

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 June 2019—May 2020 (data as of 03 July 2020)

Country	Total Population in 2019 ¹	Incidence Rate June 2019–May 2020 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	
Albania	2 880 917	9.72	28	18	2	4	0	0	0	1	2	1	0	0	0	May-20
Andorra	77 142	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Armenia	2 957 731	1.01	3	0	0	0	1	2	0	0	0	0	0	0	0	May-20
Austria	8 955 102	5.58	50	6	7	4	2	1	2	3	2	11	12	0	0	May-20
Azerbaijan	10 047 718	0.50	5	3	0	0	0	0	0	0	0	2	0	0	0	May-20
Belarus	9 452 411	5.61	53	37	15	1	0	0	0	0	0	0	0	0	0	May-20
Belgium	11 539 328	20.28	234	61	25	14	10	29	32	15	29	14	2	3	0	May-20
Bosnia and Herzegovina	3 301 000	82.40	272	186	58	19	3	1	0	1	2	0	0	2	0	May-20
Bulgaria	7 000 119	93.57	655	214	76	35	15	11	18	41	94	80	54	16	1	May-20
Croatia	4 130 304	10.90	45	4	10	4	14	12	1	0	0	0	0	0	0	May-20
Cyprus	1 198 575	1.67	2	1	0	0	0	0	0	0	0	1	0	0	0	May-20
Czech Republic	10 689 209	4.12	44	23	9	3	0	2	3	0	1	2	0	0	1	May-20
Denmark	5 771 876	0.87	5	1	0	0	0	0	0	0	4	0	0	0	0	May-20
Estonia	1 325 648	7.54	10	7	1	1	0	0	0	1	0	0	0	0	0	May-20
Finland	5 532 156	1.45	8	0	0	0	0	0	4	0	2	2	0	0	0	May-20
France	65 129 728	20.14	1312	467	311	109	56	61	49	40	86	76	53	2	2	May-20
Georgia	3 996 765	49.29	197	136	26	4	1	6	6	4	6	3	2	2	1	May-20
Germany	83 517 045	1.94	162	21	19	22	11	5	8	6	25	25	20	0	0	May-20
Greece	10 473 455	1.81	19	0	0	6	9	1	1	0	1	1	0	0	0	May-20
Hungary	9 684 679	0.10	1	0	1	0	0	0	0	0	0	0	0	0	0	May-20
Iceland	339 031	5.90	2	0	1	0	0	0	0	1	0	0	0	0	0	May-20
Ireland	4 882 495	9.22	45	3	1	1	8	7	4	3	1	12	4	1	0	May-20
Israel	8 519 377	6.93	59	27	14	3	3	0	4	2	4	2	0	0	0	May-20
Italy	60 550 075	9.74	590	216	152	77	20	7	10	12	52	35	9	0	0	May-20
Kazakhstan	18 551 427	402.50	7467	954	586	402	283	424	576	978	1192	1003	652	354	63	May-20
Kyrgyzstan	6 415 850	137.47	882	52	24	18	22	2	5	54	159	202	273	58	13	May-20
Latvia	1 906 743	1.05	2	1	1	0	0	0	0	0	0	0	0	0	0	May-20
Lithuania	2 759 627	10.87	30	14	14	0	0	0	0	1	0	1	0	0	0	May-20
Luxembourg	615 729	1.62	1	0	0	0	0	1	0	0	0	0	0	0	0	May-20
Malta	440 372	15.90	7	3	1	0	0	0	1	0	0	2	0	0	0	May-20
Monaco	38 964	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Montenegro	627 987	0.00	0	0	0	0	0	0	0	0	-	-	-	-	-	Dec-19
Netherlands	17 097 130	3.10	53	17	10	17	3	0	4	0	1	1	0	0	0	May-20
North Macedonia	2 083 459	101.75	212	166	31	12	2	1	0	0	0	-	-	-	-	Jan-20
Norway	5 378 857	1.30	7	1	0	2	0	0	0	0	3	1	0	0	0	May-20
Poland	37 887 768	5.75	218	124	41	9	5	6	2	8	6	6	8	2	1	May-20
Portugal	10 226 187	0.98	10	1	0	0	0	0	0	1	4	2	0	0	2	May-20
Republic of Moldova	4 043 263	17.56	71	19	11	10	2	2	8	2	2	1	14	0	0	May-20
Romania	19 364 557	85.31	1652	123	110	80	112	100	79	117	319	259	230	93	30	May-20
Russian Federation	145 872 256	14.59	2128	488	257	167	110	40	56	131	182	268	277	130	22	May-20
San Marino	33 860	29.53	1	0	1	0	0	0	0	0	0	0	0	0	0	May-20
Serbia	8 772 235	0.80	7	1	0	0	0	1	4	1	0	0	0	0	0	May-20
Slovakia	5 457 013	3.48	19	7	5	7	0	0	0	0	0	0	0	0	0	May-20
Slovenia	2 078 654	19.24	40	3	1	1	0	0	7	22	5	1	0	0	0	May-20
Spain	46 736 776	3.19	149	34	13	12	6	1	3	10	37	30	3	0	0	May-20
Sweden	10 036 379	1.00	10	2	2	0	1	0	0	0	2	3	0	0	0	May-20
Switzerland	8 591 365	6.52	56	2	0	2	5	0	2	11	14	12	4	4	0	May-20
Tajikistan	9 321 018	18.13	169	0	0	0	0	1	0	0	57	44	59	8	0	May-20
Turkey	83 429 615	16.64	1388	306	158	76	39	53	66	104	139	217	192	27	11	May-20
Turkmenistan	5 942 089	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Ukraine	43 993 638	152.77	6721	3443	1447	737	372	214	112	204	112	39	30	11	0	May-20
United Kingdom	67 530 172	6.62	447	115	87	42	29	49	15	26	50	23	9	0	2	May-20
Uzbekistan	32 981 716	161.39	5323	122	79	85	130	275	421	155	715	1618	1277	403	43	May-20
Region	930 166 592	33.19	30871	7429	3607	1986	1274	1315	1503	1955	3310	4000	3184	1116	192	

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 June 2019—May 2020 (data as of 03 July 2020)

Country	Total Population in 2019 ¹	Incidence Rate June 2019–May 2020 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	
Albania	2 880 917	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Andorra	77 142	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Armenia	2 957 731	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Austria	8 955 102	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Azerbaijan	10 047 718	0.40	4	0	0	0	0	0	2	0	1	0	1	0	0	May-20
Belarus	9 452 411	0.11	1	0	0	0	0	0	0	0	0	0	1	0	0	May-20
Belgium ²	11 539 328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 301 000	0.30	1	0	0	1	0	0	0	0	0	0	0	0	0	May-20
Bulgaria	7 000 119	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Croatia	4 130 304	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Cyprus	1 198 575	0.83	1	0	0	0	0	0	0	0	0	1	0	0	0	May-20
Czech Republic	10 689 209	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Denmark ²	5 771 876	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 648	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Finland	5 532 156	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
France ²	65 129 728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 996 765	1.00	4	1	1	0	1	1	0	0	0	0	0	0	0	May-20
Germany	83 517 045	0.54	45	5	11	6	3	1	4	3	1	3	4	3	1	May-20
Greece	10 473 455	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Hungary	9 684 679	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Iceland	339 031	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Ireland	4 882 495	0.41	2	0	0	0	0	0	0	0	1	0	0	1	0	May-20
Israel	8 519 377	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Italy	60 550 075	0.40	24	5	0	2	1	0	1	3	9	3	0	0	0	May-20
Kazakhstan	18 551 427	0.16	3	0	0	0	3	0	0	0	0	0	0	0	0	May-20
Kyrgyzstan	6 415 850	0.16	1	0	0	0	0	0	1	0	0	0	0	0	0	May-20
Latvia	1 906 743	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Lithuania	2 759 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Luxembourg	615 729	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Malta	440 372	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Monaco	38 964	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Montenegro	627 987	0.00	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	May-20
North Macedonia	2 083 459	0.00	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	1	0	0	0	May-20
Poland	37 887 768	5.12	194	21	26	15	9	25	22	7	30	19	11	6	3	May-20
Portugal	10 226 187	0.20	2	0	0	0	0	1	0	0	0	1	0	0	0	May-20
Republic of Moldova	4 043 263	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Romania	19 364 557	0.31	6	0	1	0	2	0	0	0	1	1	1	0	0	May-20
Russian Federation	145 872 256	0.06	9	3	3	0	0	0	0	0	1	2	0	0	0	May-20
San Marino	33 860	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-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	May-20
Slovenia	2 078 654	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Spain	46 736 776	0.02	1	0	0	0	0	0	0	1	0	0	0	0	0	May-20
Sweden	10 036 379	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Switzerland	8 591 365	0.12	1	1	0	0	0	0	0	0	0	0	0	0	0	May-20
Tajikistan	9 321 018	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Turkey	83 429 615	0.37	31	4	2	5	3	2	3	2	4	2	3	1	0	May-20
Turkmenistan	5 942 089	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Ukraine	43 993 638	1.61	71	2	6	15	12	7	0	8	6	11	1	3	0	May-20
United Kingdom	67 530 172	0.03	2	0	0	1	1	0	0	0	0	0	0	0	0	May-20
Uzbekistan	32 981 716	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-20
Region	930 166 592	0.43	404	42	50	45	35	37	33	24	54	44	22	14	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–May 2020 (data as of 03 July 2020)

Country	Total Population in 2019 ¹	2019 (as of 03 July 2020)			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 ⁵	Origin of infection ⁴	Timeliness of investigation ⁴
Albania ⁷	2 880 917	167.31	482	2	3	3	0	0	12	0	0	100%	100%	May-20	100%	0.4	100%	100%
Andorra	77 142	0.00	0	-	0	0	0	0	0	-	-	100%	80%	May-20	-	0.0	-	-
Armenia	2 957 731	2.37	7	0	0	0	0	0	18	-	-	100%	100%	May-20	100%	0.6	-	100%
Austria	8 955 102	16.86	151	0	25	20	3	2	1	1	0	100%	100%	May-20	91%	0.0	100%	8%
Azerbaijan	10 047 718	25.98	261	0	2	2	0	0	7	0	0	100%	80%	May-20	100%	0.1	100%	89%
Belarus ⁷	9 452 411	20.21	191	0	0	0	0	0	89	-	-	100%	100%	May-20	100%	0.9	-	0%
Belgium	11 539 328	41.68	481	0	48	16	6	26	-	0	0	100%	100%	May-20	-	-	-	-
Bosnia and Herzegovina	3 301 000	424.42	1401	0	4	0	0	4	-	0	0	100%	60%	May-20	-	-	-	-
Bulgaria	7 000 119	178.14	1247	0	245	227	7	11	-	2	2	100%	100%	May-20	97%	-	1%	100%
Croatia	4 130 304	12.59	52	0	0	0	0	0	0	-	-	100%	100%	May-20	-	0.0	-	-
Cyprus	1 198 575	5.01	6	0	1	1	0	0	-	1	0	100%	80%	May-20	100%	-	100%	100%
Czech Republic	10 689 209	53.98	577	0	4	4	0	0	-	1	0	100%	100%	May-20	100%	-	100%	0%
Denmark	5 771 876	2.60	15	0	4	4	0	0	-	0	0	100%	100%	May-20	100%	-	100%	0%
Estonia	1 325 648	20.37	27	0	0	0	0	0	27	-	-	100%	100%	May-20	100%	2.0	-	100%
Finland	5 532 156	2.17	12	0	4	4	0	0	-	2	0	100%	100%	May-20	100%	-	75%	0%
France	65 129 728	40.49	2637	2	219	148	30	41	-	14	0	100%	100%	May-20	94%	-	81%	0%
Georgia	3 996 765	980.79	3920	2	14	12	0	2	23	0	0	100%	80%	May-20	95%	0.6	93%	89%
Germany	83 517 045	6.07	507	0	70	53	12	5	-	7	0	100%	100%	May-20	91%	-	87%	0%
Greece	10 473 455	4.30	45	0	2	2	0	0	0	0	0	100%	100%	May-20	100%	0.0	100%	0%
Hungary	9 684 679	2.37	23	1	0	0	0	0	0	-	-	100%	100%	May-20	-	0.0	-	-
Iceland	339 031	26.55	9	0	0	0	0	0	-	-	-	100%	100%	May-20	-	-	-	-
Ireland	4 882 495	14.95	73	0	18	2	0	16	-	2	0	100%	100%	May-20	28%	-	28%	11%
Israel	8 519 377	120.67	1028	0	6	6	0	0	-	0	0	100%	100%	May-20	100%	-	0%	83%
Italy	60 550 075	26.75	1620	1	96	76	11	9	19	10	0	100%	100%	May-20	93%	0.0	82%	0%
Kazakhstan	18 551 427	718.33	13326	21	3264	2002	1004	258	-	0	5	100%	40%	May-20	-	-	-	-
Kyrgyzstan ⁷	6 415 850	358.95	2303	0	705	150	319	236	143	5	1	100%	100%	May-20	35%	2.2	100%	97%
Latvia	1 906 743	1.05	2	0	0	0	0	0	-	-	-	100%	100%	May-20	-	-	-	-
Lithuania	2 759 627	301.49	832	0	1	1	0	0	-	1	0	100%	100%	May-20	100%	-	100%	100%
Luxembourg	615 729	38.98	24	0	0	0	0	0	2	-	-	100%	100%	May-20	100%	0.3	-	100%
Malta	440 372	72.67	32	0	2	2	0	0	-	0	0	100%	100%	May-20	100%	-	100%	0%
Monaco	38 964	0.00	0	-	0	0	0	0	0	-	-	100%	80%	May-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%	May-20	100%	-	50%	0%
North Macedonia	2 083 459	904.27	1884	5	0	0	0	0	-	-	-	20%	20%	Jan-20	-	-	-	-
Norway	5 378 857	3.16	17	0	4	4	0	0	-	2	0	100%	100%	May-20	100%	-	75%	100%
Poland	37 887 768	36.08	1367	0	23	12	0	11	-	0	0	100%	100%	May-20	-	-	-	-
Portugal	10 226 187	0.98	10	0	8	7	0	1	13	4	0	100%	100%	May-20	81%	0.1	50%	100%
Republic of Moldova	4 043 263	22.01	89	0	17	17	0	0	6	1	0	100%	100%	May-20	100%	0.1	100%	96%
Romania	19 364 557	89.49	1733	5	931	468	311	152	-	0	0	100%	100%	May-20	78%	-	100%	23%
Russian Federation	145 872 256	28.58	4169	0	879	858	20	1	783	28	0	100%	100%	May-20	100%	0.5	100%	40%
San Marino	33 860	324.87	11	0	0	0	0	0	0	-	-	100%	60%	May-20	-	0.0	-	-
Serbia	8 772 235	2.39	21	0	0	0	0	0	-	-	-	100%	100%	May-20	-	-	-	-
Slovakia	5 457 013	57.17	312	0	0	0	0	0	0	-	-	100%	100%	May-20	-	0.0	-	-
Slovenia	2 078 654	23.09	48	0	6	6	0	0	-	1	0	100%	100%	May-20	100%	-	100%	100%
Spain	46 736 776	6.25	292	0	70	69	1	0	36	1	0	100%	100%	May-20	100%	0.1	99%	46%
Sweden	10 036 379	1.99	20	0	5	5	0	0	-	4	0	100%	100%	May-20	100%	-	100%	0%
Switzerland	8 591 365	26.65	229	2	34	30	4	0	80	7	0	100%	100%	May-20	100%	0.9	79%	31%
Tajikistan	9 321 018	0.75	7	0	168	89	74	5	71	0	0	100%	80%	May-20	97%	0.8	1%	100%
Turkey ⁷	83 429 615	34.64	2890	3	586	586	0	0	1093	1	2	100%	100%	May-20	100%	1.3	21%	98%
Turkmenistan ⁷	5 942 089	0.00	0	-	0	0	0	0	31	-	-	100%	100%	May-20	100%	0.5	-	100%
Ukraine	43 993 638	1303.19	57332	20	192	58	7	127	-	1	0	100%	100%	May-20	32%	-	97%	99%
United Kingdom	67 530 172	13.06	882	1	84	84	0	0	-	7	0	100%	100%	May-20	100%	-	100%	0%
Uzbekistan	32 981 716	53.06	1750	0	4056	339	0	3717	1	241	0	100%	80%	May-20	10%	0.0	56%	90%
Region	930 166 592	112.28	104438	65	11802	5369	1809	4624	2455	345	10	97%	91%		57%	0.5	67%	73%

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–May 2020 (data as of 03 July 2020)

Country	Total Population in 2019 ¹	2019 (as of 03 July 2020)		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	2 880 917	0.00	0	0	0	0	0	12	-	100%	100%	May-20	100%	0.4	-	100%
Andorra	77 142	0.00	0	0	0	0	0	0	-	100%	80%	May-20	-	0.0	-	-
Armenia	2 957 731	0.00	0	0	0	0	0	0	-	100%	100%	May-20	-	0.0	-	-
Austria	8 955 102	0.00	0	0	0	0	0	-	-	100%	80%	May-20	-	-	-	-
Azerbaijan	10 047 718	0.20	2	2	2	0	0	1	0	100%	80%	May-20	67%	0.0	0%	100%
Belarus ⁷	9 452 411	0.00	0	1	1	0	0	89	0	100%	100%	May-20	100%	0.9	0%	0%
Belgium ⁸	11 539 328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 301 000	0.91	3	0	0	0	0	-	-	100%	60%	May-20	-	-	-	-
Bulgaria	7 000 119	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Croatia	4 130 304	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Cyprus	1 198 575	0.00	0	1	1	0	0	-	0	100%	80%	May-20	100%	-	0%	0%
Czech Republic	10 689 209	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Denmark ⁸	5 771 876	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 648	0.00	0	0	0	0	0	3	-	100%	100%	May-20	100%	0.2	-	100%
Finland	5 532 156	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
France ⁸	65 129 728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 996 765	2.25	9	0	0	0	0	7	-	100%	80%	May-20	71%	0.2	-	86%
Germany	83 517 045	0.68	57	12	3	0	9	-	0	100%	100%	May-20	25%	-	50%	0%
Greece	10 473 455	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Hungary	9 684 679	0.00	0	0	0	0	0	0	-	100%	100%	May-20	-	0.0	-	-
Iceland	339 031	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Ireland	4 882 495	0.20	1	2	1	0	1	-	1	100%	100%	May-20	50%	-	50%	100%
Israel	8 519 377	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Italy	60 550 075	0.38	23	12	3	0	9	4	0	100%	100%	May-20	81%	0.0	17%	0%
Kazakhstan	18 551 427	0.27	5	0	0	0	0	-	-	100%	40%	May-20	-	-	-	-
Kyrgyzstan ⁷	6 415 850	0.62	4	0	0	0	0	143	-	100%	100%	May-20	22%	2.2	-	94%
Latvia	1 906 743	1.05	2	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Lithuania	2 759 627	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Luxembourg	615 729	0.00	0	0	0	0	0	0	-	100%	100%	May-20	-	0.0	-	-
Malta	440 372	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Monaco	38 964	0.00	0	0	0	0	0	0	-	100%	80%	May-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%	May-20	-	-	-	-
North Macedonia	2 083 459	0.00	0	0	0	0	0	-	-	20%	20%	Jan-20	-	-	-	-
Norway	5 378 857	0.00	0	1	1	0	0	-	1	100%	100%	May-20	100%	-	100%	100%
Poland	37 887 768	7.71	292	69	0	0	69	-	0	100%	100%	May-20	-	-	-	-
Portugal	10 226 187	0.20	2	1	0	0	1	1	0	100%	100%	May-20	50%	0.0	100%	100%
Republic of Moldova	4 043 263	0.00	0	0	0	0	0	1	-	100%	100%	May-20	100%	0.0	-	100%
Romania	19 364 557	0.21	4	3	1	0	2	-	0	100%	100%	May-20	33%	-	100%	33%
Russian Federation	145 872 256	0.23	34	3	3	0	0	0	0	100%	100%	May-20	100%	0.0	100%	100%
San Marino	33 860	0.00	0	0	0	0	0	0	-	100%	40%	May-20	-	0.0	-	-
Serbia	8 772 235	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 457 013	0.00	0	0	0	0	0	0	-	100%	100%	May-20	-	0.0	-	-
Slovenia	2 078 654	0.00	0	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Spain	46 736 776	0.09	4	0	0	0	0	2	-	100%	100%	May-20	100%	0.0	-	100%
Sweden	10 036 379	0.00	0	0	0	0	0	0	-	100%	80%	May-20	-	0.0	-	-
Switzerland	8 591 365	0.12	1	0	0	0	0	6	-	100%	100%	May-20	100%	0.1	-	0%
Tajikistan	9 321 018	0.00	0	0	0	0	0	3	-	100%	80%	May-20	100%	0.0	-	100%
Turkey ⁷	83 429 615	0.54	45	10	10	0	0	1103	0	100%	100%	May-20	99%	1.3	60%	97%
Turkmenistan ⁷	5 942 089	0.00	0	0	0	0	0	31	-	100%	100%	May-20	100%	0.5	-	100%
Ukraine	43 993 638	3.23	142	21	3	0	18	-	0	100%	100%	May-20	14%	-	90%	100%
United Kingdom	67 530 172	0.04	3	0	0	0	0	-	-	100%	100%	May-20	-	-	-	-
Uzbekistan	32 981 716	0.00	0	0	0	0	0	0	-	100%	80%	May-20	-	0.0	-	-
Region	930 166 592	0.68	633	138	29	0	109	1406	2	89%	83%		89%	0.3	61%	88%

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–May 2020 (data as of 03 July 2020)

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	15	3 (20)	-	-	0	-	-	-	100%	80%	May-20
Andorra											No lab
Armenia	18	0 (0)	-	-	18	0 (0)	-	-	80%	80%	Apr-20
Austria	548	17 (3)	B3,D8	100%	1711	0 (0)	-	-	100%	100%	May-20
Azerbaijan	9	2 (22)	-	-	2	1 (50)	-	-	40%	40%	Feb-20
Belarus	94	0 (0)	-	-	96	2 (2)	-	-	100%	60%	May-20
Belgium	-	-	D8	30%	-	-	-	-	-	-	No Report
Bosnia and Herzegovina	2	0 (0)	-	-	0	-	-	-	20%	20%	Jan-20
Bulgaria	334	260 (78)	-	-	137	0 (0)	-	-	80%	40%	Apr-20
Croatia	10	0 (0)	-	-	0	-	-	-	60%	60%	Apr-20
Cyprus	-	-	-	-	-	-	-	-	-	-	No report
Czech Republic	29	8 (28)	-	-	17	1 (6)	-	-	100%	100%	May-20
Denmark	170	13 (8)	D8	100%	7	1 (14)	-	-	100%	100%	May-20
Estonia	74	0 (0)	-	-	52	0 (0)	-	-	80%	80%	May-20
Finland	36	10 (28)	B3,D8	40%	34	1 (3)	-	-	100%	100%	May-20
France	-	-	D8	0%	-	-	-	-	-	-	No Report
Georgia	44	10 (23)	-	-	28	1 (4)	-	-	100%	80%	May-20
Germany	188	62 (33)	B3,D8	100%	70	4 (6)	-	-	100%	100%	May-20
Greece	0	-	-	-	0	-	-	-	20%	20%	Jan-20
Hungary	38	0 (0)	-	-	40	0 (0)	-	-	100%	100%	May-20
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	411	9 (2)	D8	0%	1017	2 (0)	-	-	100%	60%	May-20
Israel	241	21 (9)	-	-	454	107 (24)	-	-	100%	60%	May-20
Italy	356	139 (39)	B3,D8	35%	213	15 (7)	-	-	100%	100%	May-20
Kazakhstan	2430	1997 (82)	-	-	78	0 (0)	-	-	100%	60%	May-20
Kyrgyzstan	71	44 (62)	B3,D8	0%	70	0 (0)	-	-	80%	80%	Apr-20
Latvia	85	6 (7)	-	-	119	0 (0)	-	-	100%	40%	May-20
Lithuania	107	7 (7)	-	-	97	0 (0)	-	-	100%	100%	May-20
Luxembourg	5	0 (0)	-	-	0	-	-	-	100%	100%	May-20
Malta	10	3 (30)	-	-	106	0 (0)	-	-	40%	20%	Feb-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%	60%	May-20
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	62	17 (27)	D8	0%	3	0 (0)	-	-	100%	100%	May-20
Republic of Moldova	25	17 (68)	-	-	25	0 (0)	-	-	80%	80%	May-20
Romania	357	265 (74)	-	-	88	0 (0)	-	-	60%	60%	May-20
Russian Federation	2432	1310 (54)	B3,D8	12%	2033	14 (1)	-	-	100%	100%	May-20
San Marino											No lab
Serbia	7	0 (0)	-	-	7	1 (14)	-	-	60%	60%	Mar-20
Slovakia	7	0 (0)	-	-	6	0 (0)	-	-	100%	80%	May-20
Slovenia	224	14 (6)	D8	100%	73	0 (0)	-	-	100%	80%	May-20
Spain	-	-	B3	25%	-	-	-	-	-	-	No report
Sweden	323	16 (5)	B3,D8	80%	363	3 (1)	-	-	40%	40%	Feb-20
Switzerland	121	52 (43)	D8	7%	4	4 (100)	-	-	100%	100%	May-20
Tajikistan	72	34 (47)	D8	0%	71	0 (0)	-	-	40%	40%	Feb-20
Turkey	3364	886 (26)	-	-	2725	63 (2)	-	-	100%	80%	May-20
Turkmenistan	32	0 (0)	-	-	32	0 (0)	-	-	100%	100%	May-20
Ukraine	87	22 (25)	-	-	87	4 (5)	-	-	100%	80%	May-20
United Kingdom	1275	160 (13)	B3,D8	98%	542	4 (1)	-	-	100%	60%	May-20
Uzbekistan	153	136 (89)	-	-	153	0 (0)	-	-	40%	40%	Feb-20
Region	13871	5545 (40)	-	43%	10582	231 (2)	-	-	65%	55%	

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.

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