

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 2022—June 2023 (data as of 04 August 2023)

Country	Total Population in 2023 ¹	Incidence Rate July 2022-June 2023 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	
Albania	2 832 439	1.41	4	0	0	0	1	0	0	0	3	0	0	0	0	Jun-23
Andorra	80 088	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Armenia	2 777 971	102.59	285	0	0	0	0	0	0	0	11	87	48	66	73	Jun-23
Austria	8 958 961	14.62	131	0	0	0	0	0	0	1	50	53	15	1	11	Jun-23
Azerbaijan	10 412 652	0.29	3	0	0	0	0	0	0	0	0	0	1	2	0	Jun-23
Belarus	9 498 238	2.95	28	0	0	0	0	0	0	0	1	0	13	5	9	Jun-23
Belgium	11 686 140	3.17	37	0	0	2	2	1	5	0	0	1	6	6	14	Jun-23
Bosnia and Herzegovina	3 210 848	2.18	7	1	0	1	2	0	0	0	2	0	0	1	0	Jun-23
Bulgaria	6 687 717	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Croatia	4 008 617	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Cyprus	1 260 138	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Czech Republic	10 495 295	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Denmark	5 910 913	0.17	1	0	0	0	0	0	0	0	0	1	0	0	0	Jun-23
Estonia	1 322 766	2.27	3	0	0	0	0	0	0	1	0	1	0	1	0	Jun-23
Finland	5 545 475	0.18	1	0	0	1	0	0	0	0	0	0	0	-	-	Apr-23
France	64 756 584	0.43	28	4	2	2	2	0	0	3	1	5	2	0	7	Jun-23
Georgia	3 728 282	3.76	14	2	0	0	3	0	0	2	0	4	2	1	0	Jun-23
Germany	83 294 633	0.34	28	1	1	0	1	2	1	1	1	4	9	7	0	Jun-23
Greece	10 341 277	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Hungary	10 156 239	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Iceland	375 319	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Ireland	5 056 935	0.40	2	0	0	0	0	1	0	0	0	0	0	1	0	Jun-23
Israel	9 174 520	0.11	1	0	0	0	0	0	0	0	0	0	0	1	0	Jun-23
Italy	58 870 763	0.36	21	0	0	3	7	3	1	1	1	3	1	1	-	May-23
Kazakhstan	19 606 634	97.93	1920	0	3	1	0	0	-	0	7	109	153	600	1047	Jun-23
Kyrgyzstan	6 735 348	150.40	1013	0	0	1	1	0	11	4	6	78	238	245	429	Jun-23
Latvia	1 830 212	0.55	1	0	0	0	0	0	0	0	0	0	1	0	0	Jun-23
Lithuania	2 718 352	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Luxembourg	654 768	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Malta	535 065	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Monaco	36 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Montenegro	626 485	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Netherlands (Kingdom of the)	17 618 299	0.34	6	0	1	0	0	5	0	0	0	0	0	0	0	Jun-23
North Macedonia	2 085 679	0.48	1	0	0	0	0	0	0	0	0	1	0	0	0	Jun-23
Norway	5 474 360	0.18	1	0	1	0	0	0	0	0	0	0	0	0	0	Jun-23
Poland	41 026 068	0.83	34	2	2	3	2	4	6	1	0	1	2	9	2	Jun-23
Portugal	10 247 605	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Republic of Moldova	3 435 931	0.29	1	0	0	0	0	0	0	0	0	0	0	1	0	Jun-23
Romania	19 892 812	3.32	66	2	0	0	0	0	2	5	14	40	3	0	-	May-23
Russian Federation	144 444 359	15.09	2179	0	6	3	6	14	67	182	286	391	426	427	371	Jun-23
San Marino	33 642	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Serbia	7 149 077	6.71	48	0	0	0	0	0	0	23	16	6	3	0	0	Jun-23
Slovakia	5 795 199	1.04	6	0	0	0	0	0	0	2	1	0	3	0	0	Jun-23
Slovenia	2 119 675	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Spain	47 519 628	0.08	4	0	0	0	0	0	1	1	1	0	0	1	0	Jun-23
Sweden	10 612 086	0.38	4	0	0	0	0	0	0	0	0	1	2	1	0	Jun-23
Switzerland	8 796 669	3.30	29	0	0	0	0	0	1	4	1	0	4	15	4	Jun-23
Tajikistan	10 143 543	65.56	665	50	33	48	47	33	17	76	127	97	79	46	12	Jun-23
Türkiye	85 816 199	34.80	2986	12	6	9	16	17	25	193	340	445	506	635	782	Jun-23
Turkmenistan	6 516 100	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Ukraine	36 744 634	0.76	28	1	0	0	0	3	2	1	2	8	7	3	1	Jun-23
United Kingdom	67 736 802	1.95	132	13	3	1	4	1	1	12	9	14	28	33	13	Jun-23
Uzbekistan	35 163 944	2.93	103	0	0	0	0	0	0	0	9	27	2	51	14	Jun-23
Region	931 558 283	10.54	9821	88	58	75	94	84	140	513	889	1377	1554	2160	2789	

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 and North Macedonia.

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 2022—June 2023 (data as of 04 August 2023)

Country	Total Population in 2023 ¹	Incidence Rate July 2022–June 2023 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	
Albania	2 832 439	0.35	1	0	0	0	0	0	0	1	0	0	0	0	0	Jun-23
Andorra	80 088	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Armenia	2 777 971	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Austria	8 958 961	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Azerbaijan	10 412 652	0.19	2	1	0	1	0	0	0	0	0	0	0	0	0	Jun-23
Belarus	9 498 238	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Belgium ²	11 686 140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 210 848	0.31	1	0	0	0	0	0	0	0	1	0	0	0	0	Jun-23
Bulgaria	6 687 717	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Croatia	4 008 617	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Cyprus	1 260 138	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Czech Republic	10 495 295	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Denmark ²	5 910 913	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 322 766	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Finland	5 545 475	0.18	1	0	0	0	0	0	0	0	0	1	0	-	-	Apr-23
France ²	64 756 584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 728 282	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Germany	83 294 633	0.07	6	1	1	1	0	0	1	0	1	1	0	0	0	Jun-23
Greece	10 341 277	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Hungary	10 156 239	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Iceland	375 319	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Ireland	5 056 935	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Israel	9 174 520	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Italy	58 870 763	0.25	15	1	1	3	1	0	1	3	1	4	0	0	-	May-23
Kazakhstan	19 606 634	0.20	4	0	0	0	0	0	-	0	0	1	3	0	0	Jun-23
Kyrgyzstan	6 735 348	1.63	11	0	0	0	1	0	1	2	3	1	3	0	0	Jun-23
Latvia	1 830 212	0.55	1	0	0	0	1	0	0	0	0	0	0	0	0	Jun-23
Lithuania	2 718 352	0.37	1	0	0	0	0	1	0	0	0	0	0	0	0	Jun-23
Luxembourg	654 768	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Malta	535 065	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Monaco	36 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Montenegro	626 485	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Netherlands (Kingdom of the)	17 618 299	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
North Macedonia	2 085 679	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Norway	5 474 360	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Poland	41 026 068	5.48	225	11	13	11	20	14	22	20	13	23	28	23	27	Jun-23
Portugal	10 247 605	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Republic of Moldova	3 435 931	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Romania	19 892 812	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	May-23
Russian Federation	144 444 359	0.01	2	0	0	0	0	0	0	0	0	1	0	0	1	Jun-23
San Marino	33 642	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Serbia	7 149 077	0.00	0	-	-	-	-	-	-	0	0	0	0	0	0	Jun-23
Slovakia	5 795 199	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Slovenia	2 119 675	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Spain	47 519 628	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Sweden	10 612 086	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Switzerland	8 796 669	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Tajikistan	10 143 543	0.69	7	0	0	0	0	0	0	0	0	2	2	3	0	Jun-23
Türkiye	85 816 199	0.62	53	5	0	1	3	5	5	5	6	8	2	3	10	Jun-23
Turkmenistan	6 516 100	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Ukraine	36 744 634	0.16	6	0	1	0	1	1	0	0	1	0	1	0	1	Jun-23
United Kingdom	67 736 802	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Uzbekistan	35 163 944	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-23
Region	931 558 283	0.36	336	19	16	17	27	21	30	31	26	42	39	29	39	

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 2023 (data as of 04 August 2023)

Country	Total Population in 2023 ¹	2022 (as of 04 August 2023)			2023													
		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	2 832 439	0.35	1	0	3	3	0	0	6	0	0	100%	83%	Jun-23	100%	0.2	100%	100%
Andorra	80 088	0.00	0	-	0	0	0	0	0	-	-	100%	50%	Jun-23	-	0.0	-	-
Armenia	2 777 971	0.00	0	-	285	279	6	0	582	25	0	100%	100%	Jun-23	100%	21.0	100%	100%
Austria	8 958 961	0.11	1	0	131	130	1	0	25	2	0	100%	83%	Jun-23	89%	0.3	95%	0%
Azerbaijan	10 412 652	0.10	1	0	3	3	0	0	99	1	0	100%	67%	Jun-23	100%	1.0	100%	100%
Belarus ⁷	9 498 238	0.00	0	-	28	28	0	0	214	0	0	100%	83%	Jun-23	100%	2.3	0%	0%
Belgium	11 686 140	1.46	17	0	27	18	4	5	-	-	0	100%	83%	Jun-23	-	-	-	-
Bosnia and Herzegovina	3 210 848	1.86	6	0	3	1	0	2	-	-	0	100%	100%	Jun-23	-	-	-	-
Bulgaria	6 687 717	0.15	1	0	0	0	0	0	-	-	-	100%	100%	Jun-23	-	-	-	-
Croatia	4 008 617	0.00	0	-	0	0	0	0	0	-	-	100%	67%	Jun-23	-	0.0	-	-
Cyprus	1 260 138	0.00	0	-	0	0	0	0	-	-	-	100%	67%	Jun-23	-	-	-	-
Czech Republic	10 495 295	0.00	0	-	0	0	0	0	-	-	-	100%	83%	Jun-23	-	-	-	-
Denmark	5 910 913	0.00	0	-	1	1	0	0	-	0	0	100%	83%	Jun-23	100%	-	0	0%
Estonia	1 322 766	0.00	0	-	3	3	0	0	118	3	0	100%	100%	Jun-23	100%	8.9	100%	100%
Finland	5 545 475	0.18	1	0	0	0	0	0	-	-	-	67%	50%	Apr-23	-	-	-	-
France	64 756 584	0.29	19	0	18	13	1	4	-	9	0	100%	100%	Jun-23	100%	-	100%	0%
Georgia	3 728 282	3.20	12	0	9	8	0	1	25	0	0	100%	83%	Jun-23	97%	0.7	100%	97%
Germany	83 294 633	0.18	15	0	22	20	0	2	-	5	0	100%	100%	Jun-23	91%	-	82%	0%
Greece	10 341 277	0.00	0	-	0	0	0	0	0	-	-	100%	83%	Jun-23	-	0.0	-	-
Hungary	10 156 239	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jun-23	-	0.0	-	-
Iceland	375 319	0.00	0	-	0	0	0	0	-	-	-	100%	83%	Jun-23	-	-	-	-
Ireland	5 056 935	0.40	2	0	1	0	0	1	-	0	0	100%	83%	Jun-23	0%	-	0%	0%
Israel	9 174 520	0.00	0	-	1	0	0	1	-	0	0	100%	67%	Jun-23	100%	-	0%	100%
Italy	58 870 763	0.34	20	0	7	4	0	3	18	2	0	83%	83%	May-23	92%	0.0	43%	0%
Kazakhstan	19 606 634	0.21	4	0	1916	1748	97	71	-	-	0	100%	83%	Jun-23	-	-	-	-
Kyrgyzstan ⁷	6 735 348	3.47	23	0	1000	542	239	219	417	5	0	100%	100%	Jun-23	73%	6.2	1%	92%
Latvia	1 830 212	0.00	0	-	1	1	0	0	-	1	0	100%	83%	Jun-23	100%	-	100%	100%
Lithuania	2 718 352	0.00	0	-	0	0	0	0	-	-	-	100%	67%	Jun-23	-	-	-	-
Luxembourg	654 768	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jun-23	-	0.0	-	-
Malta	535 065	0.00	0	-	0	0	0	0	-	-	-	100%	83%	Jun-23	-	-	-	-
Monaco	36 298	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jun-23	-	0.0	-	-
Montenegro	626 485	0.00	0	-	0	0	0	0	7	-	-	100%	100%	Jun-23	100%	1.1	-	86%
Netherlands (Kingdom of the)	17 618 299	0.34	6	0	0	0	0	0	-	-	-	100%	83%	Jun-23	-	-	-	-
North Macedonia	2 085 679	0.00	0	-	1	1	0	0	-	-	0	100%	83%	Jun-23	-	-	-	-
Norway	5 474 360	0.18	1	0	0	0	0	0	-	-	-	100%	100%	Jun-23	-	-	-	-
Poland	41 026 068	0.88	35	0	15	8	0	7	-	0	0	100%	83%	Jun-23	60%	-	100%	80%
Portugal	10 247 605	0.00	0	-	0	0	0	0	3	-	-	100%	100%	Jun-23	100%	0.0	-	0%
Republic of Moldova	3 435 931	0.00	0	-	1	1	0	0	73	1	0	100%	100%	Jun-23	100%	2.1	100%	100%
Romania	19 892 812	0.46	9	0	62	59	1	2	-	0	0	83%	50%	May-23	98%	-	0	76%
Russian Federation	144 444 359	0.81	117	0	2083	2037	38	8	3002	114	0	100%	100%	Jun-23	100%	2.1	100%	36%
San Marino	33 642	0.00	0	-	0	0	0	0	0	-	-	100%	83%	Jun-23	-	0.0	-	-
Serbia ⁷	7 149 077	0.00	0	-	48	47	1	0	136	0	0	100%	83%	Jun-23	100%	1.9	100%	99%
Slovakia	5 795 199	0.00	0	-	6	6	0	0	3	2	0	100%	100%	Jun-23	89%	0.1	100%	100%
Slovenia	2 119 675	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jun-23	-	-	-	-
Spain	47 519 628	0.02	1	0	3	3	0	0	24	1	0	100%	100%	Jun-23	85%	0.1	100%	85%
Sweden	10 612 086	0.38	4	0	4	4	0	0	-	2	0	100%	100%	Jun-23	100%	-	75%	75%
Switzerland	8 796 669	0.11	1	0	28	25	3	0	82	0	0	100%	100%	Jun-23	100%	0.9	0	36%
Tajikistan	10 143 543	45.31	451	0	437	392	45	0	17	436	0	100%	67%	Jun-23	100%	0.2	100%	100%
Türkiye ⁷	85 816 199	1.49	127	0	2901	2901	0	0	2970	43	0	100%	33%	Jun-23	100%	3.5	82%	99%
Turkmenistan ⁷	6 516 100	0.00	0	-	0	0	0	0	61	-	-	100%	100%	Jun-23	100%	0.9	-	100%
Ukraine	36 744 634	0.28	11	0	22	18	0	4	68	0	0	100%	100%	Jun-23	93%	0.2	86%	100%
United Kingdom	67 736 802	0.74	50	0	109	109	0	0	-	19	0	100%	67%	Jun-23	100%	-	90%	0%
Uzbekistan	35 163 944	0.23	8	0	103	102	0	1	109	12	0	100%	67%	Jun-23	100%	0.3	84%	98%
Region	931 558 283	1.01	944	0	9282	8515	436	331	8059	683	0	99%	85%		98%	1.5	77%	73%

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 and North Macedonia.

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 2023 (data as of 04 August 2023)

Country	Total Population in 2023 ¹	2022 (as of 04 August 2023)		2023												
		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	2 832 439	0.00	0	1	1	0	0	6	0	100%	83%	Jun-23	86%	0.2	100%	86%
Andorra	80 088	0.00	0	0	0	0	0	0	-	100%	50%	Jun-23	-	0.0	-	-
Armenia	2 777 971	0.00	0	0	0	0	0	0	-	100%	100%	Jun-23	-	0.0	-	-
Austria	8 958 961	0.00	0	0	0	0	0	-	-	100%	83%	Jun-23	-	-	-	-
Azerbaijan	10 412 652	0.39	4	0	0	0	0	22	-	100%	67%	Jun-23	100%	0.2	-	100%
Belarus ⁷	9 498 238	0.00	0	0	0	0	0	214	-	100%	83%	Jun-23	100%	2.3	-	0%
Belgium ⁸	11 686 140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 210 848	0.00	0	1	0	0	1	-	-	100%	100%	Jun-23	-	-	-	-
Bulgaria	6 687 717	0.00	0	0	0	0	0	-	-	100%	100%	Jun-23	-	-	-	-
Croatia	4 008 617	0.00	0	0	0	0	0	-	-	100%	67%	Jun-23	-	-	-	-
Cyprus	1 260 138	0.00	0	0	0	0	0	-	-	100%	67%	Jun-23	-	-	-	-
Czech Republic	10 495 295	0.00	0	0	0	0	0	-	-	100%	83%	Jun-23	-	-	-	-
Denmark ⁸	5 910 913	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 322 766	0.00	0	0	0	0	0	45	-	100%	100%	Jun-23	100%	3.4	-	100%
Finland	5 545 475	0.18	1	1	1	0	0	-	0	67%	50%	Apr-23	100%	-	0%	0%
France ⁸	64 756 584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 728 282	0.00	0	0	0	0	0	2	-	100%	100%	Jun-23	100%	0.1	-	100%
Germany	83 294 633	0.10	8	2	2	0	0	-	0	100%	83%	Jun-23	100%	-	100%	0%
Greece	10 341 277	0.00	0	0	0	0	0	-	-	100%	83%	Jun-23	-	-	-	-
Hungary	10 156 239	0.00	0	0	0	0	0	0	-	100%	83%	Jun-23	-	0.0	-	-
Iceland	375 319	0.00	0	0	0	0	0	-	-	100%	83%	Jun-23	-	-	-	-
Ireland	5 056 935	0.00	0	0	0	0	0	-	-	100%	100%	Jun-23	-	-	-	-
Israel	9 174 520	0.00	0	0	0	0	0	-	-	100%	67%	Jun-23	-	-	-	-
Italy	58 870 763	0.14	8	8	5	0	3	5	0	83%	83%	May-23	92%	0.0	63%	0%
Kazakhstan	19 606 634	0.00	0	4	3	1	0	-	-	100%	83%	Jun-23	-	-	-	-
Kyrgyzstan ⁷	6 735 348	0.30	2	9	9	0	0	417	1	100%	100%	Jun-23	76%	6.2	11%	95%
Latvia	1 830 212	0.54	1	0	0	0	0	-	-	100%	83%	Jun-23	-	-	-	-
Lithuania	2 718 352	0.36	1	0	0	0	0	-	-	100%	50%	Jun-23	-	-	-	-
Luxembourg	654 768	0.00	0	0	0	0	0	0	-	100%	100%	Jun-23	-	0.0	-	-
Malta	535 065	0.00	0	0	0	0	0	-	-	100%	83%	Jun-23	-	-	-	-
Monaco	36 298	0.00	0	0	0	0	0	0	-	100%	100%	Jun-23	-	0.0	-	-
Montenegro	626 485	0.00	0	0	0	0	0	0	-	100%	100%	Jun-23	-	0.0	-	-
Netherlands (Kingdom of the)	17 618 299	0.00	0	0	0	0	0	-	-	100%	83%	Jun-23	-	-	-	-
North Macedonia	2 085 679	0.00	0	0	0	0	0	-	-	100%	83%	Jun-23	-	-	-	-
Norway	5 474 360	0.00	0	0	0	0	0	-	-	100%	100%	Jun-23	-	-	-	-
Poland	41 026 068	3.81	152	134	3	0	131	-	-	100%	67%	Jun-23	-	-	-	-
Portugal	10 247 605	0.00	0	0	0	0	0	3	-	100%	100%	Jun-23	100%	0.0	-	0%
Republic of Moldova	3 435 931	0.00	0	0	0	0	0	0	-	100%	100%	Jun-23	-	0.0	-	-
Romania	19 892 812	0.00	0	0	0	0	0	-	-	83%	67%	May-23	-	-	-	-
Russian Federation	144 444 359	0.00	0	2	1	1	0	0	0	100%	100%	Jun-23	100%	0.0	100%	0%
San Marino	33 642	0.00	0	0	0	0	0	0	-	100%	83%	Jun-23	-	0.0	-	-
Serbia ⁷	7 149 077	-	-	0	0	0	0	136	-	100%	83%	Jun-23	97%	1.9	-	96%
Slovakia	5 795 199	0.00	0	0	0	0	0	0	-	100%	100%	Jun-23	-	0.0	-	-
Slovenia	2 119 675	0.00	0	0	0	0	0	-	-	100%	100%	Jun-23	-	-	-	-
Spain	47 519 628	0.00	0	0	0	0	0	2	-	100%	100%	Jun-23	100%	0.0	-	50%
Sweden	10 612 086	0.00	0	0	0	0	0	0	-	100%	100%	Jun-23	-	0.0	-	-
Switzerland	8 796 669	0.00	0	0	0	0	0	13	-	100%	100%	Jun-23	100%	0.1	-	15%
Tajikistan	10 143 543	0.00	0	7	7	0	0	0	7	100%	67%	Jun-23	100%	0.0	100%	100%
Türkiye ⁷	85 816 199	0.47	40	34	34	0	0	2970	0	100%	33%	Jun-23	100%	3.5	100%	99%
Turkmenistan ⁷	6 516 100	0.00	0	0	0	0	0	61	-	100%	100%	Jun-23	100%	0.9	-	100%
Ukraine	36 744 634	0.23	9	3	1	0	2	44	0	100%	100%	Jun-23	96%	0.1	67%	100%
United Kingdom	67 736 802	0.00	0	0	0	0	0	-	-	100%	67%	Jun-23	-	-	-	-
Uzbekistan	35 163 944	0.00	0	0	0	0	0	0	-	100%	67%	Jun-23	-	0.0	-	-
Region	931 558 283	0.24	226	206	67	2	137	3940	8	93%	80%		97%	0.8	81%	92%

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 2023 (data as of 04 August 2023)

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	9	3 (33)	-	-	1	1 (100)	-	-	100%	67%	Jun-23
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	830	89 (11)	B3,D8	98%	2408	0 (0)	-	-	83%	67%	Jun-23
Azerbaijan	100	3 (3)	-	-	37	0 (0)	-	-	100%	100%	Jun-23
Belarus	-	-	D8	100%	-	-	-	-	-	-	No report
Belgium	-	-	B3,D8	100%	-	-	-	-	-	-	No report
Bosnia and Herzegovina	16	1 (6)	-	-	12	0 (0)	-	-	67%	67%	Apr-23
Bulgaria	16	0 (0)	-	-	16	0 (0)	-	-	100%	83%	Jun-23
Croatia	4	0 (0)	-	-	0	-	-	-	83%	83%	May-23
Cyprus	40	0 (0)	-	-	63	0 (0)	-	-	100%	50%	Jun-23
Czech Republic	10	2 (20)	-	-	34	1 (3)	-	-	100%	100%	Jun-23
Denmark	309	15 (5)	B3	100%	31	6 (19)	-	-	100%	100%	Jun-23
Estonia	45	6 (13)	D8	100%	3	0 (0)	-	-	100%	100%	Jun-23
Finland	12	0 (0)	-	-	9	0 (0)	-	-	100%	100%	Jun-23
France	-	-	B3,D8	100%	-	-	-	-	-	-	No report
Georgia	28	8 (29)	-	-	26	0 (0)	-	-	83%	83%	May-23
Germany	172	46 (27)	B3,D8	94%	110	1 (1)	-	-	100%	83%	Jun-23
Greece	-	-	-	-	-	-	-	-	-	-	No report
Hungary	51	0 (0)	D8	100%	51	0 (0)	-	-	100%	100%	Jun-23
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	247	6 (2)	-	-	1242	6 (0)	-	-	100%	100%	Jun-23
Israel	135	10 (7)	-	-	325	137 (42)	-	-	100%	67%	Jun-23
Italy	112	17 (15)	D8	100%	15	0 (0)	-	-	100%	100%	Jun-23
Kazakhstan	2045	1678 (82)	B3,D8	73%	646	3 (0)	-	-	100%	100%	Jun-23
Kyrgyzstan	1301	619 (48)	-	-	972	10 (1)	-	-	100%	83%	Jun-23
Latvia	80	1 (1)	D8	100%	47	2 (4)	-	-	100%	100%	Jun-23
Lithuania	25	1 (4)	-	-	25	1 (4)	-	-	100%	100%	Jun-23
Luxembourg	29	0 (0)	-	-	0	-	-	-	100%	83%	Jun-23
Malta	18	1 (6)	-	-	469	6 (1)	-	-	100%	17%	Jun-23
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands (Kingdom of the)	10	0 (0)	D8	100%	2	0 (0)	-	-	83%	83%	May-23
North Macedonia	50	5 (10)	-	-	4	3 (75)	-	-	100%	17%	Jun-23
Norway	0	-	-	-	0	-	-	-	100%	100%	Jun-23
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	3	0 (0)	-	-	1	0 (0)	-	-	67%	67%	Apr-23
Republic of Moldova	72	1 (1)	-	-	72	0 (0)	-	-	83%	83%	May-23
Romania	343	245 (71)	D8	97%	86	1 (1)	-	-	100%	100%	Jun-23
Russian Federation	9369	5035 (54)	D8	50%	9069	91 (1)	-	-	100%	100%	Jun-23
San Marino											No lab
Serbia	178	54 (30)	B3	100%	232	1 (0)	-	-	100%	100%	Jun-23
Slovakia	31	10 (32)	-	-	16	0 (0)	-	-	100%	100%	Jun-23
Slovenia	36	2 (6)	D8	100%	15	0 (0)	-	-	100%	83%	Jun-23
Spain	-	-	D8	100%	-	-	-	-	-	-	No report
Sweden	686	26 (4)	B3,D8	100%	1046	10 (1)	-	-	100%	100%	Jun-23
Switzerland	108	40 (37)	B3,D8	100%	3	2 (67)	-	-	100%	100%	Jun-23
Tajikistan	291	191 (66)	-	-	268	0 (0)	-	-	50%	50%	Mar-23
Türkiye	-	-	-	-	-	-	-	-	-	-	No report
Turkmenistan	63	0 (0)	-	-	63	0 (0)	-	-	100%	100%	Jun-23
Ukraine	52	4 (8)	-	-	35	2 (6)	-	-	100%	100%	Jun-23
United Kingdom	411	35 (9)	B3,D8	94%	34	0 (0)	-	-	50%	50%	Mar-23
Uzbekistan	249	124 (50)	-	-	249	2 (1)	-	-	100%	83%	Jun-23
Region	17586	8278 (47)	-	83%	17737	286 (2)	-	-	71%	63%	

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: 1) 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.

2) Numbers provided for 'Total specimens tested' and 'Positive for measles' (or rubella) may not be consistent with 'Genotypes reported' due to differences in data sources and reporting timeframes.

Contact us: Vaccine-preventable Diseases and Immunization Programme, WHO Regional Office for Europe

Tel.: +45 45 33 70 00 E-mail: eumeasles@who.int and/or eucddata@who.int

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