

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 December 2019—November 2020 (data as of 06 January 2021)

Country	Total Population in 2020 ¹	Incidence Rate December 2019–November 2020 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report	
				Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20		
Albania	2 877 797	1.39	4	1	2	1	0	0	0	0	0	0	0	0	0	0	Nov-20
Andorra	77 265	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Armenia	2 963 243	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Austria	9 006 398	3.11	28	3	2	11	12	0	0	0	0	0	0	0	0	-	Oct-20
Azerbaijan	10 139 177	0.30	3	0	0	2	0	0	0	0	0	0	0	0	1	0	Nov-20
Belarus	9 449 323	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Belgium	11 589 623	6.64	77	15	29	13	2	3	0	1	3	2	2	3	4	Nov-20	
Bosnia and Herzegovina	3 280 819	1.52	5	1	2	0	0	2	0	0	0	0	0	0	-	Oct-20	
Bulgaria	6 948 445	41.16	286	41	94	80	54	16	1	0	0	0	0	0	0	Nov-20	
Croatia	4 105 267	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20	
Cyprus	1 207 359	0.83	1	0	0	1	0	0	0	0	0	0	0	0	0	Nov-20	
Czech Republic	10 708 981	0.37	4	0	1	2	0	0	1	0	0	0	0	0	0	Nov-20	
Denmark	5 792 202	0.69	4	0	4	0	0	0	0	0	0	0	0	0	0	Nov-20	
Estonia	1 326 535	0.75	1	1	0	0	0	0	0	0	0	0	0	0	0	Nov-20	
Finland	5 540 720	0.90	5	0	2	2	0	1	0	0	0	0	0	0	0	Nov-20	
France	65 273 511	4.14	270	40	86	76	61	3	1	0	0	1	0	2	0	Nov-20	
Georgia	3 989 167	5.51	22	4	6	3	2	2	1	0	1	1	1	0	1	Nov-20	
Germany	83 783 942	0.94	79	6	25	27	20	0	0	0	0	0	0	1	0	Nov-20	
Greece	10 423 054	0.19	2	0	1	1	0	0	0	0	0	0	0	0	0	Nov-20	
Hungary	9 660 351	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20	
Iceland	341 243	2.93	1	1	0	0	0	0	0	0	0	0	0	0	0	Nov-20	
Ireland	4 937 786	5.47	27	3	1	12	4	1	0	0	1	1	1	2	1	Nov-20	
Israel	8 655 535	0.92	8	2	4	2	0	0	0	0	0	0	0	0	-	Oct-20	
Italy	60 461 826	1.89	114	12	52	41	9	0	0	0	0	0	0	0	0	Nov-20	
Kazakhstan	18 776 707	226.18	4247	978	1192	1003	652	354	63	1	0	3	0	0	1	Nov-20	
Kyrgyzstan	6 524 195	116.49	760	54	159	202	273	59	13	0	0	0	0	0	0	Nov-20	
Latvia	1 886 198	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20	
Lithuania	2 722 289	0.73	2	1	0	1	0	0	0	0	-	-	-	-	-	Jun-20	
Luxembourg	625 978	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20	
Malta	441 543	4.53	2	0	0	2	0	0	0	0	0	0	0	0	0	Nov-20	
Monaco	39 242	0.00	0	0	0	0	0	0	0	0	-	0	0	0	-	Oct-20	
Montenegro	628 066	0.00	0	0	-	-	-	-	-	-	-	-	-	-	-	Dec-19	
Netherlands	17 134 872	0.12	2	0	1	1	0	0	0	0	0	0	0	0	0	Nov-20	
North Macedonia	2 083 374	0.00	0	0	0	0	0	0	0	0	0	0	-	-	-	Aug-20	
Norway	5 421 241	0.74	4	0	3	1	0	0	0	0	0	0	0	0	0	Nov-20	
Poland	37 846 611	1.03	39	8	6	10	9	1	1	1	0	0	1	2	0	Nov-20	
Portugal	10 196 709	0.88	9	1	4	2	0	0	2	0	0	0	0	0	0	Nov-20	
Republic of Moldova	4 033 963	4.71	19	2	2	1	14	0	0	0	0	0	0	0	0	Nov-20	
Romania	19 237 691	56.87	1094	118	334	259	233	92	37	16	1	4	0	0	0	Nov-20	
Russian Federation	145 934 462	8.45	1233	133	184	273	438	177	28	0	0	0	0	0	0	Nov-20	
San Marino	33 931	0.00	0	0	0	0	0	0	0	0	0	-	0	-	-	Sep-20	
Serbia	8 737 371	0.11	1	1	0	0	0	0	0	0	0	0	0	0	0	Nov-20	
Slovakia	5 459 642	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20	
Slovenia	2 078 938	13.47	28	22	5	1	0	0	0	0	0	0	0	0	0	Nov-20	
Spain	46 754 778	2.20	103	10	35	35	20	0	0	3	0	0	0	0	0	Nov-20	
Sweden	10 099 265	0.50	5	0	2	3	0	0	0	0	0	0	0	0	0	Nov-20	
Switzerland	8 654 622	5.08	44	11	14	12	4	3	0	0	0	0	0	-	0	Nov-20	
Tajikistan	9 537 645	17.61	168	0	57	44	59	8	0	0	0	0	0	0	0	Nov-20	
Turkey	84 339 067	8.48	715	104	139	217	192	37	11	3	4	1	0	4	3	Nov-20	
Turkmenistan	6 031 200	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20	
Ukraine	43 733 762	9.49	415	204	111	39	30	11	1	2	2	4	4	4	3	Nov-20	
United Kingdom	67 886 011	1.62	110	26	50	23	9	0	2	0	0	0	0	0	0	Nov-20	
Uzbekistan	33 469 203	125.73	4208	155	712	1618	1277	403	43	0	0	0	0	0	-	Oct-20	
Region	932 888 145	15.17	14149	1958	3321	4021	3374	1173	205	27	12	17	9	19	13		

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.

¹ 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 December 2019—November 2020 (data as of 06 January 2021)

Country	Total Population in 2020 ¹	Incidence Rate December 2019–November 2020 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	
Albania	2 877 797	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Andorra	77 265	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Armenia	2 963 243	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Austria	9 006 398	0.11	1	0	0	0	0	0	0	1	0	0	0	0	-	Oct-20
Azerbaijan	10 139 177	0.30	3	0	2	0	1	0	0	0	0	0	0	0	0	Nov-20
Belarus	9 449 323	0.11	1	0	0	0	1	0	0	0	0	0	0	0	0	Nov-20
Belgium ²	11 589 623	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 280 819	0.00	0	0	0	0	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	Nov-20
Croatia	4 105 267	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Cyprus	1 207 359	0.83	1	0	0	1	0	0	0	0	0	0	0	0	0	Nov-20
Czech Republic	10 708 981	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Denmark ²	5 792 202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 326 535	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Finland	5 540 720	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
France ²	65 273 511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 989 167	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Germany	83 783 942	0.24	20	3	1	3	4	3	1	1	0	2	1	0	1	Nov-20
Greece	10 423 054	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Hungary	9 660 351	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Iceland	341 243	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Ireland	4 937 786	0.61	3	0	1	0	0	1	0	0	0	0	1	0	0	Nov-20
Israel	8 655 535	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Oct-20
Italy	60 461 826	0.28	17	4	9	4	0	0	0	0	0	0	0	0	0	Nov-20
Kazakhstan	18 776 707	0.05	1	0	0	0	0	0	0	0	1	0	0	0	0	Nov-20
Kyrgyzstan	6 524 195	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Latvia	1 886 198	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Lithuania	2 722 289	0.00	0	0	0	0	0	0	0	0	-	-	-	-	-	Jun-20
Luxembourg	625 978	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Malta	441 543	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Monaco	39 242	0.00	0	0	0	0	0	0	0	0	-	0	0	0	-	Oct-20
Montenegro	628 066	0.00	0	0	-	-	-	-	-	-	-	-	-	-	-	Dec-19
Netherlands	17 134 872	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
North Macedonia	2 083 374	0.00	0	0	0	0	0	0	0	0	0	0	-	-	-	Aug-20
Norway	5 421 241	0.18	1	0	0	1	0	0	0	0	0	0	0	0	0	Nov-20
Poland	37 846 611	2.59	98	7	30	19	11	6	3	5	6	3	3	2	3	Nov-20
Portugal	10 196 709	0.10	1	0	0	1	0	0	0	0	0	0	0	0	0	Nov-20
Republic of Moldova	4 033 963	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Romania	19 237 691	0.16	3	0	1	1	1	0	0	0	0	0	0	0	0	Nov-20
Russian Federation	145 934 462	0.02	3	0	1	2	0	0	0	0	0	0	0	0	0	Nov-20
San Marino	33 931	0.00	0	0	0	0	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	0	Nov-20
Slovenia	2 078 938	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Spain	46 754 778	0.02	1	1	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Sweden	10 099 265	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Switzerland	8 654 622	0.00	0	0	0	0	0	0	0	0	0	0	0	-	0	Nov-20
Tajikistan	9 537 645	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Turkey	84 339 067	0.21	18	4	4	2	3	1	0	2	0	0	0	2	0	Nov-20
Turkmenistan	6 031 200	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Ukraine	43 733 762	0.78	34	8	6	11	1	3	1	2	2	0	0	0	0	Nov-20
United Kingdom	67 886 011	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-20
Uzbekistan	33 469 203	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Oct-20
Region	932 888 145	0.22	206	27	55	45	22	14	5	11	9	5	5	4	4	

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.

¹ Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2019 Revision.

² Country does not have a comprehensive rubella surveillance system.

Table 3: Measles classification, reporting and surveillance performance, January–November 2020 (data as of 06 January 2021)

Country	Total Population in 2020 ¹	2019 (as of 06 January 2021)			2020													
		Incidence Rate (per 1 million population)	Total measles cases ²	Total measles deaths	Total measles cases ²	Classification			Discarded measles	Imported cases	Measles deaths	Report			Surveillance Indicators ⁶			
						Lab confirmed	Epi-Link	Clinically compatible ³				Completeness ⁴	Timeliness ⁴	Month & year of last report	Laboratory investigation rate ⁴	Rate of discarded cases ³	Origin of infection ⁴	Timeliness of investigation ⁴
Albania ⁷	2 877 797	167.31	482	2	3	3	0	0	15	0	0	100%	100%	Nov-20	94%	0.5	100%	94%
Andorra	77 265	0.00	0	-	0	0	0	0	0	-	-	100%	73%	Nov-20	-	0.0	-	-
Armenia	2 963 243	2.37	7	0	0	0	0	0	20	-	-	100%	73%	Nov-20	100%	0.7	-	100%
Austria	9 006 398	16.86	151	0	25	20	3	2	1	1	0	91%	91%	Oct-20	91%	0.0	100%	8%
Azerbaijan	10 139 177	25.98	261	0	3	2	0	1	8	0	0	100%	91%	Nov-20	91%	0.1	67%	91%
Belarus ⁷	9 449 323	20.21	191	0	0	0	0	0	158	-	-	100%	100%	Nov-20	100%	1.7	-	0%
Belgium	11 589 623	41.68	481	0	62	20	8	34	-	0	0	100%	82%	Nov-20	-	-	-	-
Bosnia and Herzegovina	3 280 819	424.42	1401	0	4	0	0	4	-	0	0	91%	55%	Oct-20	-	-	-	-
Bulgaria	6 948 445	178.14	1247	0	245	227	7	11	-	2	2	100%	100%	Nov-20	97%	-	1%	100%
Croatia	4 105 267	12.59	52	0	0	0	0	0	0	-	-	100%	100%	Nov-20	-	0.0	-	-
Cyprus	1 207 359	5.01	6	0	1	1	0	0	-	1	0	100%	91%	Nov-20	100%	-	100%	100%
Czech Republic	10 708 981	53.98	577	0	4	4	0	0	-	1	0	100%	91%	Nov-20	100%	-	100%	0%
Denmark	5 792 202	2.60	15	0	4	4	0	0	-	0	0	100%	100%	Nov-20	100%	-	100%	0%
Estonia	1 326 535	20.37	27	0	0	0	0	0	36	-	-	100%	100%	Nov-20	100%	2.7	-	100%
Finland	5 540 720	2.17	12	0	5	5	0	0	-	2	0	100%	100%	Nov-20	100%	-	100%	0%
France	65 273 511	40.49	2637	2	230	165	27	38	-	15	0	100%	100%	Nov-20	94%	-	81%	0%
Georgia	3 989 167	980.79	3920	2	18	15	0	3	34	0	0	100%	82%	Nov-20	96%	0.9	94%	92%
Germany	83 783 942	6.07	507	0	73	54	14	5	-	8	0	100%	91%	Nov-20	92%	-	85%	0%
Greece	10 423 054	4.30	45	0	2	2	0	0	0	0	0	100%	100%	Nov-20	100%	0.0	100%	0%
Hungary	9 660 351	2.37	23	1	0	0	0	0	0	-	-	100%	100%	Nov-20	-	0.0	-	-
Iceland	341 243	26.55	9	0	0	0	0	0	-	-	-	100%	100%	Nov-20	-	-	-	-
Ireland	4 937 786	14.95	73	0	24	2	0	22	-	2	0	100%	100%	Nov-20	21%	-	25%	8%
Israel	8 655 535	120.67	1028	0	6	6	0	0	-	0	0	91%	82%	Oct-20	100%	-	0%	83%
Italy	60 461 826	26.75	1620	1	102	82	12	8	20	10	0	100%	100%	Nov-20	95%	0.0	81%	0%
Kazakhstan	18 776 707	718.33	13326	21	3269	2006	1004	259	-	0	5	100%	45%	Nov-20	-	-	-	-
Kyrgyzstan ⁷	6 524 195	358.95	2303	0	706	151	319	236	143	6	1	100%	100%	Nov-20	35%	2.2	100%	97%
Latvia	1 886 198	1.05	2	0	0	0	0	0	-	-	-	100%	100%	Nov-20	-	-	-	-
Lithuania	2 722 289	301.49	832	0	1	1	0	0	-	1	0	55%	55%	Jun-20	100%	-	100%	100%
Luxembourg	625 978	38.98	24	0	0	0	0	0	2	-	-	100%	100%	Nov-20	100%	0.3	-	100%
Malta	441 543	72.67	32	0	2	2	0	0	-	0	0	100%	91%	Nov-20	100%	-	100%	0%
Monaco	39 242	0.00	0	-	0	0	0	0	0	-	-	82%	64%	Oct-20	-	0.0	-	-
Montenegro	628 066	0.00	0	-	-	-	-	-	-	-	-	-	-	Dec-19	-	-	-	-
Netherlands	17 134 872	4.91	84	0	2	2	0	0	-	1	0	100%	100%	Nov-20	100%	-	50%	0%
North Macedonia	2 083 374	904.27	1884	5	0	0	0	0	-	-	-	73%	18%	Aug-20	-	-	-	-
Norway	5 421 241	3.16	17	0	4	4	0	0	-	2	0	100%	100%	Nov-20	100%	-	75%	100%
Poland	37 846 611	36.08	1367	0	31	16	0	15	-	0	0	100%	100%	Nov-20	-	-	-	-
Portugal	10 196 709	0.98	10	0	8	7	0	1	13	4	0	100%	100%	Nov-20	81%	0.1	50%	100%
Republic of Moldova	4 033 963	22.01	89	0	17	17	0	0	21	1	0	100%	100%	Nov-20	100%	0.5	100%	97%
Romania	19 237 691	89.55	1734	5	976	698	176	102	-	0	0	100%	100%	Nov-20	88%	-	100%	29%
Russian Federation	145 934 462	28.59	4171	0	1100	1076	24	0	1434	29	0	100%	82%	Nov-20	100%	1.0	100%	33%
San Marino	33 931	324.87	11	0	0	0	0	0	0	-	-	73%	55%	Sep-20	-	0.0	-	-
Serbia	8 737 371	2.39	21	0	0	0	0	0	-	-	-	100%	100%	Nov-20	-	-	-	-
Slovakia	5 459 642	57.17	312	0	0	0	0	0	0	-	-	100%	100%	Nov-20	-	0.0	-	-
Slovenia	2 078 938	23.09	48	0	6	6	0	0	-	1	0	100%	100%	Nov-20	100%	-	100%	100%
Spain	46 754 778	6.25	292	0	93	90	3	0	41	1	0	100%	100%	Nov-20	100%	0.1	99%	40%
Sweden	10 099 265	1.99	20	0	5	5	0	0	-	4	0	100%	100%	Nov-20	100%	-	100%	0%
Switzerland	8 654 622	26.65	229	2	33	29	4	0	94	7	0	91%	91%	Nov-20	100%	1.1	88%	28%
Tajikistan	9 537 645	0.75	7	0	168	89	74	5	90	0	0	100%	91%	Nov-20	97%	0.9	1%	100%
Turkey ⁷	84 339 067	34.66	2892	3	611	610	1	0	1472	2	2	100%	100%	Nov-20	100%	1.7	21%	98%
Turkmenistan ⁷	6 031 200	0.00	0	-	0	0	0	0	114	-	-	100%	100%	Nov-20	100%	1.9	-	98%
Ukraine	43 733 762	1303.19	57332	20	211	61	7	143	27	1	0	100%	100%	Nov-20	36%	0.1	98%	99%
United Kingdom	67 886 011	13.06	882	1	84	84	0	0	-	7	0	100%	100%	Nov-20	100%	-	100%	0%
Uzbekistan	33 469 203	53.06	1750	0	4053	339	0	3714	1	241	0	91%	82%	Oct-20	10%	0.0	56%	90%
Region	932 888 145	112.28	104443	65	12191	5905	1683	4603	3744	350	10	95%	88%		64%	0.7	68%	70%

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.

¹ Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2019 Revision.

² All confirmed measles cases regardless of origin.

³ Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

⁴ Target (>=80%) not achieving are highlighted in red.

⁵ 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.

⁶ Surveillance indicators can not be calculated for Member States submitting aggregate data.

⁷ Country classifies discard cases as "discarded, not measles, not rubella".

Table 4: Rubella classification, reporting and surveillance performance, January–November 2020 (data as of 06 January 2021)

Country	Total Population in 2020 ¹	2019 (as of 06 January 2021)		2020												
		Incidence Rate (per 1 million population)	Total rubella cases ²	Total rubella cases ²	Classification			Discarded rubella	Imported cases	Report			Surveillance Indicators ⁶			
					Lab confirmed	Epi-Link	Clinically compatible ³			Completeness ⁴	Timeliness ⁴	Month & year of last report	Laboratory investigation rate ⁴	Rate of discarded cases ⁵	Origin of infection ⁴	Timeliness of investigation ⁴
Albania ⁷	2 877 797	0.00	0	0	0	0	0	14	-	100%	100%	Nov-20	100%	0.5	-	100%
Andorra	77 265	0.00	0	0	0	0	0	0	-	100%	73%	Nov-20	-	0.0	-	-
Armenia	2 963 243	0.00	0	0	0	0	0	0	-	100%	73%	Nov-20	-	0.0	-	-
Austria	9 006 398	0.00	0	1	0	1	0	-	0	91%	82%	Oct-20	-	-	0%	0%
Azerbaijan	10 139 177	0.20	2	3	3	0	0	2	0	100%	91%	Nov-20	80%	0.0	0%	100%
Belarus ⁷	9 449 323	0.00	0	1	1	0	0	158	0	100%	100%	Nov-20	99%	1.7	0%	0%
Belgium ⁸	11 589 623	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 280 819	0.91	3	0	0	0	0	-	-	91%	45%	Oct-20	-	-	-	-
Bulgaria	6 948 445	0.00	0	0	0	0	0	-	-	100%	100%	Nov-20	-	-	-	-
Croatia	4 105 267	0.00	0	0	0	0	0	-	-	100%	100%	Nov-20	-	-	-	-
Cyprus	1 207 359	0.00	0	1	1	0	0	-	0	100%	91%	Nov-20	100%	-	0%	0%
Czech Republic	10 708 981	0.00	0	0	0	0	0	-	-	100%	91%	Nov-20	-	-	-	-
Denmark ⁸	5 792 202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 326 535	0.00	0	0	0	0	0	7	-	100%	100%	Nov-20	100%	0.5	-	100%
Finland	5 540 720	0.00	0	0	0	0	0	-	-	100%	100%	Nov-20	-	-	-	-
France ⁸	65 273 511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 989 167	2.25	9	0	0	0	0	10	-	100%	82%	Nov-20	80%	0.3	-	90%
Germany	83 783 942	0.68	57	17	6	0	11	-	0	91%	82%	Nov-20	35%	-	47%	0%
Greece	10 423 054	0.00	0	0	0	0	0	-	-	100%	100%	Nov-20	-	-	-	-
Hungary	9 660 351	0.00	0	0	0	0	0	0	-	100%	100%	Nov-20	-	0.0	-	-
Iceland	341 243	0.00	0	0	0	0	0	-	-	100%	100%	Nov-20	-	-	-	-
Ireland	4 937 786	0.00	0	3	1	0	2	-	1	91%	91%	Nov-20	33%	-	67%	67%
Israel	8 655 535	0.00	0	0	0	0	0	-	-	91%	82%	Oct-20	-	-	-	-
Italy	60 461 826	0.40	24	13	3	0	10	4	0	100%	100%	Nov-20	82%	0.0	23%	0%
Kazakhstan	18 776 707	0.27	5	1	1	0	0	-	0	100%	45%	Nov-20	-	-	-	-
Kyrgyzstan ⁷	6 524 195	0.62	4	0	0	0	0	143	-	100%	100%	Nov-20	22%	2.2	-	94%
Latvia	1 886 198	1.05	2	0	0	0	0	-	-	100%	100%	Nov-20	-	-	-	-
Lithuania	2 722 289	0.00	0	0	0	0	0	-	-	55%	55%	Jun-20	-	-	-	-
Luxembourg	625 978	0.00	0	0	0	0	0	1	-	100%	100%	Nov-20	100%	0.2	-	100%
Malta	441 543	0.00	0	0	0	0	0	-	-	100%	91%	Nov-20	-	-	-	-
Monaco	39 242	0.00	0	0	0	0	0	0	-	82%	64%	Oct-20	-	0.0	-	-
Montenegro	628 066	0.00	0	-	-	-	-	-	-	-	-	Dec-19	-	-	-	-
Netherlands	17 134 872	0.00	0	0	0	0	0	-	-	100%	100%	Nov-20	-	-	-	-
North Macedonia	2 083 374	0.00	0	0	0	0	0	-	-	73%	18%	Aug-20	-	-	-	-
Norway	5 421 241	0.00	0	1	1	0	0	-	1	100%	100%	Nov-20	100%	-	100%	100%
Poland	37 846 611	7.52	285	91	1	0	90	-	0	100%	100%	Nov-20	-	-	-	-
Portugal	10 196 709	0.20	2	1	0	0	1	5	0	100%	100%	Nov-20	50%	0.0	100%	100%
Republic of Moldova	4 033 963	0.00	0	0	0	0	0	3	-	100%	100%	Nov-20	100%	0.1	-	100%
Romania	19 237 691	0.21	4	3	1	0	2	-	0	100%	91%	Nov-20	33%	-	100%	33%
Russian Federation	145 934 462	0.23	34	3	3	0	0	0	0	100%	82%	Nov-20	100%	0.0	100%	100%
San Marino	33 931	0.00	0	0	0	0	0	0	-	82%	45%	Sep-20	-	0.0	-	-
Serbia	8 737 371	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 459 642	0.00	0	0	0	0	0	0	-	100%	100%	Nov-20	-	0.0	-	-
Slovenia	2 078 938	0.00	0	0	0	0	0	-	-	100%	100%	Nov-20	-	-	-	-
Spain	46 754 778	0.09	4	0	0	0	0	4	-	100%	100%	Nov-20	75%	0.0	-	50%
Sweden	10 099 265	0.00	0	0	0	0	0	0	-	100%	91%	Nov-20	-	0.0	-	-
Switzerland	8 654 622	0.12	1	0	0	0	0	15	-	91%	91%	Nov-20	93%	0.2	-	7%
Tajikistan	9 537 645	0.00	0	0	0	0	0	11	-	100%	91%	Nov-20	100%	0.1	-	100%
Turkey ⁷	84 339 067	0.58	48	14	14	0	0	1472	0	100%	100%	Nov-20	100%	1.7	71%	98%
Turkmenistan ⁷	6 031 200	0.00	0	0	0	0	0	114	-	100%	100%	Nov-20	100%	1.9	-	98%
Ukraine	43 733 762	3.23	142	26	4	0	22	6	0	100%	100%	Nov-20	31%	0.0	92%	94%
United Kingdom	67 886 011	0.04	3	0	0	0	0	-	-	100%	100%	Nov-20	-	-	-	-
Uzbekistan	33 469 203	0.00	0	0	0	0	0	0	-	91%	82%	Oct-20	-	0.0	-	-
Region	932 888 145	0.68	629	179	40	1	138	1969	2	87%	80%		92%	0.4	63%	87%

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.

¹ Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2019 Revision.

² All confirmed rubella cases regardless of origin.

³ Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

⁴ Target (>=80%) not achieving are highlighted in red.

⁵ 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.

⁶ Surveillance indicators can not be calculated for Member States submitting aggregate data.

⁷ Country classifies discard cases as "discarded, not measles, not rubella".

⁸ Country does not have a comprehensive rubella surveillance system.

Table 5: Measles and rubella laboratory test results, January–November 2020 (data as of 06 January 2021)

Country	Measles				Rubella				Report ¹		
	Total specimens tested ¹	Positive for measles (%) ¹	Genotypes reported to MeaNS ²	Sequencing reported within 60 days ²	Total specimens tested ¹	Positive for rubella (%) ¹	Genotypes reported to RubeNS ³	Sequencing reported within 60 days ³	Completeness ⁴	Timeliness ⁴	Month of last report
Albania	17	3 (18)	-	-	0	-	-	-	100%	64%	Nov-20
Andorra											No lab
Armenia	19	0 (0)	-	-	19	0 (0)	-	-	100%	64%	Nov-20
Austria	1175	17 (1)	B3,D8	100%	3965	0 (0)	-	-	100%	100%	Nov-20
Azerbaijan	9	2 (22)	-	-	2	1 (50)	-	-	18%	18%	Feb-20
Belarus	166	0 (0)	-	-	166	2 (1)	2B	100%	100%	64%	Nov-20
Belgium	-	-	D8	30%	-	-	-	-	-	-	No Report
Bosnia and Herzegovina	2	0 (0)	-	-	0	-	-	-	100%	9%	Jan-20
Bulgaria	391	261 (67)	-	-	189	0 (0)	-	-	100%	36%	Nov-20
Croatia	10	0 (0)	-	-	0	-	-	-	27%	27%	Apr-20
Cyprus	29	1 (3)	-	-	207	3 (1)	-	-	82%	18%	Oct-20
Czech Republic	43	9 (21)	-	-	26	1 (4)	-	-	100%	82%	Nov-20
Denmark	335	16 (5)	D8	100%	24	3 (13)	-	-	100%	100%	Nov-20
Estonia	109	0 (0)	-	-	81	0 (0)	-	-	73%	73%	Nov-20
Finland	39	10 (26)	B3,D8	40%	37	1 (3)	-	-	100%	100%	Nov-20
France	-	-	D8	0%	-	-	-	-	-	-	No Report
Georgia	64	14 (22)	-	-	44	3 (7)	-	-	100%	73%	Nov-20
Germany	232	66 (28)	B3,D8	14%	96	4 (4)	-	-	100%	100%	Nov-20
Greece	0	-	-	-	0	-	-	-	100%	18%	Nov-20
Hungary	52	0 (0)	-	-	73	0 (0)	-	-	100%	100%	Nov-20
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	676	12 (2)	D8	0%	2213	2 (0)	-	-	100%	82%	Nov-20
Israel	349	25 (7)	-	-	1028	264 (26)	-	-	100%	73%	Nov-20
Italy	385	139 (36)	B3,D8	31%	236	16 (7)	-	-	100%	91%	Nov-20
Kazakhstan	2457	2001 (81)	-	-	83	0 (0)	-	-	100%	64%	Nov-20
Kyrgyzstan	71	44 (62)	B3,D8	0%	70	0 (0)	-	-	100%	36%	Apr-20
Latvia	147	7 (5)	-	-	221	1 (0)	-	-	100%	73%	Nov-20
Lithuania	126	8 (6)	D8	0%	117	1 (1)	-	-	100%	100%	Nov-20
Luxembourg	12	0 (0)	-	-	0	-	-	-	100%	100%	Nov-20
Malta	28	3 (11)	-	-	435	0 (0)	-	-	82%	9%	Sep-20
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	-	-	D8	100%	-	-	-	-	-	-	No report
North Macedonia	-	-	-	-	-	-	-	-	-	-	No report
Norway	5	5 (100)	D8	100%	4	3 (75)	-	-	100%	73%	Nov-20
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	62	17 (27)	D8	0%	3	0 (0)	-	-	73%	73%	Nov-20
Republic of Moldova	43	17 (40)	-	-	43	0 (0)	-	-	91%	91%	Nov-20
Romania	357	265 (74)	-	-	88	0 (0)	-	-	27%	27%	May-20
Russian Federation	3372	1340 (40)	B3,D8	11%	2927	21 (1)	-	-	100%	100%	Nov-20
San Marino											No lab
Serbia	9	0 (0)	-	-	9	1 (11)	-	-	100%	45%	Oct-20
Slovakia	9	2 (22)	-	-	12	0 (0)	-	-	100%	91%	Nov-20
Slovenia	267	14 (5)	D8	100%	81	0 (0)	-	-	100%	73%	Nov-20
Spain	-	-	B3,D8	12%	-	-	-	-	-	-	No report
Sweden	982	27 (3)	B3,D8	80%	1977	10 (1)	-	-	100%	64%	Nov-20
Switzerland	135	53 (39)	D8	6%	9	8 (89)	-	-	100%	91%	Nov-20
Tajikistan	72	34 (47)	D8	0%	71	0 (0)	-	-	100%	18%	Feb-20
Turkey	4057	923 (23)	-	-	3354	101 (3)	-	-	100%	91%	Nov-20
Turkmenistan	114	0 (0)	-	-	114	0 (0)	-	-	100%	100%	Nov-20
Ukraine	157	25 (16)	-	-	157	7 (4)	-	-	100%	91%	Nov-20
United Kingdom	1677	162 (10)	B3,D8	98%	817	5 (1)	-	-	100%	64%	Nov-20
Uzbekistan	153	136 (89)	-	-	153	0 (0)	-	-	18%	18%	Feb-20
Region	18414	5658 (31)	-	35%	19151	458 (2)	-	100%	72%	52%	

¹ Data source: Monthly aggregated or specimen-based data reported to WHO/Europe.

² MeaNS: <http://www.who-measles.org/>. Timeliness of sequence reporting relates to the time between specimen collection and reporting to MeaNS.

³ RubeNS: <http://www.who-rubella.org/>. Timeliness of sequence reporting relates to the time between specimen collection and reporting to RubeNS.

⁴ 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.

