

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 November 2020—October 2021 (data as of 02 December 2021)

Country	Total Population in 2021 ¹	Incidence Rate November 2020–October 2021 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	
Albania	2 872 933	0.35	1	0	1	0	0	0	0	0	0	0	0	0	0	Oct-21
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	0	0	0	0	0	0	2	Oct-21
Belarus	9 442 862	0.32	3	0	0	0	0	0	1	2	0	0	0	0	0	Oct-21
Belgium	11 632 326	1.29	15	2	1	0	0	5	0	0	3	3	0	0	1	Oct-21
Bosnia and Herzegovina	3 263 466	0.31	1	0	0	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	Oct-21
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Aug-21
Cyprus	1 215 584	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Denmark	5 813 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Finland	5 548 360	0.54	3	0	0	0	0	0	0	0	0	0	2	1	0	Oct-21
France	65 426 179	0.21	14	0	3	2	2	1	0	1	0	2	0	0	3	Oct-21
Georgia	3 979 765	1.51	6	1	2	0	0	0	0	0	0	1	0	1	1	Oct-21
Germany	83 900 473	0.05	4	0	0	1	1	0	1	1	0	0	0	0	0	Oct-21
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Ireland	4 982 907	0.60	3	1	0	1	0	0	0	0	0	0	1	0	0	Oct-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Italy	60 367 477	0.12	7	0	0	0	0	0	0	1	1	1	2	1	1	Oct-21
Kazakhstan	18 994 962	0.16	3	1	0	1	0	0	0	0	1	0	0	0	0	Oct-21
Kyrgyzstan	6 628 356	0.91	6	0	2	0	0	2	2	0	0	0	0	0	0	Oct-21
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Monaco	39 520	0.00	0	-	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Montenegro	628 053	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Poland	37 797 005	0.37	14	0	0	0	0	5	1	2	1	0	3	1	1	Oct-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Romania	19 127 774	0.05	1	0	0	0	0	0	1	0	0	0	0	0	0	Oct-21
Russian Federation	145 912 025	0.01	1	0	0	0	0	0	0	1	0	0	0	0	0	Oct-21
San Marino	34 010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Sep-20
Serbia	8 697 550	0.11	1	0	0	1	0	0	0	0	0	0	0	0	0	Oct-21
Slovakia	5 460 721	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Spain	46 745 216	0.04	2	0	0	0	0	0	0	0	0	0	0	1	1	Oct-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Sep-21
Turkey	85 042 738	0.41	35	3	0	4	0	2	0	7	2	6	0	8	3	Oct-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Ukraine	43 466 819	0.37	16	3	0	0	4	3	0	0	0	3	1	2	0	Oct-21
United Kingdom	68 207 116	0.03	2	0	0	0	0	1	1	0	0	0	0	0	0	Oct-21
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Sep-21
Region	935 010 911	0.15	140	11	9	11	7	19	7	15	8	16	9	15	13	

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 November 2020—October 2021 (data as of 02 December 2021)

Country	Total Population in 2021 ¹	Incidence Rate November 2020–October 2021 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	0	0	0	0	0	2	0	Oct-21
Belarus	9 442 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Belgium ²	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.31	1	0	0	0	0	0	1	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	Oct-21
Croatia	4 081 651	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Aug-21
Cyprus	1 215 584	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-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	Oct-21
Finland	5 548 360	0.18	1	0	0	0	0	0	0	0	1	0	0	0	0	Oct-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	Oct-21
Germany	83 900 473	0.11	9	1	0	1	1	1	0	3	0	0	0	0	2	Oct-21
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Ireland	4 982 907	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Italy	60 367 477	0.07	4	0	2	0	0	0	0	0	0	0	0	1	1	Oct-21
Kazakhstan	18 994 962	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Kyrgyzstan	6 628 356	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Monaco	39 520	0.00	0	-	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Montenegro	628 053	0.00	0	-	-	0	0	0	0	0	0	0	0	0	0	Oct-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Poland	37 797 005	1.35	51	3	5	2	4	4	3	9	2	8	1	4	6	Oct-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Romania	19 127 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Russian Federation	145 912 025	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
San Marino	34 010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	Oct-21
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Spain	46 745 216	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Sep-21
Turkey	85 042 738	0.15	13	0	2	0	0	2	0	0	0	3	2	2	2	Oct-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Ukraine	43 466 819	0.39	17	0	1	8	0	0	1	0	0	0	6	1	0	Oct-21
United Kingdom	68 207 116	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Oct-21
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Sep-21
Region	935 010 911	0.10	98	4	10	11	5	7	5	12	3	11	9	10	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—October 2021 (data as of 02 December 2021)

Country	Total Population in 2021 ¹	2020 (as of 02 December 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%	Oct-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	-	0	0	0	0	0	-	-	100%	90%	Oct-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	-	0	0	0	0	19	-	-	100%	70%	Oct-21	100%	0.6	-	95%
Austria	9 043 070	2.78	25	0	0	0	0	0	0	-	-	100%	90%	Oct-21	-	0.0	-	-
Azerbaijan	10 223 342	0.20	2	0	2	0	0	2	65	0	0	100%	100%	Oct-21	97%	0.6	0%	97%
Belarus ⁷	9 442 862	0.00	0	-	3	3	0	0	187	0	0	100%	80%	Oct-21	99%	2.0	0%	0%
Belgium	11 632 326	5.18	60	0	12	3	0	9	-	-	0	100%	100%	Oct-21	-	-	-	-
Bosnia and Herzegovina	3 263 466	1.22	4	0	1	0	0	1	-	-	0	80%	0%	Aug-21	-	-	-	-
Bulgaria	6 896 663	35.26	245	2	0	0	0	0	-	-	-	100%	100%	Oct-21	-	-	-	-
Croatia	4 081 651	0.00	0	-	0	0	0	0	0	-	-	80%	60%	Aug-21	-	0.0	-	-
Cyprus	1 215 584	0.83	1	0	0	0	0	0	-	-	-	100%	100%	Oct-21	-	-	-	-
Czech Republic	10 724 555	0.37	4	0	0	0	0	0	-	-	-	100%	90%	Oct-21	-	-	-	-
Denmark	5 813 298	0.69	4	0	0	0	0	0	0	-	-	100%	100%	Oct-21	-	-	-	-
Estonia	1 325 185	0.00	0	-	0	0	0	0	12	-	-	100%	90%	Oct-21	100%	0.9	-	100%
Finland	5 548 360	0.90	5	0	3	3	0	0	-	1	0	100%	100%	Oct-21	100%	-	33%	0%
France	65 426 179	3.68	240	0	11	9	0	2	-	3	0	100%	80%	Oct-21	82%	-	100%	0%
Georgia	3 979 765	5.01	20	0	3	1	0	2	19	0	0	100%	100%	Oct-21	91%	0.5	67%	91%
Germany	83 900 473	0.87	73	0	4	3	0	1	-	0	0	100%	90%	Oct-21	75%	-	0	0%
Greece	10 370 744	0.19	2	0	0	0	0	0	0	-	-	100%	90%	Oct-21	-	0.0	-	-
Hungary	9 634 164	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Oct-21	-	0.0	-	-
Iceland	343 353	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Oct-21	-	-	-	-
Ireland	4 982 907	3.85	19	0	2	0	0	2	-	0	0	100%	80%	Oct-21	50%	-	50%	100%
Israel	8 789 774	0.69	6	0	0	0	0	0	-	-	-	100%	70%	Oct-21	-	-	-	-
Italy	60 367 477	1.74	105	0	7	4	0	3	9	1	0	100%	90%	Oct-21	75%	0.0	71%	0%
Kazakhstan	18 994 962	174.10	3269	5	2	2	0	0	-	-	0	100%	70%	Oct-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	109.44	714	1	4	1	0	3	0	0	0	100%	60%	Oct-21	25%	0.0	100%	100%
Latvia	1 866 942	0.00	0	-	0	0	0	0	-	-	-	100%	90%	Oct-21	-	-	-	-
Lithuania	2 689 862	0.37	1	0	0	0	0	0	-	-	-	100%	90%	Oct-21	-	-	-	-
Luxembourg	634 814	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Oct-21	-	0.0	-	-
Malta	442 784	4.53	2	0	0	0	0	0	-	-	-	100%	90%	Oct-21	-	-	-	-
Monaco	39 520	0.00	0	-	0	0	0	0	0	-	-	100%	70%	Oct-21	-	0.0	-	-
Montenegro	628 053	0.00	0	-	0	0	0	0	0	-	-	100%	30%	Oct-21	-	0.0	-	-
Netherlands	17 173 099	0.12	2	0	0	0	0	0	-	-	-	100%	100%	Oct-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	-	0	0	0	0	-	-	-	100%	60%	Oct-21	-	-	-	-
Norway	5 465 630	0.74	4	0	0	0	0	0	-	-	-	100%	100%	Oct-21	-	-	-	-
Poland	37 797 005	0.79	30	0	14	7	0	7	-	-	0	100%	100%	Oct-21	-	-	-	-
Portugal	10 167 925	0.88	9	0	0	0	0	0	4	-	-	100%	100%	Oct-21	100%	0.0	-	75%
Republic of Moldova	4 024 019	4.21	17	0	0	0	0	0	55	-	-	100%	100%	Oct-21	100%	1.4	-	100%
Romania	19 127 774	50.73	976	0	1	1	0	0	-	0	0	100%	90%	Oct-21	100%	-	100%	100%
Russian Federation	145 912 025	7.54	1100	0	1	1	0	0	1612	0	0	100%	90%	Oct-21	100%	1.1	100%	15%
San Marino	34 010	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Sep-20	-	-	-	-
Serbia	8 697 550	0.00	0	-	1	1	0	0	-	-	0	100%	90%	Oct-21	-	-	-	-
Slovakia	5 460 721	0.00	0	-	0	0	0	0	0	-	-	100%	90%	Oct-21	-	0.0	-	-
Slovenia	2 078 724	2.89	6	0	0	0	0	0	-	-	-	100%	90%	Oct-21	-	-	-	-
Spain	46 745 216	1.99	93	0	2	2	0	0	18	1	0	100%	80%	Oct-21	90%	0.0	100%	70%
Sweden	10 160 169	0.50	5	0	0	0	0	0	-	-	-	100%	100%	Oct-21	-	-	-	-
Switzerland	8 715 494	3.93	34	0	0	0	0	0	53	-	-	100%	90%	Oct-21	100%	0.6	-	4%
Tajikistan	9 749 627	17.61	168	0	0	0	0	0	50	-	-	90%	80%	Sep-21	100%	0.5	-	100%
Turkey ⁷	85 042 738	7.15	603	2	32	29	1	2	536	0	0	100%	80%	Oct-21	100%	0.6	75%	96%
Turkmenistan ⁷	6 117 924	0.00	0	-	0	0	0	0	107	-	-	100%	100%	Oct-21	100%	1.7	-	100%
Ukraine	43 466 819	4.82	211	0	13	2	0	11	60	0	0	100%	100%	Oct-21	70%	0.1	92%	100%
United Kingdom	68 207 116	1.24	84	0	2	2	0	0	-	1	0	100%	100%	Oct-21	100%	-	100%	0%
Uzbekistan	33 935 763	121.10	4053	0	0	0	0	0	0	-	-	90%	30%	Sep-21	-	0.0	-	-
Region	935 010 911	13.08	12200	10	120	74	1	45	2808	7	0	97%	84%		99%	0.5	73%	42%

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—October 2021 (data as of 02 December 2021)

Country	Total Population in 2021 ¹	2020 (as of 02 December 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%	Oct-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	0	0	0	0	0	-	100%	90%	Oct-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	0	0	0	0	0	-	100%	70%	Oct-21	-	0.0	-	-
Austria	9 043 070	0.11	1	0	0	0	0	-	-	100%	90%	Oct-21	-	-	-	-
Azerbaijan	10 223 342	0.30	3	2	1	0	1	15	0	100%	100%	Oct-21	94%	0.1	0%	100%
Belarus ⁷	9 442 862	0.11	1	0	0	0	0	187	-	100%	80%	Oct-21	99%	2.0	-	0%
Belgium ⁸	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.00	0	1	0	0	1	-	-	80%	0%	Aug-21	-	-	-	-
Bulgaria	6 896 663	0.00	0	0	0	0	0	-	-	100%	100%	Oct-21	-	-	-	-
Croatia	4 081 651	0.00	0	0	0	0	0	-	-	80%	60%	Aug-21	-	-	-	-
Cyprus	1 215 584	0.83	1	0	0	0	0	-	-	100%	100%	Oct-21	-	-	-	-
Czech Republic	10 724 555	0.00	0	0	0	0	0	-	-	100%	90%	Oct-21	-	-	-	-
Denmark ⁸	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	4	-	100%	90%	Oct-21	100%	0.3	-	100%
Finland	5 548 360	0.00	0	1	1	0	0	-	0	100%	100%	Oct-21	100%	-	100%	0%
France ⁸	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	2	-	100%	100%	Oct-21	50%	0.1	-	100%
Germany	83 900 473	0.20	17	8	5	0	3	-	1	100%	80%	Oct-21	63%	-	13%	0%
Greece	10 370 744	0.00	0	0	0	0	0	-	-	100%	90%	Oct-21	-	-	-	-
Hungary	9 634 164	0.00	0	0	0	0	0	0	-	100%	100%	Oct-21	-	0.0	-	-
Iceland	343 353	0.00	0	0	0	0	0	-	-	100%	100%	Oct-21	-	-	-	-
Ireland	4 982 907	0.41	2	0	0	0	0	-	-	100%	80%	Oct-21	-	-	-	-
Israel	8 789 774	0.00	0	0	0	0	0	-	-	100%	70%	Oct-21	-	-	-	-
Italy	60 367 477	0.25	15	2	1	0	1	2	0	100%	90%	Oct-21	75%	0.0	0%	0%
Kazakhstan	18 994 962	0.05	1	0	0	0	0	-	-	100%	70%	Oct-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.00	0	0	0	0	0	0	-	100%	60%	Oct-21	-	0.0	-	-
Latvia	1 866 942	0.00	0	0	0	0	0	-	-	100%	90%	Oct-21	-	-	-	-
Lithuania	2 689 862	0.00	0	0	0	0	0	-	-	100%	90%	Oct-21	-	-	-	-
Luxembourg	634 814	0.00	0	0	0	0	0	0	-	100%	100%	Oct-21	-	0.0	-	-
Malta	442 784	0.00	0	0	0	0	0	-	-	100%	90%	Oct-21	-	-	-	-
Monaco	39 520	0.00	0	0	0	0	0	0	-	100%	70%	Oct-21	-	0.0	-	-
Montenegro	628 053	-	-	0	0	0	0	0	-	100%	30%	Oct-21	-	0.0	-	-
Netherlands	17 173 099	0.00	0	0	0	0	0	-	-	100%	100%	Oct-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	0	0	0	0	-	-	100%	60%	Oct-21	-	-	-	-
Norway	5 465 630	0.18	1	0	0	0	0	-	-	100%	100%	Oct-21	-	-	-	-
Poland	37 797 005	2.54	96	43	1	0	42	-	-	100%	100%	Oct-21	-	-	-	-
Portugal	10 167 925	0.20	2	0	0	0	0	4	-	100%	100%	Oct-21	75%	0.0	-	75%
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	-	100%	100%	Oct-21	-	0.0	-	-
Romania	19 127 774	0.26	5	0	0	0	0	-	-	100%	90%	Oct-21	-	-	-	-
Russian Federation	145 912 025	0.02	3	0	0	0	0	0	-	100%	90%	Oct-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%	90%	Oct-21	-	0.0	-	-
Slovenia	2 078 724	0.00	0	0	0	0	0	-	-	100%	90%	Oct-21	-	-	-	-
Spain	46 745 216	0.00	0	0	0	0	0	3	-	100%	80%	Oct-21	100%	0.0	-	100%
Sweden	10 160 169	0.00	0	0	0	0	0	0	-	100%	100%	Oct-21	-	0.0	-	-
Switzerland	8 715 494	0.00	0	0	0	0	0	33	-	100%	90%	Oct-21	97%	0.4	-	9%
Tajikistan	9 749 627	0.00	0	0	0	0	0	11	-	90%	80%	Sep-21	100%	0.1	-	100%
Turkey ⁷	85 042 738	0.18	15	11	10	0	1	536	0	100%	80%	Oct-21	100%	0.6	100%	95%
Turkmenistan ⁷	6 117 924	0.00	0	0	0	0	0	107	-	100%	100%	Oct-21	100%	1.7	-	100%
Ukraine	43 466 819	0.62	27	16	2	0	14	43	0	100%	100%	Oct-21	73%	0.1	94%	100%
United Kingdom	68 207 116	0.00	0	0	0	0	0	-	-	100%	100%	Oct-21	-	-	-	-
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	-	90%	30%	Sep-21	-	0.0	-	-
Region	935 010 911	0.20	190	84	21	0	63	949	1	89%	77%		97%	0.2	70%	74%

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—October 2021 (data as of 02 December 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%	50%	Oct-21
Andorra											No lab
Armenia	0	-	-	-	0	-	-	-	20%	10%	Feb-21
Austria	985	0 (0)	B3	100%	3969	0 (0)	-	-	100%	90%	Oct-21
Azerbaijan	40	0 (0)	-	-	8	0 (0)	-	-	80%	70%	Oct-21
Belarus	-	-	B3	100%	-	-	-	-	-	-	No report
Belgium	-	-	-	-	-	-	-	-	-	-	No report
Bosnia and Herzegovina	6	0 (0)	-	-	5	0 (0)	-	-	10%	10%	Oct-21
Bulgaria	22	0 (0)	-	-	19	0 (0)	-	-	100%	90%	Oct-21
Croatia	0	-	-	-	0	-	-	-	40%	30%	Apr-21
Cyprus	38	0 (0)	-	-	53	0 (0)	-	-	90%	30%	Sep-21
Czech Republic	15	3 (20)	-	-	31	1 (3)	-	-	100%	100%	Oct-21
Denmark	270	3 (1)	-	-	25	2 (8)	-	-	100%	90%	Oct-21
Estonia	21	0 (0)	-	-	7	0 (0)	-	-	100%	80%	Oct-21
Finland	18	4 (22)	B3	100%	19	2 (11)	-	-	100%	80%	Oct-21
France	-	-	B3,D8	33%	-	-	-	-	-	-	No report
Georgia	24	4 (17)	-	-	22	5 (23)	-	-	90%	30%	Sep-21
Germany	78	6 (8)	B3	100%	45	4 (9)	-	-	100%	100%	Oct-21
Greece	-	-	-	-	-	-	-	-	-	-	No report
Hungary	51	0 (0)	-	-	58	0 (0)	-	-	100%	100%	Oct-21
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	78	0 (0)	-	-	630	0 (0)	-	-	30%	30%	Mar-21
Israel	157	8 (5)	-	-	1064	271 (25)	-	-	100%	60%	Oct-21
Italy	70	4 (6)	-	-	19	0 (0)	-	-	100%	100%	Oct-21
Kazakhstan	41	2 (5)	-	-	15	0 (0)	-	-	100%	90%	Oct-21
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	57	0 (0)	-	-	99	2 (2)	-	-	90%	90%	Oct-21
Lithuania	23	0 (0)	-	-	25	1 (4)	-	-	100%	90%	Oct-21
Luxembourg	9	0 (0)	-	-	0	-	-	-	100%	90%	Oct-21
Malta	11	1 (9)	-	-	169	1 (1)	-	-	30%	30%	Jul-21
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	15	1 (7)	-	-	14	0 (0)	-	-	50%	50%	Oct-21
North Macedonia	-	-	B3	0%	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	100%	90%	Oct-21
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	6	0 (0)	-	-	3	1 (33)	-	-	90%	80%	Oct-21
Republic of Moldova	57	0 (0)	-	-	57	0 (0)	-	-	100%	100%	Oct-21
Romania	22	0 (0)	-	-	23	0 (0)	-	-	80%	30%	Aug-21
Russian Federation	1878	21 (1)	-	-	1875	17 (1)	-	-	100%	100%	Oct-21
San Marino											No lab
Serbia	12	1 (8)	-	-	12	0 (0)	-	-	80%	80%	Oct-21
Slovakia	7	0 (0)	-	-	4	0 (0)	-	-	100%	90%	Oct-21
Slovenia	44	1 (2)	-	-	12	1 (8)	-	-	100%	100%	Oct-21
Spain	-	-	B3	100%	-	-	-	-	-	-	No report
Sweden	755	9 (1)	-	-	1687	15 (1)	-	-	100%	100%	Oct-21
Switzerland	48	2 (4)	-	-	6	6 (100)	-	-	100%	90%	Oct-21
Tajikistan	5	0 (0)	-	-	5	0 (0)	-	-	10%	10%	Jan-21
Turkey	1153	74 (6)	-	-	1028	91 (9)	-	-	100%	70%	Oct-21
Turkmenistan	103	0 (0)	-	-	103	0 (0)	-	-	100%	100%	Oct-21
Ukraine	62	0 (0)	-	-	62	0 (0)	-	-	100%	90%	Oct-21
United Kingdom	739	26 (4)	B3	100%	490	0 (0)	-	-	100%	80%	Oct-21
Uzbekistan	-	-	-	-	-	-	-	-	-	-	No report
Region	6922	170 (2)	-	70%	11663	420 (4)	-	-	62%	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: <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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