

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

Country	Total Population in 2021 ¹	Incidence Rate October 2020–September 2021 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	
Albania	2 872 933	0.35	1	0	0	1	0	0	0	0	0	0	0	0	0	Sep-21
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Azerbaijan	10 223 342	0.10	1	0	0	0	0	0	0	0	0	0	0	0	1	Sep-21
Belarus	9 442 862	0.32	3	0	0	0	0	0	0	1	2	0	0	0	0	Sep-21
Belgium	11 632 326	1.46	17	3	2	1	0	0	5	0	0	3	3	0	0	Sep-21
Bosnia and Herzegovina	3 263 466	0.00	0	0	0	0	0	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	Sep-21
Croatia	4 081 651	0.00	0	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	Sep-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Denmark	5 813 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Estonia	1 325 185	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Finland	5 548 360	0.54	3	0	0	0	0	0	0	0	0	0	0	2	1	Sep-21
France	65 426 179	0.17	11	0	0	3	2	2	1	0	1	0	2	0	0	Sep-21
Georgia	3 979 765	1.26	5	0	1	2	0	0	0	0	0	0	1	0	1	Sep-21
Germany	83 900 473	0.06	5	1	0	0	1	1	0	1	1	0	0	0	0	Sep-21
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Ireland	4 982 907	1.00	5	2	1	0	1	0	0	0	0	0	0	1	0	Sep-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Aug-21
Italy	60 367 477	0.10	6	0	0	0	0	0	0	0	1	1	1	2	1	Sep-21
Kazakhstan	18 994 962	0.16	3	0	1	0	1	0	0	0	0	1	0	0	0	Sep-21
Kyrgyzstan	6 628 356	0.91	6	0	0	2	0	0	2	2	0	0	0	0	0	Sep-21
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Monaco	39 520	0.00	0	0	-	0	0	0	0	0	0	0	0	0	0	Sep-21
Montenegro	628 053	0.00	0	-	-	-	0	0	0	0	0	0	0	0	0	Sep-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Poland	37 797 005	0.42	16	1	0	0	0	0	5	1	4	1	0	3	1	Sep-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Romania	19 127 774	0.05	1	0	0	0	0	0	0	1	0	0	0	0	0	Sep-21
Russian Federation	145 912 025	0.01	1	0	0	0	0	0	0	0	1	0	0	0	0	Sep-21
San Marino	34 010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Sep-20
Serbia	8 697 550	0.11	1	0	0	0	1	0	0	0	0	0	0	0	0	Sep-21
Slovakia	5 460 721	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Spain	46 745 216	0.02	1	0	0	0	0	0	0	0	0	0	0	0	1	Sep-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Turkey	85 042 738	0.41	35	4	3	0	4	0	2	0	7	2	6	0	7	Sep-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Ukraine	43 466 819	0.46	20	4	3	0	0	4	3	0	0	0	3	1	2	Sep-21
United Kingdom	68 207 116	0.03	2	0	0	0	0	0	1	1	0	0	0	0	0	Sep-21
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Region	935 010 911	0.15	143	15	11	9	10	7	19	7	17	8	16	9	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 October 2020—September 2021 (data as of 02 November 2021)

Country	Total Population in 2021 ¹	Incidence Rate October 2020-September 2021 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	
Albania	2 872 933	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Andorra	77 354	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Armenia	2 968 127	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Austria	9 043 070	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Azerbaijan	10 223 342	0.29	3	0	0	0	0	0	0	0	0	0	0	0	3	Sep-21
Belarus	9 442 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
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	-	Aug-21
Bulgaria	6 896 663	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Croatia	4 081 651	0.00	0	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	Sep-21
Czech Republic	10 724 555	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-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	Sep-21
Finland	5 548 360	0.18	1	0	0	0	0	0	0	0	0	1	0	0	0	Sep-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	Sep-21
Germany	83 900 473	0.08	7	0	1	0	1	1	1	0	3	0	0	0	0	Sep-21
Greece	10 370 744	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Hungary	9 634 164	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Iceland	343 353	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Ireland	4 982 907	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Israel	8 789 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Aug-21
Italy	60 367 477	0.05	3	0	0	2	0	0	0	0	0	0	0	0	1	Sep-21
Kazakhstan	18 994 962	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Kyrgyzstan	6 628 356	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Latvia	1 866 942	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Lithuania	2 689 862	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Luxembourg	634 814	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Malta	442 784	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Monaco	39 520	0.00	0	0	-	0	0	0	0	0	0	0	0	0	0	Sep-21
Montenegro	628 053	0.00	0	-	-	-	0	0	0	0	0	0	0	0	0	Sep-21
Netherlands	17 173 099	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
North Macedonia	2 082 658	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Norway	5 465 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Poland	37 797 005	1.24	47	2	3	5	2	4	4	3	9	2	8	1	4	Sep-21
Portugal	10 167 925	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Romania	19 127 774	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Russian Federation	145 912 025	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-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	Sep-21
Slovenia	2 078 724	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Spain	46 745 216	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Sweden	10 160 169	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Switzerland	8 715 494	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Tajikistan	9 749 627	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Turkey	85 042 738	0.14	12	1	0	2	0	0	2	0	0	0	3	2	2	Sep-21
Turkmenistan	6 117 924	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Ukraine	43 466 819	0.39	17	0	0	1	8	0	0	1	0	0	0	6	1	Sep-21
United Kingdom	68 207 116	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Sep-21
Region	935 010 911	0.10	90	3	4	10	11	5	7	4	12	3	11	9	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—September 2021 (data as of 02 November 2021)

Country	Total Population in 2021 ¹	2020 (as of 02 November 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%	Sep-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	-	0	0	0	0	0	-	-	100%	89%	Sep-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	-	0	0	0	0	17	-	-	100%	78%	Sep-21	100%	0.6	-	94%
Austria	9 043 070	2.78	25	0	0	0	0	0	0	-	-	100%	89%	Sep-21	-	0.0	-	-
Azerbaijan	10 223 342	0.20	2	0	1	0	0	1	64	0	0	100%	100%	Sep-21	98%	0.6	0%	98%
Belarus ⁷	9 442 862	0.00	0	-	3	3	0	0	179	0	0	100%	78%	Sep-21	99%	1.9	0%	0%
Belgium	11 632 326	5.18	60	0	11	3	0	8	-	-	0	100%	100%	Sep-21	-	-	-	-
Bosnia and Herzegovina	3 263 466	1.22	4	0	0	0	0	0	-	-	-	89%	0%	Aug-21	-	-	-	-
Bulgaria	6 896 663	35.26	245	2	0	0	0	0	-	-	-	100%	100%	Sep-21	-	-	-	-
Croatia	4 081 651	0.00	0	-	0	0	0	0	0	-	-	89%	67%	Aug-21	-	0.0	-	-
Cyprus	1 215 584	0.83	1	0	0	0	0	0	-	-	-	100%	100%	Sep-21	-	-	-	-
Czech Republic	10 724 555	0.37	4	0	0	0	0	0	-	-	-	100%	89%	Sep-21	-	-	-	-
Denmark	5 813 298	0.69	4	0	0	0	0	0	0	-	-	100%	100%	Sep-21	-	-	-	-
Estonia	1 325 185	0.00	0	-	0	0	0	0	10	-	-	100%	89%	Sep-21	100%	0.8	-	100%
Finland	5 548 360	0.90	5	0	3	3	0	0	-	1	0	100%	100%	Sep-21	100%	-	33%	0%
France	65 426 179	3.68	240	0	8	6	0	2	-	1	0	100%	78%	Sep-21	75%	-	100%	0%
Georgia	3 979 765	5.01	20	0	2	1	0	1	19	0	0	100%	100%	Sep-21	90%	0.5	100%	95%
Germany	83 900 473	0.87	73	0	4	3	0	1	-	0	0	100%	89%	Sep-21	75%	-	0	0%
Greece	10 370 744	0.19	2	0	0	0	0	0	0	-	-	100%	89%	Sep-21	-	0.0	-	-
Hungary	9 634 164	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Sep-21	-	0.0	-	-
Iceland	343 353	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Sep-21	-	-	-	-
Ireland	4 982 907	3.85	19	0	2	0	0	2	-	0	0	100%	78%	Sep-21	50%	-	50%	100%
Israel	8 789 774	0.69	6	0	0	0	0	0	-	-	-	89%	67%	Aug-21	-	-	-	-
Italy	60 367 477	1.75	106	0	6	4	0	2	8	0	0	100%	89%	Sep-21	79%	0.0	50%	0%
Kazakhstan	18 994 962	174.10	3269	5	2	2	0	0	-	-	0	100%	78%	Sep-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	109.44	714	1	4	1	0	3	0	0	0	100%	56%	Sep-21	25%	0.0	100%	100%
Latvia	1 866 942	0.00	0	-	0	0	0	0	-	-	-	100%	89%	Sep-21	-	-	-	-
Lithuania	2 689 862	0.37	1	0	0	0	0	0	-	-	-	100%	89%	Sep-21	-	-	-	-
Luxembourg	634 814	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Sep-21	-	0.0	-	-
Malta	442 784	4.53	2	0	0	0	0	0	-	-	-	100%	89%	Sep-21	-	-	-	-
Monaco	39 520	0.00	0	-	0	0	0	0	0	-	-	100%	67%	Sep-21	-	0.0	-	-
Montenegro	628 053	0.00	0	-	0	0	0	0	0	-	-	100%	22%	Sep-21	-	0.0	-	-
Netherlands	17 173 099	0.12	2	0	0	0	0	0	-	-	-	100%	100%	Sep-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	-	0	0	0	0	-	-	-	100%	56%	Sep-21	-	-	-	-
Norway	5 465 630	0.74	4	0	0	0	0	0	-	-	-	100%	100%	Sep-21	-	-	-	-
Poland	37 797 005	0.79	30	0	15	8	0	7	-	-	0	100%	100%	Sep-21	-	-	-	-
Portugal	10 167 925	0.88	9	0	0	0	0	0	1	-	-	100%	100%	Sep-21	100%	0.0	-	100%
Republic of Moldova	4 024 019	4.21	17	0	0	0	0	0	55	-	-	100%	100%	Sep-21	100%	1.4	-	100%
Romania	19 127 774	50.73	976	0	1	1	0	0	-	0	0	100%	89%	Sep-21	100%	-	100%	100%
Russian Federation	145 912 025	7.54	1100	0	1	1	0	0	1358	0	0	100%	89%	Sep-21	100%	0.9	100%	13%
San Marino	34 010	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Sep-20	-	-	-	-
Serbia	8 697 550	0.00	0	-	1	1	0	0	-	-	0	100%	89%	Sep-21	-	-	-	-
Slovakia	5 460 721	0.00	0	-	0	0	0	0	0	-	-	100%	89%	Sep-21	-	0.0	-	-
Slovenia	2 078 724	2.89	6	0	0	0	0	0	-	-	-	100%	89%	Sep-21	-	-	-	-
Spain	46 745 216	1.99	93	0	1	1	0	0	11	1	0	100%	78%	Sep-21	100%	0.0	100%	100%
Sweden	10 160 169	0.50	5	0	0	0	0	0	-	-	-	100%	100%	Sep-21	-	-	-	-
Switzerland	8 715 494	3.93	34	0	0	0	0	0	48	-	-	100%	89%	Sep-21	100%	0.6	-	4%
Tajikistan	9 749 627	17.61	168	0	0	0	0	0	50	-	-	100%	89%	Sep-21	100%	0.5	-	100%
Turkey ⁷	85 042 738	7.15	603	2	28	25	1	2	478	0	0	100%	78%	Sep-21	100%	0.6	71%	96%
Turkmenistan ⁷	6 117 924	0.00	0	-	0	0	0	0	70	-	-	100%	100%	Sep-21	100%	1.1	-	100%
Ukraine	43 466 819	4.82	211	0	13	2	0	11	60	0	0	100%	100%	Sep-21	70%	0.1	92%	100%
United Kingdom	68 207 116	1.24	84	0	2	2	0	0	-	1	0	100%	100%	Sep-21	100%	-	100%	0%
Uzbekistan	33 935 763	121.10	4053	0	0	0	0	0	0	-	-	100%	33%	Sep-21	-	0.0	-	-
Region	935 010 911	13.08	12201	10	108	67	1	40	2430	4	0	97%	83%		99%	0.5	71%	41%

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—September 2021 (data as of 02 November 2021)

Country	Total Population in 2021 ¹	2020 (as of 02 November 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%	Sep-21	100%	0.1	-	100%
Andorra	77 354	0.00	0	0	0	0	0	0	-	100%	89%	Sep-21	-	0.0	-	-
Armenia	2 968 127	0.00	0	0	0	0	0	0	-	100%	78%	Sep-21	-	0.0	-	-
Austria	9 043 070	0.11	1	0	0	0	0	-	-	100%	89%	Sep-21	-	-	-	-
Azerbaijan	10 223 342	0.30	3	3	1	0	2	13	0	100%	100%	Sep-21	100%	0.1	0%	88%
Belarus ⁷	9 442 862	0.11	1	0	0	0	0	179	-	100%	78%	Sep-21	99%	1.9	-	0%
Belgium ⁸	11 632 326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 263 466	0.00	0	0	0	0	0	-	-	89%	0%	Aug-21	-	-	-	-
Bulgaria	6 896 663	0.00	0	0	0	0	0	-	-	100%	100%	Sep-21	-	-	-	-
Croatia	4 081 651	0.00	0	0	0	0	0	-	-	89%	67%	Aug-21	-	-	-	-
Cyprus	1 215 584	0.83	1	0	0	0	0	-	-	100%	100%	Sep-21	-	-	-	-
Czech Republic	10 724 555	0.00	0	0	0	0	0	-	-	100%	89%	Sep-21	-	-	-	-
Denmark ⁸	5 813 298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 325 185	0.00	0	0	0	0	0	4	-	100%	89%	Sep-21	100%	0.3	-	100%
Finland	5 548 360	0.00	0	1	1	0	0	-	0	100%	100%	Sep-21	100%	-	100%	0%
France ⁸	65 426 179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 979 765	0.00	0	0	0	0	0	2	-	100%	100%	Sep-21	50%	0.1	-	100%
Germany	83 900 473	0.20	17	6	3	0	3	-	0	100%	78%	Sep-21	50%	-	0%	0%
Greece	10 370 744	0.00	0	0	0	0	0	-	-	100%	89%	Sep-21	-	-	-	-
Hungary	9 634 164	0.00	0	0	0	0	0	0	-	100%	100%	Sep-21	-	0.0	-	-
Iceland	343 353	0.00	0	0	0	0	0	-	-	100%	100%	Sep-21	-	-	-	-
Ireland	4 982 907	0.41	2	0	0	0	0	-	-	100%	78%	Sep-21	-	-	-	-
Israel	8 789 774	0.00	0	0	0	0	0	-	-	89%	67%	Aug-21	-	-	-	-
Italy	60 367 477	0.25	15	1	0	0	1	1	0	100%	89%	Sep-21	50%	0.0	0%	0%
Kazakhstan	18 994 962	0.05	1	0	0	0	0	-	-	100%	78%	Sep-21	-	-	-	-
Kyrgyzstan ⁷	6 628 356	0.00	0	0	0	0	0	0	-	100%	56%	Sep-21	-	0.0	-	-
Latvia	1 866 942	0.00	0	0	0	0	0	-	-	100%	89%	Sep-21	-	-	-	-
Lithuania	2 689 862	0.00	0	0	0	0	0	-	-	100%	89%	Sep-21	-	-	-	-
Luxembourg	634 814	0.00	0	0	0	0	0	0	-	100%	100%	Sep-21	-	0.0	-	-
Malta	442 784	0.00	0	0	0	0	0	-	-	100%	89%	Sep-21	-	-	-	-
Monaco	39 520	0.00	0	0	0	0	0	0	-	100%	67%	Sep-21	-	0.0	-	-
Montenegro	628 053	-	-	0	0	0	0	0	-	100%	22%	Sep-21	-	0.0	-	-
Netherlands	17 173 099	0.00	0	0	0	0	0	-	-	100%	100%	Sep-21	-	-	-	-
North Macedonia	2 082 658	0.00	0	0	0	0	0	-	-	100%	56%	Sep-21	-	-	-	-
Norway	5 465 630	0.18	1	0	0	0	0	-	-	100%	100%	Sep-21	-	-	-	-
Poland	37 797 005	2.54	96	37	1	0	36	-	-	100%	100%	Sep-21	-	-	-	-
Portugal	10 167 925	0.20	2	0	0	0	0	3	-	100%	100%	Sep-21	67%	0.0	-	67%
Republic of Moldova	4 024 019	0.00	0	0	0	0	0	0	-	100%	100%	Sep-21	-	0.0	-	-
Romania	19 127 774	0.26	5	0	0	0	0	-	-	100%	89%	Sep-21	-	-	-	-
Russian Federation	145 912 025	0.02	3	0	0	0	0	0	-	100%	89%	Sep-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%	89%	Sep-21	-	0.0	-	-
Slovenia	2 078 724	0.00	0	0	0	0	0	-	-	100%	89%	Sep-21	-	-	-	-
Spain	46 745 216	0.00	0	0	0	0	0	3	-	100%	78%	Sep-21	100%	0.0	-	100%
Sweden	10 160 169	0.00	0	0	0	0	0	0	-	100%	100%	Sep-21	-	0.0	-	-
Switzerland	8 715 494	0.00	0	0	0	0	0	31	-	100%	89%	Sep-21	97%	0.4	-	10%
Tajikistan	9 749 627	0.00	0	0	0	0	0	11	-	100%	89%	Sep-21	100%	0.1	-	100%
Turkey ⁷	85 042 738	0.18	15	9	8	0	1	478	0	100%	78%	Sep-21	100%	0.6	100%	95%
Turkmenistan ⁷	6 117 924	0.00	0	0	0	0	0	70	-	100%	100%	Sep-21	100%	1.1	-	100%
Ukraine	43 466 819	0.62	27	16	2	0	14	43	0	100%	100%	Sep-21	73%	0.1	94%	100%
United Kingdom	68 207 116	0.00	0	0	0	0	0	-	-	100%	100%	Sep-21	-	-	-	-
Uzbekistan	33 935 763	0.00	0	0	0	0	0	0	-	100%	33%	Sep-21	-	0.0	-	-
Region	935 010 911	0.20	190	73	16	0	57	840	0	90%	76%		97%	0.2	69%	72%

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—September 2021 (data as of 02 November 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	-	-	-	78%	44%	Jul-21
Andorra											No lab
Armenia	0	-	-	-	0	-	-	-	22%	11%	Feb-21
Austria	872	0 (0)	-	-	3598	0 (0)	-	-	100%	89%	Sep-21
Azerbaijan	40	0 (0)	-	-	8	0 (0)	-	-	78%	67%	Aug-21
Belarus	-	-	B3	100%	-	-	-	-	-	-	No report
Belgium	-	-	-	-	-	-	-	-	-	-	No report
Bosnia and Herzegovina	-	-	-	-	-	-	-	-	-	-	No report
Bulgaria	22	0 (0)	-	-	19	0 (0)	-	-	100%	89%	Sep-21
Croatia	0	-	-	-	0	-	-	-	44%	33%	Apr-21
Cyprus	22	0 (0)	-	-	36	0 (0)	-	-	89%	33%	Aug-21
Czech Republic	13	2 (15)	-	-	29	1 (3)	-	-	100%	100%	Sep-21
Denmark	235	3 (1)	-	-	19	2 (11)	-	-	100%	89%	Sep-21
Estonia	19	0 (0)	-	-	7	0 (0)	-	-	100%	78%	Sep-21
Finland	18	4 (22)	B3	100%	19	2 (11)	-	-	100%	78%	Sep-21
France	-	-	B3,D8	33%	-	-	-	-	-	-	No report
Georgia	24	4 (17)	-	-	22	5 (23)	-	-	100%	33%	Sep-21
Germany	67	3 (4)	B3	100%	39	4 (10)	-	-	100%	100%	Sep-21
Greece	-	-	-	-	-	-	-	-	-	-	No report
Hungary	47	0 (0)	-	-	54	0 (0)	-	-	100%	100%	Sep-21
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	78	0 (0)	-	-	630	0 (0)	-	-	33%	33%	Mar-21
Israel	141	8 (6)	-	-	897	202 (23)	-	-	89%	56%	Aug-21
Italy	56	4 (7)	-	-	18	0 (0)	-	-	100%	100%	Sep-21
Kazakhstan	38	2 (5)	-	-	13	0 (0)	-	-	100%	89%	Sep-21
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	53	0 (0)	-	-	97	2 (2)	-	-	89%	89%	Sep-21
Lithuania	23	0 (0)	-	-	25	1 (4)	-	-	100%	89%	Sep-21
Luxembourg	8	0 (0)	-	-	0	-	-	-	100%	89%	Sep-21
Malta	11	1 (9)	-	-	169	1 (1)	-	-	33%	33%	Jul-21
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	10	1 (10)	-	-	10	0 (0)	-	-	44%	44%	Sep-21
North Macedonia	-	-	B3	0%	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	100%	89%	Sep-21
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	0	-	-	-	3	1 (33)	-	-	89%	89%	Sep-21
Republic of Moldova	57	0 (0)	-	-	57	0 (0)	-	-	100%	100%	Sep-21
Romania	22	0 (0)	-	-	23	0 (0)	-	-	89%	33%	Aug-21
Russian Federation	1601	18 (1)	-	-	1598	13 (1)	-	-	100%	100%	Sep-21
San Marino											No lab
Serbia	11	1 (9)	-	-	11	0 (0)	-	-	78%	78%	Sep-21
Slovakia	6	0 (0)	-	-	4	0 (0)	-	-	89%	89%	Aug-21
Slovenia	42	1 (2)	-	-	12	1 (8)	-	-	100%	100%	Sep-21
Spain	-	-	B3	100%	-	-	-	-	-	-	No report
Sweden	687	9 (1)	-	-	1488	14 (1)	-	-	100%	100%	Sep-21
Switzerland	43	2 (5)	-	-	13	13 (100)	-	-	100%	89%	Sep-21
Tajikistan	5	0 (0)	-	-	5	0 (0)	-	-	11%	11%	Jan-21
Turkey	1028	58 (6)	-	-	913	78 (9)	-	-	100%	78%	Sep-21
Turkmenistan	68	0 (0)	-	-	68	0 (0)	-	-	89%	89%	Sep-21
Ukraine	62	0 (0)	-	-	62	0 (0)	-	-	100%	89%	Sep-21
United Kingdom	633	25 (4)	B3	100%	415	0 (0)	-	-	100%	78%	Sep-21
Uzbekistan	-	-	-	-	-	-	-	-	-	-	No report
Region	6064	146 (2)	-	67%	10381	340 (3)	-	-	61%	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: <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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