

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 July 2021—June 2022 (data as of 29 July 2022)

Country	Total Population in 2022 ¹	Incidence Rate July 2021-June 2022 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	
Albania	2 842 321	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Andorra	79 824	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Armenia	2 780 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Austria	8 939 617	0.22	2	0	0	0	0	1	0	0	0	0	0	1	0	Jun-22
Azerbaijan	10 358 074	0.29	3	0	0	0	2	0	0	0	0	0	0	1	0	Jun-22
Belarus	9 534 955	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Belgium	11 655 930	1.46	17	2	0	0	0	1	3	0	0	1	1	4	5	Jun-22
Bosnia and Herzegovina	3 233 527	0.93	3	0	0	0	0	0	1	0	1	1	0	0	0	Jun-22
Bulgaria	6 781 953	0.15	1	0	0	0	0	0	0	0	0	0	1	0	0	Jun-22
Croatia	4 030 358	0.00	0	0	0	0	0	0	0	0	0	0	-	-	-	Mar-22
Cyprus	1 251 489	0.80	1	0	0	0	0	0	1	0	0	0	0	0	-	May-22
Czech Republic	10 493 986	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Denmark	5 882 262	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Estonia	1 326 062	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Finland	5 540 746	0.54	3	0	2	1	0	0	0	0	0	0	0	0	0	Jun-22
France	64 626 628	0.29	19	2	2	0	3	0	3	0	1	0	7	1	0	Jun-22
Georgia	3 744 386	3.20	12	1	0	1	1	2	0	1	1	0	1	1	3	Jun-22
Germany	83 369 843	0.17	14	0	0	0	2	0	1	2	3	1	1	2	2	Jun-22
Greece	10 384 971	0.10	1	0	0	0	0	0	0	0	0	0	1	0	0	Jun-22
Hungary	9 967 308	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Iceland	372 899	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Ireland	5 023 109	1.00	5	0	0	0	0	0	0	0	0	0	3	0	2	Jun-22
Israel	9 038 309	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Italy	59 037 474	0.20	12	1	2	1	1	1	1	1	1	2	0	1	0	Jun-22
Kazakhstan	19 397 998	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Kyrgyzstan	6 630 623	1.51	10	0	0	0	0	0	1	1	0	7	1	0	0	Jun-22
Latvia	1 850 651	0.00	0	0	0	0	0	0	0	0	0	-	-	-	-	Feb-22
Lithuania	2 750 055	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Luxembourg	647 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Malta	533 286	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Monaco	36 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Montenegro	627 083	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Netherlands	17 564 014	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
North Macedonia	2 093 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Norway	5 434 319	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Poland	39 857 146	0.50	20	0	3	0	1	1	0	2	2	2	4	3	2	Jun-22
Portugal	10 270 865	0.00	0	0	0	0	0	0	0	0	0	0	-	-	-	Mar-22
Republic of Moldova	3 272 996	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Romania	19 659 267	0.05	1	0	0	0	0	0	1	0	0	0	0	0	0	Jun-22
Russian Federation	144 713 314	0.11	16	0	0	0	0	0	0	4	0	3	5	1	3	Jun-22
San Marino	33 661	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Serbia	7 221 366	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Slovakia	5 643 453	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Slovenia	2 119 844	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Spain	47 558 630	0.04	2	0	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	0	1	3	Jun-22
Switzerland	8 740 472	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Tajikistan	9 952 787	22.91	228	0	0	0	0	0	10	17	22	49	46	40	44	Jun-22
Türkiye	85 341 241	0.88	75	6	0	8	5	7	10	2	1	9	11	7	9	Jun-22
Turkmenistan	6 430 771	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Ukraine	39 701 739	0.35	14	3	1	2	0	2	1	1	1	1	0	0	2	Jun-22
United Kingdom	67 508 936	0.24	16	0	0	0	0	0	0	1	0	0	0	2	13	Jun-22
Uzbekistan	34 627 653	0.00	0	0	0	0	0	0	0	-	-	-	-	-	-	Dec-21
Region	931 065 684	0.51	479	15	10	14	16	15	33	32	33	76	82	65	88	

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 July 2021—June 2022 (data as of 29 July 2022)

Country	Total Population in 2022 ¹	Incidence Rate July 2021-June 2022 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	
Albania	2 842 321	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Andorra	79 824	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Armenia	2 780 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Austria	8 939 617	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Azerbaijan	10 358 074	0.39	4	0	0	2	0	0	0	0	0	0	2	0	0	Jun-22
Belarus	9 534 955	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-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	Jun-22
Bulgaria	6 781 953	0.15	1	0	0	0	0	1	0	0	0	0	0	0	0	Jun-22
Croatia	4 030 358	0.00	0	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	-	May-22
Czech Republic	10 493 986	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-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	Jun-22
Finland	5 540 746	0.18	1	0	0	0	0	0	0	0	0	0	1	0	0	Jun-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	Jun-22
Germany	83 369 843	0.06	5	0	0	0	2	0	0	2	0	0	0	0	1	Jun-22
Greece	10 384 971	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Hungary	9 967 308	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Iceland	372 899	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Ireland	5 023 109	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Israel	9 038 309	0.11	1	0	0	0	0	0	1	0	0	0	0	0	0	Jun-22
Italy	59 037 474	0.02	1	0	0	0	0	0	0	0	1	0	0	0	0	Jun-22
Kazakhstan	19 397 998	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Kyrgyzstan	6 630 623	0.15	1	0	0	0	0	0	0	0	0	0	0	0	1	Jun-22
Latvia	1 850 651	0.00	0	0	0	0	0	0	0	0	0	-	-	-	-	Feb-22
Lithuania	2 750 055	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Luxembourg	647 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Malta	533 286	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Monaco	36 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Montenegro	627 083	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Netherlands	17 564 014	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
North Macedonia	2 093 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Norway	5 434 319	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Poland	39 857 146	2.23	89	8	1	4	6	4	4	8	3	14	15	9	13	Jun-22
Portugal	10 270 865	0.00	0	0	0	0	0	0	0	0	0	0	-	-	-	Mar-22
Republic of Moldova	3 272 996	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Romania	19 659 267	0.05	1	0	0	0	1	0	0	0	0	0	0	0	0	Jun-22
Russian Federation	144 713 314	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
San Marino	33 661	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-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	Jun-22
Slovenia	2 119 844	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Spain	47 558 630	0.00	0	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	Jun-22
Switzerland	8 740 472	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Tajikistan	9 952 787	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Türkiye	85 341 241	0.39	33	3	2	2	2	1	3	0	3	7	3	2	5	Jun-22
Turkmenistan	6 430 771	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Ukraine	39 701 739	0.40	16	0	6	1	1	1	1	3	0	0	0	1	2	Jun-22
United Kingdom	67 508 936	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-22
Uzbekistan	34 627 653	0.00	0	0	0	0	0	0	0	-	-	-	-	-	-	Dec-21
Region	931 065 684	0.16	153	11	9	9	12	7	9	13	7	21	21	12	22	

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—June 2022 (data as of 29 July 2022)

Country	Total Population in 2022 ¹	2021 (as of 29 July 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%	Jun-22	100%	0.0	-	100%
Andorra	79 824	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jun-22	-	0.0	-	-
Armenia	2 780 469	0.00	0	-	0	0	0	0	3	-	-	100%	83%	Jun-22	100%	0.1	-	100%
Austria	8 939 617	0.11	1	0	1	1	0	0	3	0	0	100%	100%	Jun-22	25%	0.0	100%	0%
Azerbaijan	10 358 074	0.19	2	0	1	1	0	0	111	0	0	100%	100%	Jun-22	100%	1.1	100%	99%
Belarus ⁷	9 534 955	0.31	3	0	0	0	0	0	119	-	-	100%	83%	Jun-22	100%	1.2	-	0%
Belgium	11 655 930	0.60	7	0	11	3	4	4	-	-	0	100%	83%	Jun-22	-	-	-	-
Bosnia and Herzegovina	3 233 527	0.61	2	0	2	0	0	2	-	-	0	100%	33%	Jun-22	-	-	-	-
Bulgaria	6 781 953	0.00	0	-	1	1	0	0	-	0	0	100%	100%	Jun-22	100%	-	100%	100%
Croatia	4 030 358	0.00	0	-	0	0	0	0	0	-	-	50%	17%	Mar-22	-	0.0	-	-
Cyprus	1 251 489	0.80	1	0	0	0	0	0	-	-	-	83%	83%	May-22	-	-	-	-
Czech Republic	10 493 986	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jun-22	-	-	-	-
Denmark	5 882 262	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jun-22	-	-	-	-
Estonia	1 326 062	0.00	0	-	0	0	0	0	81	-	-	100%	100%	Jun-22	100%	6.1	-	98%
Finland	5 540 746	0.54	3	0	0	0	0	0	-	-	-	100%	100%	Jun-22	-	-	-	-
France	64 626 628	0.25	16	0	9	7	0	2	-	1	0	100%	67%	Jun-22	78%	-	78%	0%
Georgia	3 744 386	1.33	5	0	7	3	0	4	19	0	0	100%	100%	Jun-22	96%	0.5	100%	88%
Germany	83 369 843	0.08	7	0	11	9	0	2	-	4	0	100%	100%	Jun-22	82%	-	82%	0%
Greece	10 384 971	0.00	0	-	1	0	0	1	0	0	0	100%	83%	Jun-22	0%	0.0	100%	0%
Hungary	9 967 308	0.00	0	-	0	0	0	0	0	-	-	100%	83%	Jun-22	-	0.0	-	-
Iceland	372 899	0.00	0	-	0	0	0	0	-	-	-	100%	83%	Jun-22	-	-	-	-
Ireland	5 023 109	0.00	0	-	5	0	0	5	-	0	0	100%	100%	Jun-22	40%	-	20%	60%
Israel	9 038 309	0.00	0	-	0	0	0	0	-	-	-	100%	83%	Jun-22	-	-	-	-
Italy	59 037 474	0.15	9	0	5	4	0	1	7	1	0	100%	100%	Jun-22	92%	0.0	80%	0%
Kazakhstan	19 397 998	0.10	2	0	0	0	0	0	-	-	-	100%	83%	Jun-22	-	-	-	-
Kyrgyzstan ⁷	6 630 623	0.61	4	0	9	0	0	9	34	0	0	100%	100%	Jun-22	79%	0.5	0	72%
Latvia	1 850 651	0.00	0	-	0	0	0	0	-	-	-	33%	17%	Feb-22	-	-	-	-
Lithuania	2 750 055	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jun-22	-	-	-	-
Luxembourg	647 599	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jun-22	-	0.0	-	-
Malta	533 286	0.00	0	-	0	0	0	0	-	-	-	100%	33%	Jun-22	-	-	-	-
Monaco	36 469	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jun-22	-	0.0	-	-
Montenegro	627 083	0.00	0	-	0	0	0	0	5	-	-	100%	100%	Jun-22	100%	0.8	-	20%
Netherlands	17 564 014	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jun-22	-	-	-	-
North Macedonia	2 093 599	0.00	0	-	0	0	0	0	-	-	-	100%	67%	Jun-22	-	-	-	-
Norway	5 434 319	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jun-22	-	-	-	-
Poland	39 857 146	0.37	14	0	15	3	0	12	-	-	0	100%	100%	Jun-22	-	-	-	-
Portugal	10 270 865	0.00	0	-	0	0	0	0	0	-	-	50%	50%	Mar-22	-	0.0	-	-
Republic of Moldova	3 272 996	0.00	0	-	0	0	0	0	25	-	-	100%	100%	Jun-22	100%	0.8	-	100%
Romania	19 659 267	0.10	2	0	0	0	0	0	-	-	-	100%	83%	Jun-22	-	-	-	-
Russian Federation	144 713 314	0.01	1	0	16	15	1	0	941	8	0	100%	100%	Jun-22	100%	0.7	100%	31%
San Marino	33 661	0.00	0	-	0	0	0	0	0	-	-	100%	83%	Jun-22	-	0.0	-	-
Serbia	7 221 366	0.14	1	0	0	0	0	0	-	-	-	100%	100%	Jun-22	-	-	-	-
Slovakia	5 643 453	0.00	0	-	0	0	0	0	2	-	-	100%	100%	Jun-22	100%	0.0	-	100%
Slovenia	2 119 844	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jun-22	-	-	-	-
Spain	47 558 630	0.04	2	0	0	0	0	0	11	-	-	100%	100%	Jun-22	100%	0.0	-	73%
Sweden	10 549 347	0.00	0	-	4	2	2	0	-	1	0	100%	100%	Jun-22	100%	-	100%	25%
Switzerland	8 740 472	0.00	0	-	0	0	0	0	49	-	-	100%	100%	Jun-22	100%	0.6	-	6%
Tajikistan	9 952 787	1.03	10	0	218	218	0	0	89	130	0	100%	100%	Jun-22	100%	0.9	77%	100%
Türkiye ⁷	85 341 241	0.60	51	0	39	39	0	0	586	0	0	100%	100%	Jun-22	100%	0.7	59%	96%
Turkmenistan ⁷	6 430 771	0.00	0	-	0	0	0	0	67	-	-	100%	100%	Jun-22	100%	1.0	-	100%
Ukraine	39 701 739	0.37	16	0	5	1	0	4	12	0	0	100%	100%	Jun-22	65%	0.0	80%	100%
United Kingdom	67 508 936	0.03	2	0	16	16	0	0	-	4	0	100%	100%	Jun-22	100%	-	100%	0%
Uzbekistan	34 627 653	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	931 065 684	0.17	161	0	376	323	7	46	2165	149	0	95%	87%		99%	0.4	75%	63%

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—June 2022 (data as of 29 July 2022)

Country	Total Population in 2022 ¹	2021 (as of 29 July 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%	Jun-22	100%	0.0	-	100%
Andorra	79 824	0.00	0	0	0	0	0	0	-	100%	100%	Jun-22	-	0.0	-	-
Armenia	2 780 469	0.00	0	0	0	0	0	0	-	100%	83%	Jun-22	-	0.0	-	-
Austria	8 939 617	0.00	0	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
Azerbaijan	10 358 074	0.19	2	2	2	0	0	43	0	100%	100%	Jun-22	100%	0.4	0%	100%
Belarus ⁷	9 534 955	0.00	0	0	0	0	0	119	-	100%	83%	Jun-22	100%	1.2	-	0%
Belgium ⁸	11 655 930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 233 527	0.31	1	0	0	0	0	-	-	100%	33%	Jun-22	-	-	-	-
Bulgaria	6 781 953	0.15	1	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
Croatia	4 030 358	0.00	0	0	0	0	0	-	-	50%	17%	Mar-22	-	-	-	-
Cyprus	1 251 489	0.00	0	0	0	0	0	-	-	83%	83%	May-22	-	-	-	-
Czech Republic	10 493 986	0.00	0	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
Denmark ⁸	5 882 262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 326 062	0.00	0	0	0	0	0	32	-	100%	100%	Jun-22	100%	2.4	-	100%
Finland	5 540 746	0.18	1	1	1	0	0	-	0	100%	100%	Jun-22	100%	-	0%	0%
France ⁸	64 626 628	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 744 386	0.00	0	0	0	0	0	4	-	100%	100%	Jun-22	100%	0.1	-	100%
Germany	83 369 843	0.08	7	3	1	0	2	-	0	100%	100%	Jun-22	33%	-	33%	0%
Greece	10 384 971	0.00	0	0	0	0	0	-	-	100%	83%	Jun-22	-	-	-	-
Hungary	9 967 308	0.00	0	0	0	0	0	0	-	100%	83%	Jun-22	-	0.0	-	-
Iceland	372 899	0.00	0	0	0	0	0	-	-	100%	83%	Jun-22	-	-	-	-
Ireland	5 023 109	0.00	0	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
Israel	9 038 309	0.11	1	0	0	0	0	-	-	100%	83%	Jun-22	-	-	-	-
Italy	59 037 474	0.00	0	1	1	0	0	4	0	100%	100%	Jun-22	100%	0.0	100%	0%
Kazakhstan	19 397 998	0.00	0	0	0	0	0	-	-	100%	83%	Jun-22	-	-	-	-
Kyrgyzstan ⁷	6 630 623	0.15	1	1	1	0	0	34	0	100%	100%	Jun-22	100%	0.5	0%	69%
Latvia	1 850 651	0.00	0	0	0	0	0	-	-	33%	17%	Feb-22	-	-	-	-
Lithuania	2 750 055	0.00	0	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
Luxembourg	647 599	0.00	0	0	0	0	0	0	-	100%	100%	Jun-22	-	0.0	-	-
Malta	533 286	0.00	0	0	0	0	0	-	-	100%	33%	Jun-22	-	-	-	-
Monaco	36 469	0.00	0	0	0	0	0	0	-	100%	100%	Jun-22	-	0.0	-	-
Montenegro	627 083	0.00	0	0	0	0	0	0	-	100%	83%	Jun-22	-	0.0	-	-
Netherlands	17 564 014	0.00	0	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
North Macedonia	2 093 599	0.00	0	0	0	0	0	-	-	100%	67%	Jun-22	-	-	-	-
Norway	5 434 319	0.00	0	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
Poland	39 857 146	1.31	50	62	1	0	61	-	-	100%	100%	Jun-22	-	-	-	-
Portugal	10 270 865	0.00	0	0	0	0	0	2	-	50%	50%	Mar-22	100%	0.0	-	100%
Republic of Moldova	3 272 996	0.00	0	0	0	0	0	1	-	100%	100%	Jun-22	100%	0.0	-	100%
Romania	19 659 267	0.05	1	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
Russian Federation	144 713 314	0.01	1	0	0	0	0	0	-	100%	100%	Jun-22	-	0.0	-	-
San Marino	33 661	0.00	0	0	0	0	0	0	-	100%	83%	Jun-22	-	0.0	-	-
Serbia	7 221 366	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 643 453	0.00	0	0	0	0	0	0	-	100%	100%	Jun-22	-	0.0	-	-
Slovenia	2 119 844	0.00	0	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
Spain	47 558 630	0.00	0	0	0	0	0	0	-	100%	100%	Jun-22	-	0.0	-	-
Sweden	10 549 347	0.00	0	0	0	0	0	0	-	100%	100%	Jun-22	-	0.0	-	-
Switzerland	8 740 472	0.00	0	0	0	0	0	28	-	100%	100%	Jun-22	96%	0.3	-	14%
Tajikistan	9 952 787	0.00	0	0	0	0	0	9	-	100%	100%	Jun-22	100%	0.1	-	100%
Türkiye ⁷	85 341 241	0.18	15	20	20	0	0	586	0	100%	100%	Jun-22	100%	0.7	100%	97%
Turkmenistan ⁷	6 430 771	0.00	0	0	0	0	0	67	-	100%	100%	Jun-22	100%	1.0	-	100%
Ukraine	39 701 739	0.44	19	6	3	0	3	7	0	100%	100%	Jun-22	54%	0.0	100%	100%
United Kingdom	67 508 936	0.00	0	0	0	0	0	-	-	100%	100%	Jun-22	-	-	-	-
Uzbekistan	34 627 653	0.00	0	-	-	-	-	-	-	0%	0%	Dec-21	-	-	-	-
Region	931 065 684	0.11	100	96	30	0	66	937	0	87%	80%		99%	0.2	82%	81%

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—June 2022 (data as of 29 July 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	-	-	-	67%	50%	Apr-22
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	588	1 (0)	D8	100%	2456	0 (0)	-	-	100%	100%	Jun-22
Azerbaijan	119	0 (0)	-	-	47	2 (4)	-	-	100%	100%	Jun-22
Belarus	-	-	-	-	-	-	-	-	-	-	No report
Belgium	-	-	B3	100%	-	-	-	-	-	-	No report
Bosnia and Herzegovina	8	0 (0)	-	-	7	0 (0)	-	-	50%	50%	Apr-22
Bulgaria	16	1 (6)	-	-	14	0 (0)	-	-	83%	50%	May-22
Croatia	0	-	-	-	0	-	-	-	33%	33%	Feb-22
Cyprus	14	0 (0)	-	-	39	0 (0)	-	-	83%	67%	Jun-22
Czech Republic	12	3 (25)	-	-	21	2 (10)	-	-	100%	83%	Jun-22
Denmark	179	0 (0)	-	-	14	4 (29)	-	-	100%	100%	Jun-22
Estonia	22	0 (0)	-	-	2	0 (0)	-	-	100%	83%	Jun-22
Finland	3	0 (0)	-	-	3	0 (0)	-	-	100%	83%	Jun-22
France	-	-	B3	100%	-	-	-	-	-	-	No report
Georgia	3	0 (0)	-	-	3	0 (0)	-	-	33%	0%	Feb-22
Germany	59	9 (15)	B3	100%	18	0 (0)	-	-	100%	83%	Jun-22
Greece	0	-	-	-	0	-	-	-	50%	17%	Mar-22
Hungary	57	0 (0)	-	-	57	0 (0)	-	-	100%	100%	Jun-22
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	289	2 (1)	-	-	1190	2 (0)	-	-	100%	50%	Jun-22
Israel	-	-	-	-	-	-	-	-	-	-	No report
Italy	34	4 (12)	B3	100%	7	0 (0)	-	-	100%	100%	Jun-22
Kazakhstan	8	0 (0)	-	-	14	0 (0)	-	-	100%	67%	Jun-22
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	66	1 (2)	-	-	64	1 (2)	-	-	100%	100%	Jun-22
Lithuania	15	0 (0)	-	-	15	0 (0)	-	-	100%	100%	Jun-22
Luxembourg	4	0 (0)	-	-	0	-	-	-	83%	83%	Jun-22
Malta	14	0 (0)	-	-	228	0 (0)	-	-	67%	33%	Apr-22
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	1	0 (0)	-	-	1	0 (0)	-	-	17%	17%	Jan-22
North Macedonia	-	-	-	-	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	67%	67%	Apr-22
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	7	0 (0)	-	-	2	0 (0)	-	-	100%	100%	Jun-22
Republic of Moldova	32	0 (0)	-	-	33	0 (0)	-	-	100%	100%	Jun-22
Romania	59	6 (10)	-	-	56	0 (0)	-	-	83%	33%	May-22
Russian Federation	1341	48 (4)	B3,D8	100%	1327	5 (0)	-	-	100%	100%	Jun-22
San Marino											No lab
Serbia	9	0 (0)	-	-	9	0 (0)	-	-	50%	50%	Jun-22
Slovakia	16	0 (0)	-	-	3	0 (0)	-	-	100%	100%	Jun-22
Slovenia	24	1 (4)	-	-	6	0 (0)	-	-	100%	100%	Jun-22
Spain	-	-	-	-	-	-	-	-	-	-	No report
Sweden	553	9 (2)	B3	100%	1110	17 (2)	-	-	100%	83%	Jun-22
Switzerland	50	5 (10)	-	-	8	8 (100)	-	-	100%	100%	Jun-22
Tajikistan	-	-	-	-	-	-	-	-	-	-	No report
Türkiye	519	40 (8)	-	-	509	36 (7)	-	-	67%	33%	Apr-22
Turkmenistan	61	0 (0)	-	-	61	0 (0)	-	-	100%	100%	Jun-22
Ukraine	3	0 (0)	-	-	3	1 (33)	-	-	100%	67%	Jun-22
United Kingdom	1389	28 (2)	B3	100%	994	0 (0)	-	-	100%	100%	Jun-22
Uzbekistan	66	5 (8)	-	-	66	1 (2)	-	-	83%	67%	May-22
Region	5641	163 (3)	-	100%	8387	79 (1)	-	-	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: <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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