

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 August 2021—July 2022 (data as of 30 August 2022)

Country	Total Population in 2022 ¹	Incidence Rate August 2021–July 2022 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	
Albania	2 842 321	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Andorra	79 824	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Armenia	2 780 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Austria	8 939 617	0.22	2	0	0	0	1	0	0	0	0	0	1	0	0	Jul-22
Azerbaijan	10 358 074	0.29	3	0	0	2	0	0	0	0	0	0	1	0	0	Jul-22
Belarus	9 534 955	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Belgium	11 655 930	1.46	17	0	0	0	1	3	0	0	1	1	4	5	2	Jul-22
Bosnia and Herzegovina	3 233 527	1.24	4	0	0	0	0	1	0	1	1	0	0	0	1	Jul-22
Bulgaria	6 781 953	0.15	1	0	0	0	0	0	0	0	0	1	0	0	0	Jul-22
Croatia	4 030 358	0.00	0	0	0	0	0	0	0	0	0	-	-	-	-	Mar-22
Cyprus	1 251 489	0.80	1	0	0	0	0	1	0	0	0	0	0	0	0	Jul-22
Czech Republic	10 493 986	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Denmark	5 882 262	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Estonia	1 326 062	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Finland	5 540 746	0.54	3	2	1	0	0	0	0	0	0	0	0	0	0	Jul-22
France	64 626 628	0.32	21	2	0	3	0	3	0	1	0	7	1	0	4	Jul-22
Georgia	3 744 386	3.47	13	0	1	1	2	0	1	1	0	1	1	3	2	Jul-22
Germany	83 369 843	0.18	15	0	0	2	0	1	2	3	1	1	2	2	1	Jul-22
Greece	10 384 971	0.10	1	0	0	0	0	0	0	0	0	1	0	0	0	Jul-22
Hungary	9 967 308	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Iceland	372 899	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Ireland	5 023 109	1.19	6	0	0	0	0	0	0	0	0	3	0	2	1	Jul-22
Israel	9 038 309	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Italy	59 037 474	0.20	12	2	1	1	1	1	1	1	2	0	1	0	1	Jul-22
Kazakhstan	19 397 998	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Kyrgyzstan	6 630 623	1.51	10	0	0	0	0	1	1	0	7	1	0	0	0	Jul-22
Latvia	1 850 651	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Lithuania	2 750 055	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Luxembourg	647 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Malta	533 286	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Monaco	36 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Montenegro	627 083	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Netherlands	17 564 014	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
North Macedonia	2 093 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Norway	5 434 319	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Poland	39 857 146	0.55	22	3	0	1	1	0	2	2	3	4	3	2	1	Jul-22
Portugal	10 270 865	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-22
Republic of Moldova	3 272 996	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Romania	19 659 267	0.31	6	0	0	0	0	1	0	1	2	0	1	1	0	Jul-22
Russian Federation	144 713 314	0.12	18	0	0	0	0	0	4	0	3	5	2	4	0	Jul-22
San Marino	33 661	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Serbia	7 221 366	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Slovakia	5 643 453	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Slovenia	2 119 844	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Spain	47 558 630	0.04	2	0	1	1	0	0	0	0	0	0	0	0	-	Jun-22
Sweden	10 549 347	0.38	4	0	0	0	0	0	0	0	0	0	1	3	0	Jul-22
Switzerland	8 740 472	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Tajikistan	9 952 787	28.43	283	0	0	0	0	10	17	22	49	46	40	49	50	Jul-22
Türkiye	85 341 241	0.97	83	0	8	5	7	10	2	1	9	11	7	11	12	Jul-22
Turkmenistan	6 430 771	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Ukraine	39 701 739	0.28	11	1	2	0	2	1	1	1	1	0	0	2	0	Jul-22
United Kingdom	67 508 936	0.55	37	0	0	0	0	0	1	0	0	0	3	21	12	Jul-22
Uzbekistan	34 627 653	0.00	0	0	0	0	0	0	-	-	-	-	-	-	-	Dec-21
Region	931 065 684	0.62	575	10	14	16	15	33	32	34	79	82	68	105	87	

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 2022 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 August 2021—July 2022 (data as of 30 August 2022)

Country	Total Population in 2022 ¹	Incidence Rate August 2021-July 2022 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	
Albania	2 842 321	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Andorra	79 824	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Armenia	2 780 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Austria	8 939 617	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Azerbaijan	10 358 074	0.48	5	0	2	0	0	0	0	0	0	2	0	0	1	Jul-22
Belarus	9 534 955	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Belgium ²	11 655 930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 233 527	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Bulgaria	6 781 953	0.15	1	0	0	0	1	0	0	0	0	0	0	0	0	Jul-22
Croatia	4 030 358	0.00	0	0	0	0	0	0	0	0	0	-	-	-	-	Mar-22
Cyprus	1 251 489	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Czech Republic	10 493 986	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Denmark ²	5 882 262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 326 062	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Finland	5 540 746	0.18	1	0	0	0	0	0	0	0	0	1	0	0	0	Jul-22
France ²	64 626 628	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 744 386	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Germany	83 369 843	0.08	7	0	0	2	0	0	2	0	0	0	0	2	1	Jul-22
Greece	10 384 971	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Hungary	9 967 308	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Iceland	372 899	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Ireland	5 023 109	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Israel	9 038 309	0.11	1	0	0	0	0	1	0	0	0	0	0	0	0	Jul-22
Italy	59 037 474	0.03	2	0	0	0	0	0	0	1	0	0	0	0	1	Jul-22
Kazakhstan	19 397 998	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Kyrgyzstan	6 630 623	0.15	1	0	0	0	0	0	0	0	0	0	0	1	0	Jul-22
Latvia	1 850 651	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Lithuania	2 750 055	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Luxembourg	647 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Malta	533 286	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Monaco	36 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Montenegro	627 083	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Netherlands	17 564 014	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
North Macedonia	2 093 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Norway	5 434 319	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Poland	39 857 146	2.28	91	1	4	6	4	4	8	3	14	15	8	13	11	Jul-22
Portugal	10 270 865	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-22
Republic of Moldova	3 272 996	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Romania	19 659 267	0.05	1	0	0	1	0	0	0	0	0	0	0	0	0	Jul-22
Russian Federation	144 713 314	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
San Marino	33 661	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Serbia	7 221 366	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No report
Slovakia	5 643 453	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Slovenia	2 119 844	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Spain	47 558 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-22
Sweden	10 549 347	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Switzerland	8 740 472	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Tajikistan	9 952 787	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Türkiye	85 341 241	0.42	36	2	2	2	1	3	0	3	7	3	2	6	5	Jul-22
Turkmenistan	6 430 771	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Ukraine	39 701 739	0.40	16	6	1	1	1	1	3	0	0	0	1	2	0	Jul-22
United Kingdom	67 508 936	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-22
Uzbekistan	34 627 653	0.00	0	0	0	0	0	0	-	-	-	-	-	-	-	Dec-21
Region	931 065 684	0.17	162	9	9	12	7	9	13	7	21	21	11	24	19	

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 2022 Revision.

² Country does not have a comprehensive rubella surveillance system.

Table 3: Measles classification, reporting and surveillance performance, January—July 2022 (data as of 30 August 2022)

Country	Total Population in 2022 ¹	2021 (as of 30 August 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	2 842 321	0.00	0	-	0	0	0	0	1	-	-	100%	100%	Jul-22	100%	0.0	-	100%
Andorra	79 824	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jul-22	-	0.0	-	-
Armenia	2 780 469	0.00	0	-	0	0	0	0	10	-	-	100%	71%	Jul-22	100%	0.4	-	100%
Austria	8 939 617	0.11	1	0	1	1	0	0	4	0	0	100%	100%	Jul-22	40%	0.0	100%	0%
Azerbaijan	10 358 074	0.19	2	0	1	1	0	0	115	0	0	100%	100%	Jul-22	100%	1.1	100%	99%
Belarus ⁷	9 534 955	0.31	3	0	0	0	0	0	160	-	-	100%	86%	Jul-22	100%	1.7	-	0%
Belgium	11 655 930	0.60	7	0	13	3	4	6	-	-	0	100%	86%	Jul-22	-	-	-	-
Bosnia and Herzegovina	3 233 527	0.61	2	0	3	0	0	3	-	-	0	100%	43%	Jul-22	-	-	-	-
Bulgaria	6 781 953	0.00	0	-	1	1	0	0	-	0	0	100%	100%	Jul-22	100%	-	100%	100%
Croatia	4 030 358	0.00	0	-	0	0	0	0	0	-	-	43%	14%	Mar-22	-	0.0	-	-
Cyprus	1 251 489	0.80	1	0	0	0	0	0	-	-	-	100%	86%	Jul-22	-	-	-	-
Czech Republic	10 493 986	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jul-22	-	-	-	-
Denmark	5 882 262	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jul-22	-	-	-	-
Estonia	1 326 062	0.00	0	-	0	0	0	0	81	-	-	100%	100%	Jul-22	100%	6.1	-	98%
Finland	5 540 746	0.54	3	0	0	0	0	0	-	-	-	100%	100%	Jul-22	-	-	-	-
France	64 626 628	0.25	16	0	13	9	0	4	-	3	0	100%	71%	Jul-22	85%	-	85%	0%
Georgia	3 744 386	1.33	5	0	9	5	0	4	22	0	0	100%	100%	Jul-22	97%	0.6	100%	90%
Germany	83 369 843	0.08	7	0	12	9	0	3	-	4	0	100%	100%	Jul-22	75%	-	75%	0%
Greece	10 384 971	0.00	0	-	1	0	0	1	0	0	0	100%	86%	Jul-22	0%	0.0	100%	0%
Hungary	9 967 308	0.00	0	-	0	0	0	0	0	-	-	100%	86%	Jul-22	-	0.0	-	-
Iceland	372 899	0.00	0	-	0	0	0	0	-	-	-	100%	86%	Jul-22	-	-	-	-
Ireland	5 023 109	0.00	0	-	6	1	0	5	-	0	0	100%	100%	Jul-22	50%	-	17%	50%
Israel	9 038 309	0.00	0	-	0	0	0	0	-	-	-	100%	86%	Jul-22	-	-	-	-
Italy	59 037 474	0.15	9	0	6	4	1	1	8	1	0	100%	100%	Jul-22	92%	0.0	67%	0%
Kazakhstan	19 397 998	0.10	2	0	0	0	0	0	-	-	-	100%	86%	Jul-22	-	-	-	-
Kyrgyzstan ⁷	6 630 623	0.61	4	0	9	0	0	9	37	0	0	100%	100%	Jul-22	80%	0.6	0	74%
Latvia	1 850 651	0.00	0	-	0	0	0	0	-	-	-	100%	29%	Jul-22	-	-	-	-
Lithuania	2 750 055	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jul-22	-	-	-	-
Luxembourg	647 599	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jul-22	-	0.0	-	-
Malta	533 286	0.00	0	-	0	0	0	0	-	-	-	100%	43%	Jul-22	-	-	-	-
Monaco	36 469	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jul-22	-	0.0	-	-
Montenegro	627 083	0.00	0	-	0	0	0	0	5	-	-	100%	100%	Jul-22	100%	0.8	-	20%
Netherlands	17 564 014	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jul-22	-	-	-	-
North Macedonia	2 093 599	0.00	0	-	0	0	0	0	-	-	-	100%	71%	Jul-22	-	-	-	-
Norway	5 434 319	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jul-22	-	-	-	-
Poland	39 857 146	0.37	14	0	17	4	0	13	-	-	0	100%	100%	Jul-22	-	-	-	-
Portugal	10 270 865	0.00	0	-	0	0	0	0	4	-	-	86%	43%	Jun-22	75%	0.0	-	0%
Republic of Moldova	3 272 996	0.00	0	-	0	0	0	0	29	-	-	100%	100%	Jul-22	100%	0.9	-	100%
Romania	19 659 267	0.05	1	0	5	5	0	0	-	0	0	100%	86%	Jul-22	100%	-	100%	80%
Russian Federation	144 713 314	0.01	1	0	18	17	1	0	1126	9	0	100%	100%	Jul-22	100%	0.8	100%	31%
San Marino	33 661	0.00	0	-	0	0	0	0	0	-	-	100%	86%	Jul-22	-	0.0	-	-
Serbia	7 221 366	0.14	1	0	0	0	0	0	-	-	-	100%	100%	Jul-22	-	-	-	-
Slovakia	5 643 453	0.00	0	-	0	0	0	0	2	-	-	100%	100%	Jul-22	100%	0.0	-	100%
Slovenia	2 119 844	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jul-22	-	-	-	-
Spain	47 558 630	0.04	2	0	0	0	0	0	11	-	-	86%	86%	Jun-22	100%	0.0	-	73%
Sweden	10 549 347	0.00	0	-	4	2	2	0	-	1	0	100%	100%	Jul-22	100%	-	100%	25%
Switzerland	8 740 472	0.00	0	-	0	0	0	0	52	-	-	100%	100%	Jul-22	100%	0.6	-	6%
Tajikistan	9 952 787	1.03	10	0	273	272	0	1	90	180	0	100%	100%	Jul-22	100%	0.9	79%	100%
Türkiye ⁷	85 341 241	0.60	51	0	53	41	0	12	649	0	0	100%	100%	Jul-22	100%	0.8	68%	96%
Turkmenistan ⁷	6 430 771	0.00	0	-	0	0	0	0	73	-	-	100%	100%	Jul-22	100%	1.1	-	100%
Ukraine	39 701 739	0.37	16	0	5	1	0	4	14	0	0	100%	100%	Jul-22	68%	0.0	80%	100%
United Kingdom	67 508 936	0.03	2	0	37	37	0	0	-	6	0	100%	100%	Jul-22	100%	-	100%	0%
Uzbekistan	34 627 653	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	931 065 684	0.17	160	0	487	413	8	66	2493	204	0	96%	87%		99%	0.5	79%	61%

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 2022 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—July 2022 (data as of 30 August 2022)

Country	Total Population in 2022 ¹	2021 (as of 30 August 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	2 842 321	0.00	0	0	0	0	0	1	-	100%	100%	Jul-22	100%	0.0	-	100%
Andorra	79 824	0.00	0	0	0	0	0	0	-	100%	100%	Jul-22	-	0.0	-	-
Armenia	2 780 469	0.00	0	0	0	0	0	0	-	100%	71%	Jul-22	-	0.0	-	-
Austria	8 939 617	0.00	0	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
Azerbaijan	10 358 074	0.19	2	3	2	0	1	45	0	100%	100%	Jul-22	98%	0.4	0%	100%
Belarus ⁷	9 534 955	0.00	0	0	0	0	0	160	-	100%	86%	Jul-22	100%	1.7	-	0%
Belgium ⁸	11 655 930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 233 527	0.31	1	0	0	0	0	-	-	100%	43%	Jul-22	-	-	-	-
Bulgaria	6 781 953	0.15	1	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
Croatia	4 030 358	0.00	0	0	0	0	0	-	-	43%	14%	Mar-22	-	-	-	-
Cyprus	1 251 489	0.00	0	0	0	0	0	-	-	100%	86%	Jul-22	-	-	-	-
Czech Republic	10 493 986	0.00	0	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
Denmark ⁸	5 882 262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 326 062	0.00	0	0	0	0	0	32	-	100%	100%	Jul-22	100%	2.4	-	100%
Finland	5 540 746	0.18	1	1	1	0	0	-	0	100%	100%	Jul-22	100%	-	0%	0%
France ⁸	64 626 628	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 744 386	0.00	0	0	0	0	0	5	-	100%	100%	Jul-22	100%	0.1	-	100%
Germany	83 369 843	0.08	7	5	1	0	4	-	0	100%	100%	Jul-22	20%	-	20%	0%
Greece	10 384 971	0.00	0	0	0	0	0	-	-	100%	86%	Jul-22	-	-	-	-
Hungary	9 967 308	0.00	0	0	0	0	0	0	-	100%	86%	Jul-22	-	0.0	-	-
Iceland	372 899	0.00	0	0	0	0	0	-	-	100%	86%	Jul-22	-	-	-	-
Ireland	5 023 109	0.00	0	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
Israel	9 038 309	0.11	1	0	0	0	0	-	-	100%	86%	Jul-22	-	-	-	-
Italy	59 037 474	0.00	0	2	1	1	0	4	0	100%	100%	Jul-22	100%	0.0	100%	0%
Kazakhstan	19 397 998	0.00	0	0	0	0	0	-	-	100%	86%	Jul-22	-	-	-	-
Kyrgyzstan ⁷	6 630 623	0.15	1	1	1	0	0	37	0	100%	100%	Jul-22	97%	0.6	0%	66%
Latvia	1 850 651	0.00	0	0	0	0	0	-	-	100%	29%	Jul-22	-	-	-	-
Lithuania	2 750 055	0.00	0	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
Luxembourg	647 599	0.00	0	0	0	0	0	0	-	100%	100%	Jul-22	-	0.0	-	-
Malta	533 286	0.00	0	0	0	0	0	-	-	100%	43%	Jul-22	-	-	-	-
Monaco	36 469	0.00	0	0	0	0	0	0	-	100%	100%	Jul-22	-	0.0	-	-
Montenegro	627 083	0.00	0	0	0	0	0	0	-	100%	86%	Jul-22	-	0.0	-	-
Netherlands	17 564 014	0.00	0	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
North Macedonia	2 093 599	0.00	0	0	0	0	0	-	-	100%	71%	Jul-22	-	-	-	-
Norway	5 434 319	0.00	0	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
Poland	39 857 146	1.31	50	72	2	0	70	-	-	100%	100%	Jul-22	-	-	-	-
Portugal	10 270 865	0.00	0	0	0	0	0	6	-	86%	43%	Jun-22	83%	0.1	-	33%
Republic of Moldova	3 272 996	0.00	0	0	0	0	0	1	-	100%	100%	Jul-22	100%	0.0	-	100%
Romania	19 659 267	0.05	1	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
Russian Federation	144 713 314	0.01	1	0	0	0	0	0	-	100%	100%	Jul-22	-	0.0	-	-
San Marino	33 661	0.00	0	0	0	0	0	0	-	100%	86%	Jul-22	-	0.0	-	-
Serbia	7 221 366	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 643 453	0.00	0	0	0	0	0	0	-	100%	100%	Jul-22	-	0.0	-	-
Slovenia	2 119 844	0.00	0	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
Spain	47 558 630	0.00	0	0	0	0	0	0	-	86%	86%	Jun-22	-	0.0	-	-
Sweden	10 549 347	0.00	0	0	0	0	0	0	-	100%	100%	Jul-22	-	0.0	-	-
Switzerland	8 740 472	0.00	0	0	0	0	0	30	-	100%	100%	Jul-22	97%	0.3	-	17%
Tajikistan	9 952 787	0.00	0	0	0	0	0	8	-	100%	100%	Jul-22	100%	0.1	-	100%
Türkiye ⁷	85 341 241	0.18	15	26	20	0	6	649	0	100%	100%	Jul-22	100%	0.8	100%	96%
Turkmenistan ⁷	6 430 771	0.00	0	0	0	0	0	73	-	100%	100%	Jul-22	100%	1.1	-	100%
Ukraine	39 701 739	0.44	19	6	3	0	3	9	0	100%	100%	Jul-22	60%	0.0	100%	100%
United Kingdom	67 508 936	0.00	0	0	0	0	0	-	-	100%	100%	Jul-22	-	-	-	-
Uzbekistan	34 627 653	0.00	0	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	931 065 684	0.11	100	116	31	1	84	1060	0	89%	81%		99%	0.2	80%	78%

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 2022 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—July 2022 (data as of 30 August 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%	57%	Jul-22
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	688	1 (0)	D8	100%	2863	0 (0)	-	-	100%	100%	Jul-22
Azerbaijan	122	0 (0)	-	-	48	2 (4)	-	-	100%	100%	Jul-22
Belarus	-	-	-	-	-	-	-	-	-	-	No report
Belgium	-	-	B3	100%	-	-	-	-	-	-	No report
Bosnia and Herzegovina	8	0 (0)	-	-	7	0 (0)	-	-	43%	43%	Apr-22
Bulgaria	25	1 (4)	-	-	23	0 (0)	-	-	100%	57%	Jul-22
Croatia	0	-	-	-	0	-	-	-	29%	29%	Feb-22
Cyprus	14	0 (0)	-	-	39	0 (0)	-	-	71%	57%	Jun-22
Czech Republic	13	3 (23)	-	-	24	2 (8)	-	-	100%	86%	Jul-22
Denmark	199	0 (0)	-	-	16	4 (25)	-	-	100%	100%	Jul-22
Estonia	25	0 (0)	-	-	2	0 (0)	-	-	100%	86%	Jul-22
Finland	6	0 (0)	-	-	6	0 (0)	-	-	100%	86%	Jul-22
France	-	-	B3	100%	-	-	-	-	-	-	No report
Georgia	44	7 (16)	-	-	43	4 (9)	-	-	100%	14%	Jul-22
Germany	69	9 (13)	B3	100%	22	0 (0)	-	-	100%	86%	Jul-22
Greece	0	-	-	-	0	-	-	-	43%	14%	Mar-22
Hungary	68	0 (0)	-	-	70	0 (0)	-	-	100%	100%	Jul-22
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	336	4 (1)	-	-	1373	2 (0)	-	-	100%	57%	Jul-22
Israel	-	-	-	-	-	-	-	-	-	-	No report
Italy	48	4 (8)	B3	100%	7	0 (0)	-	-	100%	100%	Jul-22
Kazakhstan	9	0 (0)	-	-	17	0 (0)	-	-	100%	71%	Jul-22
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	85	2 (2)	-	-	72	2 (3)	-	-	100%	100%	Jul-22
Lithuania	15	0 (0)	-	-	15	0 (0)	-	-	100%	100%	Jul-22
Luxembourg	5	0 (0)	-	-	0	-	-	-	86%	86%	Jul-22
Malta	14	0 (0)	-	-	228	0 (0)	-	-	57%	29%	Apr-22
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	1	0 (0)	-	-	1	0 (0)	-	-	14%	14%	Jan-22
North Macedonia	-	-	-	-	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	100%	71%	Jul-22
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	7	0 (0)	-	-	3	0 (0)	-	-	100%	100%	Jul-22
Republic of Moldova	36	0 (0)	-	-	37	0 (0)	-	-	100%	100%	Jul-22
Romania	81	6 (7)	-	-	78	0 (0)	-	-	86%	29%	Jun-22
Russian Federation	1723	59 (3)	B3,D8	100%	1709	9 (1)	-	-	100%	100%	Jul-22
San Marino											No lab
Serbia	9	0 (0)	-	-	9	0 (0)	-	-	43%	43%	Jun-22
Slovakia	17	0 (0)	-	-	3	0 (0)	-	-	100%	100%	Jul-22
Slovenia	24	1 (4)	-	-	6	0 (0)	-	-	100%	100%	Jul-22
Spain	-	-	-	-	-	-	-	-	-	-	No report
Sweden	622	10 (2)	B3	100%	1264	17 (1)	-	-	100%	86%	Jul-22
Switzerland	53	5 (9)	-	-	8	8 (100)	-	-	100%	100%	Jul-22
Tajikistan	-	-	-	-	-	-	-	-	-	-	No report
Türkiye	519	40 (8)	-	-	509	36 (7)	-	-	57%	29%	Apr-22
Turkmenistan	73	0 (0)	-	-	73	0 (0)	-	-	100%	100%	Jul-22
Ukraine	6	0 (0)	-	-	6	1 (17)	-	-	100%	71%	Jul-22
United Kingdom	1508	50 (3)	B3	100%	1002	0 (0)	-	-	100%	100%	Jul-22
Uzbekistan	66	5 (8)	-	-	66	1 (2)	-	-	71%	57%	May-22
Region	6539	207 (3)	-	100%	9649	88 (1)	-	-	62%	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.

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