

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 December 2020—November 2021 (data as of 18 January 2022)

Country	Total Population in 2021 ¹	Incidence Rate December 2020–November 2021 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	
Albania	2 872 933	0.35	1	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	Nov-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Austria	9 043 070	0.11	1	0	0	0	0	0	0	0	0	0	0	0	1	Nov-21
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	0	0	0	0	0	2	0	Nov-21
Belarus	9 442 862	0.32	3	0	0	0	0	1	2	0	0	0	0	0	0	Nov-21
Belgium	11 632 326	1.20	14	1	0	0	5	0	0	3	3	0	0	1	1	Nov-21
Bosnia and Herzegovina	3 263 466	0.31	1	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	Nov-21
Croatia	4 081 651	0.00	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	Nov-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Denmark	5 813 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Estonia	1 325 185	0.00	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	2	1	0	-	Oct-21
France	65 426 179	0.23	15	3	2	2	1	0	1	0	2	0	0	3	1	Nov-21
Georgia	3 979 765	1.76	7	2	0	0	0	0	0	0	1	0	1	1	2	Nov-21
Germany	83 900 473	0.08	7	0	1	1	0	1	1	0	0	0	0	2	1	Nov-21
Greece	10 370 744	0.00	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	Nov-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Ireland	4 982 907	0.40	2	0	1	0	0	0	0	0	0	1	0	0	0	Nov-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Oct-21
Italy	60 367 477	0.13	8	0	0	0	0	0	1	1	1	2	1	1	1	Nov-21
Kazakhstan	18 994 962	0.11	2	0	1	0	0	0	0	1	0	0	0	0	0	Nov-21
Kyrgyzstan	6 628 356	0.91	6	3	0	0	1	2	0	0	0	0	0	0	0	Nov-21
Latvia	1 866 942	0.00	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	Nov-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Malta	442 784	0.00	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	Nov-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Poland	37 797 005	0.40	15	0	0	0	5	1	2	1	0	3	1	1	1	Nov-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Romania	19 127 774	0.05	1	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	1	0	0	0	0	0	0	Nov-21
San Marino	34 010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Sep-20
Serbia	8 697 550	0.11	1	0	1	0	0	0	0	0	0	0	0	0	0	Nov-21
Slovakia	5 460 721	0.00	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	Nov-21
Spain	46 745 216	0.04	2	0	0	0	0	0	0	0	0	0	1	1	0	Nov-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	-	0	Nov-21
Turkey	85 042 738	0.47	40	0	4	0	2	0	7	2	6	0	8	5	6	Nov-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Ukraine	43 466 819	0.32	14	0	0	4	3	0	0	0	3	1	2	0	1	Nov-21
United Kingdom	68 207 116	0.03	2	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	-	-	Sep-21
Region	935 010 911	0.16	148	10	11	7	18	7	15	8	16	9	15	17	15	

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 December 2020—November 2021 (data as of 18 January 2022)

Country	Total Population in 2021 ¹	Incidence Rate December 2020–November 2021 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	
Albania	2 872 933	0.00	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	Nov-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Azerbaijan	10 223 342	0.20	2	0	0	0	0	0	0	0	0	0	2	0	0	Nov-21
Belarus	9 442 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Belgium ²	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.31	1	0	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	0	1	Nov-21
Croatia	4 081 651	0.00	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	Nov-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Denmark ²	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Oct-21
Finland	5 548 360	0.36	2	0	0	0	0	0	0	1	0	0	0	0	1	Nov-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	Nov-21
Germany	83 900 473	0.10	8	0	1	1	1	0	3	0	0	0	0	2	0	Nov-21
Greece	10 370 744	0.00	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	Nov-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Ireland	4 982 907	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Oct-21
Italy	60 367 477	0.07	4	2	0	0	0	0	0	0	0	0	1	1	0	Nov-21
Kazakhstan	18 994 962	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Kyrgyzstan	6 628 356	0.15	1	0	0	0	1	0	0	0	0	0	0	0	0	Nov-21
Latvia	1 866 942	0.00	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	Nov-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Malta	442 784	0.00	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	Nov-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Poland	37 797 005	1.35	51	5	2	4	4	3	8	2	8	1	4	6	4	Nov-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Romania	19 127 774	0.00	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	Nov-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	-	Oct-21
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Spain	46 745 216	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	-	0	Nov-21
Turkey	85 042 738	0.16	14	2	0	0	2	0	0	0	3	2	2	2	1	Nov-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Nov-21
Ukraine	43 466 819	0.44	19	1	8	0	0	1	0	0	0	6	1	1	1	Nov-21
United Kingdom	68 207 116	0.00	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	-	-	Sep-21
Region	935 010 911	0.11	103	10	11	5	8	5	11	3	11	9	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—November 2021 (data as of 18 January 2022)

Country	Total Population in 2021 ¹	2020 (as of 18 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	-	-	91%	91%	Oct-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	-	0	0	0	0	0	-	-	100%	91%	Nov-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	-	0	0	0	0	20	-	-	100%	73%	Nov-21	100%	0.7	-	95%
Austria	9 043 070	2.78	25	0	1	1	0	0	2	1	0	100%	91%	Nov-21	100%	0.0	100%	0%
Azerbaijan	10 223 342	0.20	2	0	2	0	0	2	65	0	0	100%	100%	Nov-21	97%	0.6	0%	97%
Belarus ⁷	9 442 862	0.00	0	-	3	3	0	0	205	0	0	100%	82%	Nov-21	100%	2.2	0%	0%
Belgium	11 632 326	5.18	60	0	13	3	0	10	-	-	0	100%	100%	Nov-21	-	-	-	-
Bosnia and Herzegovina	3 263 466	1.22	4	0	1	0	0	1	-	-	0	73%	0%	Aug-21	-	-	-	-
Bulgaria	6 896 663	35.26	245	2	0	0	0	0	-	-	-	100%	100%	Nov-21	-	-	-	-
Croatia	4 081 651	0.00	0	-	0	0	0	0	0	-	-	73%	55%	Aug-21	-	0.0	-	-
Cyprus	1 215 584	0.83	1	0	0	0	0	0	-	-	-	100%	100%	Nov-21	-	-	-	-
Czech Republic	10 724 555	0.37	4	0	0	0	0	0	-	-	-	100%	91%	Nov-21	-	-	-	-
Denmark	5 813 298	0.69	4	0	0	0	0	0	-	-	-	100%	100%	Nov-21	-	-	-	-
Estonia	1 325 185	0.00	0	-	0	0	0	0	13	-	-	91%	82%	Oct-21	100%	1.0	-	100%
Finland	5 548 360	0.90	5	0	3	3	0	0	-	1	0	91%	91%	Oct-21	100%	-	33%	0%
France	65 426 179	3.68	240	0	12	9	0	3	-	3	0	100%	82%	Nov-21	83%	-	100%	0%
Georgia	3 979 765	5.01	20	0	5	3	0	2	21	0	0	100%	100%	Nov-21	92%	0.5	80%	92%
Germany	83 900 473	0.87	73	0	7	5	0	2	-	0	0	100%	91%	Nov-21	71%	-	0	0%
Greece	10 370 744	0.19	2	0	0	0	0	0	0	-	-	91%	82%	Oct-21	-	0.0	-	-
Hungary	9 634 164	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Nov-21	-	0.0	-	-
Iceland	343 353	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Nov-21	-	-	-	-
Ireland	4 982 907	3.85	19	0	2	0	0	2	-	0	0	100%	82%	Nov-21	50%	-	50%	100%
Israel	8 789 774	0.69	6	0	0	0	0	0	-	-	-	91%	64%	Oct-21	-	-	-	-
Italy	60 367 477	1.74	105	0	8	4	0	4	10	1	0	100%	91%	Nov-21	72%	0.0	75%	0%
Kazakhstan	18 994 962	174.10	3269	5	2	2	0	0	-	-	0	100%	73%	Nov-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	109.59	715	1	3	3	0	0	60	0	0	100%	64%	Nov-21	52%	0.9	0	98%
Latvia	1 866 942	0.00	0	-	0	0	0	0	-	-	-	91%	82%	Oct-21	-	-	-	-
Lithuania	2 689 862	0.37	1	0	0	0	0	0	-	-	-	100%	91%	Nov-21	-	-	-	-
Luxembourg	634 814	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Nov-21	-	0.0	-	-
Malta	442 784	4.53	2	0	0	0	0	0	-	-	-	91%	82%	Oct-21	-	-	-	-
Monaco	39 520	0.00	0	-	0	0	0	0	0	-	-	91%	64%	Oct-21	-	0.0	-	-
Montenegro	628 053	0.00	0	-	0	0	0	0	0	-	-	100%	36%	Nov-21	-	0.0	-	-
Netherlands	17 173 099	0.12	2	0	0	0	0	0	-	-	-	100%	100%	Nov-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	-	0	0	0	0	-	-	-	100%	64%	Nov-21	-	-	-	-
Norway	5 465 630	0.74	4	0	0	0	0	0	-	-	-	100%	100%	Nov-21	-	-	-	-
Poland	37 797 005	0.79	30	0	15	8	0	7	-	-	0	100%	100%	Nov-21	-	-	-	-
Portugal	10 167 925	0.88	9	0	0	0	0	0	5	-	-	100%	100%	Nov-21	80%	0.0	-	80%
Republic of Moldova	4 024 019	4.21	17	0	0	0	0	0	58	-	-	100%	100%	Nov-21	100%	1.4	-	100%
Romania	19 127 774	50.73	976	0	1	1	0	0	-	0	0	91%	82%	Oct-21	100%	-	100%	100%
Russian Federation	145 912 025	7.54	1100	0	1	1	0	0	1751	0	0	100%	91%	Nov-21	100%	1.2	100%	17%
San Marino	34 010	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Sep-20	-	-	-	-
Serbia	8 697 550	0.00	0	-	1	1	0	0	-	-	0	100%	91%	Nov-21	-	-	-	-
Slovakia	5 460 721	0.00	0	-	0	0	0	0	0	-	-	91%	82%	Oct-21	-	0.0	-	-
Slovenia	2 078 724	2.89	6	0	0	0	0	0	-	-	-	100%	91%	Nov-21	-	-	-	-
Spain	46 745 216	1.99	93	0	2	2	0	0	19	1	0	100%	82%	Nov-21	90%	0.0	100%	67%
Sweden	10 160 169	0.50	5	0	0	0	0	0	-	-	-	100%	100%	Nov-21	-	-	-	-
Switzerland	8 715 494	3.93	34	0	0	0	0	0	61	-	-	100%	91%	Nov-21	100%	0.7	-	3%
Tajikistan	9 749 627	17.61	168	0	0	0	0	0	63	-	-	91%	82%	Nov-21	100%	0.6	-	100%
Turkey ⁷	85 042 738	7.15	603	2	40	37	1	2	653	0	0	100%	82%	Nov-21	100%	0.8	80%	96%
Turkmenistan ⁷	6 117 924	0.00	0	-	0	0	0	0	118	-	-	100%	100%	Nov-21	100%	1.9	-	100%
Ukraine	43 466 819	4.82	211	0	14	2	0	12	64	0	0	100%	100%	Nov-21	69%	0.1	93%	100%
United Kingdom	68 207 116	1.24	84	0	2	2	0	0	-	1	0	91%	91%	Oct-21	100%	-	100%	0%
Uzbekistan	33 935 763	121.10	4053	0	0	0	0	0	0	-	-	82%	27%	Sep-21	-	0.0	-	-
Region	935 010 911	13.08	12201	10	138	90	1	47	3190	8	0	95%	83%		98%	0.6	72%	45%

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—November 2021 (data as of 18 January 2022)

Country	Total Population in 2021 ¹	2020 (as of 18 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	-	91%	91%	Oct-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	0	0	0	0	0	-	100%	91%	Nov-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	0	0	0	0	0	-	100%	73%	Nov-21	-	0.0	-	-
Austria	9 043 070	0.11	1	0	0	0	0	-	-	100%	91%	Nov-21	-	-	-	-
Azerbaijan	10 223 342	0.30	3	2	1	0	1	15	0	100%	100%	Nov-21	94%	0.1	0%	100%
Belarus ⁷	9 442 862	0.11	1	0	0	0	0	205	-	100%	82%	Nov-21	100%	2.2	-	0%
Belgium ⁸	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.00	0	1	0	0	1	-	-	73%	0%	Aug-21	-	-	-	-
Bulgaria	6 896 663	0.00	0	1	0	0	1	-	0	100%	100%	Nov-21	0%	-	0%	100%
Croatia	4 081 651	0.00	0	0	0	0	0	-	-	73%	55%	Aug-21	-	-	-	-
Cyprus	1 215 584	0.83	1	0	0	0	0	-	-	100%	100%	Nov-21	-	-	-	-
Czech Republic	10 724 555	0.00	0	0	0	0	0	-	-	100%	91%	Nov-21	-	-	-	-
Denmark ⁸	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	4	-	91%	82%	Oct-21	100%	0.3	-	100%
Finland	5 548 360	0.00	0	2	2	0	0	-	0	91%	91%	Nov-21	100%	-	50%	0%
France ⁸	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	2	-	100%	100%	Nov-21	50%	0.1	-	100%
Germany	83 900 473	0.20	17	8	5	0	3	-	1	100%	82%	Nov-21	63%	-	13%	0%
Greece	10 370 744	0.00	0	0	0	0	0	-	-	91%	82%	Oct-21	-	-	-	-
Hungary	9 634 164	0.00	0	0	0	0	0	0	-	100%	100%	Nov-21	-	0.0	-	-
Iceland	343 353	0.00	0	0	0	0	0	-	-	100%	100%	Nov-21	-	-	-	-
Ireland	4 982 907	0.41	2	0	0	0	0	-	-	100%	82%	Nov-21	-	-	-	-
Israel	8 789 774	0.00	0	0	0	0	0	-	-	91%	64%	Oct-21	-	-	-	-
Italy	60 367 477	0.25	15	2	1	0	1	3	0	100%	91%	Nov-21	80%	0.0	0%	0%
Kazakhstan	18 994 962	0.05	1	0	0	0	0	-	-	100%	73%	Nov-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.00	0	1	1	0	0	60	0	100%	64%	Nov-21	49%	0.9	0%	97%
Latvia	1 866 942	0.00	0	0	0	0	0	-	-	91%	82%	Oct-21	-	-	-	-
Lithuania	2 689 862	0.00	0	0	0	0	0	-	-	100%	91%	Nov-21	-	-	-	-
Luxembourg	634 814	0.00	0	0	0	0	0	0	-	100%	100%	Nov-21	-	0.0	-	-
Malta	442 784	0.00	0	0	0	0	0	-	-	91%	82%	Oct-21	-	-	-	-
Monaco	39 520	0.00	0	0	0	0	0	0	-	91%	64%	Oct-21	-	0.0	-	-
Montenegro	628 053	-	-	0	0	0	0	0	-	100%	36%	Nov-21	-	0.0	-	-
Netherlands	17 173 099	0.00	0	0	0	0	0	-	-	100%	100%	Nov-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	0	0	0	0	-	-	100%	55%	Nov-21	-	-	-	-
Norway	5 465 630	0.18	1	0	0	0	0	-	-	100%	100%	Nov-21	-	-	-	-
Poland	37 797 005	2.54	96	46	2	0	44	-	-	100%	100%	Nov-21	-	-	-	-
Portugal	10 167 925	0.20	2	0	0	0	0	5	-	100%	100%	Nov-21	60%	0.0	-	60%
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	-	100%	100%	Nov-21	-	0.0	-	-
Romania	19 127 774	0.26	5	0	0	0	0	-	-	91%	82%	Oct-21	-	-	-	-
Russian Federation	145 912 025	0.02	3	0	0	0	0	0	-	100%	91%	Nov-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	-	91%	82%	Oct-21	-	0.0	-	-
Slovenia	2 078 724	0.00	0	0	0	0	0	-	-	100%	91%	Nov-21	-	-	-	-
Spain	46 745 216	0.00	0	0	0	0	0	3	-	100%	82%	Nov-21	100%	0.0	-	100%
Sweden	10 160 169	0.00	0	0	0	0	0	0	-	100%	100%	Nov-21	-	0.0	-	-
Switzerland	8 715 494	0.00	0	0	0	0	0	37	-	100%	91%	Nov-21	97%	0.4	-	11%
Tajikistan	9 749 627	0.00	0	0	0	0	0	12	-	91%	82%	Nov-21	100%	0.1	-	100%
Turkey ⁷	85 042 738	0.18	15	12	11	0	1	653	0	100%	82%	Nov-21	100%	0.8	100%	96%
Turkmenistan ⁷	6 117 924	0.00	0	0	0	0	0	118	-	100%	100%	Nov-21	100%	1.9	-	100%
Ukraine	43 466 819	0.62	27	18	3	0	15	44	0	100%	100%	Nov-21	73%	0.1	94%	100%
United Kingdom	68 207 116	0.00	0	0	0	0	0	-	-	91%	91%	Oct-21	-	-	-	-
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	-	82%	27%	Sep-21	-	0.0	-	-
Region	935 010 911	0.20	190	93	26	0	67	1163	1	87%	75%		98%	0.2	67%	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: 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—November 2021 (data as of 18 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%	55%	Nov-21
Andorra											No lab
Armenia	0	-	-	-	0	-	-	-	18%	9%	Feb-21
Austria	1062	2 (0)	B3	100%	4372	0 (0)	-	-	100%	91%	Nov-21
Azerbaijan	41	0 (0)	-	-	8	0 (0)	-	-	82%	73%	Nov-21
Belarus	-	-	B3	100%	-	-	-	-	-	-	No report
Belgium	-	-	B3	100%	-	-	-	-	-	-	No report
Bosnia and Herzegovina	6	0 (0)	-	-	5	0 (0)	-	-	9%	9%	Oct-21
Bulgaria	26	0 (0)	-	-	23	0 (0)	-	-	100%	91%	Nov-21
Croatia	0	-	-	-	0	-	-	-	36%	27%	Apr-21
Cyprus	50	0 (0)	-	-	63	0 (0)	-	-	100%	36%	Nov-21
Czech Republic	16	4 (25)	-	-	38	1 (3)	-	-	100%	100%	Nov-21
Denmark	296	3 (1)	-	-	28	2 (7)	-	-	100%	91%	Nov-21
Estonia	21	0 (0)	-	-	7	0 (0)	-	-	91%	73%	Oct-21
Finland	21	4 (19)	B3	100%	22	2 (9)	-	-	100%	82%	Nov-21
France	-	-	B3,D8	33%	-	-	-	-	-	-	No report
Georgia	24	4 (17)	-	-	22	5 (23)	-	-	82%	27%	Sep-21
Germany	84	7 (8)	B3	100%	47	4 (9)	1E	100%	100%	100%	Nov-21
Greece	-	-	-	-	-	-	-	-	-	-	No report
Hungary	52	0 (0)	-	-	60	0 (0)	-	-	100%	100%	Nov-21
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	78	0 (0)	-	-	630	0 (0)	-	-	27%	27%	Mar-21
Israel	167	8 (5)	-	-	1170	314 (27)	-	-	100%	64%	Nov-21
Italy	81	4 (5)	-	-	19	0 (0)	-	-	100%	100%	Nov-21
Kazakhstan	45	2 (4)	-	-	18	0 (0)	-	-	100%	91%	Nov-21
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	60	0 (0)	-	-	101	2 (2)	-	-	91%	91%	Nov-21
Lithuania	25	0 (0)	-	-	27	1 (4)	-	-	100%	91%	Nov-21
Luxembourg	10	0 (0)	-	-	0	-	-	-	100%	91%	Nov-21
Malta	31	1 (3)	-	-	720	1 (0)	-	-	100%	27%	Nov-21
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	16	1 (6)	-	-	16	0 (0)	-	-	55%	55%	Nov-21
North Macedonia	-	-	B3	0%	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	100%	91%	Nov-21
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	9	0 (0)	-	-	3	1 (33)	-	-	91%	82%	Nov-21
Republic of Moldova	64	0 (0)	-	-	64	1 (2)	-	-	100%	100%	Nov-21
Romania	28	0 (0)	-	-	31	1 (3)	-	-	100%	36%	Nov-21
Russian Federation	2099	23 (1)	-	-	2097	19 (1)	-	-	100%	100%	Nov-21
San Marino											No lab
Serbia	12	1 (8)	-	-	12	0 (0)	-	-	73%	73%	Oct-21
Slovakia	7	0 (0)	-	-	4	0 (0)	-	-	100%	91%	Nov-21
Slovenia	54	1 (2)	-	-	12	1 (8)	-	-	100%	100%	Nov-21
Spain	-	-	B3	100%	-	-	-	-	-	-	No report
Sweden	838	9 (1)	-	-	1852	17 (1)	-	-	100%	100%	Nov-21
Switzerland	57	2 (4)	-	-	4	4 (100)	-	-	100%	91%	Nov-21
Tajikistan	81	0 (0)	-	-	77	0 (0)	-	-	91%	91%	Nov-21
Turkey	1340	95 (7)	-	-	1192	101 (8)	-	-	100%	64%	Nov-21
Turkmenistan	119	0 (0)	-	-	119	0 (0)	-	-	100%	100%	Nov-21
Ukraine	64	0 (0)	-	-	64	0 (0)	-	-	100%	91%	Nov-21
United Kingdom	942	29 (3)	B3	100%	587	0 (0)	-	-	100%	82%	Nov-21
Uzbekistan	-	-	-	-	-	-	-	-	-	-	No report
Region	7928	200 (3)	-	70%	13514	477 (4)	-	100%	65%	55%	

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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