
United Kingdom	67 886 011	0.00	0	0	0	0	0	-	-	100%	100%	Mar-21	-	-	-	-
Uzbekistan	33 469 203	0.00	0	0	0	0	0	0	-	67%	33%	Feb-21	-	0.0	-	-
<b>Region</b>	<b>932 888 145</b>	<b>0.20</b>	<b>187</b>	<b>21</b>	<b>3</b>	<b>0</b>	<b>18</b>	<b>275</b>	<b>0</b>	<b>84%</b>	<b>77%</b>		<b>97%</b>	<b>0.1</b>	<b>100%</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: 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 2021 (data as of 05 May 2021)**

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	1	0 (0)	-	-	0	-	-	-	100%	67%	Mar-21
Andorra											No lab
Armenia	0	-	-	-	0	-	-	-	67%	33%	Feb-21
Austria	280	0 (0)	-	-	1177	0 (0)	-	-	100%	100%	Mar-21
Azerbaijan	2	0 (0)	-	-	1	0 (0)	-	-	67%	33%	Mar-21
Belarus	-	-	-	-	-	-	-	-	-	-	No report
Belgium	-	-	-	-	-	-	-	-	-	-	No report
Bosnia and Herzegovina	-	-	-	-	-	-	-	-	-	-	No report
Bulgaria	6	0 (0)	-	-	6	0 (0)	-	-	100%	100%	Mar-21
Croatia	0	-	-	-	0	-	-	-	100%	67%	Mar-21
Cyprus	1	0 (0)	-	-	11	0 (0)	-	-	33%	33%	Jan-21
Czech Republic	2	0 (0)	-	-	2	0 (0)	-	-	100%	100%	Mar-21
Denmark	73	1 (1)	-	-	4	1 (25)	-	-	100%	100%	Mar-21
Estonia	12	0 (0)	-	-	5	0 (0)	-	-	100%	67%	Mar-21
Finland	1	0 (0)	-	-	2	0 (0)	-	-	100%	67%	Mar-21
France	-	-	-	-	-	-	-	-	-	-	No report
Georgia	4	0 (0)	-	-	4	1 (25)	-	-	67%	33%	Feb-21
Germany	20	0 (0)	-	-	7	0 (0)	-	-	100%	100%	Mar-21
Greece	-	-	-	-	-	-	-	-	-	-	No report
Hungary	12	0 (0)	-	-	12	0 (0)	-	-	100%	100%	Mar-21
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	78	0 (0)	-	-	630	0 (0)	-	-	100%	100%	Mar-21
Israel	27	0 (0)	-	-	189	62 (33)	-	-	67%	33%	Feb-21
Italy	31	0 (0)	-	-	14	0 (0)	-	-	100%	100%	Mar-21
Kazakhstan	27	1 (4)	-	-	10	0 (0)	-	-	100%	100%	Mar-21
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	25	0 (0)	-	-	39	0 (0)	-	-	100%	100%	Mar-21
Lithuania	10	0 (0)	-	-	10	1 (10)	-	-	100%	100%	Mar-21
Luxembourg	1	0 (0)	-	-	0	-	-	-	100%	67%	Mar-21
Malta	-	-	-	-	-	-	-	-	-	-	No report
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	-	-	-	-	-	-	-	-	-	-	No report
North Macedonia	-	-	-	-	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	67%	67%	Mar-21
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	0	-	-	-	0	-	-	-	100%	100%	Mar-21
Republic of Moldova	7	0 (0)	-	-	7	0 (0)	-	-	100%	100%	Mar-21
Romania	3	0 (0)	-	-	4	0 (0)	-	-	100%	33%	Mar-21
Russian Federation	357	6 (2)	-	-	354	1 (0)	-	-	100%	100%	Mar-21
San Marino											No lab
Serbia	4	1 (25)	-	-	4	0 (0)	-	-	67%	67%	Feb-21
Slovakia	0	-	-	-	2	0 (0)	-	-	100%	100%	Mar-21
Slovenia	8	0 (0)	-	-	3	0 (0)	-	-	100%	100%	Mar-21
Spain	-	-	-	-	-	-	-	-	-	-	No report
Sweden	218	2 (1)	-	-	532	6 (1)	-	-	100%	100%	Mar-21
Switzerland	14	1 (7)	-	-	7	7 (100)	-	-	100%	100%	Mar-21
Tajikistan	5	0 (0)	-	-	5	0 (0)	-	-	33%	33%	Jan-21
Turkey	381	22 (6)	-	-	346	27 (8)	-	-	100%	67%	Mar-21
Turkmenistan	-	-	-	-	-	-	-	-	-	-	No report
Ukraine	17	0 (0)	-	-	17	0 (0)	-	-	100%	100%	Mar-21
United Kingdom	136	1 (1)	B3	100%	121	0 (0)	-	-	100%	33%	Mar-21
Uzbekistan	-	-	-	-	-	-	-	-	-	-	No report
<b>Region</b>	<b>1763</b>	<b>35 (2)</b>	<b>-</b>	<b>100%</b>	<b>3525</b>	<b>106 (3)</b>	<b>-</b>	<b>-</b>	<b>60%</b>	<b>51%</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.

