

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 2021—May 2022 (data as of 01 July 2022)

Country	Total Population in 2021 ¹	Incidence Rate June 2021-May 2022 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Austria	9 043 070	0.11	1	0	0	0	0	0	1	0	0	0	0	0	0	May-22
Azerbaijan	10 223 342	0.29	3	0	0	0	0	2	0	0	0	0	0	0	1	May-22
Belarus	9 442 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Belgium	11 632 326	0.95	11	0	2	0	0	0	1	3	1	1	2	1	-	Apr-22
Bosnia and Herzegovina	3 263 466	0.92	3	0	0	0	0	0	0	1	0	1	1	0	0	May-22
Bulgaria	6 896 663	0.14	1	0	0	0	0	0	0	0	0	0	0	1	0	May-22
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Mar-22
Cyprus	1 215 584	0.82	1	0	0	0	0	0	0	1	0	0	0	0	0	May-22
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Denmark	5 813 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Finland	5 548 360	0.54	3	0	0	2	1	0	0	0	0	0	0	0	0	May-22
France	65 426 179	0.29	19	0	2	2	0	3	0	3	0	1	0	7	1	May-22
Georgia	3 979 765	2.26	9	0	1	0	1	1	2	0	1	1	0	1	1	May-22
Germany	83 900 473	0.14	12	0	0	0	0	2	0	1	2	3	1	1	2	May-22
Greece	10 370 744	0.10	1	0	0	0	0	0	0	0	0	0	0	1	-	Apr-22
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Apr-22
Ireland	4 982 907	0.60	3	0	0	0	0	0	0	0	0	0	0	3	0	May-22
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Italy	60 367 477	0.22	13	1	1	2	1	1	1	1	1	1	2	0	1	May-22
Kazakhstan	18 994 962	0.05	1	1	0	0	0	0	0	0	0	0	0	0	0	May-22
Kyrgyzstan	6 628 356	1.51	10	0	0	0	0	0	0	1	1	0	7	1	0	May-22
Latvia	1 866 942	0.00	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	May-22
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Mar-22
Monaco	39 520	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Montenegro	628 053	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Poland	37 797 005	0.50	19	1	0	3	0	1	1	0	2	2	2	4	3	May-22
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Mar-22
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Romania	19 127 774	0.05	1	0	0	0	0	0	0	1	0	0	0	0	-	Apr-22
Russian Federation	145 912 025	0.09	13	0	0	0	0	0	0	0	4	0	3	5	1	May-22
San Marino	34 010	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Serbia	8 697 550	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Slovakia	5 460 721	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Spain	46 745 216	0.04	2	0	0	0	1	1	0	0	0	0	0	0	0	May-22
Sweden	10 160 169	0.10	1	0	0	0	0	0	0	0	0	0	0	0	1	May-22
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Tajikistan	9 749 627	18.36	179	0	0	0	0	0	0	10	17	22	49	46	35	May-22
Türkiye	85 042 738	0.79	67	2	6	0	8	5	7	10	2	1	9	11	6	May-22
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Ukraine	43 466 819	0.28	12	0	3	1	2	0	2	1	1	1	1	0	0	May-22
United Kingdom	68 207 116	0.03	2	0	0	0	0	0	0	0	1	0	0	0	1	May-22
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	-	-	-	-	-	Dec-21
Region	935 010 911	0.41	387	5	15	10	14	16	15	33	33	34	77	82	53	

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 2021—May 2022 (data as of 01 July 2022)

Country	Total Population in 2021 ¹	Incidence Rate June 2021-May 2022 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Azerbaijan	10 223 342	0.39	4	0	0	0	2	0	0	0	0	0	0	2	0	May-22
Belarus	9 442 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Belgium ²	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Bulgaria	6 896 663	0.14	1	0	0	0	0	0	1	0	0	0	0	0	0	May-22
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Mar-22
Cyprus	1 215 584	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-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	May-22
Finland	5 548 360	0.36	2	1	0	0	0	0	0	0	0	0	0	1	0	May-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	May-22
Germany	83 900 473	0.05	4	0	0	0	0	2	0	0	2	0	0	0	0	May-22
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Apr-22
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Apr-22
Ireland	4 982 907	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Israel	8 789 774	0.11	1	0	0	0	0	0	0	1	0	0	0	0	0	May-22
Italy	60 367 477	0.02	1	0	0	0	0	0	0	0	0	1	0	0	0	May-22
Kazakhstan	18 994 962	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Kyrgyzstan	6 628 356	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Latvia	1 866 942	0.00	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	May-22
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Mar-22
Monaco	39 520	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Montenegro	628 053	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Apr-22
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Poland	37 797 005	2.06	78	2	8	1	4	6	4	4	8	3	14	15	9	May-22
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Mar-22
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Romania	19 127 774	0.05	1	0	0	0	0	1	0	0	0	0	0	0	0	May-22
Russian Federation	145 912 025	0.01	1	1	0	0	0	0	0	0	0	0	0	0	0	May-22
San Marino	34 010	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-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	May-22
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Spain	46 745 216	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Türkiye	85 042 738	0.33	28	0	3	2	2	2	1	3	0	3	7	3	2	May-22
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Ukraine	43 466 819	0.32	14	0	0	6	1	1	1	1	3	0	0	0	1	May-22
United Kingdom	68 207 116	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	May-22
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	-	-	-	-	-	Dec-21
Region	935 010 911	0.14	135	4	11	9	9	12	7	9	13	7	21	21	12	

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 2022 (data as of 01 July 2022)

Country	Total Population in 2021 ¹	2021 (as of 01 July 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%	May-22	100%	0.0	-	100%
Andorra	77 354	0.00	0	-	0	0	0	0	0	-	-	100%	100%	May-22	-	0.0	-	-
Armenia	2 968 127	0.00	0	-	0	0	0	0	2	-	-	100%	80%	May-22	100%	0.1	-	100%
Austria	9 043 070	0.11	1	0	0	0	0	0	2	-	-	100%	100%	May-22	0%	0.0	-	0%
Azerbaijan	10 223 342	0.20	2	0	1	1	0	0	92	0	0	100%	100%	May-22	100%	0.9	100%	99%
Belarus ⁷	9 442 862	0.32	3	0	0	0	0	0	84	-	-	100%	80%	May-22	100%	0.9	-	0%
Belgium	11 632 326	0.60	7	0	5	1	0	4	-	-	0	80%	80%	Apr-22	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.61	2	0	2	0	0	2	-	-	0	100%	20%	May-22	-	-	-	-
Bulgaria	6 896 663	0.00	0	-	1	1	0	0	-	0	0	100%	100%	May-22	100%	-	100%	100%
Croatia	4 081 651	0.00	0	-	0	0	0	0	0	-	-	60%	20%	Mar-22	-	0.0	-	-
Cyprus	1 215 584	0.82	1	0	0	0	0	0	-	-	-	100%	100%	May-22	-	-	-	-
Czech Republic	10 724 555	0.00	0	-	0	0	0	0	-	-	-	100%	100%	May-22	-	-	-	-
Denmark	5 813 298	0.00	0	-	0	0	0	0	-	-	-	100%	100%	May-22	-	-	-	-
Estonia	1 325 185	0.00	0	-	0	0	0	0	69	-	-	100%	100%	May-22	100%	5.2	-	97%
Finland	5 548 360	0.54	3	0	0	0	0	0	-	-	-	100%	100%	May-22	-	-	-	-
France	65 426 179	0.24	16	0	9	7	0	2	-	1	0	100%	60%	May-22	78%	-	78%	0%
Georgia	3 979 765	1.26	5	0	4	0	0	4	8	0	0	100%	100%	May-22	92%	0.2	100%	75%
Germany	83 900 473	0.08	7	0	9	7	0	2	-	4	0	100%	100%	May-22	78%	-	89%	0%
Greece	10 370 744	0.00	0	-	1	0	0	1	0	0	0	80%	80%	Apr-22	0%	0.0	100%	0%
Hungary	9 634 164	0.00	0	-	0	0	0	0	0	-	-	100%	80%	May-22	-	0.0	-	-
Iceland	343 353	0.00	0	-	0	0	0	0	-	-	-	80%	80%	Apr-22	-	-	-	-
Ireland	4 982 907	0.00	0	-	3	0	0	3	-	0	0	100%	100%	May-22	33%	-	33%	67%
Israel	8 789 774	0.00	0	-	0	0	0	0	-	-	-	100%	80%	May-22	-	-	-	-
Italy	60 367 477	0.15	9	0	5	4	0	1	4	1	0	100%	100%	May-22	89%	0.0	80%	0%
Kazakhstan	18 994 962	0.11	2	0	0	0	0	0	-	-	-	100%	80%	May-22	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.60	4	0	9	0	0	9	19	0	0	100%	100%	May-22	68%	0.3	0	75%
Latvia	1 866 942	0.00	0	-	0	0	0	0	-	-	-	40%	20%	Feb-22	-	-	-	-
Lithuania	2 689 862	0.00	0	-	0	0	0	0	-	-	-	100%	100%	May-22	-	-	-	-
Luxembourg	634 814	0.00	0	-	0	0	0	0	0	-	-	100%	100%	May-22	-	0.0	-	-
Malta	442 784	0.00	0	-	0	0	0	0	-	-	-	60%	20%	Mar-22	-	-	-	-
Monaco	39 520	0.00	0	-	0	0	0	0	0	-	-	100%	100%	May-22	-	0.0	-	-
Montenegro	628 053	0.00	0	-	0	0	0	0	4	-	-	100%	100%	May-22	100%	0.6	-	0%
Netherlands	17 173 099	0.00	0	-	0	0	0	0	-	-	-	100%	100%	May-22	-	-	-	-
North Macedonia	2 082 658	0.00	0	-	0	0	0	0	-	-	-	100%	60%	May-22	-	-	-	-
Norway	5 465 630	0.00	0	-	0	0	0	0	-	-	-	100%	100%	May-22	-	-	-	-
Poland	37 797 005	0.37	14	0	13	2	0	11	-	-	0	100%	100%	May-22	-	-	-	-
Portugal	10 167 925	0.00	0	-	0	0	0	0	0	-	-	60%	60%	Mar-22	-	0.0	-	-
Republic of Moldova	4 024 019	0.00	0	-	0	0	0	0	21	-	-	100%	100%	May-22	100%	0.5	-	100%
Romania	19 127 774	0.10	2	0	0	0	0	0	-	-	-	80%	80%	Apr-22	-	-	-	-
Russian Federation	145 912 025	0.01	1	0	13	12	1	0	656	5	0	100%	100%	May-22	100%	0.4	100%	33%
San Marino	34 010	0.00	0	-	0	0	0	0	0	-	-	100%	80%	May-22	-	0.0	-	-
Serbia	8 697 550	0.11	1	0	0	0	0	0	-	-	-	100%	100%	May-22	-	-	-	-
Slovakia	5 460 721	0.00	0	-	0	0	0	0	1	-	-	100%	100%	May-22	100%	0.0	-	100%
Slovenia	2 078 724	0.00	0	-	0	0	0	0	-	-	-	100%	100%	May-22	-	-	-	-
Spain	46 745 216	0.04	2	0	0	0	0	0	7	-	-	100%	100%	May-22	100%	0.0	-	86%
Sweden	10 160 169	0.00	0	-	1	1	0	0	-	1	0	100%	100%	May-22	100%	-	100%	100%
Switzerland	8 715 494	0.00	0	-	0	0	0	0	44	-	-	100%	100%	May-22	100%	0.5	-	5%
Tajikistan	9 749 627	1.03	10	0	169	169	0	0	88	82	0	100%	100%	May-22	100%	0.9	70%	100%
Türkiye ⁷	85 042 738	0.60	51	0	29	29	0	0	402	0	0	100%	100%	May-22	100%	0.5	55%	96%
Turkmenistan ⁷	6 117 924	0.00	0	-	0	0	0	0	56	-	-	100%	100%	May-22	100%	0.9	-	100%
Ukraine	43 466 819	0.37	16	0	3	1	0	2	9	0	0	100%	100%	May-22	58%	0.0	100%	100%
United Kingdom	68 207 116	0.03	2	0	2	2	0	0	-	2	0	100%	100%	May-22	100%	-	100%	0%
Uzbekistan	33 935 763	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	935 010 911	0.17	161	0	279	237	1	41	1569	96	0	93%	86%		99%	0.3	70%	65%

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 2022 (data as of 01 July 2022)

Country	Total Population in 2021 ¹	2021 (as of 01 July 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%	May-22	100%	0.0	-	100%
Andorra	77 354	0.00	0	0	0	0	0	0	-	100%	100%	May-22	-	0.0	-	-
Armenia	2 968 127	0.00	0	0	0	0	0	0	-	100%	80%	May-22	-	0.0	-	-
Austria	9 043 070	0.00	0	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Azerbaijan	10 223 342	0.20	2	2	2	0	0	41	0	100%	100%	May-22	100%	0.4	0%	100%
Belarus ⁷	9 442 862	0.00	0	0	0	0	0	84	-	100%	80%	May-22	100%	0.9	-	0%
Belgium ⁸	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.31	1	0	0	0	0	-	-	100%	20%	May-22	-	-	-	-
Bulgaria	6 896 663	0.14	1	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Croatia	4 081 651	0.00	0	0	0	0	0	-	-	60%	20%	Mar-22	-	-	-	-
Cyprus	1 215 584	0.00	0	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Czech Republic	10 724 555	0.00	0	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Denmark ⁸	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	30	-	100%	100%	May-22	100%	2.3	-	100%
Finland	5 548 360	0.18	1	1	1	0	0	-	0	100%	100%	May-22	100%	-	0%	0%
France ⁸	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	1	-	100%	100%	May-22	100%	0.0	-	100%
Germany	83 900 473	0.08	7	2	1	0	1	-	0	100%	100%	May-22	50%	-	0%	0%
Greece	10 370 744	0.00	0	0	0	0	0	-	-	80%	80%	Apr-22	-	-	-	-
Hungary	9 634 164	0.00	0	0	0	0	0	0	-	100%	80%	May-22	-	0.0	-	-
Iceland	343 353	0.00	0	0	0	0	0	-	-	80%	80%	Apr-22	-	-	-	-
Ireland	4 982 907	0.00	0	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Israel	8 789 774	0.11	1	0	0	0	0	-	-	100%	80%	May-22	-	-	-	-
Italy	60 367 477	0.00	0	1	1	0	0	4	0	100%	100%	May-22	100%	0.0	100%	0%
Kazakhstan	18 994 962	0.00	0	0	0	0	0	-	-	100%	80%	May-22	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.15	1	0	0	0	0	19	-	100%	100%	May-22	100%	0.3	-	63%
Latvia	1 866 942	0.00	0	0	0	0	0	-	-	40%	20%	Feb-22	-	-	-	-
Lithuania	2 689 862	0.00	0	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Luxembourg	634 814	0.00	0	0	0	0	0	0	-	100%	100%	May-22	-	0.0	-	-
Malta	442 784	0.00	0	0	0	0	0	-	-	60%	20%	Mar-22	-	-	-	-
Monaco	39 520	0.00	0	0	0	0	0	0	-	100%	100%	May-22	-	0.0	-	-
Montenegro	628 053	0.00	0	0	0	0	0	0	-	80%	60%	Apr-22	-	0.0	-	-
Netherlands	17 173 099	0.00	0	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
North Macedonia	2 082 658	0.00	0	0	0	0	0	-	-	100%	60%	May-22	-	-	-	-
Norway	5 465 630	0.00	0	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Poland	37 797 005	1.32	50	49	1	0	48	-	-	100%	100%	May-22	-	-	-	-
Portugal	10 167 925	0.00	0	0	0	0	0	2	-	60%	60%	Mar-22	100%	0.0	-	100%
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	1	-	100%	100%	May-22	100%	0.0	-	100%
Romania	19 127 774	0.05	1	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Russian Federation	145 912 025	0.01	1	0	0	0	0	0	-	100%	100%	May-22	-	0.0	-	-
San Marino	34 010	0.00	0	0	0	0	0	0	-	100%	80%	May-22	-	0.0	-	-
Serbia	8 697 550	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 460 721	0.00	0	0	0	0	0	0	-	100%	100%	May-22	-	0.0	-	-
Slovenia	2 078 724	0.00	0	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Spain	46 745 216	0.00	0	0	0	0	0	0	-	100%	100%	May-22	-	0.0	-	-
Sweden	10 160 169	0.00	0	0	0	0	0	0	-	100%	100%	May-22	-	0.0	-	-
Switzerland	8 715 494	0.00	0	0	0	0	0	25	-	100%	100%	May-22	96%	0.3	-	16%
Tajikistan	9 749 627	0.00	0	0	0	0	0	9	-	100%	100%	May-22	100%	0.1	-	100%
Türkiye ⁷	85 042 738	0.18	15	15	15	0	0	402	0	100%	100%	May-22	100%	0.5	100%	96%
Turkmenistan ⁷	6 117 924	0.00	0	0	0	0	0	56	-	100%	100%	May-22	100%	0.9	-	100%
Ukraine	43 466 819	0.44	19	4	2	0	2	6	0	100%	100%	May-22	50%	0.0	100%	100%
United Kingdom	68 207 116	0.00	0	0	0	0	0	-	-	100%	100%	May-22	-	-	-	-
Uzbekistan	33 935 763	0.00	0	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	935 010 911	0.11	100	74	23	0	51	681	0	86%	79%		99%	0.1	80%	81%

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 2022 (data as of 01 July 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	-	-	-	80%	60%	Apr-22
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	466	1 (0)	D8	100%	1978	0 (0)	-	-	100%	100%	May-22
Azerbaijan	99	0 (0)	-	-	45	2 (4)	-	-	100%	100%	May-22
Belarus	-	-	-	-	-	-	-	-	-	-	No report
Belgium	-	-	-	-	-	-	-	-	-	-	No report
Bosnia and Herzegovina	8	0 (0)	-	-	7	0 (0)	-	-	60%	60%	Apr-22
Bulgaria	16	1 (6)	-	-	14	0 (0)	-	-	100%	60%	May-22
Croatia	0	-	-	-	0	-	-	-	40%	40%	Feb-22
Cyprus	10	0 (0)	-	-	29	0 (0)	-	-	80%	60%	May-22
Czech Republic	11	3 (27)	-	-	20	2 (10)	-	-	100%	80%	May-22
Denmark	145	0 (0)	-	-	13	4 (31)	-	-	100%	100%	May-22
Estonia	19	0 (0)	-	-	2	0 (0)	-	-	100%	80%	May-22
Finland	3	0 (0)	-	-	3	0 (0)	-	-	100%	80%	May-22
France	-	-	B3	100%	-	-	-	-	-	-	No report
Georgia	3	0 (0)	-	-	3	0 (0)	-	-	40%	0%	Feb-22
Germany	45	9 (20)	B3	100%	16	0 (0)	-	-	100%	80%	May-22
Greece	0	-	-	-	0	-	-	-	60%	20%	Mar-22
Hungary	44	0 (0)	-	-	43	0 (0)	-	-	100%	100%	May-22
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	189	0 (0)	-	-	782	0 (0)	-	-	80%	40%	Apr-22
Israel	-	-	-	-	-	-	-	-	-	-	No report
Italy	26	4 (15)	B3	100%	7	0 (0)	-	-	100%	100%	May-22
Kazakhstan	8	0 (0)	-	-	13	0 (0)	-	-	100%	60%	May-22
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	44	1 (2)	-	-	41	1 (2)	-	-	100%	100%	May-22
Lithuania	12	0 (0)	-	-	12	0 (0)	-	-	100%	100%	May-22
Luxembourg	2	0 (0)	-	-	0	-	-	-	80%	80%	May-22
Malta	14	0 (0)	-	-	228	0 (0)	-	-	80%	40%	Apr-22
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	1	0 (0)	-	-	1	0 (0)	-	-	20%	20%	Jan-22
North Macedonia	-	-	-	-	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	80%	80%	Apr-22
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	5	0 (0)	-	-	2	0 (0)	-	-	100%	100%	May-22
Republic of Moldova	28	0 (0)	-	-	29	0 (0)	-	-	100%	100%	May-22
Romania	59	6 (10)	-	-	56	0 (0)	-	-	100%	40%	May-22
Russian Federation	960	31 (3)	D8	100%	949	2 (0)	-	-	100%	100%	May-22
San Marino											No lab
Serbia	6	0 (0)	-	-	6	0 (0)	-	-	40%	40%	Apr-22
Slovakia	14	0 (0)	-	-	1	0 (0)	-	-	100%	100%	May-22
Slovenia	21	1 (5)	-	-	5	0 (0)	-	-	100%	100%	May-22
Spain	-	-	-	-	-	-	-	-	-	-	No report
Sweden	430	4 (1)	-	-	869	16 (2)	-	-	100%	80%	May-22
Switzerland	45	4 (9)	-	-	8	8 (100)	-	-	100%	100%	May-22
Tajikistan	-	-	-	-	-	-	-	-	-	-	No report
Türkiye	519	40 (8)	-	-	509	36 (7)	-	-	80%	40%	Apr-22
Turkmenistan	49	0 (0)	-	-	49	0 (0)	-	-	100%	100%	May-22
Ukraine	1	0 (0)	-	-	1	1 (100)	-	-	100%	60%	May-22
United Kingdom	1238	10 (1)	B3	100%	989	0 (0)	-	-	100%	100%	May-22
Uzbekistan	66	5 (8)	-	-	66	1 (2)	-	-	100%	80%	May-22
Region	4607	120 (3)	-	100%	6796	73 (1)	-	-	63%	52%	

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: <https://www.who.int/europe/health-topics/vaccines-and-immunization> © World Health Organization, 2022.