

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 May 2021—April 2022 (data as of 01 June 2022)

Country	Total Population in 2021 ¹	Incidence Rate May 2021–April 2022 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Austria	9 043 070	0.11	1	0	0	0	0	0	0	1	0	0	0	0	0	Apr-22
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	2	0	0	0	0	0	0	Apr-22
Belarus	9 442 862	0.21	2	2	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Belgium	11 632 326	0.95	11	0	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	0	1	0	1	1	0	Apr-22
Bulgaria	6 896 663	0.14	1	0	0	0	0	0	0	0	0	0	0	0	1	Apr-22
Croatia	4 081 651	0.00	0	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	0	1	0	0	0	0	Apr-22
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Denmark	5 813 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Finland	5 548 360	0.54	3	0	0	0	2	1	0	0	0	0	0	0	0	Apr-22
France	65 426 179	0.29	19	1	0	2	2	0	3	0	3	0	1	0	7	Apr-22
Georgia	3 979 765	2.01	8	0	0	1	0	1	1	2	0	1	1	0	1	Apr-22
Germany	83 900 473	0.13	11	1	0	0	0	0	2	0	1	2	3	1	1	Apr-22
Greece	10 370 744	0.10	1	0	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	-	Mar-22
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Ireland	4 982 907	1.20	6	0	0	0	1	0	0	1	1	0	1	0	2	Apr-22
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Italy	60 367 477	0.22	13	1	1	1	2	1	1	1	1	1	1	2	0	Apr-22
Kazakhstan	18 994 962	0.05	1	0	1	0	0	0	0	0	0	0	0	0	0	Apr-22
Kyrgyzstan	6 628 356	1.66	11	0	0	0	0	0	0	0	1	2	0	7	1	Apr-22
Latvia	1 866 942	0.00	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	Apr-22
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Malta	442 784	0.00	0	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	Apr-22
Montenegro	628 053	0.00	0	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	Apr-22
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Poland	37 797 005	0.53	20	2	1	0	3	0	1	1	0	2	2	2	6	Apr-22
Portugal	10 167 925	0.00	0	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	Apr-22
Romania	19 127 774	0.05	1	0	0	0	0	0	0	0	1	0	0	0	0	Apr-22
Russian Federation	145 912 025	0.07	10	1	0	0	0	0	0	0	0	4	0	3	2	Apr-22
San Marino	34 010	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Serbia	8 697 550	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Slovakia	5 460 721	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Spain	46 745 216	0.04	2	0	0	0	0	1	1	0	0	0	0	0	0	Apr-22
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Tajikistan	9 749 627	14.36	140	0	0	0	0	0	0	0	10	17	22	49	42	Apr-22
Türkiye	85 042 738	0.80	68	7	2	6	0	8	5	7	10	2	1	9	11	Apr-22
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Ukraine	43 466 819	0.28	12	0	0	3	1	2	0	2	1	1	1	1	0	Apr-22
United Kingdom	68 207 116	0.01	1	0	0	0	0	0	0	0	0	1	0	0	0	Apr-22
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	-	-	-	-	Dec-21
Region	935 010 911	0.37	348	15	5	15	11	14	16	16	34	34	35	77	76	

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 May 2021—April 2022 (data as of 01 June 2022)

Country	Total Population in 2021 ¹	Incidence Rate May 2021–April 2022 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Azerbaijan	10 223 342	0.59	6	0	0	0	0	2	0	0	0	1	0	0	3	Apr-22
Belarus	9 442 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-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	Apr-22
Bulgaria	6 896 663	0.14	1	0	0	0	0	0	0	1	0	0	0	0	0	Apr-22
Croatia	4 081 651	0.00	0	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	Apr-22
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-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	Apr-22
Finland	5 548 360	0.36	2	0	1	0	0	0	0	0	0	0	0	0	1	Apr-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	Apr-22
Germany	83 900 473	0.07	6	2	0	0	0	0	2	0	0	2	0	0	0	Apr-22
Greece	10 370 744	0.00	0	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	-	Mar-22
Iceland	343 353	0.00	0	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	Apr-22
Israel	8 789 774	0.11	1	0	0	0	0	0	0	0	1	0	0	0	0	Apr-22
Italy	60 367 477	0.02	1	0	0	0	0	0	0	0	0	0	1	0	0	Apr-22
Kazakhstan	18 994 962	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Kyrgyzstan	6 628 356	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Latvia	1 866 942	0.00	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	Apr-22
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Malta	442 784	0.00	0	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	Apr-22
Montenegro	628 053	0.00	0	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	Apr-22
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Poland	37 797 005	2.06	78	8	2	8	1	4	6	4	4	8	3	14	16	Apr-22
Portugal	10 167 925	0.00	0	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	Apr-22
Romania	19 127 774	0.05	1	0	0	0	0	0	1	0	0	0	0	0	0	Apr-22
Russian Federation	145 912 025	0.01	1	0	1	0	0	0	0	0	0	0	0	0	0	Apr-22
San Marino	34 010	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-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	Apr-22
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Spain	46 745 216	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Türkiye	85 042 738	0.31	26	0	0	3	2	2	2	1	3	0	3	7	3	Apr-22
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Ukraine	43 466 819	0.28	12	0	0	0	6	1	1	1	1	2	0	0	0	Apr-22
United Kingdom	68 207 116	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-22
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	-	-	-	-	Dec-21
Region	935 010 911	0.14	135	10	4	11	9	9	12	7	9	13	7	21	23	

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—April 2022 (data as of 01 June 2022)

Country	Total Population in 2021 ¹	2021 (as of 01 June 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%	Apr-22	100%	0.0	-	100%
Andorra	77 354	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Apr-22	-	0.0	-	-
Armenia	2 968 127	0.00	0	-	0	0	0	0	2	-	-	100%	75%	Apr-22	100%	0.1	-	100%
Austria	9 043 070	0.11	1	0	0	0	0	0	1	-	-	100%	100%	Apr-22	0%	0.0	-	0%
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	61	-	-	100%	100%	Apr-22	100%	0.6	-	100%
Belarus ⁷	9 442 862	0.32	3	0	0	0	0	0	58	-	-	100%	75%	Apr-22	100%	0.6	-	0%
Belgium	11 632 326	0.60	7	0	5	1	0	4	-	-	0	100%	100%	Apr-22	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.61	2	0	2	0	0	2	-	-	0	100%	0%	Apr-22	-	-	-	-
Bulgaria	6 896 663	0.00	0	-	1	1	0	0	-	0	0	100%	100%	Apr-22	100%	-	100%	100%
Croatia	4 081 651	0.00	0	-	0	0	0	0	0	-	-	75%	25%	Mar-22	-	0.0	-	-
Cyprus	1 215 584	0.82	1	0	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Czech Republic	10 724 555	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Denmark	5 813 298	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Estonia	1 325 185	0.00	0	-	0	0	0	0	53	-	-	100%	100%	Apr-22	100%	4.0	-	96%
Finland	5 548 360	0.54	3	0	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
France	65 426 179	0.24	16	0	8	6	1	1	-	1	0	100%	50%	Apr-22	100%	-	88%	0%
Georgia	3 979 765	1.26	5	0	3	0	0	3	5	0	0	100%	100%	Apr-22	88%	0.1	100%	63%
Germany	83 900 473	0.08	7	0	7	6	0	1	-	4	0	100%	100%	Apr-22	86%	-	100%	0%
Greece	10 370 744	0.00	0	-	1	0	0	1	0	0	0	100%	100%	Apr-22	0%	0.0	100%	0%
Hungary	9 634 164	0.00	0	-	0	0	0	0	0	-	-	75%	75%	Mar-22	-	0.0	-	-
Iceland	343 353	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Ireland	4 982 907	0.80	4	0	3	0	0	3	-	0	0	100%	100%	Apr-22	0%	-	33%	33%
Israel	8 789 774	0.00	0	-	0	0	0	0	-	-	-	100%	75%	Apr-22	-	-	-	-
Italy	60 367 477	0.15	9	0	4	3	0	1	3	1	0	100%	100%	Apr-22	86%	0.0	75%	0%
Kazakhstan	18 994 962	0.11	2	0	0	0	0	0	-	-	-	100%	75%	Apr-22	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.60	4	0	10	0	0	10	14	0	0	100%	100%	Apr-22	58%	0.2	0	79%
Latvia	1 866 942	0.00	0	-	0	0	0	0	-	-	-	50%	25%	Feb-22	-	-	-	-
Lithuania	2 689 862	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Luxembourg	634 814	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Apr-22	-	0.0	-	-
Malta	442 784	0.00	0	-	0	0	0	0	-	-	-	75%	25%	Mar-22	-	-	-	-
Monaco	39 520	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Apr-22	-	0.0	-	-
Montenegro	628 053	0.00	0	-	0	0	0	0	2	-	-	100%	100%	Apr-22	100%	0.3	-	0%
Netherlands	17 173 099	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
North Macedonia	2 082 658	0.00	0	-	0	0	0	0	-	-	-	100%	50%	Apr-22	-	-	-	-
Norway	5 465 630	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Poland	37 797 005	0.37	14	0	12	2	0	10	-	-	0	100%	100%	Apr-22	-	-	-	-
Portugal	10 167 925	0.00	0	-	0	0	0	0	0	-	-	75%	75%	Mar-22	-	0.0	-	-
Republic of Moldova	4 024 019	0.00	0	-	0	0	0	0	15	-	-	100%	100%	Apr-22	100%	0.4	-	100%
Romania	19 127 774	0.10	2	0	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Russian Federation	145 912 025	0.01	1	0	9	8	1	0	438	3	0	100%	100%	Apr-22	100%	0.3	100%	40%
San Marino	34 010	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Apr-22	-	0.0	-	-
Serbia	8 697 550	0.11	1	0	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Slovakia	5 460 721	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Apr-22	-	0.0	-	-
Slovenia	2 078 724	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Spain	46 745 216	0.04	2	0	0	0	0	0	4	-	-	100%	100%	Apr-22	100%	0.0	-	100%
Sweden	10 160 169	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Apr-22	-	-	-	-
Switzerland	8 715 494	0.00	0	-	0	0	0	0	41	-	-	100%	100%	Apr-22	100%	0.5	-	2%
Tajikistan	9 749 627	1.03	10	0	130	130	0	0	71	43	0	100%	100%	Apr-22	100%	0.7	62%	100%
Türkiye ⁷	85 042 738	0.60	51	0	23	23	0	0	259	0	0	100%	100%	Apr-22	100%	0.3	57%	96%
Turkmenistan ⁷	6 117 924	0.00	0	-	0	0	0	0	29	-	-	100%	100%	Apr-22	100%	0.5	-	100%
Ukraine	43 466 819	0.37	16	0	3	1	0	2	7	0	0	100%	100%	Apr-22	60%	0.0	100%	100%
United Kingdom	68 207 116	0.03	2	0	1	1	0	0	-	1	0	100%	100%	Apr-22	100%	-	100%	0%
Uzbekistan	33 935 763	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	935 010 911	0.18	165	0	222	182	2	38	1064	53	0	95%	87%		98%	0.2	64%	67%

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—April 2022 (data as of 01 June 2022)

Country	Total Population in 2021 ¹	2021 (as of 01 June 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%	Apr-22	100%	0.0	-	100%
Andorra	77 354	0.00	0	0	0	0	0	0	-	100%	100%	Apr-22	-	0.0	-	-
Armenia	2 968 127	0.00	0	0	0	0	0	0	-	100%	75%	Apr-22	-	0.0	-	-
Austria	9 043 070	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Azerbaijan	10 223 342	0.20	2	4	2	0	2	31	0	100%	100%	Apr-22	97%	0.3	0%	100%
Belarus ⁷	9 442 862	0.00	0	0	0	0	0	58	-	100%	75%	Apr-22	100%	0.6	-	0%
Belgium ⁸	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.31	1	0	0	0	0	-	-	100%	0%	Apr-22	-	-	-	-
Bulgaria	6 896 663	0.14	1	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Croatia	4 081 651	0.00	0	0	0	0	0	-	-	75%	25%	Mar-22	-	-	-	-
Cyprus	1 215 584	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Czech Republic	10 724 555	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Denmark ⁸	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	21	-	100%	100%	Apr-22	100%	1.6	-	100%
Finland	5 548 360	0.18	1	1	1	0	0	-	0	100%	100%	Apr-22	100%	-	0%	0%
France ⁸	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	1	-	100%	100%	Apr-22	100%	0.0	-	100%
Germany	83 900 473	0.08	7	2	1	0	1	-	0	100%	100%	Apr-22	50%	-	0%	0%
Greece	10 370 744	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Hungary	9 634 164	0.00	0	0	0	0	0	0	-	75%	75%	Mar-22	-	0.0	-	-
Iceland	343 353	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Ireland	4 982 907	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Israel	8 789 774	0.11	1	0	0	0	0	-	-	100%	75%	Apr-22	-	-	-	-
Italy	60 367 477	0.00	0	1	1	0	0	3	0	100%	100%	Apr-22	100%	0.0	100%	0%
Kazakhstan	18 994 962	0.00	0	0	0	0	0	-	-	100%	75%	Apr-22	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.15	1	0	0	0	0	14	-	100%	100%	Apr-22	100%	0.2	-	64%
Latvia	1 866 942	0.00	0	0	0	0	0	-	-	50%	25%	Feb-22	-	-	-	-
Lithuania	2 689 862	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Luxembourg	634 814	0.00	0	0	0	0	0	0	-	100%	100%	Apr-22	-	0.0	-	-
Malta	442 784	0.00	0	0	0	0	0	-	-	75%	25%	Mar-22	-	-	-	-
Monaco	39 520	0.00	0	0	0	0	0	0	-	100%	100%	Apr-22	-	0.0	-	-
Montenegro	628 053	0.00	0	0	0	0	0	0	-	100%	75%	Apr-22	-	0.0	-	-
Netherlands	17 173 099	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
North Macedonia	2 082 658	0.00	0	0	0	0	0	-	-	100%	50%	Apr-22	-	-	-	-
Norway	5 465 630	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Poland	37 797 005	1.32	50	41	1	0	40	-	-	100%	100%	Apr-22	-	-	-	-
Portugal	10 167 925	0.00	0	0	0	0	0	2	-	75%	75%	Mar-22	100%	0.0	-	100%
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	1	-	100%	100%	Apr-22	100%	0.0	-	100%
Romania	19 127 774	0.05	1	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Russian Federation	145 912 025	0.01	1	0	0	0	0	0	-	100%	100%	Apr-22	-	0.0	-	-
San Marino	34 010	0.00	0	0	0	0	0	0	-	100%	100%	Apr-22	-	0.0	-	-
Serbia	8 697 550	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 460 721	0.00	0	0	0	0	0	0	-	100%	100%	Apr-22	-	0.0	-	-
Slovenia	2 078 724	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Spain	46 745 216	0.00	0	0	0	0	0	0	-	100%	100%	Apr-22	-	0.0	-	-
Sweden	10 160 169	0.00	0	0	0	0	0	0	-	100%	100%	Apr-22	-	0.0	-	-
Switzerland	8 715 494	0.00	0	0	0	0	0	22	-	100%	100%	Apr-22	95%	0.3	-	18%
Tajikistan	9 749 627	0.00	0	0	0	0	0	7	-	100%	100%	Apr-22	100%	0.1	-	100%
Türkiye ⁷	85 042 738	0.18	15	13	13	0	0	259	0	100%	100%	Apr-22	100%	0.3	100%	97%
Turkmenistan ⁷	6 117 924	0.00	0	0	0	0	0	29	-	100%	100%	Apr-22	100%	0.5	-	100%
Ukraine	43 466 819	0.44	19	2	2	0	0	2	0	100%	100%	Apr-22	75%	0.0	100%	100%
United Kingdom	68 207 116	0.00	0	0	0	0	0	-	-	100%	100%	Apr-22	-	-	-	-
Uzbekistan	33 935 763	0.00	0	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	935 010 911	0.11	100	64	21	0	43	451	0	88%	80%		99%	0.1	70%	80%

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—April 2022 (data as of 01 June 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%	75%	Apr-22
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	374	0 (0)	D8	100%	1583	0 (0)	-	-	100%	100%	Apr-22
Azerbaijan	58	0 (0)	-	-	29	1 (3)	-	-	100%	100%	Apr-22
Belarus	-	-	-	-	-	-	-	-	-	-	No report
Belgium	-	-	-	-	-	-	-	-	-	-	No report
Bosnia and Herzegovina	8	0 (0)	-	-	7	0 (0)	-	-	75%	75%	Apr-22
Bulgaria	10	1 (10)	-	-	8	0 (0)	-	-	100%	50%	Apr-22
Croatia	0	-	-	-	0	-	-	-	50%	50%	Feb-22
Cyprus	2	0 (0)	-	-	5	0 (0)	-	-	50%	50%	Feb-22
Czech Republic	6	3 (50)	-	-	11	0 (0)	-	-	100%	75%	Apr-22
Denmark	114	0 (0)	-	-	9	4 (44)	-	-	100%	100%	Apr-22
Estonia	12	0 (0)	-	-	0	-	-	-	100%	75%	Apr-22
Finland	3	0 (0)	-	-	3	0 (0)	-	-	100%	75%	Apr-22
France	-	-	B3	100%	-	-	-	-	-	-	No report
Georgia	3	0 (0)	-	-	3	0 (0)	-	-	50%	0%	Feb-22
Germany	32	9 (28)	B3	100%	7	0 (0)	-	-	100%	100%	Apr-22
Greece	0	-	-	-	0	-	-	-	75%	25%	Mar-22
Hungary	32	0 (0)	-	-	33	0 (0)	-	-	100%	100%	Apr-22
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	189	0 (0)	-	-	782	0 (0)	-	-	100%	50%	Apr-22
Israel	-	-	-	-	-	-	-	-	-	-	No report
Italy	24	4 (17)	B3	100%	7	0 (0)	-	-	100%	100%	Apr-22
Kazakhstan	3	0 (0)	-	-	13	0 (0)	-	-	100%	50%	Apr-22
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	35	1 (3)	-	-	34	1 (3)	-	-	100%	100%	Apr-22
Lithuania	3	0 (0)	-	-	3	0 (0)	-	-	100%	100%	Apr-22
Luxembourg	2	0 (0)	-	-	0	-	-	-	75%	75%	Apr-22
Malta	14	0 (0)	-	-	228	0 (0)	-	-	100%	50%	Apr-22
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	1	0 (0)	-	-	1	0 (0)	-	-	25%	25%	Jan-22
North Macedonia	-	-	-	-	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	100%	100%	Apr-22
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	5	0 (0)	-	-	2	0 (0)	-	-	100%	100%	Apr-22
Republic of Moldova	21	0 (0)	-	-	22	0 (0)	-	-	100%	100%	Apr-22
Romania	38	4 (11)	-	-	35	0 (0)	-	-	100%	25%	Apr-22
Russian Federation	687	18 (3)	D8	100%	680	2 (0)	-	-	100%	100%	Apr-22
San Marino											No lab
Serbia	6	0 (0)	-	-	6	0 (0)	-	-	50%	50%	Apr-22
Slovakia	9	0 (0)	-	-	1	0 (0)	-	-	100%	100%	Apr-22
Slovenia	16	1 (6)	-	-	5	0 (0)	-	-	100%	100%	Apr-22
Spain	-	-	-	-	-	-	-	-	-	-	No report
Sweden	339	1 (0)	-	-	650	15 (2)	-	-	100%	75%	Apr-22
Switzerland	41	4 (10)	-	-	5	5 (100)	-	-	100%	100%	Apr-22
Tajikistan	-	-	-	-	-	-	-	-	-	-	No report
Türkiye	519	40 (8)	-	-	509	36 (7)	-	-	100%	50%	Apr-22
Turkmenistan	29	0 (0)	-	-	29	0 (0)	-	-	100%	100%	Apr-22
Ukraine	1	0 (0)	-	-	1	1 (100)	-	-	100%	50%	Apr-22
United Kingdom	1152	10 (1)	B3	100%	986	0 (0)	-	-	100%	100%	Apr-22
Uzbekistan	55	3 (5)	-	-	55	1 (2)	-	-	100%	75%	Apr-22
Region	3844	99 (3)	-	100%	5752	66 (1)	-	-	65%	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.

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