

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 July 2019—June 2020 (data as of 29 July 2020)

Country	Total Population in 2019 ¹	Incidence Rate July 2019–June 2020 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	
Albania	2 880 917	3.47	10	2	4	0	0	0	1	2	1	0	0	0	0	Jun-20
Andorra	77 142	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Armenia	2 957 731	1.01	3	0	0	1	2	0	0	0	0	0	0	0	0	Jun-20
Austria	8 955 102	4.91	44	7	4	2	1	2	3	2	11	12	0	0	0	Jun-20
Azerbaijan	10 047 718	0.20	2	0	0	0	0	0	0	0	2	0	0	0	0	Jun-20
Belarus	9 452 411	1.69	16	15	1	0	0	0	0	0	0	0	0	0	0	Jun-20
Belgium	11 539 328	14.73	170	25	14	10	29	32	15	25	11	4	4	0	1	Jun-20
Bosnia and Herzegovina	3 301 000	26.05	86	58	19	3	1	0	1	2	0	0	2	0	0	Jun-20
Bulgaria	7 000 119	63.00	441	76	35	15	11	18	41	94	80	54	16	1	0	Jun-20
Croatia	4 130 304	9.93	41	10	4	14	12	1	0	0	0	0	0	0	0	Jun-20
Cyprus	1 198 575	0.83	1	0	0	0	0	0	0	0	1	0	0	0	0	Jun-20
Czech Republic	10 689 209	1.96	21	9	3	0	2	3	0	1	2	0	0	1	0	Jun-20
Denmark	5 771 876	0.69	4	0	0	0	0	0	0	4	0	0	0	0	0	Jun-20
Estonia	1 325 648	2.26	3	1	1	0	0	0	1	0	0	0	0	0	0	Jun-20
Finland	5 532 156	1.63	9	0	0	0	0	4	0	2	2	0	1	0	0	Jun-20
France	65 129 728	13.14	856	311	109	56	61	49	40	87	77	61	3	2	0	Jun-20
Georgia	3 996 765	15.26	61	26	4	1	6	6	4	6	3	2	2	1	0	Jun-20
Germany	83 517 045	1.71	143	19	22	11	5	8	6	25	27	20	0	0	0	Jun-20
Greece	10 473 455	1.81	19	0	6	9	1	1	0	1	1	0	0	0	0	Jun-20
Hungary	9 684 679	0.10	1	1	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Iceland	339 031	5.90	2	1	0	0	0	0	1	0	0	0	0	0	0	Jun-20
Ireland	4 882 495	8.60	42	1	1	8	7	4	3	1	12	4	1	0	0	Jun-20
Israel	8 519 377	3.76	32	14	3	3	0	4	2	4	2	0	0	0	0	Jun-20
Italy	60 550 075	6.26	379	152	77	20	7	10	12	52	40	9	0	0	0	Jun-20
Kazakhstan	18 551 427	351.13	6514	586	402	283	424	576	978	1192	1003	652	354	63	1	Jun-20
Kyrgyzstan	6 415 850	129.37	830	24	18	22	2	5	54	159	202	273	58	13	0	Jun-20
Latvia	1 906 743	0.52	1	1	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Lithuania	2 759 627	5.80	16	14	0	0	0	0	1	0	1	0	0	0	0	Jun-20
Luxembourg	615 729	1.62	1	0	0	0	1	0	0	0	0	0	0	0	0	Jun-20
Malta	440 372	9.08	4	1	0	0	0	1	0	0	2	0	0	0	0	Jun-20
Monaco	38 964	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Montenegro	627 987	0.00	0	0	0	0	0	0	0	-	-	-	-	-	-	Dec-19
Netherlands	17 097 130	2.11	36	10	17	3	0	4	0	1	1	0	0	0	0	Jun-20
North Macedonia	2 083 459	22.08	46	31	12	2	1	0	0	0	-	-	-	-	-	Jan-20
Norway	5 378 857	1.12	6	0	2	0	0	0	0	3	1	0	0	0	0	Jun-20
Poland	37 887 768	2.82	107	41	9	5	6	2	8	6	6	17	4	2	1	Jun-20
Portugal	10 226 187	0.88	9	0	0	0	0	0	1	4	2	0	0	2	0	Jun-20
Republic of Moldova	4 043 263	12.86	52	11	10	2	2	8	2	2	1	14	0	0	0	Jun-20
Romania	19 364 557	81.18	1572	110	80	112	100	79	120	334	259	233	92	37	16	Jun-20
Russian Federation	145 872 256	12.28	1791	257	167	110	40	56	131	182	270	407	144	27	0	Jun-20
San Marino	33 860	29.53	1	1	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Serbia	8 772 235	0.68	6	0	0	0	1	4	1	0	0	0	0	0	0	Jun-20
Slovakia	5 457 013	2.20	12	5	7	0	0	0	0	0	0	0	0	0	0	Jun-20
Slovenia	2 078 654	17.80	37	1	1	0	0	7	22	5	1	0	0	0	0	Jun-20
Spain	46 736 776	2.48	116	13	12	6	1	3	10	37	30	3	0	0	1	Jun-20
Sweden	10 036 379	0.80	8	2	0	1	0	0	0	2	3	0	0	0	0	Jun-20
Switzerland	8 591 365	6.17	53	0	2	5	0	2	11	14	12	4	3	0	0	Jun-20
Tajikistan	9 321 018	18.13	169	0	0	0	1	0	0	57	44	59	8	0	0	Jun-20
Turkey	83 429 615	13.02	1086	159	76	39	53	67	104	139	217	192	26	11	3	Jun-20
Turkmenistan	5 942 089	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Ukraine	43 993 638	74.58	3281	1447	737	372	214	112	204	112	39	30	11	1	2	Jun-20
United Kingdom	67 530 172	4.92	332	87	42	29	49	15	26	50	23	9	0	2	0	Jun-20
Uzbekistan	32 981 716	157.69	5201	79	85	130	275	421	155	715	1618	1277	403	43	0	Jun-20
Region	930 166 592	25.45	23673	3608	1986	1274	1315	1504	1958	3322	4007	3336	1132	206	25	

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 July 2019—June 2020 (data as of 29 July 2020)

Country	Total Population in 2019 ¹	Incidence Rate July 2019–June 2020 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	
Albania	2 880 917	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Andorra	77 142	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Armenia	2 957 731	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Austria	8 955 102	0.11	1	0	0	0	0	0	0	0	0	0	0	0	1	Jun-20
Azerbaijan	10 047 718	0.40	4	0	0	0	0	2	0	1	0	1	0	0	0	Jun-20
Belarus	9 452 411	0.11	1	0	0	0	0	0	0	0	0	1	0	0	0	Jun-20
Belgium ²	11 539 328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 301 000	0.30	1	0	1	0	0	0	0	0	0	0	0	0	0	Jun-20
Bulgaria	7 000 119	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Croatia	4 130 304	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Cyprus	1 198 575	0.83	1	0	0	0	0	0	0	0	1	0	0	0	0	Jun-20
Czech Republic	10 689 209	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-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	Jun-20
Finland	5 532 156	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
France ²	65 129 728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 996 765	0.75	3	1	0	1	1	0	0	0	0	0	0	0	0	Jun-20
Germany	83 517 045	0.49	41	11	6	3	1	4	3	1	3	4	3	1	1	Jun-20
Greece	10 473 455	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Hungary	9 684 679	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Iceland	339 031	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Ireland	4 882 495	0.41	2	0	0	0	0	0	0	1	0	0	1	0	0	Jun-20
Israel	8 519 377	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Italy	60 550 075	0.33	20	0	2	1	0	1	4	9	3	0	0	0	0	Jun-20
Kazakhstan	18 551 427	0.16	3	0	0	3	0	0	0	0	0	0	0	0	0	Jun-20
Kyrgyzstan	6 415 850	0.16	1	0	0	0	0	1	0	0	0	0	0	0	0	Jun-20
Latvia	1 906 743	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Lithuania	2 759 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Luxembourg	615 729	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Malta	440 372	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Monaco	38 964	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Montenegro	627 987	0.00	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	Jun-20
North Macedonia	2 083 459	0.00	0	0	0	0	0	0	0	0	-	-	-	-	-	Jan-20
Norway	5 378 857	0.19	1	0	0	0	0	0	0	0	1	0	0	0	0	Jun-20
Poland	37 887 768	4.70	178	26	15	9	25	22	7	30	19	11	6	3	5	Jun-20
Portugal	10 226 187	0.20	2	0	0	0	1	0	0	0	1	0	0	0	0	Jun-20
Republic of Moldova	4 043 263	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Romania	19 364 557	0.31	6	1	0	2	0	0	0	1	1	1	0	0	-	May-20
Russian Federation	145 872 256	0.04	6	3	0	0	0	0	0	1	2	0	0	0	0	Jun-20
San Marino	33 860	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-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	Jun-20
Slovenia	2 078 654	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Spain	46 736 776	0.02	1	0	0	0	0	0	1	0	0	0	0	0	0	Jun-20
Sweden	10 036 379	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Switzerland	8 591 365	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Tajikistan	9 321 018	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Turkey	83 429 615	0.38	32	2	5	3	2	4	4	4	2	3	1	0	2	Jun-20
Turkmenistan	5 942 089	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Ukraine	43 993 638	1.64	72	6	15	12	7	0	8	6	11	1	3	1	2	Jun-20
United Kingdom	67 530 172	0.03	2	0	1	1	0	0	0	0	0	0	0	0	0	Jun-20
Uzbekistan	32 981 716	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-20
Region	930 166 592	0.41	378	50	45	35	37	34	27	54	44	22	14	5	11	

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–June 2020 (data as of 29 July 2020)

Country	Total Population in 2019 ¹	2019 (as of 29 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%	Jun-20	100%	-	0.4	100%	100%
Andorra	77 142	0.00	0	-	0	0	0	0	0	-	-	100%	83%	Jun-20	-	-	0.0	-	-
Armenia	2 957 731	2.37	7	0	0	0	0	0	18	-	-	100%	100%	Jun-20	100%	-	0.6	-	100%
Austria	8 955 102	16.86	151	0	25	20	3	2	1	1	0	100%	100%	Jun-20	91%	-	0.0	100%	8%
Azerbaijan	10 047 718	25.98	261	0	2	2	0	0	7	0	0	100%	83%	Jun-20	100%	-	0.1	100%	89%
Belarus ⁷	9 452 411	20.21	191	0	0	0	0	0	96	-	-	100%	100%	Jun-20	100%	-	1.0	-	0%
Belgium	11 539 328	41.68	481	0	45	14	6	25	-	0	0	100%	100%	Jun-20	-	-	-	-	-
Bosnia and Herzegovina	3 301 000	424.42	1401	0	4	0	0	4	-	0	0	100%	67%	Jun-20	-	-	-	-	-
Bulgaria	7 000 119	178.14	1247	0	245	227	7	11	-	2	2	100%	100%	Jun-20	97%	-	-	1%	100%
Croatia	4 130 304	12.59	52	0	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	0.0	-	-
Cyprus	1 198 575	5.01	6	0	1	1	0	0	-	1	0	100%	83%	Jun-20	100%	-	-	100%	100%
Czech Republic	10 689 209	53.98	577	0	4	4	0	0	-	1	0	100%	100%	Jun-20	100%	-	-	100%	0%
Denmark	5 771 876	2.60	15	0	4	4	0	0	-	0	0	100%	100%	Jun-20	100%	-	-	100%	0%
Estonia	1 325 648	20.37	27	0	0	0	0	0	31	-	-	100%	100%	Jun-20	100%	2.3	-	-	100%
Finland	5 532 156	2.17	12	0	5	5	0	0	-	2	0	100%	100%	Jun-20	100%	-	-	100%	0%
France	65 129 728	40.49	2637	2	230	158	31	41	-	14	0	100%	100%	Jun-20	94%	-	-	81%	0%
Georgia	3 996 765	980.79	3920	2	14	12	0	2	24	0	0	100%	83%	Jun-20	95%	-	0.6	93%	89%
Germany	83 517 045	6.07	507	0	72	53	14	5	-	7	0	100%	100%	Jun-20	91%	-	-	85%	0%
Greece	10 473 455	4.30	45	0	2	2	0	0	0	0	0	100%	100%	Jun-20	100%	-	0.0	100%	0%
Hungary	9 684 679	2.37	23	1	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	0.0	-	-
Iceland	339 031	26.55	9	0	0	0	0	0	-	-	-	100%	100%	Jun-20	-	-	-	-	-
Ireland	4 882 495	14.95	73	0	18	2	0	16	-	2	0	100%	100%	Jun-20	28%	-	-	28%	11%
Israel	8 519 377	120.67	1028	0	6	6	0	0	-	0	0	100%	100%	Jun-20	100%	-	-	0%	83%
Italy	60 550 075	26.75	1620	1	101	81	12	8	19	10	0	100%	100%	Jun-20	94%	-	0.0	82%	0%
Kazakhstan	18 551 427	718.33	13326	21	3265	2003	1004	258	-	0	5	100%	33%	Jun-20	-	-	-	-	-
Kyrgyzstan ⁷	6 415 850	358.95	2303	0	705	150	319	236	143	5	1	100%	100%	Jun-20	35%	2.2	100%	97%	97%
Latvia	1 906 743	1.05	2	0	0	0	0	0	-	-	-	100%	100%	Jun-20	-	-	-	-	-
Lithuania	2 759 627	301.49	832	0	1	1	0	0	-	1	0	100%	100%	Jun-20	100%	-	-	100%	100%
Luxembourg	615 729	38.98	24	0	0	0	0	0	2	-	-	100%	100%	Jun-20	100%	-	0.3	-	100%
Malta	440 372	72.67	32	0	2	2	0	0	-	0	0	100%	100%	Jun-20	100%	-	-	100%	0%
Monaco	38 964	0.00	0	-	0	0	0	0	0	-	-	100%	83%	Jun-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%	Jun-20	100%	-	-	50%	0%
North Macedonia	2 083 459	904.27	1884	5	0	0	0	0	-	-	-	17%	17%	Jan-20	-	-	-	-	-
Norway	5 378 857	3.16	17	0	4	4	0	0	-	2	0	100%	100%	Jun-20	100%	-	-	75%	100%
Poland	37 887 768	36.08	1367	0	36	18	1	17	-	0	0	100%	100%	Jun-20	-	-	-	-	-
Portugal	10 226 187	0.98	10	0	8	7	0	1	13	4	0	100%	100%	Jun-20	81%	-	0.1	50%	100%
Republic of Moldova	4 043 263	22.01	89	0	17	17	0	0	8	1	0	100%	100%	Jun-20	100%	-	0.2	100%	96%
Romania	19 364 557	89.65	1736	5	971	486	312	173	-	0	0	100%	100%	Jun-20	76%	-	-	100%	29%
Russian Federation	145 872 256	28.58	4169	0	1030	1008	21	1	823	28	0	100%	100%	Jun-20	100%	-	0.6	100%	37%
San Marino	33 860	324.87	11	0	0	0	0	0	0	-	-	100%	67%	Jun-20	-	-	0.0	-	-
Serbia	8 772 235	2.39	21	0	0	0	0	0	-	-	-	100%	100%	Jun-20	-	-	-	-	-
Slovakia	5 457 013	57.17	312	0	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	0.0	-	-
Slovenia	2 078 654	23.09	48	0	6	6	0	0	-	1	0	100%	100%	Jun-20	100%	-	-	100%	100%
Spain	46 736 776	6.25	292	0	71	70	1	0	36	1	0	100%	100%	Jun-20	100%	-	0.1	99%	47%
Sweden	10 036 379	1.99	20	0	5	5	0	0	-	4	0	100%	100%	Jun-20	100%	-	-	100%	0%
Switzerland	8 591 365	26.65	229	2	33	29	4	0	85	7	0	100%	100%	Jun-20	100%	-	1.0	88%	30%
Tajikistan	9 321 018	0.75	7	0	168	89	74	5	72	0	0	100%	83%	Jun-20	97%	-	0.8	1%	100%
Turkey ⁷	83 429 615	34.66	2892	3	588	588	0	0	1227	1	2	100%	100%	Jun-20	100%	-	1.5	21%	98%
Turkmenistan ⁷	5 942 089	0.00	0	-	0	0	0	0	46	-	-	100%	100%	Jun-20	100%	-	0.8	-	100%
Ukraine	43 993 638	1303.19	57332	20	195	59	7	129	-	1	0	100%	100%	Jun-20	32%	-	-	97%	99%
United Kingdom	67 530 172	13.06	882	1	84	84	0	0	-	7	0	100%	100%	Jun-20	100%	-	-	100%	0%
Uzbekistan	32 981 716	53.06	1750	0	4056	339	0	3717	1	241	0	100%	83%	Jun-20	10%	-	0.0	56%	90%
Region	930 166 592	112.28	104443	65	12028	5561	1816	4651	2664	345	10	97%	92%		59%	0.5	68%	72%	

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–June 2020 (data as of 29 July 2020)

Country	Total Population in 2019 ¹	2019 (as of 29 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%	Jun-20	100%	0.4	-	100%
Andorra	77 142	0.00	0	0	0	0	0	0	-	100%	83%	Jun-20	-	0.0	-	-
Armenia	2 957 731	0.00	0	0	0	0	0	0	-	100%	100%	Jun-20	-	0.0	-	-
Austria	8 955 102	0.00	0	1	0	1	0	-	0	100%	83%	Jun-20	-	-	0%	0%
Azerbaijan	10 047 718	0.20	2	2	2	0	0	1	0	100%	83%	Jun-20	67%	0.0	0%	100%
Belarus ⁷	9 452 411	0.00	0	1	1	0	0	96	0	100%	100%	Jun-20	100%	1.0	0%	0%
Belgium ⁸	11 539 328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 301 000	0.91	3	0	0	0	0	-	-	100%	67%	Jun-20	-	-	-	-
Bulgaria	7 000 119	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Croatia	4 130 304	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Cyprus	1 198 575	0.00	0	1	1	0	0	-	0	100%	83%	Jun-20	100%	-	0%	0%
Czech Republic	10 689 209	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Denmark ⁸	5 771 876	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 648	0.00	0	0	0	0	0	3	-	100%	100%	Jun-20	100%	0.2	-	100%
Finland	5 532 156	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
France ⁸	65 129 728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 996 765	2.25	9	0	0	0	0	8	-	100%	83%	Jun-20	75%	0.2	-	88%
Germany	83 517 045	0.68	57	13	4	0	9	-	0	100%	100%	Jun-20	31%	-	54%	0%
Greece	10 473 455	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Hungary	9 684 679	0.00	0	0	0	0	0	0	-	100%	100%	Jun-20	-	0.0	-	-
Iceland	339 031	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Ireland	4 882 495	0.20	1	2	1	0	1	-	1	100%	100%	Jun-20	50%	-	50%	100%
Israel	8 519 377	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Italy	60 550 075	0.40	24	12	3	0	9	4	0	100%	100%	Jun-20	81%	0.0	17%	0%
Kazakhstan	18 551 427	0.27	5	0	0	0	0	-	-	100%	33%	Jun-20	-	-	-	-
Kyrgyzstan ⁷	6 415 850	0.62	4	0	0	0	0	143	-	100%	100%	Jun-20	22%	2.2	-	94%
Latvia	1 906 743	1.05	2	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Lithuania	2 759 627	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Luxembourg	615 729	0.00	0	0	0	0	0	1	-	100%	100%	Jun-20	100%	0.2	-	100%
Malta	440 372	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Monaco	38 964	0.00	0	0	0	0	0	0	-	100%	83%	Jun-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%	Jun-20	-	-	-	-
North Macedonia	2 083 459	0.00	0	0	0	0	0	-	-	17%	17%	Jan-20	-	-	-	-
Norway	5 378 857	0.00	0	1	1	0	0	-	1	100%	100%	Jun-20	100%	-	100%	100%
Poland	37 887 768	7.71	292	74	0	0	74	-	0	100%	100%	Jun-20	-	-	-	-
Portugal	10 226 187	0.20	2	1	0	0	1	3	0	100%	100%	Jun-20	50%	0.0	100%	100%
Republic of Moldova	4 043 263	0.00	0	0	0	0	0	1	-	100%	100%	Jun-20	100%	0.0	-	100%
Romania	19 364 557	0.21	4	3	1	0	2	-	0	83%	83%	May-20	33%	-	100%	33%
Russian Federation	145 872 256	0.23	34	3	3	0	0	0	0	100%	100%	Jun-20	100%	0.0	100%	100%
San Marino	33 860	0.00	0	0	0	0	0	0	-	100%	50%	Jun-20	-	0.0	-	-
Serbia	8 772 235	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 457 013	0.00	0	0	0	0	0	0	-	100%	100%	Jun-20	-	0.0	-	-
Slovenia	2 078 654	0.00	0	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Spain	46 736 776	0.09	4	0	0	0	0	4	-	100%	100%	Jun-20	75%	0.0	-	50%
Sweden	10 036 379	0.00	0	0	0	0	0	0	-	100%	83%	Jun-20	-	0.0	-	-
Switzerland	8 591 365	0.12	1	0	0	0	0	6	-	100%	100%	Jun-20	100%	0.1	-	0%
Tajikistan	9 321 018	0.00	0	0	0	0	0	6	-	100%	83%	Jun-20	100%	0.1	-	100%
Turkey ⁷	83 429 615	0.58	48	12	12	0	0	1227	0	100%	100%	Jun-20	100%	1.5	67%	99%
Turkmenistan ⁷	5 942 089	0.00	0	0	0	0	0	46	-	100%	100%	Jun-20	100%	0.8	-	100%
Ukraine	43 993 638	3.23	142	24	3	0	21	-	0	100%	100%	Jun-20	13%	-	92%	100%
United Kingdom	67 530 172	0.04	3	0	0	0	0	-	-	100%	100%	Jun-20	-	-	-	-
Uzbekistan	32 981 716	0.00	0	0	0	0	0	0	-	100%	83%	Jun-20	-	0.0	-	-
Region	930 166 592	0.68	637	150	32	1	117	1561	2	89%	83%	Jun-20	91%	0.3	63%	90%

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–June 2020 (data as of 29 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	-	-	-	83%	67%	May-20
Andorra											No lab
Armenia	18	0 (0)	-	-	18	0 (0)	-	-	67%	67%	Apr-20
Austria	654	17 (3)	B3,D8	100%	2140	0 (0)	-	-	100%	100%	Jun-20
Azerbaijan	9	2 (22)	-	-	2	1 (50)	-	-	33%	33%	Feb-20
Belarus	101	0 (0)	-	-	103	2 (2)	-	-	100%	67%	Jun-20
Belgium	-	-	D8	30%	-	-	-	-	-	-	No report
Bosnia and Herzegovina	2	0 (0)	-	-	0	-	-	-	17%	17%	Jan-20
Bulgaria	334	260 (78)	-	-	137	0 (0)	-	-	67%	33%	Apr-20
Croatia	10	0 (0)	-	-	0	-	-	-	50%	50%	Apr-20
Cyprus	-	-	-	-	-	-	-	-	-	-	No report
Czech Republic	34	9 (26)	-	-	22	1 (5)	-	-	100%	100%	Jun-20
Denmark	196	13 (7)	D8	100%	9	2 (22)	-	-	100%	100%	Jun-20
Estonia	74	0 (0)	-	-	52	0 (0)	-	-	67%	67%	May-20
Finland	37	10 (27)	B3,D8	40%	35	1 (3)	-	-	100%	100%	Jun-20
France	-	-	D8	0%	-	-	-	-	-	-	No Report
Georgia	49	10 (20)	-	-	33	2 (6)	-	-	100%	83%	Jun-20
Germany	194	62 (32)	B3,D8	100%	75	4 (5)	-	-	100%	100%	Jun-20
Greece	0	-	-	-	0	-	-	-	17%	17%	Jan-20
Hungary	40	0 (0)	-	-	45	0 (0)	-	-	100%	100%	Jun-20
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	460	9 (2)	D8	0%	1209	2 (0)	-	-	100%	67%	Jun-20
Israel	261	23 (9)	-	-	536	137 (26)	-	-	100%	67%	Jun-20
Italy	356	139 (39)	B3,D8	35%	213	15 (7)	-	-	100%	100%	Jun-20
Kazakhstan	2430	1997 (82)	-	-	78	0 (0)	-	-	83%	50%	May-20
Kyrgyzstan	71	44 (62)	B3,D8	0%	70	0 (0)	-	-	67%	67%	Apr-20
Latvia	99	6 (6)	-	-	138	0 (0)	-	-	100%	50%	Jun-20
Lithuania	109	7 (6)	-	-	100	0 (0)	-	-	100%	100%	Jun-20
Luxembourg	6	0 (0)	-	-	0	-	-	-	100%	100%	Jun-20
Malta	10	3 (30)	-	-	106	0 (0)	-	-	33%	17%	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%	67%	Jun-20
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	62	17 (27)	D8	0%	3	0 (0)	-	-	83%	83%	May-20
Republic of Moldova	27	17 (63)	-	-	27	0 (0)	-	-	83%	83%	Jun-20
Romania	357	265 (74)	-	-	88	0 (0)	-	-	50%	50%	May-20
Russian Federation	2507	1325 (53)	B3,D8	12%	2095	14 (1)	-	-	100%	100%	Jun-20
San Marino											No lab
Serbia	7	0 (0)	-	-	7	1 (14)	-	-	50%	50%	Mar-20
Slovakia	7	0 (0)	-	-	10	0 (0)	-	-	100%	83%	Jun-20
Slovenia	234	14 (6)	D8	100%	75	0 (0)	-	-	100%	83%	Jun-20
Spain	-	-	B3	25%	-	-	-	-	-	-	No report
Sweden	323	16 (5)	B3,D8	80%	363	3 (1)	-	-	33%	33%	Feb-20
Switzerland	126	53 (42)	D8	6%	4	4 (100)	-	-	100%	100%	Jun-20
Tajikistan	72	34 (47)	D8	0%	71	0 (0)	-	-	33%	33%	Feb-20
Turkey	3513	891 (25)	-	-	2866	69 (2)	-	-	100%	83%	Jun-20
Turkmenistan	46	0 (0)	-	-	46	0 (0)	-	-	100%	100%	Jun-20
Ukraine	98	23 (23)	-	-	98	4 (4)	-	-	100%	83%	Jun-20
United Kingdom	1345	161 (12)	B3,D8	98%	602	4 (1)	-	-	100%	67%	Jun-20
Uzbekistan	153	136 (89)	-	-	153	0 (0)	-	-	33%	33%	Feb-20
Region	14451	5571 (39)	-	42%	11633	269 (2)	-	-	61%	54%	

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.

