

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 January—December 2021 (data as of 31 January 2022)

Country	Total Population in 2021 ¹	Incidence Rate January–December 2021 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Nov-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Austria	9 043 070	0.11	1	0	0	0	0	0	0	0	0	0	0	1	0	Dec-21
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	0	0	0	0	2	0	0	Dec-21
Belarus	9 442 862	0.32	3	0	0	0	1	2	0	0	0	0	0	0	0	Dec-21
Belgium	11 632 326	1.38	16	0	0	5	0	0	3	3	0	0	1	1	3	Dec-21
Bosnia and Herzegovina	3 263 466	0.31	1	1	0	0	0	0	0	0	0	-	-	-	-	Aug-21
Bulgaria	6 896 663	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Cyprus	1 215 584	0.82	1	0	0	0	0	0	0	0	0	0	0	0	1	Dec-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Denmark	5 813 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Finland	5 548 360	0.54	3	0	0	0	0	0	0	0	2	1	0	0	0	Dec-21
France	65 426 179	0.20	13	2	2	1	0	1	0	2	0	0	3	0	2	Dec-21
Georgia	3 979 765	1.26	5	0	0	0	0	0	0	1	0	1	1	2	0	Dec-21
Germany	83 900 473	0.07	6	1	1	0	1	1	0	0	0	0	2	0	0	Dec-21
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Ireland	4 982 907	0.80	4	1	0	0	0	0	0	0	1	0	0	1	1	Dec-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Italy	60 367 477	0.13	8	0	0	0	0	1	1	1	2	1	1	1	0	Dec-21
Kazakhstan	18 994 962	0.11	2	1	0	0	0	0	1	0	0	0	0	0	0	Dec-21
Kyrgyzstan	6 628 356	0.45	3	0	0	1	2	0	0	0	0	0	0	0	0	Dec-21
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Monaco	39 520	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Montenegro	628 053	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Poland	37 797 005	0.37	14	0	0	5	1	2	1	0	3	0	1	1	0	Dec-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Romania	19 127 774	0.05	1	0	0	0	1	0	0	0	0	0	0	0	0	Dec-21
Russian Federation	145 912 025	0.01	1	0	0	0	0	1	0	0	0	0	0	0	0	Dec-21
San Marino	34 010	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Serbia	8 697 550	0.11	1	1	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Slovakia	5 460 721	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Spain	46 745 216	0.04	2	0	0	0	0	0	0	0	0	1	1	0	0	Dec-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Tajikistan	9 749 627	1.03	10	0	0	0	0	0	0	0	0	0	0	0	10	Dec-21
Turkey	85 042 738	0.60	51	4	0	2	0	7	2	6	0	8	5	7	10	Dec-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Ukraine	43 466 819	0.37	16	0	4	3	0	0	0	3	1	2	0	2	1	Dec-21
United Kingdom	68 207 116	0.03	2	0	0	1	1	0	0	0	0	0	0	0	0	Dec-21
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Region	935 010 911	0.18	166	11	7	18	7	15	8	16	9	14	17	16	28	

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 January–December 2021 (data as of 31 January 2022)

Country	Total Population in 2021 ¹	Incidence Rate January–December 2021 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Nov-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	0	0	0	2	0	0	0	Dec-21
Belarus	9 442 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Belgium ²	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.31	1	0	0	0	1	0	0	0	0	-	-	-	-	Aug-21
Bulgaria	6 896 663	0.14	1	0	0	0	0	0	0	0	0	0	0	1	0	Dec-21
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Cyprus	1 215 584	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-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	Dec-21
Finland	5 548 360	0.36	2	0	0	0	0	0	1	0	0	0	0	1	0	Dec-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	Dec-21
Germany	83 900 473	0.08	7	1	1	1	0	2	0	0	0	0	2	0	0	Dec-21
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Ireland	4 982 907	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Italy	60 367 477	0.03	2	0	0	0	0	0	0	0	0	1	1	0	0	Dec-21
Kazakhstan	18 994 962	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Kyrgyzstan	6 628 356	0.15	1	0	0	1	0	0	0	0	0	0	0	0	0	Dec-21
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Monaco	39 520	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Montenegro	628 053	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Poland	37 797 005	1.32	50	2	4	4	3	8	2	8	1	4	6	4	4	Dec-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Romania	19 127 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Russian Federation	145 912 025	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
San Marino	34 010	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
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	Dec-21
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Spain	46 745 216	0.02	1	0	0	0	0	0	0	0	0	0	0	0	1	Dec-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Turkey	85 042 738	0.18	15	0	0	2	0	0	0	3	2	2	2	1	3	Dec-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Ukraine	43 466 819	0.44	19	8	0	0	1	0	0	0	6	1	1	1	1	Dec-21
United Kingdom	68 207 116	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-21
Region	935 010 911	0.11	101	11	5	8	5	10	3	11	9	10	12	8	9	

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—December 2021 (data as of 31 January 2022)

Country	Total Population in 2021 ¹	2020 (as of 31 January 2022)			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%	92%	Dec-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	-	0	0	0	0	0	-	-	92%	83%	Nov-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	-	0	0	0	0	22	-	-	100%	75%	Dec-21	100%	0.7	-	95%
Austria	9 043 070	2.78	25	0	1	1	0	0	2	1	0	100%	92%	Dec-21	100%	0.0	100%	0%
Azerbaijan	10 223 342	0.20	2	0	2	0	0	2	65	0	0	100%	100%	Dec-21	97%	0.6	0%	97%
Belarus ⁷	9 442 862	0.00	0	-	3	3	0	0	240	0	0	100%	83%	Dec-21	100%	2.5	0%	0%
Belgium	11 632 326	5.18	60	0	16	4	1	11	-	-	0	100%	100%	Dec-21	-	-	-	-
Bosnia and Herzegovina	3 263 466	1.22	4	0	1	0	0	1	-	-	0	67%	0%	Aug-21	-	-	-	-
Bulgaria	6 896 663	35.26	245	2	0	0	0	0	-	-	-	100%	100%	Dec-21	-	-	-	-
Croatia	4 081 651	0.00	0	-	0	0	0	0	0	-	-	100%	58%	Dec-21	-	0.0	-	-
Cyprus	1 215 584	0.83	1	0	1	1	0	0	-	0	0	100%	100%	Dec-21	100%	-	100%	100%
Czech Republic	10 724 555	0.37	4	0	0	0	0	0	-	-	-	100%	92%	Dec-21	-	-	-	-
Denmark	5 813 298	0.69	4	0	0	0	0	0	-	-	-	100%	100%	Dec-21	-	-	-	-
Estonia	1 325 185	0.00	0	-	0	0	0	0	21	-	-	100%	83%	Dec-21	100%	1.6	-	100%
Finland	5 548 360	0.90	5	0	3	3	0	0	-	1	0	100%	92%	Dec-21	100%	-	33%	0%
France	65 426 179	3.68	240	0	13	10	0	3	-	3	0	100%	83%	Dec-21	77%	-	100%	0%
Georgia	3 979 765	5.01	20	0	5	3	0	2	23	0	0	100%	100%	Dec-21	93%	0.6	80%	93%
Germany	83 900 473	0.87	73	0	6	4	0	2	-	0	0	100%	92%	Dec-21	67%	-	0	0%
Greece	10 370 744	0.19	2	0	0	0	0	0	0	-	-	100%	83%	Dec-21	-	0.0	-	-
Hungary	9 634 164	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Dec-21	-	0.0	-	-
Iceland	343 353	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Dec-21	-	-	-	-
Ireland	4 982 907	3.85	19	0	4	0	0	4	-	0	0	100%	83%	Dec-21	50%	-	75%	50%
Israel	8 789 774	0.69	6	0	0	0	0	0	-	-	-	100%	67%	Dec-21	-	-	-	-
Italy	60 367 477	1.74	105	0	8	4	0	4	10	1	0	100%	92%	Dec-21	72%	0.0	75%	0%
Kazakhstan	18 994 962	174.10	3269	5	2	2	0	0	-	-	0	100%	75%	Dec-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	109.59	715	1	3	3	0	0	64	0	0	100%	58%	Dec-21	55%	1.0	0	97%
Latvia	1 866 942	0.00	0	-	0	0	0	0	-	-	-	100%	83%	Dec-21	-	-	-	-
Lithuania	2 689 862	0.37	1	0	0	0	0	0	-	-	-	100%	92%	Dec-21	-	-	-	-
Luxembourg	634 814	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Dec-21	-	0.0	-	-
Malta	442 784	4.53	2	0	0	0	0	0	-	-	-	100%	83%	Dec-21	-	-	-	-
Monaco	39 520	0.00	0	-	0	0	0	0	0	-	-	100%	67%	Dec-21	-	0.0	-	-
Montenegro	628 053	0.00	0	-	0	0	0	0	0	-	-	100%	42%	Dec-21	-	0.0	-	-
Netherlands	17 173 099	0.12	2	0	0	0	0	0	-	-	-	100%	100%	Dec-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	-	0	0	0	0	-	-	-	100%	67%	Dec-21	-	-	-	-
Norway	5 465 630	0.74	4	0	0	0	0	0	-	-	-	100%	100%	Dec-21	-	-	-	-
Poland	37 797 005	0.79	30	0	14	8	0	6	-	-	0	100%	100%	Dec-21	-	-	-	-
Portugal	10 167 925	0.88	9	0	0	0	0	0	6	-	-	100%	100%	Dec-21	83%	0.1	-	83%
Republic of Moldova	4 024 019	4.21	17	0	0	0	0	0	58	-	-	100%	100%	Dec-21	100%	1.4	-	100%
Romania	19 127 774	50.73	976	0	1	1	0	0	-	0	0	100%	83%	Dec-21	100%	-	100%	100%
Russian Federation	145 912 025	7.54	1100	0	1	1	0	0	1939	0	0	100%	92%	Dec-21	100%	1.3	100%	18%
San Marino	34 010	0.00	0	-	0	0	0	0	0	-	-	100%	0%	Dec-21	-	0.0	-	-
Serbia	8 697 550	0.00	0	-	1	1	0	0	-	-	0	100%	92%	Dec-21	-	-	-	-
Slovakia	5 460 721	0.00	0	-	0	0	0	0	0	-	-	100%	83%	Dec-21	-	0.0	-	-
Slovenia	2 078 724	2.89	6	0	0	0	0	0	-	-	-	100%	92%	Dec-21	-	-	-	-
Spain	46 745 216	1.99	93	0	2	2	0	0	22	1	0	100%	83%	Dec-21	92%	0.0	100%	71%
Sweden	10 160 169	0.50	5	0	0	0	0	0	-	-	-	100%	100%	Dec-21	-	-	-	-
Switzerland	8 715 494	3.93	34	0	0	0	0	0	69	-	-	100%	92%	Dec-21	100%	0.8	-	3%
Tajikistan	9 749 627	17.61	168	0	10	10	0	0	76	0	0	100%	83%	Dec-21	100%	0.8	100%	100%
Turkey ⁷	85 042 738	7.15	603	2	51	47	1	3	818	0	0	100%	83%	Dec-21	100%	1.0	80%	96%
Turkmenistan ⁷	6 117 924	0.00	0	-	0	0	0	0	129	-	-	100%	92%	Dec-21	100%	2.1	-	100%
Ukraine	43 466 819	4.82	211	0	16	2	0	14	65	0	0	100%	100%	Dec-21	68%	0.1	94%	100%
United Kingdom	68 207 116	1.24	84	0	2	2	0	0	-	1	0	100%	92%	Dec-21	100%	-	100%	0%
Uzbekistan	33 935 763	121.10	4053	0	0	0	0	0	0	-	-	100%	25%	Dec-21	-	0.0	-	-
Region	935 010 911	13.08	12201	10	166	112	2	52	3631	8	0	99%	83%		98%	0.7	77%	47%

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—December 2021 (data as of 31 January 2022)

Country	Total Population in 2021 ¹	2020 (as of 31 January 2022)		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%	92%	Dec-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	0	0	0	0	0	-	92%	83%	Nov-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	0	0	0	0	0	-	100%	75%	Dec-21	-	0.0	-	-
Austria	9 043 070	0.11	1	0	0	0	0	-	-	100%	92%	Dec-21	-	-	-	-
Azerbaijan	10 223 342	0.30	3	2	1	0	1	15	0	100%	100%	Dec-21	94%	0.1	0%	100%
Belarus ⁷	9 442 862	0.11	1	0	0	0	0	240	-	100%	83%	Dec-21	100%	2.5	-	0%
Belgium ⁸	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.00	0	1	0	0	1	-	-	67%	0%	Aug-21	-	-	-	-
Bulgaria	6 896 663	0.00	0	1	0	0	1	-	0	100%	100%	Dec-21	0%	-	0%	100%
Croatia	4 081 651	0.00	0	0	0	0	0	-	-	100%	58%	Dec-21	-	-	-	-
Cyprus	1 215 584	0.83	1	0	0	0	0	-	-	100%	100%	Dec-21	-	-	-	-
Czech Republic	10 724 555	0.00	0	0	0	0	0	-	-	100%	92%	Dec-21	-	-	-	-
Denmark ⁸	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	14	-	100%	83%	Dec-21	100%	1.1	-	100%
Finland	5 548 360	0.00	0	2	2	0	0	-	0	100%	92%	Dec-21	100%	-	50%	0%
France ⁸	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	2	-	100%	100%	Dec-21	50%	0.1	-	100%
Germany	83 900 473	0.20	17	7	4	0	3	-	1	100%	83%	Dec-21	57%	-	14%	0%
Greece	10 370 744	0.00	0	0	0	0	0	-	-	100%	83%	Dec-21	-	-	-	-
Hungary	9 634 164	0.00	0	0	0	0	0	0	-	100%	100%	Dec-21	-	0.0	-	-
Iceland	343 353	0.00	0	0	0	0	0	-	-	100%	100%	Dec-21	-	-	-	-
Ireland	4 982 907	0.41	2	0	0	0	0	-	-	100%	83%	Dec-21	-	-	-	-
Israel	8 789 774	0.00	0	0	0	0	0	-	-	100%	67%	Dec-21	-	-	-	-
Italy	60 367 477	0.25	15	2	1	0	1	3	0	100%	92%	Dec-21	80%	0.0	0%	0%
Kazakhstan	18 994 962	0.05	1	0	0	0	0	-	-	100%	75%	Dec-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.00	0	1	1	0	0	64	0	100%	58%	Dec-21	52%	1.0	0%	95%
Latvia	1 866 942	0.00	0	0	0	0	0	-	-	100%	83%	Dec-21	-	-	-	-
Lithuania	2 689 862	0.00	0	0	0	0	0	-	-	100%	92%	Dec-21	-	-	-	-
Luxembourg	634 814	0.00	0	0	0	0	0	0	-	100%	100%	Dec-21	-	0.0	-	-
Malta	442 784	0.00	0	0	0	0	0	-	-	100%	83%	Dec-21	-	-	-	-
Monaco	39 520	0.00	0	0	0	0	0	0	-	100%	67%	Dec-21	-	0.0	-	-
Montenegro	628 053	-	-	0	0	0	0	0	-	100%	42%	Dec-21	-	0.0	-	-
Netherlands	17 173 099	0.00	0	0	0	0	0	-	-	100%	100%	Dec-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	0	0	0	0	-	-	100%	58%	Dec-21	-	-	-	-
Norway	5 465 630	0.18	1	0	0	0	0	-	-	100%	100%	Dec-21	-	-	-	-
Poland	37 797 005	2.54	96	50	2	0	48	-	-	100%	100%	Dec-21	-	-	-	-
Portugal	10 167 925	0.20	2	0	0	0	0	7	-	100%	100%	Dec-21	71%	0.1	-	71%
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	-	100%	100%	Dec-21	-	0.0	-	-
Romania	19 127 774	0.26	5	0	0	0	0	-	-	100%	83%	Dec-21	-	-	-	-
Russian Federation	145 912 025	0.02	3	0	0	0	0	0	-	100%	92%	Dec-21	-	0.0	-	-
San Marino	34 010	0.00	0	0	0	0	0	0	-	100%	0%	Dec-21	-	0.0	-	-
Serbia	8 697 550	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 460 721	0.00	0	0	0	0	0	1	-	100%	83%	Dec-21	100%	0.0	-	100%
Slovenia	2 078 724	0.00	0	0	0	0	0	-	-	100%	92%	Dec-21	-	-	-	-
Spain	46 745 216	0.00	0	1	1	0	0	3	0	100%	83%	Dec-21	75%	0.0	100%	50%
Sweden	10 160 169	0.00	0	0	0	0	0	0	-	100%	100%	Dec-21	-	0.0	-	-
Switzerland	8 715 494	0.00	0	0	0	0	0	43	-	100%	92%	Dec-21	98%	0.5	-	9%
Tajikistan	9 749 627	0.00	0	0	0	0	0	12	-	100%	83%	Dec-21	100%	0.1	-	100%
Turkey ⁷	85 042 738	0.18	15	15	14	0	1	818	0	100%	83%	Dec-21	100%	1.0	100%	96%
Turkmenistan ⁷	6 117 924	0.00	0	0	0	0	0	129	-	100%	92%	Dec-21	100%	2.1	-	100%
Ukraine	43 466 819	0.62	27	19	3	0	16	45	0	100%	100%	Dec-21	72%	0.1	95%	100%
United Kingdom	68 207 116	0.00	0	0	0	0	0	-	-	100%	92%	Dec-21	-	-	-	-
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	-	100%	25%	Dec-21	-	0.0	-	-
Region	935 010 911	0.20	190	101	29	0	72	1398	1	92%	76%		96%	0.3	72%	77%

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—December 2021 (data as of 31 January 2022)

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%	58%	Dec-21
Andorra											No lab
Armenia	0	-	-	-	0	-	-	-	17%	8%	Feb-21
Austria	1148	2 (0)	B3	100%	4729	0 (0)	-	-	100%	83%	Dec-21
Azerbaijan	41	0 (0)	-	-	8	0 (0)	-	-	75%	67%	Nov-21
Belarus	-	-	B3	100%	-	-	-	-	-	-	No report
Belgium	-	-	B3	100%	-	-	-	-	-	-	No report
Bosnia and Herzegovina	6	1 (17)	-	-	5	0 (0)	-	-	8%	8%	Oct-21
Bulgaria	28	0 (0)	-	-	25	0 (0)	-	-	100%	83%	Dec-21
Croatia	0	-	-	-	0	-	-	-	33%	25%	Apr-21
Cyprus	50	0 (0)	-	-	63	0 (0)	-	-	92%	33%	Nov-21
Czech Republic	18	4 (22)	-	-	40	1 (3)	-	-	100%	92%	Dec-21
Denmark	322	3 (1)	-	-	29	2 (7)	-	-	100%	92%	Dec-21
Estonia	31	0 (0)	-	-	17	0 (0)	-	-	92%	67%	Dec-21
Finland	23	4 (17)	B3	100%	24	2 (8)	-	-	100%	75%	Dec-21
France	-	-	B3,D8	33%	-	-	-	-	-	-	No report
Georgia	35	7 (20)	-	-	31	6 (19)	-	-	100%	25%	Dec-21
Germany	95	10 (11)	B3	100%	53	4 (8)	1E	100%	100%	100%	Dec-21
Greece	-	-	-	-	-	-	-	-	-	-	No report
Hungary	54	0 (0)	-	-	62	0 (0)	-	-	100%	92%	Dec-21
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	78	0 (0)	-	-	630	0 (0)	-	-	25%	25%	Mar-21
Israel	177	8 (5)	-	-	1288	354 (27)	-	-	100%	58%	Dec-21
Italy	88	5 (6)	-	-	19	0 (0)	-	-	100%	92%	Dec-21
Kazakhstan	48	2 (4)	-	-	20	0 (0)	-	-	100%	83%	Dec-21
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	64	0 (0)	-	-	105	2 (2)	-	-	92%	83%	Dec-21
Lithuania	28	1 (4)	-	-	30	1 (3)	-	-	100%	83%	Dec-21
Luxembourg	12	0 (0)	-	-	0	-	-	-	100%	83%	Dec-21
Malta	31	1 (3)	-	-	765	1 (0)	-	-	100%	25%	Dec-21
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	16	1 (6)	-	-	16	0 (0)	-	-	50%	50%	Nov-21
North Macedonia	-	-	B3	0%	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	100%	83%	Dec-21
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	12	0 (0)	-	-	3	1 (33)	-	-	92%	75%	Dec-21
Republic of Moldova	64	0 (0)	-	-	64	1 (2)	-	-	100%	92%	Dec-21
Romania	28	0 (0)	-	-	31	1 (3)	-	-	92%	33%	Nov-21
Russian Federation	2497	27 (1)	-	-	2492	26 (1)	-	-	100%	92%	Dec-21
San Marino											No lab
Serbia	13	1 (8)	-	-	13	0 (0)	-	-	75%	75%	Dec-21
Slovakia	8	0 (0)	-	-	5	0 (0)	-	-	100%	83%	Dec-21
Slovenia	55	1 (2)	-	-	12	1 (8)	-	-	100%	92%	Dec-21
Spain	-	-	B3	100%	-	-	-	-	-	-	No report
Sweden	917	10 (1)	-	-	1993	18 (1)	-	-	100%	92%	Dec-21
Switzerland	66	2 (3)	-	-	8	8 (100)	-	-	100%	83%	Dec-21
Tajikistan	105	0 (0)	-	-	101	0 (0)	-	-	92%	92%	Dec-21
Turkey	1552	108 (7)	-	-	1370	108 (8)	-	-	100%	58%	Dec-21
Turkmenistan	129	0 (0)	-	-	129	0 (0)	-	-	100%	100%	Dec-21
Ukraine	66	0 (0)	-	-	66	0 (0)	-	-	100%	83%	Dec-21
United Kingdom	942	29 (3)	B3	100%	587	0 (0)	-	-	100%	83%	Dec-21
Uzbekistan	-	-	-	-	-	-	-	-	-	-	No report
Region	8849	227 (3)	-	70%	14833	537 (4)	-	100%	65%	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: <https://who-gmrln.org/rubens2>. 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.

Contact us: Vaccine-preventable Diseases and Immunization Programme, WHO Regional Office for Europe

Tel.: +45 45 33 70 00 E-mail: eumeasles@who.int and/or ucddata@who.int

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