

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 May 2023—April 2024 (data as of 29 May 2024)

Country	Total Population in 2023 ¹	Incidence Rate May 2023–April 2024 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	
Albania	2 832 439	13.42	38	0	0	0	0	0	0	0	0	18	16	2	2	Apr-24
Andorra	80 088	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Armenia	2 777 971	281.86	783	66	86	83	43	38	30	32	30	58	65	146	106	Apr-24
Austria	8 958 961	54.14	485	2	13	17	5	1	0	17	14	46	197	136	37	Apr-24
Azerbaijan	10 412 652	2865.55	29838	2	0	1	15	49	186	2126	11337	8114	4976	2069	963	Apr-24
Belarus	9 498 238	54.22	515	5	10	11	8	0	1	80	77	128	59	55	81	Apr-24
Belgium	11 686 140	17.63	206	7	8	1	5	2	1	32	6	13	18	37	76	Apr-24
Bosnia and Herzegovina	3 210 848	124.27	399	0	0	0	0	0	0	1	10	102	279	7	-	Mar-24
Bulgaria	6 687 717	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Mar-24
Croatia	4 008 617	2.00	8	0	0	0	0	0	2	1	0	1	0	1	3	Apr-24
Cyprus	1 260 138	18.25	23	0	0	0	0	0	0	0	0	1	2	16	4	Apr-24
Czechia	10 495 295	2.76	29	0	0	0	0	0	0	1	0	6	8	6	8	Apr-24
Denmark	5 910 913	3.72	22	0	0	1	6	0	0	1	0	3	3	5	3	Apr-24
Estonia	1 322 766	3.78	5	1	0	0	0	1	0	0	0	0	1	2	0	Apr-24
Finland	5 545 475	0.36	2	0	0	1	0	0	0	0	0	0	0	1	-	Mar-24
France	64 756 584	4.60	298	1	9	4	4	43	36	5	5	18	38	64	71	Apr-24
Georgia	3 728 282	35.41	132	1	1	5	2	5	9	1	8	36	21	21	22	Apr-24
Germany	83 294 633	2.08	173	7	3	8	12	4	12	12	7	37	44	27	-	Mar-24
Greece	10 341 277	2.32	24	0	0	0	0	0	0	0	0	5	13	4	2	Apr-24
Hungary	10 156 239	1.18	12	0	0	1	0	0	0	0	0	3	0	6	2	Apr-24
Iceland	375 319	2.66	1	0	0	0	0	0	0	0	0	0	1	0	-	Mar-24
Ireland	5 056 935	4.75	24	0	0	1	3	0	0	0	0	1	0	10	9	Apr-24
Israel	9 174 520	3.49	32	1	0	1	0	6	4	0	6	10	4	0	0	Apr-24
Italy	58 870 763	4.71	277	1	1	1	3	8	3	8	14	34	95	109	-	Mar-24
Kazakhstan	19 606 634	2016.87	39544	600	1047	965	1564	3303	4556	1373	1434	9510	7104	4683	3405	Apr-24
Kyrgyzstan	6 735 348	2394.23	16126	418	501	583	388	602	1290	1646	1687	2711	2627	2400	1273	Apr-24
Latvia	1 830 212	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Lithuania	2 718 352	9.20	25	0	0	0	0	0	2	1	1	9	2	6	4	Apr-24
Luxembourg	654 768	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Malta	535 065	5.61	3	0	0	0	0	0	0	0	0	1	1	1	0	Apr-24
Monaco	36 298	27.55	1	0	0	0	0	0	0	0	0	0	0	0	1	Apr-24
Montenegro	626 485	4.79	3	0	0	0	0	0	0	0	0	0	0	1	2	Apr-24
Netherlands (Kingdom of the)	17 618 299	4.26	75	0	0	2	1	0	3	1	0	1	12	43	12	Apr-24
North Macedonia	2 085 679	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Norway	5 474 360	0.55	3	0	0	0	2	0	0	0	0	0	0	1	-	Mar-24
Poland	41 026 068	3.58	147	9	2	0	3	0	1	7	4	6	12	44	59	Apr-24
Portugal	10 247 605	2.63	27	0	0	0	0	0	0	0	0	7	5	8	7	Apr-24
Republic of Moldova	3 435 931	14.84	51	1	0	0	0	0	0	1	1	1	4	25	18	Apr-24
Romania	19 892 812	450.67	8965	78	68	175	271	228	544	879	1193	1980	1565	1176	808	Apr-24
Russian Federation	144 444 359	143.93	20790	1424	1443	1439	1228	977	1108	1586	1594	2635	3151	3078	1127	Apr-24
San Marino	33 642	29.72	1	0	0	0	0	0	0	0	0	0	1	0	0	Apr-24
Serbia	7 149 077	11.47	82	0	0	1	0	0	0	0	0	3	27	23	28	Apr-24
Slovakia	5 795 199	0.17	1	0	0	0	0	0	0	0	0	0	1	0	-	Mar-24
Slovenia	2 119 675	4.72	10	0	0	0	0	0	0	1	0	0	2	7	0	Apr-24
Spain	47 519 628	0.97	46	1	0	0	1	4	2	2	1	9	11	7	8	Apr-24
Sweden	10 612 086	1.98	21	1	0	2	5	0	0	0	0	5	0	4	4	Apr-24
Switzerland	8 796 669	11.48	101	15	5	0	1	0	3	5	0	18	37	4	13	Apr-24
Tajikistan	10 143 543	2.27	23	2	6	11	4	0	0	0	0	0	0	0	0	Apr-24
Türkiye	85 816 199	48.84	4191	638	876	701	384	267	211	181	257	196	249	231	-	Mar-24
Turkmenistan	6 516 100	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Ukraine	36 744 634	2.18	80	3	4	9	10	5	4	5	9	9	5	9	8	Apr-24
United Kingdom	67 736 802	16.53	1120	33	22	12	5	8	16	29	81	269	282	223	140	Apr-24
Uzbekistan	35 163 944	57.47	2021	48	38	103	142	188	314	157	163	405	271	113	79	Apr-24
Region	931 558 283	136.10	126783	3365	4143	4139	4115	5739	8338	8191	17939	26409	21209	14811	8385	

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Some case counts are under-reported due to delay in reporting. Member States submitting aggregate data: Belgium and Kazakhstan.

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 and are presented as reported by Member States. For example, some countries do not report the date of onset and thus submitted information is presented as per month of reporting to WHO Europe, which means that some cases might have occurred in the previous months.

Table 2: Reported rubella cases for the period May 2023—April 2024 (data as of 29 May 2024)

Country	Total Population in 2023 ¹	Incidence Rate May 2023–April 2024 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	
Albania	2 832 439	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Andorra	80 088	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Armenia	2 777 971	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Austria	8 958 961	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Azerbaijan	10 412 652	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Belarus	9 498 238	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Belgium ²	11 686 140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 210 848	0.31	1	0	0	1	0	0	0	0	0	0	0	-	-	Feb-24
Bulgaria	6 687 717	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Mar-24
Croatia	4 008 617	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Cyprus	1 260 138	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Czechia	10 495 295	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Mar-24
Denmark ³	5 910 913	0.00	0	-	-	-	-	-	-	0	0	0	0	0	-	Mar-24
Estonia	1 322 766	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Finland	5 545 475	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Mar-24
France	64 756 584	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Georgia	3 728 282	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Germany	83 294 633	0.25	21	0	0	0	2	3	0	0	1	2	5	8	-	Mar-24
Greece	10 341 277	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Mar-24
Hungary	10 156 239	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Iceland	375 319	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Mar-24
Ireland	5 056 935	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Israel	9 174 520	0.11	1	0	0	0	0	0	0	1	0	0	0	0	0	Apr-24
Italy	58 870 763	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Mar-24
Kazakhstan	19 606 634	0.61	12	0	0	0	0	0	0	0	3	5	3	1	0	Apr-24
Kyrgyzstan	6 735 348	0.15	1	0	0	0	0	0	0	0	1	0	0	0	0	Apr-24
Latvia	1 830 212	1.09	2	0	0	0	0	0	0	0	0	2	0	0	0	Apr-24
Lithuania	2 718 352	0.37	1	0	0	1	0	0	0	0	0	0	0	0	0	Apr-24
Luxembourg	654 768	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Malta	535 065	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Monaco	36 298	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Montenegro	626 485	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Netherlands (Kingdom of the)	17 618 299	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
North Macedonia	2 085 679	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Norway	5 474 360	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Mar-24
Poland	41 026 068	6.78	278	22	27	20	26	20	19	18	27	15	22	34	28	Apr-24
Portugal	10 247 605	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Republic of Moldova	3 435 931	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Romania	19 892 812	0.05	1	0	0	1	0	0	0	0	0	0	0	-	-	Feb-24
Russian Federation	144 444 359	0.06	8	0	0	0	0	1	2	0	0	0	2	2	1	Apr-24
San Marino	33 642	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Serbia	7 149 077	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Slovakia	5 795 199	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Mar-24
Slovenia	2 119 675	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Spain	47 519 628	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Sweden	10 612 086	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Switzerland	8 796 669	0.11	1	0	0	0	0	0	0	0	0	0	0	1	0	Apr-24
Tajikistan	10 143 543	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Türkiye	85 816 199	0.27	23	1	5	6	1	0	3	2	0	2	3	0	-	Mar-24
Turkmenistan	6 516 100	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Ukraine	36 744 634	0.30	11	0	2	0	1	2	1	2	1	0	1	1	0	Apr-24
United Kingdom	67 736 802	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Uzbekistan	35 163 944	0.06	2	2	0	0	0	0	0	0	0	0	0	0	0	Apr-24
Region	931 558 283	0.39	363	25	34	29	30	26	25	23	33	26	36	47	29	

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Some case counts are under-reported due to delay in reporting. Member States submitting aggregate data: Kazakhstan 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.

³ Comprehensive rubella surveillance system for all ages became effective since 1 November 2023.

Table 3: Measles classification, reporting and surveillance performance, January—April 2024 (data as of 29 May 2024)

Country	Total Population in 2023 ¹	2023 (as of 29 May 2024)			2024													
		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	1.06	3	0	38	35	3	0	140	0	0	100%	100%	Apr-24	100%	4.9	100%	99%
Andorra	80 088	0.00	0	-	0	0	0	0	0	-	-	100%	50%	Apr-24	-	0.0	-	-
Armenia	2 777 971	199.79	555	1	375	375	0	0	481	17	0	100%	100%	Apr-24	100%	17.3	100%	100%
Austria	8 958 961	20.98	188	0	416	416	0	0	0	17	0	100%	100%	Apr-24	100%	0.0	100%	89%
Azerbaijan	10 412 652	1318.40	13728	0	16122	756	6175	9191	458	154	0	100%	25%	Apr-24	2%	4.4	81%	90%
Belarus ⁷	9 498 238	21.69	206	0	323	317	1	5	273	0	0	100%	75%	Apr-24	100%	2.9	0%	0%
Belgium	11 686 140	5.82	68	0	144	88	25	31	-	-	0	100%	100%	Apr-24	-	-	-	-
Bosnia and Herzegovina	3 210 848	4.05	13	0	388	87	3	298	14	0	0	50%	0%	Mar-24	25%	0.4	6%	30%
Bulgaria	6 687 717	0.00	0	-	0	0	0	0	-	-	-	75%	75%	Mar-24	-	-	-	-
Croatia	4 008 617	0.75	3	0	5	5	0	0	0	4	0	100%	100%	Apr-24	100%	0.0	80%	0%
Cyprus	1 260 138	0.00	0	-	23	22	1	0	-	2	0	100%	100%	Apr-24	100%	-	100%	26%
Czechia	10 495 295	0.10	1	0	28	23	5	0	-	6	0	75%	50%	Apr-24	100%	-	100%	0%
Denmark	5 910 913	1.52	9	0	14	14	0	0	-	3	0	100%	100%	Apr-24	100%	-	71%	0%
Estonia	1 322 766	3.02	4	0	3	3	0	0	163	1	0	100%	100%	Apr-24	100%	12.3	100%	100%
Finland	5 545 475	0.18	1	0	1	1	0	0	-	0	0	75%	75%	Mar-24	100%	-	0	0%
France	64 756 584	1.81	117	0	191	165	12	14	-	38	0	100%	100%	Apr-24	97%	-	99%	0%
Georgia	3 728 282	10.46	39	0	100	90	2	8	100	8	0	100%	100%	Apr-24	95%	2.7	76%	98%
Germany	83 294 633	0.96	80	0	108	102	5	1	-	32	0	75%	75%	Mar-24	99%	-	82%	0%
Greece	10 341 277	0.00	0	-	24	23	0	1	0	7	0	100%	100%	Apr-24	96%	0.0	100%	0%
Hungary	10 156 239	0.10	1	0	11	11	0	0	4	6	0	100%	100%	Apr-24	100%	0.0	100%	87%
Iceland	375 319	0.00	0	-	1	1	0	0	-	1	0	75%	75%	Mar-24	100%	-	100%	100%
Ireland	5 056 935	0.79	4	0	20	19	0	1	-	6	1	100%	100%	Apr-24	95%	-	70%	55%
Israel	9 174 520	1.96	18	0	14	12	2	0	-	5	0	100%	100%	Apr-24	100%	-	86%	100%
Italy	58 870 763	0.75	44	0	238	216	5	17	45	22	0	75%	50%	Mar-24	95%	0.1	88%	0%
Kazakhstan	19 606 634	770.71	15111	0	24702	23859	361	482	-	-	0	100%	75%	Apr-24	-	-	-	-
Kyrgyzstan ⁷	6 735 348	1108.03	7463	9	9011	1524	3504	3983	367	0	3	100%	100%	Apr-24	29%	5.4	0	95%
Latvia	1 830 212	0.55	1	0	0	0	0	0	-	-	-	100%	75%	Apr-24	-	-	-	-
Lithuania	2 718 352	1.47	4	0	21	21	0	0	-	3	0	100%	100%	Apr-24	100%	-	100%	100%
Luxembourg	654 768	0.00	0	-	0	0	0	0	5	-	-	100%	100%	Apr-24	100%	0.8	-	100%
Malta	535 065	0.00	0	-	3	3	0	0	-	0	0	100%	75%	Apr-24	100%	-	0	0%
Monaco	36 298	0.00	0	-	1	1	0	0	0	0	0	100%	75%	Apr-24	100%	0.0	0	0%
Montenegro	626 485	0.00	0	-	3	3	0	0	5	2	0	100%	100%	Apr-24	100%	0.8	67%	100%
Netherlands (Kingdom of the)	17 618 299	0.40	7	0	68	39	29	0	-	4	0	100%	100%	Apr-24	100%	-	100%	0%
North Macedonia	2 085 679	0.48	1	0	0	0	0	0	0	-	-	100%	75%	Apr-24	-	0.0	-	-
Norway	5 474 360	0.37	2	0	1	1	0	0	-	0	0	75%	50%	Mar-24	100%	-	100%	100%
Poland	41 026 068	0.76	31	0	121	93	14	14	-	8	0	100%	100%	Apr-24	90%	-	88%	80%
Portugal	10 247 605	0.10	1	0	27	27	0	0	143	8	0	100%	100%	Apr-24	100%	1.4	52%	98%
Republic of Moldova	3 435 931	0.87	3	0	48	45	1	2	25	6	0	100%	100%	Apr-24	100%	0.7	88%	92%
Romania	19 892 812	180.77	3596	3	5529	4020	1507	2	-	7	3	100%	100%	Apr-24	100%	-	100%	42%
Russian Federation	144 444 359	89.55	12935	0	9991	9877	50	64	2452	181	3	100%	100%	Apr-24	100%	1.7	100%	53%
San Marino	33 642	0.00	0	-	1	1	0	0	0	1	0	100%	100%	Apr-24	100%	0.0	100%	100%
Serbia ⁷	7 149 077	7.27	52	0	81	68	11	2	125	0	0	100%	100%	Apr-24	99%	1.7	88%	100%
Slovakia	5 795 199	1.04	6	0	1	1	0	0	2	0	0	75%	50%	Mar-24	100%	0.0	100%	100%
Slovenia	2 119 675	0.47	1	0	9	8	1	0	-	3	0	100%	100%	Apr-24	100%	-	89%	100%
Spain	47 519 628	0.27	13	0	35	34	1	0	22	13	0	100%	100%	Apr-24	100%	0.0	86%	89%
Sweden	10 612 086	1.04	11	0	13	13	0	0	-	8	0	100%	100%	Apr-24	100%	-	77%	0%
Switzerland	8 796 669	4.32	38	0	72	69	1	2	312	11	0	100%	100%	Apr-24	100%	3.5	94%	17%
Tajikistan	10 143 543	28.98	294	0	0	0	0	0	82	-	-	100%	50%	Apr-24	100%	0.8	-	17%
Türkiye ⁷	85 816 199	58.31	5004	0	676	673	0	3	2035	20	0	75%	0%	Mar-24	100%	2.4	89%	99%
Turkmenistan ⁷	6 516 100	0.00	0	-	0	0	0	0	45	-	-	100%	100%	Apr-24	100%	0.7	-	100%
Ukraine	36 744 634	1.80	66	0	31	30	0	1	133	5	0	100%	100%	Apr-24	100%	0.4	100%	99%
United Kingdom	67 736 802	3.97	269	0	914	914	0	0	-	44	0	100%	25%	Apr-24	100%	-	47%	0%
Uzbekistan	35 163 944	33.90	1192	0	868	835	0	33	269	0	0	100%	75%	Apr-24	100%	0.8	96%	100%
Region	931 558 283	65.68	61183	13	70814	44940	11719	14155	7700	653	10	95%	83%		65%	1.4	71%	73%

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Some case counts are under-reported due to delay in reporting. Member States submitting aggregate data: Belgium and Kazakhstan.

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—April 2024 (data as of 29 May 2024)

Country	Total Population in 2023 ¹	2023 (as of 29 May 2024)		2024												
		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	0.35	1	0	0	0	0	140	-	100%	100%	Apr-24	100%	4.9	-	99%
Andorra	80 088	0.00	0	0	0	0	0	0	-	100%	50%	Apr-24	-	0.0	-	-
Armenia	2 777 971	0.00	0	0	0	0	0	481	-	100%	100%	Apr-24	100%	17.3	-	100%
Austria	8 958 961	0.00	0	0	0	0	0	-	-	100%	100%	Apr-24	-	-	-	-
Azerbaijan	10 412 652	0.00	0	0	0	0	0	1	-	100%	25%	Apr-24	100%	0.0	-	100%
Belarus ⁷	9 498 238	0.00	0	0	0	0	0	273	-	100%	75%	Apr-24	100%	2.9	-	0%
Belgium ⁸	11 686 140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 210 848	0.62	2	0	0	0	0	0	-	50%	0%	Feb-24	-	0.0	-	-
Bulgaria	6 687 717	0.00	0	0	0	0	0	-	-	75%	75%	Mar-24	-	-	-	-
Croatia	4 008 617	0.00	0	0	0	0	0	-	-	100%	100%	Apr-24	-	-	-	-
Cyprus	1 260 138	0.00	0	0	0	0	0	-	-	100%	100%	Apr-24	-	-	-	-
Czechia	10 495 295	0.00	0	0	0	0	0	-	-	75%	25%	Mar-24	-	-	-	-
Denmark ⁹	5 910 913	0.00	0	0	0	0	0	-	-	75%	75%	Mar-24	-	-	-	-
Estonia	1 322 766	0.00	0	0	0	0	0	46	-	100%	100%	Apr-24	100%	3.5	-	100%
Finland	5 545 475	0.18	1	0	0	0	0	-	-	75%	50%	Mar-24	-	-	-	-
France	64 756 584	0.00	0	0	0	0	0	-	-	100%	100%	Apr-24	-	-	-	-
Georgia	3 728 282	0.00	0	0	0	0	0	99	-	100%	100%	Apr-24	100%	2.7	-	96%
Germany	83 294 633	0.10	8	15	4	0	11	-	0	75%	75%	Mar-24	27%	-	40%	0%
Greece	10 341 277	0.00	0	0	0	0	0	-	-	75%	50%	Mar-24	-	-	-	-
Hungary	10 156 239	0.00	0	0	0	0	0	0	-	100%	100%	Apr-24	-	0.0	-	-
Iceland	375 319	0.00	0	0	0	0	0	-	-	75%	50%	Mar-24	-	-	-	-
Ireland	5 056 935	0.00	0	0	0	0	0	-	-	100%	75%	Apr-24	-	-	-	-
Israel	9 174 520	0.11	1	0	0	0	0	-	-	100%	100%	Apr-24	-	-	-	-
Italy	58 870 763	0.03	2	0	0	0	0	10	-	75%	50%	Mar-24	100%	0.0	-	0%
Kazakhstan	19 606 634	0.36	7	9	9	0	0	-	-	100%	75%	Apr-24	-	-	-	-
Kyrgyzstan ⁷	6 735 348	1.63	11	0	0	0	0	367	-	100%	100%	Apr-24	32%	5.4	-	91%
Latvia	1 830 212	0.00	0	2	2	0	0	-	0	100%	75%	Apr-24	100%	-	100%	100%
Lithuania	2 718 352	0.37	1	0	0	0	0	-	-	100%	75%	Apr-24	-	-	-	-
Luxembourg	654 768	0.00	0	0	0	0	0	0	-	100%	75%	Apr-24	-	0.0	-	-
Malta	535 065	0.00	0	0	0	0	0	-	-	100%	75%	Apr-24	-	-	-	-
Monaco	36 298	0.00	0	0	0	0	0	0	-	100%	75%	Apr-24	-	0.0	-	-
Montenegro	626 485	0.00	0	0	0	0	0	0	-	100%	100%	Apr-24	-	0.0	-	-
Netherlands (Kingdom of the)	17 618 299	0.00	0	0	0	0	0	-	-	100%	100%	Apr-24	-	-	-	-
North Macedonia	2 085 679	0.00	0	0	0	0	0	0	-	100%	75%	Apr-24	-	0.0	-	-
Norway	5 474 360	0.00	0	0	0	0	0	-	-	75%	50%	Mar-24	-	-	-	-
Poland	41 026 068	6.41	263	99	1	0	98	-	-	100%	100%	Apr-24	-	-	-	-
Portugal	10 247 605	0.00	0	0	0	0	0	0	-	100%	100%	Apr-24	-	0.0	-	-
Republic of Moldova	3 435 931	0.00	0	0	0	0	0	25	-	100%	100%	Apr-24	100%	0.7	-	100%
Romania	19 892 812	0.05	1	0	0	0	0	-	-	50%	25%	Feb-24	-	-	-	-
Russian Federation	144 444 359	0.02	3	5	5	0	0	0	0	100%	100%	Apr-24	100%	0.0	100%	60%
San Marino	33 642	0.00	0	0	0	0	0	0	-	100%	100%	Apr-24	-	0.0	-	-
Serbia ⁷	7 149 077	-	-	0	0	0	0	125	-	100%	100%	Apr-24	100%	1.7	-	99%
Slovakia	5 795 199	0.00	0	0	0	0	0	0	-	75%	50%	Mar-24	-	0.0	-	-
Slovenia	2 119 675	0.00	0	0	0	0	0	-	-	100%	100%	Apr-24	-	-	-	-
Spain	47 519 628	0.00	0	0	0	0	0	0	-	100%	100%	Apr-24	-	0.0	-	-
Sweden	10 612 086	0.00	0	0	0	0	0	0	-	100%	100%	Apr-24	-	0.0	-	-
Switzerland	8 796 669	0.00	0	1	0	0	1	14	0	100%	100%	Apr-24	100%	0.2	0%	53%
Tajikistan	10 143 543	0.00	0	0	0	0	0	78	-	100%	50%	Apr-24	100%	0.8	-	94%
Türkiye ⁷	85 816 199	0.23	20	5	5	0	0	2035	0	75%	0%	Mar-24	100%	2.4	80%	99%
Turkmenistan ⁷	6 516 100	0.00	0	0	0	0	0	45	-	100%	100%	Apr-24	100%	0.7	-	100%
Ukraine	36 744 634	0.30	11	2	1	0	1	120	0	100%	100%	Apr-24	100%	0.3	100%	100%
United Kingdom	67 736 802	0.00	0	0	0	0	0	-	-	100%	25%	Apr-24	-	-	-	-
Uzbekistan	35 163 944	0.06	2	0	0	0	0	269	-	100%	75%	Apr-24	100%	0.8	-	100%
Region	931 558 283	0.36	334	138	27	0	111	4128	0	91%	75%		94%	0.8	63%	91%

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Some case counts are under-reported due to delay in reporting. Member States submitting aggregate data: Kazakhstan 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.

⁹ Comprehensive rubella surveillance system for all ages became effective since 1 November 2023.

Table 5: Measles and rubella laboratory test results, January—April 2024 (data as of 29 May 2024)

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	181	35 (19)	-	-	0	-	-	-	100%	75%	Apr-24
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	1192	317 (27)	B3,D8	97%	1489	0 (0)	-	-	75%	75%	Mar-24
Azerbaijan	144	107 (74)	-	-	3	0 (0)	-	-	100%	100%	Apr-24
Belarus	-	-	-	-	-	-	-	-	-	-	No report
Belgium	292	101 (35)	-	-	32	1 (3)	-	-	100%	25%	Apr-24
Bosnia and Herzegovina	170	108 (64)	D8	100%	53	2 (4)	-	-	100%	100%	Apr-24
Bulgaria	58	3 (5)	-	-	45	0 (0)	-	-	100%	75%	Apr-24
Croatia	2	2 (100)	D8	100%	0	-	-	-	25%	25%	Jan-24
Cyprus	73	17 (23)	-	-	77	0 (0)	-	-	100%	100%	Apr-24
Czechia	93	30 (32)	B3,D8	100%	102	1 (1)	-	-	100%	100%	Apr-24
Denmark	332	53 (16)	D8	100%	12	1 (8)	-	-	100%	100%	Apr-24
Estonia	129	12 (9)	-	-	3	0 (0)	-	-	100%	100%	Apr-24
Finland	7	2 (29)	-	-	3	0 (0)	-	-	75%	75%	Mar-24
France	-	-	B3,D8	95%	-	-	-	-	-	-	No report
Georgia	122	40 (33)	B3,D8	90%	75	0 (0)	-	-	75%	0%	Mar-24
Germany	553	230 (42)	B3,D8	71%	271	3 (1)	-	-	100%	50%	Apr-24
Greece	41	30 (73)	B3,D8	90%	0	-	-	-	75%	75%	Mar-24
Hungary	188	61 (32)	D8	80%	190	0 (0)	-	-	100%	100%	Apr-24
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	2375	392 (17)	B3,D8	100%	959	224 (23)	-	-	100%	100%	Apr-24
Israel	241	53 (22)	B3,D8	71%	346	49 (14)	-	-	75%	75%	Mar-24
Italy	441	261 (59)	B3,D8	16%	6	0 (0)	-	-	75%	75%	Mar-24
Kazakhstan	30715	23132 (75)	D8	0%	17	12 (71)	-	-	100%	0%	Apr-24
Kyrgyzstan	5571	1908 (34)	-	-	2170	0 (0)	-	-	100%	75%	Apr-24
Latvia	276	0 (0)	-	-	234	7 (3)	-	-	100%	100%	Apr-24
Lithuania	150	37 (25)	-	-	150	3 (2)	-	-	100%	100%	Apr-24
Luxembourg	-	-	-	-	-	-	-	-	-	-	No report
Malta	17	9 (53)	-	-	100	0 (0)	-	-	50%	50%	Feb-24
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands (Kingdom of the)	102	31 (30)	D8	73%	16	0 (0)	-	-	100%	100%	Apr-24
North Macedonia	16	1 (6)	-	-	0	-	-	-	100%	100%	Apr-24
Norway	3	2 (67)	B3	100%	0	-	-	-	100%	100%	Apr-24
Poland	495	243 (49)	-	-	436	4 (1)	-	-	100%	0%	Apr-24
Portugal	464	40 (9)	B3,D8	100%	0	-	-	-	100%	100%	Apr-24
Republic of Moldova	75	47 (63)	-	-	34	0 (0)	-	-	100%	100%	Apr-24
Romania	10449	8725 (84)	B3,D8	93%	1429	0 (0)	-	-	100%	100%	Apr-24
Russian Federation	19812	14956 (75)	D8	0%	19411	108 (1)	-	-	100%	100%	Apr-24
San Marino											No lab
Serbia	245	77 (31)	-	-	245	0 (0)	-	-	100%	100%	Apr-24
Slovakia	18	2 (11)	-	-	5	0 (0)	-	-	100%	75%	Apr-24
Slovenia	73	17 (23)	D8	83%	17	0 (0)	-	-	100%	100%	Apr-24
Spain	-	-	B3,D8	100%	-	-	-	-	-	-	No report
Sweden	348	33 (9)	B3,D8	100%	587	3 (1)	-	-	100%	100%	Apr-24
Switzerland	445	108 (24)	B3,D8	98%	2	2 (100)	-	-	100%	100%	Apr-24
Tajikistan	84	0 (0)	-	-	83	0 (0)	-	-	100%	100%	Apr-24
Türkiye	928	74 (8)	-	-	757	9 (1)	-	-	25%	25%	Jan-24
Turkmenistan	42	0 (0)	-	-	42	0 (0)	-	-	100%	100%	Apr-24
Ukraine	66	15 (23)	-	-	41	0 (0)	-	-	100%	100%	Apr-24
United Kingdom	7625	2056 (27)	B3,D8	95%	85	7 (8)	-	-	100%	100%	Apr-24
Uzbekistan	1178	870 (74)	-	-	1178	2 (0)	-	-	100%	25%	Apr-24
Region	85831	54237 (63)	-	89%	30705	438 (1)	-	-	75%	64%	

¹ Data source: Monthly aggregated or specimen-based data reported to WHO/Europe.

² MeaNS: <https://who-gmrln.org/means2>. 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.