

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 March 2021—February 2022 (data as of 30 March 2022)

Country	Total Population in 2021 ¹	Incidence Rate March 2021–February 2022 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Austria	9 043 070	0.11	1	0	0	0	0	0	0	0	0	1	0	0	0	Feb-22
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	0	0	2	0	0	0	0	Feb-22
Belarus	9 442 862	0.32	3	0	1	2	0	0	0	0	0	0	0	0	0	Feb-22
Belgium	11 632 326	1.55	18	5	0	0	3	3	0	0	1	1	3	1	1	Feb-22
Bosnia and Herzegovina	3 263 466	0.61	2	0	0	0	0	0	0	0	0	0	1	0	1	Feb-22
Bulgaria	6 896 663	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Cyprus	1 215 584	0.82	1	0	0	0	0	0	0	0	0	0	1	0	0	Feb-22
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Denmark	5 813 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Finland	5 548 360	0.54	3	0	0	0	0	0	2	1	0	0	0	0	0	Feb-22
France	65 426 179	0.20	13	1	0	1	0	2	2	0	3	0	3	0	1	Feb-22
Georgia	3 979 765	1.76	7	0	0	0	0	1	0	1	1	2	0	1	1	Feb-22
Germany	83 900 473	0.12	10	0	1	1	0	0	0	0	2	0	1	3	2	Feb-22
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Ireland	4 982 907	0.80	4	0	0	0	0	0	1	0	0	1	1	0	1	Feb-22
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Italy	60 367 477	0.17	10	0	0	1	1	1	2	1	1	1	1	1	0	Feb-22
Kazakhstan	18 994 962	0.05	1	0	0	0	1	0	0	0	0	0	0	0	0	Feb-22
Kyrgyzstan	6 628 356	0.45	3	1	2	0	0	0	0	0	0	0	0	0	0	Feb-22
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Monaco	39 520	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Montenegro	628 053	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
North Macedonia	2 082 658	0.00	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	Feb-22
Poland	37 797 005	0.45	17	5	1	2	1	0	3	0	1	1	0	1	2	Feb-22
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Romania	19 127 774	0.16	3	0	1	0	0	0	0	0	0	0	1	0	1	Feb-22
Russian Federation	145 912 025	0.03	5	0	0	1	0	0	0	0	0	0	0	4	0	Feb-22
San Marino	34 010	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Serbia	8 697 550	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Slovakia	5 460 721	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Spain	46 745 216	0.04	2	0	0	0	0	0	0	1	1	0	0	0	0	Feb-22
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Tajikistan	9 749 627	5.23	51	0	0	0	0	0	0	0	0	0	12	17	22	Feb-22
Turkey	85 042 738	0.58	49	2	0	7	2	6	0	8	5	7	10	2	0	Feb-22
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Ukraine	43 466 819	0.32	14	3	0	0	0	3	1	2	0	2	1	1	1	Feb-22
United Kingdom	68 207 116	0.04	3	1	1	0	0	0	0	0	0	0	0	1	0	Feb-22
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Dec-21
Region	935 010 911	0.24	222	18	7	15	8	16	11	14	17	16	35	32	33	

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 March 2021—February 2022 (data as of 30 March 2022)

Country	Total Population in 2021 ¹	Incidence Rate March 2021–February 2022 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	0	2	0	0	0	0	0	Feb-22
Belarus	9 442 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Belgium ²	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.31	1	0	1	0	0	0	0	0	0	0	0	0	0	Feb-22
Bulgaria	6 896 663	0.14	1	0	0	0	0	0	0	0	0	1	0	0	0	Feb-22
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Cyprus	1 215 584	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Denmark ²	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Finland	5 548 360	0.72	4	0	0	0	1	0	0	0	0	1	0	1	1	Feb-22
France ²	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Germany	83 900 473	0.07	6	1	0	2	0	0	0	0	2	0	0	1	0	Feb-22
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Ireland	4 982 907	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Israel	8 789 774	0.11	1	0	0	0	0	0	0	0	0	0	1	0	0	Feb-22
Italy	60 367 477	0.05	3	0	0	0	0	0	0	1	1	0	0	0	1	Feb-22
Kazakhstan	18 994 962	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Kyrgyzstan	6 628 356	0.15	1	1	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Monaco	39 520	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Montenegro	628 053	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
North Macedonia	2 082 658	0.00	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	Feb-22
Poland	37 797 005	1.46	55	4	3	8	2	8	1	4	6	4	4	8	3	Feb-22
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Romania	19 127 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Russian Federation	145 912 025	0.01	1	0	0	0	1	0	0	0	0	0	0	0	0	Feb-22
San Marino	34 010	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
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	Feb-22
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Spain	46 745 216	0.02	1	0	0	0	0	0	0	0	0	0	1	0	0	Feb-22
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Turkey	85 042 738	0.21	18	2	0	0	0	3	2	2	2	1	3	0	3	Feb-22
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Ukraine	43 466 819	0.30	13	0	1	0	0	0	6	1	1	1	1	2	0	Feb-22
United Kingdom	68 207 116	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Feb-22
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Dec-21
Region	935 010 911	0.11	107	8	5	10	4	11	9	10	12	8	10	12	8	

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—February 2022 (data as of 30 March 2022)

Country	Total Population in 2021 ¹	2021 (as of 30 March 2022)			2022													
		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	0.00	0	-	0	0	0	0	1	-	-	100%	100%	Feb-22	100%	0.0	-	100%
Andorra	77 354	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Feb-22	-	0.0	-	-
Armenia	2 968 127	0.00	0	-	0	0	0	0	0	-	-	100%	50%	Feb-22	-	0.0	-	-
Austria	9 043 070	0.11	1	0	0	0	0	0	1	-	-	100%	100%	Feb-22	0%	0.0	-	0%
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	6	-	-	100%	100%	Feb-22	100%	0.1	-	100%
Belarus ⁷	9 442 862	0.32	3	0	0	0	0	0	18	-	-	100%	50%	Feb-22	100%	0.2	-	0%
Belgium	11 632 326	1.38	16	0	2	1	0	1	-	-	0	100%	100%	Feb-22	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.61	2	0	1	0	0	1	-	-	0	100%	0%	Feb-22	-	-	-	-
Bulgaria	6 896 663	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Croatia	4 081 651	0.00	0	-	0	0	0	0	0	-	-	100%	50%	Feb-22	-	0.0	-	-
Cyprus	1 215 584	0.82	1	0	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Czech Republic	10 724 555	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Denmark	5 813 298	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Estonia	1 325 185	0.00	0	-	0	0	0	0	27	-	-	100%	100%	Feb-22	100%	2.0	-	100%
Finland	5 548 360	0.54	3	0	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
France	65 426 179	0.24	16	0	1	0	0	1	-	0	0	100%	50%	Feb-22	0%	-	100%	0%
Georgia	3 979 765	1.26	5	0	2	0	0	2	0	0	0	100%	100%	Feb-22	100%	0.0	100%	100%
Germany	83 900 473	0.08	7	0	5	5	0	0	-	3	0	100%	100%	Feb-22	100%	-	80%	0%
Greece	10 370 744	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Feb-22	-	0.0	-	-
Hungary	9 634 164	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Feb-22	-	0.0	-	-
Iceland	343 353	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Ireland	4 982 907	0.80	4	0	1	0	0	1	-	0	0	100%	100%	Feb-22	0%	-	0%	0%
Israel	8 789 774	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Italy	60 367 477	0.15	9	0	1	1	0	0	1	0	0	100%	100%	Feb-22	100%	0.0	100%	0%
Kazakhstan	18 994 962	0.11	2	0	0	0	0	0	-	-	-	100%	50%	Feb-22	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.45	3	0	0	0	0	0	4	-	-	100%	100%	Feb-22	100%	0.1	-	25%
Latvia	1 866 942	0.00	0	-	0	0	0	0	-	-	-	100%	50%	Feb-22	-	-	-	-
Lithuania	2 689 862	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Luxembourg	634 814	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Feb-22	-	0.0	-	-
Malta	442 784	0.00	0	-	0	0	0	0	-	-	-	100%	50%	Feb-22	-	-	-	-
Monaco	39 520	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Feb-22	-	0.0	-	-
Montenegro	628 053	0.00	0	-	0	0	0	0	2	-	-	100%	100%	Feb-22	100%	0.3	-	0%
Netherlands	17 173 099	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
North Macedonia	2 082 658	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Norway	5 465 630	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Poland	37 797 005	0.37	14	0	3	1	0	2	-	-	0	100%	100%	Feb-22	-	-	-	-
Portugal	10 167 925	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Feb-22	-	0.0	-	-
Republic of Moldova	4 024 019	0.00	0	-	0	0	0	0	4	-	-	100%	100%	Feb-22	100%	0.1	-	100%
Romania	19 127 774	0.10	2	0	1	1	0	0	-	0	0	100%	100%	Feb-22	100%	-	100%	0%
Russian Federation	145 912 025	0.01	1	0	4	4	0	0	133	1	0	100%	100%	Feb-22	100%	0.1	100%	41%
San Marino	34 010	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Feb-22	-	0.0	-	-
Serbia	8 697 550	0.11	1	0	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Slovakia	5 460 721	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Feb-22	-	0.0	-	-
Slovenia	2 078 724	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Spain	46 745 216	0.04	2	0	0	0	0	0	3	-	-	100%	100%	Feb-22	100%	0.0	-	100%
Sweden	10 160 169	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Feb-22	-	-	-	-
Switzerland	8 715 494	0.00	0	-	0	0	0	0	9	-	-	100%	100%	Feb-22	100%	0.1	-	0%
Tajikistan	9 749 627	1.23	12	0	39	39	0	0	32	0	0	100%	100%	Feb-22	100%	0.3	44%	100%
Turkey ⁷	85 042 738	0.60	51	0	2	2	0	0	98	0	0	100%	100%	Feb-22	100%	0.1	100%	96%
Turkmenistan ⁷	6 117 924	0.00	0	-	0	0	0	0	15	-	-	100%	100%	Feb-22	100%	0.2	-	100%
Ukraine	43 466 819	0.37	16	0	2	0	0	2	4	0	0	100%	100%	Feb-22	67%	0.0	100%	100%
United Kingdom	68 207 116	0.03	2	0	1	1	0	0	-	1	0	100%	100%	Feb-22	100%	-	100%	0%
Uzbekistan	33 935 763	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	935 010 911	0.19	175	0	65	55	0	10	358	5	0	96%	88%		99%	0.1	59%	69%

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—February 2022 (data as of 30 March 2022)

Country	Total Population in 2021 ¹	2021 (as of 30 March 2022)		2022												
		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	1	-	100%	100%	Feb-22	100%	0.0	-	100%
Andorra	77 354	0.00	0	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
Armenia	2 968 127	0.00	0	0	0	0	0	0	-	100%	50%	Feb-22	-	0.0	-	-
Austria	9 043 070	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Azerbaijan	10 223 342	0.20	2	0	0	0	0	3	-	100%	100%	Feb-22	100%	0.0	-	100%
Belarus ⁷	9 442 862	-	-	0	0	0	0	18	-	100%	50%	Feb-22	100%	0.2	-	0%
Belgium ⁸	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.31	1	0	0	0	0	-	-	100%	0%	Feb-22	-	-	-	-
Bulgaria	6 896 663	0.14	1	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Croatia	4 081 651	0.00	0	0	0	0	0	-	-	100%	50%	Feb-22	-	-	-	-
Cyprus	1 215 584	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Czech Republic	10 724 555	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Denmark ⁸	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	8	-	100%	100%	Feb-22	100%	0.6	-	100%
Finland	5 548 360	0.36	2	2	2	0	0	-	0	100%	100%	Feb-22	100%	-	0%	0%
France ⁸	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	1	-	100%	100%	Feb-22	100%	0.0	-	100%
Germany	83 900 473	0.08	7	1	0	0	1	-	0	100%	100%	Feb-22	0%	-	0%	0%
Greece	10 370 744	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Hungary	9 634 164	0.00	0	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
Iceland	343 353	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Ireland	4 982 907	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Israel	8 789 774	0.11	1	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Italy	60 367 477	0.03	2	1	1	0	0	0	0	100%	100%	Feb-22	100%	0.0	100%	0%
Kazakhstan	18 994 962	0.00	0	0	0	0	0	-	-	100%	50%	Feb-22	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.15	1	0	0	0	0	4	-	100%	100%	Feb-22	100%	0.1	-	25%
Latvia	1 866 942	0.00	0	0	0	0	0	-	-	100%	50%	Feb-22	-	-	-	-
Lithuania	2 689 862	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Luxembourg	634 814	0.00	0	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
Malta	442 784	0.00	0	0	0	0	0	-	-	100%	50%	Feb-22	-	-	-	-
Monaco	39 520	0.00	0	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
Montenegro	628 053	0.00	0	0	0	0	0	0	-	100%	50%	Feb-22	-	0.0	-	-
Netherlands	17 173 099	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
North Macedonia	2 082 658	0.00	0	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Norway	5 465 630	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Poland	37 797 005	1.32	50	11	0	0	11	-	-	100%	100%	Feb-22	-	-	-	-
Portugal	10 167 925	0.00	0	0	0	0	0	1	-	100%	100%	Feb-22	100%	0.0	-	100%
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
Romania	19 127 774	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Russian Federation	145 912 025	0.01	1	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
San Marino	34 010	0.00	0	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
Serbia	8 697 550	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 460 721	0.00	0	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
Slovenia	2 078 724	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Spain	46 745 216	0.02	1	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
Sweden	10 160 169	0.00	0	0	0	0	0	0	-	100%	100%	Feb-22	-	0.0	-	-
Switzerland	8 715 494	0.00	0	0	0	0	0	11	-	100%	100%	Feb-22	91%	0.1	-	27%
Tajikistan	9 749 627	0.00	0	0	0	0	0	7	-	100%	100%	Feb-22	100%	0.1	-	100%
Turkey ⁷	85 042 738	0.18	15	3	3	0	0	98	0	100%	100%	Feb-22	100%	0.1	100%	96%
Turkmenistan ⁷	6 117 924	0.00	0	0	0	0	0	15	-	100%	100%	Feb-22	100%	0.2	-	100%
Ukraine	43 466 819	0.44	19	2	2	0	0	1	0	100%	100%	Feb-22	67%	0.0	100%	100%
United Kingdom	68 207 116	0.00	0	0	0	0	0	-	-	100%	100%	Feb-22	-	-	-	-
Uzbekistan	33 935 763	0.00	0	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	935 010 911	0.11	103	20	8	0	12	168	0	89%	80%		98%	0.0	67%	79%

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—February 2022 (data as of 30 March 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	1	0 (0)	-	-	0	-	-	-	100%	100%	Feb-22
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	182	0 (0)	-	-	773	0 (0)	-	-	100%	100%	Feb-22
Azerbaijan	5	0 (0)	-	-	2	0 (0)	-	-	100%	100%	Feb-22
Belarus	-	-	-	-	-	-	-	-	-	-	No report
Belgium	-	-	-	-	-	-	-	-	-	-	No report
Bosnia and Herzegovina	3	0 (0)	-	-	2	0 (0)	-	-	50%	50%	Feb-22
Bulgaria	4	0 (0)	-	-	4	0 (0)	-	-	100%	100%	Feb-22
Croatia	0	-	-	-	0	-	-	-	100%	100%	Feb-22
Cyprus	2	0 (0)	-	-	5	0 (0)	-	-	100%	100%	Feb-22
Czech Republic	3	1 (33)	-	-	5	0 (0)	-	-	50%	50%	Jan-22
Denmark	52	0 (0)	-	-	3	2 (67)	-	-	100%	100%	Feb-22
Estonia	4	0 (0)	-	-	0	-	-	-	100%	50%	Feb-22
Finland	0	-	-	-	0	-	-	-	100%	100%	Feb-22
France	-	-	-	-	-	-	-	-	-	-	No report
Georgia	3	0 (0)	-	-	3	0 (0)	-	-	100%	0%	Feb-22
Germany	21	7 (33)	-	-	4	0 (0)	-	-	100%	100%	Feb-22
Greece	-	-	-	-	-	-	-	-	-	-	No report
Hungary	10	0 (0)	-	-	10	0 (0)	-	-	100%	100%	Feb-22
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	-	-	-	-	-	-	-	-	-	-	No report
Israel	-	-	-	-	-	-	-	-	-	-	No report
Italy	6	2 (33)	-	-	0	-	-	-	100%	100%	Feb-22
Kazakhstan	2	0 (0)	-	-	3	0 (0)	-	-	100%	50%	Feb-22
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	18	0 (0)	-	-	18	0 (0)	-	-	100%	100%	Feb-22
Lithuania	2	0 (0)	-	-	2	0 (0)	-	-	100%	100%	Feb-22
Luxembourg	1	0 (0)	-	-	0	-	-	-	50%	50%	Feb-22
Malta	5	0 (0)	-	-	111	0 (0)	-	-	100%	50%	Feb-22
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	1	0 (0)	-	-	1	0 (0)	-	-	50%	50%	Jan-22
North Macedonia	-	-	-	-	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	100%	100%	Feb-22
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	0	-	-	-	2	0 (0)	-	-	100%	100%	Feb-22
Republic of Moldova	10	0 (0)	-	-	10	0 (0)	-	-	100%	100%	Feb-22
Romania	-	-	-	-	-	-	-	-	-	-	No report
Russian Federation	186	9 (5)	D8	100%	179	0 (0)	-	-	100%	100%	Feb-22
San Marino											No lab
Serbia	3	0 (0)	-	-	3	0 (0)	-	-	50%	50%	Feb-22
Slovakia	1	0 (0)	-	-	1	0 (0)	-	-	100%	100%	Feb-22
Slovenia	7	0 (0)	-	-	1	0 (0)	-	-	100%	100%	Feb-22
Spain	-	-	-	-	-	-	-	-	-	-	No report
Sweden	85	0 (0)	-	-	137	5 (4)	-	-	50%	50%	Jan-22
Switzerland	8	1 (13)	-	-	5	5 (100)	-	-	100%	100%	Feb-22
Tajikistan	-	-	-	-	-	-	-	-	-	-	No report
Turkey	272	19 (7)	-	-	258	16 (6)	-	-	100%	50%	Feb-22
Turkmenistan	15	0 (0)	-	-	15	0 (0)	-	-	100%	100%	Feb-22
Ukraine	1	0 (0)	-	-	1	1 (100)	-	-	50%	50%	Jan-22
United Kingdom	712	3 (0)	B3	100%	482	0 (0)	-	-	100%	100%	Feb-22
Uzbekistan	0	-	-	-	0	-	-	-	50%	50%	Jan-22
Region	1625	42 (3)	-	100%	2040	29 (1)	-	-	58%	53%	

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.intWeb site: <http://www.euro.who.int/vaccine> © World Health Organization, 2022.