

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 August 2020—July 2021 (data as of 01 September 2021)

Country	Total Population in 2021 ¹	Incidence Rate August 2020–July 2021 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	
Albania	2 872 933	0.35	1	0	0	0	0	1	0	0	0	0	0	0	0	Jul-21
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Azerbaijan	10 223 342	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Belarus	9 442 862	0.32	3	0	0	0	0	0	0	0	0	1	2	0	0	Jul-21
Belgium	11 632 326	1.72	20	1	2	3	2	1	0	0	5	0	0	3	3	Jul-21
Bosnia and Herzegovina	3 263 466	0.00	0	0	0	0	-	-	-	-	-	-	-	-	-	Oct-20
Bulgaria	6 896 663	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-21
Cyprus	1 215 584	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Denmark	5 813 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-21
Finland	5 548 360	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
France	65 426 179	0.18	12	2	0	0	0	3	2	2	1	0	1	0	1	Jul-21
Georgia	3 979 765	1.51	6	1	1	0	1	2	0	0	0	0	0	0	1	Jul-21
Germany	83 900 473	0.06	5	0	0	1	0	0	1	1	0	1	1	0	-	Jun-21
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Ireland	4 982 907	1.20	6	1	1	2	1	0	1	0	0	0	0	0	0	Jul-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Italy	60 367 477	0.05	3	0	0	0	0	0	0	0	0	0	0	1	2	Jul-21
Kazakhstan	18 994 962	0.32	6	3	0	0	1	0	1	0	0	0	0	1	0	Jul-21
Kyrgyzstan	6 628 356	0.91	6	0	0	0	0	2	0	0	2	2	0	0	0	Jul-21
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Monaco	39 520	0.00	0	0	0	0	-	0	0	0	0	0	0	0	0	Jul-21
Montenegro	628 053	0.00	0	-	-	-	-	-	0	0	0	0	0	0	-	Jun-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Poland	37 797 005	0.34	13	0	1	1	0	0	0	0	5	1	4	1	0	Jul-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Romania	19 127 774	0.26	5	4	0	0	0	0	0	0	0	1	0	0	0	Jul-21
Russian Federation	145 912 025	0.01	1	0	0	0	0	0	0	0	0	0	1	0	0	Jul-21
San Marino	34 010	0.00	0	0	0	-	-	-	-	-	-	-	-	-	-	Sep-20
Serbia	8 697 550	0.11	1	0	0	0	0	0	1	0	0	0	0	0	-	Jun-21
Slovakia	5 460 721	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Spain	46 745 216	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Turkey	85 042 738	0.35	30	1	0	4	3	0	5	0	2	1	7	2	5	Jul-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Ukraine	43 466 819	0.58	25	4	4	4	3	0	0	4	3	0	0	0	3	Jul-21
United Kingdom	68 207 116	0.03	2	0	0	0	0	0	0	0	1	1	0	0	0	Jul-21
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Region	935 010 911	0.16	145	17	9	15	11	9	11	7	19	8	16	8	15	

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 August 2020—July 2021 (data as of 01 September 2021)

Country	Total Population in 2021 ¹	Incidence Rate August 2020-July 2021 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Azerbaijan	10 223 342	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Belarus	9 442 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Belgium ²	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.00	0	0	0	0	-	-	-	-	-	-	-	-	-	Oct-20
Bulgaria	6 896 663	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-21
Cyprus	1 215 584	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Denmark ²	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-21
Finland	5 548 360	0.18	1	0	0	0	0	0	0	0	0	0	0	1	0	Jul-21
France ²	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Germany	83 900 473	0.12	10	2	1	0	1	0	1	1	1	0	3	0	-	Jun-21
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Ireland	4 982 907	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Italy	60 367 477	0.05	3	0	0	0	0	2	0	0	0	0	1	0	0	Jul-21
Kazakhstan	18 994 962	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Kyrgyzstan	6 628 356	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Monaco	39 520	0.00	0	0	0	0	-	0	0	0	0	0	0	0	0	Jul-21
Montenegro	628 053	0.00	0	-	-	-	-	-	0	0	0	0	0	0	-	Jun-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Poland	37 797 005	1.27	48	3	3	2	3	5	2	4	4	3	9	2	8	Jul-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Romania	19 127 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Russian Federation	145 912 025	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
San Marino	34 010	0.00	0	0	0	-	-	-	-	-	-	-	-	-	-	Sep-20
Serbia	8 697 550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No report
Slovakia	5 460 721	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Spain	46 745 216	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Turkey	85 042 738	0.09	8	0	0	1	0	2	0	0	2	0	0	0	3	Jul-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Ukraine	43 466 819	0.23	10	0	0	0	0	1	8	0	0	1	0	0	0	Jul-21
United Kingdom	68 207 116	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-21
Region	935 010 911	0.09	80	5	4	3	4	10	11	5	7	4	13	3	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—July 2021 (data as of 01 September 2021)

Country	Total Population in 2021 ¹	2020 (as of 01 September 2021)			2021													
		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	2 872 933	1.39	4	0	0	0	0	0	2	-	-	100%	100%	Jul-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	-	0	0	0	0	0	-	-	100%	86%	Jul-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	-	0	0	0	0	15	-	-	100%	100%	Jul-21	100%	0.5	-	93%
Austria	9 043 070	2.78	25	0	0	0	0	0	0	-	-	100%	86%	Jul-21	-	0.0	-	-
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	11	-	-	100%	100%	Jul-21	100%	0.1	-	100%
Belarus ⁷	9 442 862	0.00	0	-	3	3	0	0	148	0	0	100%	100%	Jul-21	100%	1.6	0%	0%
Belgium	11 632 326	5.18	60	0	11	3	0	8	-	-	0	100%	100%	Jul-21	-	-	-	-
Bosnia and Herzegovina	3 263 466	1.22	4	0	-	-	-	-	-	-	-	0%	0%	Oct-20	-	-	-	-
Bulgaria	6 896 663	35.26	245	2	0	0	0	0	-	-	-	100%	100%	Jul-21	-	-	-	-
Croatia	4 081 651	0.00	0	-	0	0	0	0	0	-	-	86%	71%	Jun-21	-	0.0	-	-
Cyprus	1 215 584	0.83	1	0	0	0	0	0	-	-	-	100%	100%	Jul-21	-	-	-	-
Czech Republic	10 724 555	0.37	4	0	0	0	0	0	-	-	-	100%	86%	Jul-21	-	-	-	-
Denmark	5 813 298	0.69	4	0	0	0	0	0	-	-	-	100%	100%	Jul-21	-	-	-	-
Estonia	1 325 185	0.00	0	-	0	0	0	0	7	-	-	86%	86%	Jun-21	100%	0.5	-	100%
Finland	5 548 360	0.90	5	0	0	0	0	0	-	-	-	100%	100%	Jul-21	-	-	-	-
France	65 426 179	3.68	240	0	7	5	0	2	-	1	0	100%	86%	Jul-21	71%	-	100%	0%
Georgia	3 979 765	5.01	20	0	1	1	0	0	16	0	0	100%	100%	Jul-21	100%	0.4	100%	94%
Germany	83 900 473	0.87	73	0	4	3	0	1	-	0	0	86%	71%	Jun-21	75%	-	0	0%
Greece	10 370 744	0.19	2	0	0	0	0	0	0	-	-	100%	86%	Jul-21	-	0.0	-	-
Hungary	9 634 164	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jul-21	-	0.0	-	-
Iceland	343 353	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jul-21	-	-	-	-
Ireland	4 982 907	3.85	19	0	1	0	0	1	-	0	0	100%	71%	Jul-21	0%	-	0%	0%
Israel	8 789 774	0.69	6	0	0	0	0	0	-	-	-	100%	71%	Jul-21	-	-	-	-
Italy	60 367 477	1.70	103	0	3	0	0	3	7	0	0	100%	86%	Jul-21	70%	0.0	0	0%
Kazakhstan	18 994 962	174.10	3269	5	2	2	0	0	-	-	0	100%	71%	Jul-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	109.44	714	1	4	1	0	3	0	0	0	100%	43%	Jul-21	25%	0.0	100%	100%
Latvia	1 866 942	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jul-21	-	-	-	-
Lithuania	2 689 862	0.37	1	0	0	0	0	0	-	-	-	100%	86%	Jul-21	-	-	-	-
Luxembourg	634 814	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jul-21	-	0.0	-	-
Malta	442 784	4.53	2	0	0	0	0	0	-	-	-	100%	86%	Jul-21	-	-	-	-
Monaco	39 520	0.00	0	-	0	0	0	0	0	-	-	100%	57%	Jul-21	-	0.0	-	-
Montenegro	628 053	0.00	0	-	0	0	0	0	0	-	-	86%	14%	Jun-21	-	0.0	-	-
Netherlands	17 173 099	0.12	2	0	0	0	0	0	-	-	-	100%	100%	Jul-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	-	0	0	0	0	-	-	-	100%	43%	Jul-21	-	-	-	-
Norway	5 465 630	0.74	4	0	0	0	0	0	-	-	-	100%	100%	Jul-21	-	-	-	-
Poland	37 797 005	0.79	30	0	11	6	0	5	-	-	0	100%	100%	Jul-21	-	-	-	-
Portugal	10 167 925	0.88	9	0	0	0	0	0	0	-	-	100%	100%	Jul-21	-	0.0	-	-
Republic of Moldova	4 024 019	4.21	17	0	0	0	0	0	40	-	-	100%	100%	Jul-21	100%	1.0	-	100%
Romania	19 127 774	50.73	976	0	1	1	0	0	-	0	0	100%	86%	Jul-21	100%	-	100%	100%
Russian Federation	145 912 025	7.54	1100	0	1	1	0	0	840	0	0	100%	86%	Jul-21	100%	0.6	100%	6%
San Marino	34 010	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Sep-20	-	-	-	-
Serbia	8 697 550	0.00	0	-	1	1	0	0	-	-	0	86%	86%	Jun-21	-	-	-	-
Slovakia	5 460 721	0.00	0	-	0	0	0	0	0	-	-	100%	86%	Jul-21	-	0.0	-	-
Slovenia	2 078 724	2.89	6	0	0	0	0	0	-	-	-	100%	86%	Jul-21	-	-	-	-
Spain	46 745 216	1.99	93	0	0	0	0	0	7	-	-	86%	71%	Jun-21	100%	0.0	-	100%
Sweden	10 160 169	0.50	5	0	0	0	0	0	-	-	-	100%	100%	Jul-21	-	-	-	-
Switzerland	8 715 494	3.93	34	0	0	0	0	0	39	-	-	100%	86%	Jul-21	100%	0.4	-	5%
Tajikistan	9 749 627	17.61	168	0	0	0	0	0	41	-	-	100%	100%	Jul-21	100%	0.4	-	100%
Turkey ⁷	85 042 738	7.15	603	2	22	20	1	1	400	0	0	100%	71%	Jul-21	100%	0.5	64%	97%
Turkmenistan ⁷	6 117 924	0.00	0	-	0	0	0	0	47	-	-	100%	100%	Jul-21	100%	0.8	-	100%
Ukraine	43 466 819	4.82	211	0	10	2	0	8	41	0	0	100%	100%	Jul-21	75%	0.1	90%	100%
United Kingdom	68 207 116	1.24	84	0	2	2	0	0	-	1	0	100%	100%	Jul-21	100%	-	100%	0%
Uzbekistan	33 935 763	121.10	4053	0	0	0	0	0	0	-	-	100%	43%	Jul-21	-	0.0	-	-
Region	935 010 911	13.08	12198	10	84	51	1	32	1661	2	0	95%	83%		99%	0.3	66%	41%

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—July 2021 (data as of 01 September 2021)

Country	Total Population in 2021 ¹	2020 (as of 01 September 2021)		2021												
		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	2 872 933	0.00	0	0	0	0	0	2	-	100%	100%	Jul-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	0	0	0	0	0	-	100%	86%	Jul-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	0	0	0	0	0	-	100%	100%	Jul-21	-	0.0	-	-
Austria	9 043 070	0.11	1	0	0	0	0	-	-	100%	86%	Jul-21	-	-	-	-
Azerbaijan	10 223 342	0.30	3	0	0	0	0	6	-	100%	100%	Jul-21	100%	0.1	-	100%
Belarus ⁷	9 442 862	0.11	1	0	0	0	0	148	-	100%	100%	Jul-21	100%	1.6	-	0%
Belgium ⁸	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.00	0	-	-	-	-	-	-	0%	0%	Oct-20	-	-	-	-
Bulgaria	6 896 663	0.00	0	0	0	0	0	-	-	100%	100%	Jul-21	-	-	-	-
Croatia	4 081 651	0.00	0	0	0	0	0	-	-	86%	71%	Jun-21	-	-	-	-
Cyprus	1 215 584	0.83	1	0	0	0	0	-	-	100%	100%	Jul-21	-	-	-	-
Czech Republic	10 724 555	0.00	0	0	0	0	0	-	-	100%	86%	Jul-21	-	-	-	-
Denmark ⁸	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	4	-	86%	86%	Jun-21	100%	0.3	-	100%
Finland	5 548 360	0.00	0	1	1	0	0	-	0	100%	100%	Jul-21	100%	-	100%	0%
France ⁸	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	2	-	100%	100%	Jul-21	50%	0.1	-	100%
Germany	83 900 473	0.20	17	6	3	0	3	-	0	86%	71%	Jun-21	50%	-	0%	0%
Greece	10 370 744	0.00	0	0	0	0	0	-	-	100%	86%	Jul-21	-	-	-	-
Hungary	9 634 164	0.00	0	0	0	0	0	0	-	100%	100%	Jul-21	-	0.0	-	-
Iceland	343 353	0.00	0	0	0	0	0	-	-	100%	100%	Jul-21	-	-	-	-
Ireland	4 982 907	0.41	2	0	0	0	0	-	-	100%	71%	Jul-21	-	-	-	-
Israel	8 789 774	0.00	0	0	0	0	0	-	-	100%	71%	Jul-21	-	-	-	-
Italy	60 367 477	0.25	15	1	0	0	1	0	0	100%	86%	Jul-21	100%	0.0	0%	0%
Kazakhstan	18 994 962	0.05	1	0	0	0	0	-	-	100%	71%	Jul-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.00	0	0	0	0	0	0	-	100%	43%	Jul-21	-	0.0	-	-
Latvia	1 866 942	0.00	0	0	0	0	0	-	-	100%	100%	Jul-21	-	-	-	-
Lithuania	2 689 862	0.00	0	0	0	0	0	-	-	100%	86%	Jul-21	-	-	-	-
Luxembourg	634 814	0.00	0	0	0	0	0	0	-	100%	100%	Jul-21	-	0.0	-	-
Malta	442 784	0.00	0	0	0	0	0	-	-	100%	86%	Jul-21	-	-	-	-
Monaco	39 520	0.00	0	0	0	0	0	0	-	100%	57%	Jul-21	-	0.0	-	-
Montenegro	628 053	-	-	0	0	0	0	0	-	86%	14%	Jun-21	-	0.0	-	-
Netherlands	17 173 099	0.00	0	0	0	0	0	-	-	100%	100%	Jul-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	0	0	0	0	-	-	100%	43%	Jul-21	-	-	-	-
Norway	5 465 630	0.18	1	0	0	0	0	-	-	100%	100%	Jul-21	-	-	-	-
Poland	37 797 005	2.54	96	32	1	0	31	-	-	100%	100%	Jul-21	-	-	-	-
Portugal	10 167 925	0.20	2	0	0	0	0	3	-	100%	100%	Jul-21	67%	0.0	-	67%
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	-	100%	100%	Jul-21	-	0.0	-	-
Romania	19 127 774	0.26	5	0	0	0	0	-	-	100%	86%	Jul-21	-	-	-	-
Russian Federation	145 912 025	0.02	3	0	0	0	0	0	-	100%	86%	Jul-21	-	0.0	-	-
San Marino	34 010	0.00	0	-	-	-	-	-	-	0%	0%	Sep-20	-	-	-	-
Serbia	8 697 550	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 460 721	0.00	0	0	0	0	0	0	-	100%	86%	Jul-21	-	0.0	-	-
Slovenia	2 078 724	0.00	0	0	0	0	0	-	-	100%	86%	Jul-21	-	-	-	-
Spain	46 745 216	0.00	0	0	0	0	0	0	-	86%	71%	Jun-21	-	0.0	-	-
Sweden	10 160 169	0.00	0	0	0	0	0	0	-	100%	100%	Jul-21	-	0.0	-	-
Switzerland	8 715 494	0.00	0	0	0	0	0	23	-	100%	86%	Jul-21	96%	0.3	-	9%
Tajikistan	9 749 627	0.00	0	0	0	0	0	9	-	100%	100%	Jul-21	100%	0.1	-	100%
Turkey ⁷	85 042 738	0.18	15	5	4	0	1	400	0	100%	71%	Jul-21	100%	0.5	100%	97%
Turkmenistan ⁷	6 117 924	0.00	0	0	0	0	0	47	-	100%	100%	Jul-21	100%	0.8	-	100%
Ukraine	43 466 819	0.62	27	9	1	0	8	33	0	100%	100%	Jul-21	76%	0.1	100%	100%
United Kingdom	68 207 116	0.00	0	0	0	0	0	-	-	100%	100%	Jul-21	-	-	-	-
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	-	100%	43%	Jul-21	-	0.0	-	-
Region	935 010 911	0.20	190	54	10	0	44	677	0	87%	76%		98%	0.1	68%	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: 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—July 2021 (data as of 01 September 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	2	0 (0)	-	-	0	-	-	-	100%	57%	Jul-21
Andorra											No lab
Armenia	0	-	-	-	0	-	-	-	29%	14%	Feb-21
Austria	697	0 (0)	-	-	2823	0 (0)	-	-	100%	86%	Jul-21
Azerbaijan	13	0 (0)	-	-	6	0 (0)	-	-	86%	71%	Jul-21
Belarus	-	-	B3	100%	-	-	-	-	-	-	No report
Belgium	-	-	-	-	-	-	-	-	-	-	No report
Bosnia and Herzegovina	-	-	-	-	-	-	-	-	-	-	No report
Bulgaria	17	0 (0)	-	-	14	0 (0)	-	-	100%	86%	Jul-21
Croatia	0	-	-	-	0	-	-	-	57%	43%	Apr-21
Cyprus	19	0 (0)	-	-	33	0 (0)	-	-	100%	29%	Jul-21
Czech Republic	9	1 (11)	-	-	20	1 (5)	-	-	100%	100%	Jul-21
Denmark	178	2 (1)	-	-	16	2 (13)	-	-	100%	86%	Jul-21
Estonia	16	0 (0)	-	-	6	0 (0)	-	-	100%	71%	Jul-21
Finland	6	0 (0)	-	-	7	2 (29)	-	-	100%	71%	Jul-21
France	-	-	-	-	-	-	-	-	-	-	No report
Georgia	15	2 (13)	-	-	13	5 (38)	-	-	57%	29%	Apr-21
Germany	49	3 (6)	-	-	27	1 (4)	-	-	100%	100%	Jul-21
Greece	-	-	-	-	-	-	-	-	-	-	No report
Hungary	33	0 (0)	-	-	37	0 (0)	-	-	100%	100%	Jul-21
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	78	0 (0)	-	-	630	0 (0)	-	-	43%	43%	Mar-21
Israel	120	6 (5)	-	-	778	175 (22)	-	-	100%	57%	Jul-21
Italy	51	4 (8)	-	-	15	0 (0)	-	-	100%	100%	Jul-21
Kazakhstan	37	2 (5)	-	-	13	0 (0)	-	-	100%	100%	Jul-21
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	43	0 (0)	-	-	84	1 (1)	-	-	86%	86%	Jul-21
Lithuania	20	0 (0)	-	-	22	1 (5)	-	-	100%	86%	Jul-21
Luxembourg	6	0 (0)	-	-	0	-	-	-	100%	86%	Jul-21
Malta	11	1 (9)	-	-	169	1 (1)	-	-	43%	43%	Jul-21
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	-	-	-	-	-	-	-	-	-	-	No report
North Macedonia	-	-	B3	0%	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	100%	86%	Jul-21
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	0	-	-	-	1	1 (100)	-	-	86%	86%	Jul-21
Republic of Moldova	42	0 (0)	-	-	42	0 (0)	-	-	100%	100%	Jul-21
Romania	12	0 (0)	-	-	13	0 (0)	-	-	86%	29%	Jun-21
Russian Federation	1104	14 (1)	-	-	1102	9 (1)	-	-	100%	100%	Jul-21
San Marino											No lab
Serbia	8	1 (13)	-	-	8	0 (0)	-	-	71%	71%	Jul-21
Slovakia	6	0 (0)	-	-	4	0 (0)	-	-	100%	100%	Jul-21
Slovenia	28	0 (0)	-	-	7	0 (0)	-	-	100%	100%	Jul-21
Spain	-	-	-	-	-	-	-	-	-	-	No report
Sweden	539	5 (1)	-	-	1174	10 (1)	-	-	100%	100%	Jul-21
Switzerland	34	0 (0)	-	-	10	10 (100)	-	-	100%	86%	Jul-21
Tajikistan	5	0 (0)	-	-	5	0 (0)	-	-	14%	14%	Jan-21
Turkey	815	45 (6)	-	-	719	60 (8)	-	-	100%	71%	Jul-21
Turkmenistan	46	0 (0)	-	-	46	0 (0)	-	-	86%	86%	Jun-21
Ukraine	47	0 (0)	-	-	47	0 (0)	-	-	100%	86%	Jul-21
United Kingdom	423	17 (4)	B3	100%	294	0 (0)	-	-	100%	71%	Jul-21
Uzbekistan	-	-	-	-	-	-	-	-	-	-	No report
Region	4529	103 (2)	-	60%	8185	279 (3)	-	-	61%	51%	

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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