

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 2023—July 2024 (data as of 05 September 2024)

Country	Total Population in 2024 ¹	Incidence Rate August 2023–July 2024 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	
Albania	2 791 765	15.76	44	0	0	0	0	0	18	16	2	2	2	1	3	Jul-24
Andorra	81 938	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Armenia	2 973 841	239.08	711	43	38	30	32	30	57	65	146	115	57	62	36	Jul-24
Austria	9 120 813	57.34	523	5	1	0	17	14	46	197	136	42	24	19	22	Jul-24
Azerbaijan	10 336 578	2939.85	30388	15	49	186	2126	11337	8105	4975	2069	970	380	133	43	Jul-24
Belarus	9 056 696	70.11	635	8	0	1	80	77	128	59	55	95	70	62	-	Jun-24
Belgium	11 738 764	49.07	576	5	2	1	32	6	12	16	36	64	120	190	92	Jul-24
Bosnia and Herzegovina	3 164 253	524.61	1660	0	0	0	1	10	102	284	628	163	316	92	64	Jul-24
Bulgaria	6 757 689	2.81	19	0	0	0	0	0	0	0	1	0	1	14	3	Jul-24
Croatia	3 875 325	7.23	28	0	0	2	1	0	1	0	1	3	12	7	1	Jul-24
Cyprus	1 358 282	17.67	24	0	0	0	0	0	1	2	16	4	1	0	-	Jun-24
Czechia	10 735 859	2.98	32	0	0	0	1	0	6	8	6	8	2	0	1	Jul-24
Denmark	5 977 412	4.85	29	6	0	0	1	0	3	3	5	4	5	0	2	Jul-24
Estonia	1 360 546	2.94	4	0	1	0	0	0	0	1	2	0	0	0	0	Jul-24
Finland	5 617 311	0.18	1	0	0	0	0	0	0	1	0	0	0	0	0	Jul-24
France	66 548 531	7.20	479	4	43	36	5	5	19	38	70	77	90	46	46	Jul-24
Georgia	3 807 670	49.11	187	2	5	9	1	8	36	21	21	22	18	28	16	Jul-24
Germany	84 552 242	5.23	442	12	4	12	12	7	37	47	37	81	61	54	78	Jul-24
Greece	10 047 817	2.79	28	0	0	0	0	0	5	13	4	3	2	1	-	Jun-24
Hungary	9 676 135	1.55	15	0	0	0	0	0	3	0	6	2	4	0	-	Jun-24
Iceland	393 396	5.08	2	0	0	0	0	0	0	1	0	1	0	0	-	Jun-24
Ireland	5 255 018	17.70	93	3	0	0	0	0	1	0	10	11	33	23	12	Jul-24
Israel	9 387 021	3.94	37	0	6	4	0	6	10	11	0	0	0	0	0	Jul-24
Italy	59 342 867	14.24	845	3	8	3	8	14	34	96	125	180	131	152	91	Jul-24
Kazakhstan	20 592 571	1941.96	39990	1564	3303	4556	1373	1434	9510	7104	4683	3405	1671	957	430	Jul-24
Kyrgyzstan	7 186 009	2532.70	18200	388	602	1290	1646	1687	2711	2637	2400	1584	1500	1225	530	Jul-24
Latvia	1 871 872	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Lithuania	2 859 110	9.79	28	0	0	2	1	1	9	2	6	4	3	0	0	Jul-24
Luxembourg	673 036	1.49	1	0	0	0	0	0	0	0	0	0	0	0	1	Jul-24
Malta	539 607	5.56	3	0	0	0	0	0	1	1	1	0	0	0	-	Jun-24
Monaco	38 631	51.77	2	0	0	0	0	0	0	0	1	1	0	0	0	Jul-24
Montenegro	638 479	18.79	12	0	0	0	0	0	0	0	1	2	3	2	4	Jul-24
Netherlands (Kingdom of the)	18 228 742	8.45	154	1	0	3	1	0	1	12	44	18	13	40	21	Jul-24
North Macedonia	1 823 009	0.55	1	0	0	0	0	0	0	0	0	0	1	0	0	Jul-24
Norway	5 576 660	2.15	12	2	0	0	0	0	0	0	1	1	2	3	3	Jul-24
Poland	38 539 201	6.75	260	3	0	1	7	4	6	12	44	79	62	25	17	Jul-24
Portugal	10 425 293	3.36	35	0	0	0	0	0	7	5	8	8	2	1	4	Jul-24
Republic of Moldova	3 034 961	48.44	147	0	0	0	1	1	1	4	25	19	28	63	5	Jul-24
Romania	19 015 088	742.31	14115	271	228	544	879	971	1999	1859	2140	1756	1775	1281	412	Jul-24
Russian Federation	144 820 423	146.57	21227	1228	977	1108	1586	1617	2822	3354	3546	2460	1467	810	252	Jul-24
San Marino	33 581	59.56	2	0	0	0	0	0	0	1	0	0	0	1	0	Jul-24
Serbia	6 736 216	38.15	257	0	0	0	0	0	3	27	23	31	33	67	73	Jul-24
Slovakia	5 506 760	0.18	1	0	0	0	0	0	0	1	0	0	0	0	-	Jun-24
Slovenia	2 118 697	7.55	16	0	0	0	1	0	0	2	7	0	4	2	-	Jun-24
Spain	47 910 527	3.90	187	1	4	2	2	1	9	11	7	19	45	69	17	Jul-24
Sweden	10 606 999	2.64	28	5	0	0	0	0	5	0	4	4	2	6	2	Jul-24
Switzerland	8 921 981	11.21	100	1	0	3	5	0	18	37	4	14	12	3	3	Jul-24
Tajikistan	10 590 928	0.38	4	4	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Türkiye	87 473 805	30.83	2697	384	267	211	181	257	196	249	263	214	198	179	98	Jul-24
Turkmenistan	7 494 499	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Ukraine	37 860 222	4.86	184	10	5	4	5	9	9	5	9	13	38	37	40	Jul-24
United Kingdom	69 138 192	34.87	2411	5	8	16	29	43	276	276	333	399	396	312	318	Jul-24
Uzbekistan	36 361 859	62.21	2262	142	188	314	157	162	402	269	113	79	69	300	67	Jul-24
Region	940 574 715	147.93	139138	4115	5739	8338	8191	17701	26609	21722	17039	11957	8653	6267	2807	

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 2024 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 August 2023—July 2024 (data as of 05 September 2024)

Country	Total Population in 2024 ¹	Incidence Rate August 2023–July 2024 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	
Albania	2 791 765	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Andorra	81 938	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Armenia	2 973 841	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Austria	9 120 813	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Azerbaijan	10 336 578	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Belarus	9 056 696	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-24
Belgium ²	11 738 764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 164 253	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Bulgaria	6 757 689	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Croatia	3 875 325	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	May-24
Cyprus	1 358 282	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-24
Czechia	10 735 859	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-24
Denmark ³	5 977 412	0.00	0	-	-	-	0	0	0	0	0	0	0	0	0	Jul-24
Estonia	1 360 546	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Finland	5 617 311	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
France	66 548 531	0.02	1	0	0	0	0	0	0	0	0	1	0	0	0	Jul-24
Georgia	3 807 670	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Germany	84 552 242	0.34	29	2	3	0	0	1	2	5	8	6	1	0	1	Jul-24
Greece	10 047 817	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-24
Hungary	9 676 135	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-24
Iceland	393 396	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-24
Ireland	5 255 018	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Israel	9 387 021	0.21	2	0	0	0	1	0	0	1	0	0	0	0	0	Jul-24
Italy	59 342 867	0.03	2	0	0	0	0	0	0	0	0	2	0	0	0	Jul-24
Kazakhstan	20 592 571	0.68	14	0	0	0	0	3	5	3	1	0	0	2	0	Jul-24
Kyrgyzstan	7 186 009	0.14	1	0	0	0	0	1	0	0	0	0	0	0	0	Jul-24
Latvia	1 871 872	1.07	2	0	0	0	0	0	2	0	0	0	0	0	0	Jul-24
Lithuania	2 859 110	0.35	1	0	0	0	0	0	0	0	0	0	1	0	0	Jul-24
Luxembourg	673 036	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Malta	539 607	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Monaco	38 631	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Montenegro	638 479	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Netherlands (Kingdom of the)	18 228 742	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
North Macedonia	1 823 009	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Norway	5 576 660	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Poland	38 539 201	6.85	264	26	20	19	18	27	13	22	34	28	27	19	11	Jul-24
Portugal	10 425 293	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Republic of Moldova	3 034 961	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Romania	19 015 088	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Russian Federation	144 820 423	0.59	85	0	1	2	0	0	0	2	3	28	26	11	12	Jul-24
San Marino	33 581	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Serbia	6 736 216	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Slovakia	5 506 760	0.18	1	0	0	0	0	0	1	0	0	0	0	0	-	Jun-24
Slovenia	2 118 697	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-24
Spain	47 910 527	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Sweden	10 606 999	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Jun-24
Switzerland	8 921 981	0.34	3	0	0	0	0	0	0	0	1	0	0	1	1	Jul-24
Tajikistan	10 590 928	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Türkiye	87 473 805	0.22	19	1	0	3	2	0	2	3	2	2	2	2	0	Jul-24
Turkmenistan	7 494 499	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Ukraine	37 860 222	0.37	14	1	2	1	2	1	0	1	1	1	3	0	1	Jul-24
United Kingdom	69 138 192	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Uzbekistan	36 361 859	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jul-24
Region	940 574 715	0.47	438	30	26	25	23	33	25	37	50	68	60	35	26	

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 2024 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—July 2024 (data as of 05 September 2024)

Country	Total Population in 2024 ¹	2023 (as of 05 September 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	2 791 765	1.07	3	0	44	41	3	0	145	0	0	100%	100%	Jul-24	100%	5.2	100%	99%
Andorra	81 938	0.00	0	-	0	0	0	0	0	-	-	100%	57%	Jul-24	-	0.0	-	-
Armenia	2 973 841	188.56	555	1	538	538	0	0	987	27	0	100%	100%	Jul-24	100%	33.2	100%	100%
Austria	9 120 813	20.59	188	0	486	486	0	0	0	41	0	100%	100%	Jul-24	100%	0.0	100%	90%
Azerbaijan	10 336 578	1330.46	13728	0	16675	709	4247	11719	479	167	0	100%	57%	Jul-24	1%	4.6	82%	90%
Belarus ⁷	9 056 696	22.60	206	0	469	462	2	5	357	0	0	86%	71%	Jun-24	100%	3.9	0%	0%
Belgium	11 738 764	5.81	68	0	530	341	93	96	-	-	0	100%	100%	Jul-24	-	-	-	-
Bosnia and Herzegovina	3 164 253	4.08	13	0	1649	187	129	1333	18	0	0	100%	0%	Jul-24	21%	0.6	17%	36%
Bulgaria	6 757 689	0.00	0	-	19	19	0	0	-	2	0	100%	86%	Jul-24	100%	-	74%	100%
Croatia	3 875 325	0.77	3	0	25	24	1	0	-	11	0	86%	71%	Jul-24	100%	-	68%	0%
Cyprus	1 358 282	0.00	0	-	24	23	1	0	-	2	0	86%	86%	Jun-24	100%	-	100%	29%
Czechia	10 735 859	0.09	1	0	31	29	2	0	-	7	0	86%	29%	Jul-24	100%	-	94%	61%
Denmark	5 977 412	1.51	9	0	22	21	1	0	-	5	0	100%	100%	Jul-24	100%	-	91%	0%
Estonia	1 360 546	2.93	4	0	3	3	0	0	283	1	0	100%	100%	Jul-24	100%	20.8	100%	100%
Finland	5 617 311	0.18	1	0	1	1	0	0	-	1	0	100%	71%	Jul-24	100%	-	100%	0%
France	66 548 531	1.76	117	0	386	349	19	18	-	64	0	100%	100%	Jul-24	98%	-	98%	0%
Georgia	3 807 670	10.24	39	0	162	144	6	12	129	12	0	100%	100%	Jul-24	96%	3.4	75%	97%
Germany	84 552 242	0.95	80	0	395	337	41	17	-	62	0	100%	57%	Jul-24	95%	-	86%	0%
Greece	10 047 817	0.00	0	-	28	27	0	1	-	8	0	86%	86%	Jun-24	96%	-	96%	0%
Hungary	9 676 135	0.10	1	0	15	15	0	0	28	8	0	86%	86%	Jun-24	100%	0.3	100%	74%
Iceland	393 396	0.00	0	-	2	2	0	0	-	2	0	86%	57%	Jun-24	100%	-	100%	100%
Ireland	5 255 018	0.77	4	0	90	80	7	3	-	15	1	100%	100%	Jul-24	96%	-	70%	61%
Israel	9 387 021	1.94	18	0	21	17	2	2	-	6	0	100%	86%	Jul-24	79%	-	90%	100%
Italy	59 342 867	0.74	44	0	809	728	24	57	171	54	0	100%	71%	Jul-24	94%	0.3	90%	0%
Kazakhstan	20 592 571	743.28	15111	0	27760	26874	377	509	-	-	0	100%	57%	Jul-24	-	-	-	-
Kyrgyzstan ⁷	7 186 009	1055.06	7463	9	12587	1791	5070	5726	558	0	4	100%	86%	Jul-24	24%	7.8	0	95%
Latvia	1 871 872	0.53	1	0	0	0	0	0	-	-	-	100%	86%	Jul-24	-	-	-	-
Lithuania	2 859 110	1.40	4	0	24	24	0	0	-	4	0	100%	100%	Jul-24	100%	-	100%	100%
Luxembourg	673 036	0.00	0	-	1	1	0	0	8	1	0	100%	100%	Jul-24	100%	1.2	100%	100%
Malta	539 607	0.00	0	-	3	3	0	0	-	0	0	86%	71%	Jun-24	100%	-	0	0%
Monaco	38 631	0.00	0	-	2	2	0	0	0	0	0	100%	57%	Jul-24	100%	0.0	0	50%
Montenegro	638 479	0.00	0	-	12	12	0	0	14	4	0	100%	100%	Jul-24	100%	2.2	33%	100%
Netherlands (Kingdom of the)	18 228 742	0.39	7	0	149	93	56	0	-	8	0	100%	100%	Jul-24	100%	-	100%	0%
North Macedonia	1 823 009	0.55	1	0	1	1	0	0	0	0	0	100%	71%	Jul-24	100%	0.0	0	100%
Norway	5 576 660	0.36	2	0	10	8	2	0	-	3	0	100%	71%	Jul-24	100%	-	70%	100%
Poland	38 539 201	0.80	31	0	245	167	25	53	-	18	0	100%	100%	Jul-24	80%	-	89%	81%
Portugal	10 425 293	0.10	1	0	35	35	0	0	177	14	0	100%	100%	Jul-24	100%	1.7	60%	98%
Republic of Moldova	3 034 961	0.98	3	0	145	110	33	2	42	7	0	100%	100%	Jul-24	94%	1.4	39%	97%
Romania	19 015 088	176.32	3371	3	11222	8053	2867	302	-	15	9	100%	86%	Jul-24	100%	-	1%	54%
Russian Federation	144 820 423	89.09	12958	0	14711	14562	75	74	4583	284	3	100%	100%	Jul-24	100%	3.2	100%	51%
San Marino	33 581	0.00	0	-	2	2	0	0	-	2	0	100%	86%	Jul-24	100%	-	100%	50%
Serbia ⁷	6 736 216	7.68	52	0	257	193	30	34	215	3	0	100%	100%	Jul-24	92%	3.2	96%	95%
Slovakia	5 506 760	1.09	6	0	1	1	0	0	6	0	0	86%	57%	Jun-24	100%	0.1	100%	100%
Slovenia	2 118 697	0.47	1	0	15	14	1	0	-	4	0	86%	71%	Jun-24	100%	-	93%	100%
Spain	47 910 527	0.27	13	0	177	156	14	7	92	29	0	100%	100%	Jul-24	100%	0.2	80%	75%
Sweden	10 606 999	1.04	11	0	23	23	0	0	-	15	0	100%	100%	Jul-24	100%	-	91%	15%
Switzerland	8 921 981	4.28	38	0	91	81	1	9	379	19	0	100%	71%	Jul-24	100%	4.2	88%	19%
Tajikistan	10 590 928	28.30	294	0	0	0	0	0	287	-	-	100%	29%	Jul-24	100%	2.7	-	63%
Türkiye ⁷	87 473 805	57.34	5004	0	1397	1394	0	3	4727	33	0	100%	0%	Jul-24	100%	5.4	85%	99%
Turkmenistan ⁷	7 494 499	0.00	0	-	0	0	0	0	87	-	-	100%	100%	Jul-24	100%	1.2	-	100%
Ukraine	37 860 222	1.75	66	0	151	133	12	6	181	16	0	100%	100%	Jul-24	100%	0.5	84%	99%
United Kingdom	69 138 192	3.36	231	0	2310	2310	0	0	-	99	0	100%	43%	Jul-24	99%	-	5%	69%
Uzbekistan	36 361 859	33.41	1191	0	1299	1266	0	33	580	0	0	100%	57%	Jul-24	100%	1.6	97%	100%
Region	940 574 715	64.88	60942	13	95054	61892	13141	20021	14533	1073	17	97%	79%		75%	2.7	53%	72%

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 2024 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 2024 (data as of 05 September 2024)

Country	Total Population in 2024 ¹	2023 (as of 05 September 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	2 791 765	0.36	1	0	0	0	0	145	-	100%	100%	Jul-24	100%	5.2	-	99%
Andorra	81 938	0.00	0	0	0	0	0	0	-	100%	57%	Jul-24	-	0.0	-	-
Armenia	2 973 841	0.00	0	0	0	0	0	985	-	100%	100%	Jul-24	100%	33.1	-	100%
Austria	9 120 813	0.00	0	0	0	0	0	-	-	100%	100%	Jul-24	-	-	-	-
Azerbaijan	10 336 578	0.00	0	0	0	0	0	5	-	100%	57%	Jul-24	100%	0.0	-	100%
Belarus ⁷	9 056 696	0.00	0	0	0	0	0	357	-	86%	71%	Jun-24	100%	3.9	-	0%
Belgium ⁸	11 738 764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 164 253	0.63	2	0	0	0	0	2	-	100%	0%	Jul-24	50%	0.1	-	0%
Bulgaria	6 757 689	0.00	0	0	0	0	0	-	-	100%	86%	Jul-24	-	-	-	-
Croatia	3 875 325	0.00	0	0	0	0	0	-	-	71%	71%	May-24	-	-	-	-
Cyprus	1 358 282	0.00	0	0	0	0	0	-	-	86%	86%	Jun-24	-	-	-	-
Czechia	10 735 859	0.00	0	0	0	0	0	-	-	86%	14%	Jun-24	-	-	-	-
Denmark ⁹	5 977 412	0.00	0	0	0	0	0	-	-	100%	86%	Jul-24	-	-	-	-
Estonia	1 360 546	0.00	0	0	0	0	0	92	-	100%	100%	Jul-24	100%	6.8	-	100%
Finland	5 617 311	0.18	1	0	0	0	0	-	-	100%	57%	Jul-24	-	-	-	-
France	66 548 531	0.00	0	1	1	0	0	-	-	100%	100%	Jul-24	100%	-	0%	0%
Georgia	3 807 670	0.00	0	0	0	0	0	128	-	100%	100%	Jul-24	100%	3.4	-	95%
Germany	84 552 242	0.09	8	23	10	0	13	-	1	100%	57%	Jul-24	43%	-	52%	0%
Greece	10 047 817	0.00	0	0	0	0	0	-	-	86%	57%	Jun-24	-	-	-	-
Hungary	9 676 135	0.00	0	0	0	0	0	0	-	86%	86%	Jun-24	-	0.0	-	-
Iceland	393 396	0.00	0	0	0	0	0	-	-	86%	43%	Jun-24	-	-	-	-
Ireland	5 255 018	0.00	0	0	0	0	0	-	-	100%	86%	Jul-24	-	-	-	-
Israel	9 387 021	0.11	1	1	1	0	0	-	0	100%	86%	Jul-24	100%	-	100%	100%
Italy	59 342 867	0.03	2	2	0	0	2	24	0	100%	71%	Jul-24	88%	0.0	100%	0%
Kazakhstan	20 592 571	0.34	7	11	10	0	1	-	-	100%	57%	Jul-24	-	-	-	-
Kyrgyzstan ⁷	7 186 009	1.56	11	0	0	0	0	558	-	100%	86%	Jul-24	24%	7.8	-	92%
Latvia	1 871 872	0.00	0	2	2	0	0	-	0	100%	86%	Jul-24	100%	-	100%	100%
Lithuania	2 859 110	0.35	1	1	1	0	0	-	0	100%	86%	Jul-24	100%	-	100%	100%
Luxembourg	673 036	0.00	0	0	0	0	0	2	-	100%	86%	Jul-24	100%	0.3	-	100%
Malta	539 607	0.00	0	0	0	0	0	-	-	100%	86%	Jul-24	-	-	-	-
Monaco	38 631	0.00	0	0	0	0	0	0	-	100%	57%	Jul-24	-	0.0	-	-
Montenegro	638 479	0.00	0	0	0	0	0	0	-	100%	100%	Jul-24	-	0.0	-	-
Netherlands (Kingdom of the)	18 228 742	0.00	0	0	0	0	0	-	-	100%	100%	Jul-24	-	-	-	-
North Macedonia	1 823 009	0.00	0	0	0	0	0	0	-	100%	71%	Jul-24	-	0.0	-	-
Norway	5 576 660	0.00	0	0	0	0	0	-	-	100%	71%	Jul-24	-	-	-	-
Poland	38 539 201	6.78	263	154	5	0	149	-	-	100%	100%	Jul-24	-	-	-	-
Portugal	10 425 293	0.00	0	0	0	0	0	2	-	100%	100%	Jul-24	100%	0.0	-	100%
Republic of Moldova	3 034 961	0.00	0	0	0	0	0	42	-	100%	100%	Jul-24	100%	1.4	-	100%
Romania	19 015 088	0.05	1	0	0	0	0	-	-	100%	43%	Jul-24	-	-	-	-
Russian Federation	144 820 423	0.02	3	82	81	0	1	0	0	100%	100%	Jul-24	100%	0.0	100%	48%
San Marino	33 581	0.00	0	0	0	0	0	0	-	100%	86%	Jul-24	-	0.0	-	-
Serbia ⁷	6 736 216	0.00	0	0	0	0	0	215	-	100%	100%	Jul-24	100%	3.2	-	99%
Slovakia	5 506 760	0.00	0	1	1	0	0	0	0	86%	57%	Jun-24	0%	0.0	100%	100%
Slovenia	2 118 697	0.00	0	0	0	0	0	-	-	86%	71%	Jun-24	-	-	-	-
Spain	47 910 527	0.00	0	0	0	0	0	0	-	100%	100%	Jul-24	-	0.0	-	-
Sweden	10 606 999	0.00	0	0	0	0	0	0	-	86%	86%	Jun-24	-	0.0	-	-
Switzerland	8 921 981	0.00	0	3	0	0	3	26	0	100%	71%	Jul-24	100%	0.3	0%	41%
Tajikistan	10 590 928	0.00	0	0	0	0	0	277	-	100%	29%	Jul-24	100%	2.6	-	99%
Türkiye ⁷	87 473 805	0.23	20	13	13	0	0	4727	0	100%	0%	Jul-24	100%	5.4	85%	99%
Turkmenistan ⁷	7 494 499	0.00	0	0	0	0	0	87	-	100%	100%	Jul-24	100%	1.2	-	100%
Ukraine	37 860 222	0.29	11	7	4	0	3	165	0	100%	100%	Jul-24	87%	0.4	100%	87%
United Kingdom	69 138 192	0.00	0	0	0	0	0	-	-	100%	43%	Jul-24	-	-	-	-
Uzbekistan	36 361 859	0.06	2	0	0	0	0	580	-	100%	57%	Jul-24	100%	1.6	-	100%
Region	940 574 715	0.36	334	301	129	0	172	8419	1	95%	74%		95%	1.6	88%	93%

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 2024 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—July 2024 (data as of 05 September 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	194	41 (21)	-	-	0	-	-	-	100%	71%	Jul-24
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	1192	317 (27)	B3,D8	97%	1489	0 (0)	-	-	43%	43%	Mar-24
Azerbaijan	164	112 (68)	-	-	5	0 (0)	-	-	100%	100%	Jul-24
Belarus	-	-	B3,D8	0%	-	-	-	-	-	-	No report
Belgium	967	415 (43)	-	-	64	5 (8)	-	-	100%	57%	Jul-24
Bosnia and Herzegovina	202	129 (64)	D8	100%	85	2 (2)	-	-	100%	100%	Jul-24
Bulgaria	126	57 (45)	-	-	75	0 (0)	-	-	100%	71%	Jul-24
Croatia	2	2 (100)	D8	100%	0	-	-	-	14%	14%	Jan-24
Cyprus	111	18 (16)	-	-	112	3 (3)	-	-	100%	86%	Jul-24
Czechia	138	45 (33)	B3,D8	71%	145	3 (2)	-	-	100%	100%	Jul-24
Denmark	558	72 (13)	B3,D8	58%	23	3 (13)	-	-	100%	100%	Jul-24
Estonia	172	14 (8)	-	-	3	0 (0)	-	-	100%	100%	Jul-24
Finland	18	4 (22)	D8	50%	5	0 (0)	-	-	100%	57%	Jul-24
France	378	141 (37)	B3,D8	89%	226	0 (0)	-	-	86%	14%	Jun-24
Georgia	247	81 (33)	B3,D8	69%	167	0 (0)	-	-	86%	14%	Jun-24
Germany	941	436 (46)	B3,D8	39%	400	4 (1)	-	-	100%	43%	Jul-24
Greece	41	30 (73)	B3,D8	90%	0	-	-	-	43%	43%	Mar-24
Hungary	301	88 (29)	B3,D8	88%	297	0 (0)	-	-	100%	100%	Jul-24
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	3802	489 (13)	B3,D8	99%	1702	224 (13)	-	-	100%	100%	Jul-24
Israel	421	94 (22)	B3,D8	71%	667	104 (16)	-	-	100%	71%	Jul-24
Italy	441	261 (59)	B3,D8	14%	6	0 (0)	-	-	43%	43%	Mar-24
Kazakhstan	34615	26049 (75)	B3,D8	0%	20	10 (50)	-	-	100%	14%	Jul-24
Kyrgyzstan	7020	2255 (32)	D8	100%	2423	0 (0)	-	-	86%	57%	Jun-24
Latvia	376	2 (1)	-	-	337	7 (2)	-	-	100%	100%	Jul-24
Lithuania	202	45 (22)	B3,D8	0%	204	3 (1)	-	-	100%	100%	Jul-24
Luxembourg	-	-	D8	100%	-	-	-	-	-	-	No report
Malta	53	17 (32)	-	-	292	0 (0)	-	-	86%	57%	Jun-24
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands (Kingdom of the)	177	58 (33)	B3,D8	45%	57	0 (0)	-	-	100%	100%	Jul-24
North Macedonia	28	3 (11)	-	-	0	-	-	-	100%	86%	Jul-24
Norway	8	7 (88)	B3,D8	80%	0	-	-	-	100%	100%	Jul-24
Poland	820	394 (48)	-	-	725	7 (1)	-	-	86%	29%	Jun-24
Portugal	614	54 (9)	B3,D8	100%	1	1 (100)	-	-	100%	100%	Jul-24
Republic of Moldova	165	112 (68)	-	-	35	0 (0)	-	-	100%	100%	Jul-24
Romania	15239	12833 (84)	B3,D8	96%	2125	0 (0)	-	-	100%	100%	Jul-24
Russian Federation	28589	21090 (74)	B3,D8	11%	27777	311 (1)	-	-	100%	100%	Jul-24
San Marino											No lab
Serbia	451	176 (39)	-	-	451	1 (0)	-	-	100%	100%	Jul-24
Slovakia	25	2 (8)	-	-	9	0 (0)	-	-	100%	86%	Jul-24
Slovenia	145	37 (26)	D8	87%	37	0 (0)	-	-	100%	100%	Jul-24
Spain	-	-	B3,D8	34%	-	-	-	-	-	-	No report
Sweden	710	68 (10)	B3,D8	100%	1028	8 (1)	-	-	100%	100%	Jul-24
Switzerland	517	132 (26)	B3,D8	81%	2	2 (100)	-	-	86%	71%	Jun-24
Tajikistan	280	0 (0)	-	-	256	0 (0)	-	-	100%	100%	Jul-24
Türkiye	928	74 (8)	-	-	757	9 (1)	-	-	14%	14%	Jan-24
Turkmenistan	63	0 (0)	-	-	63	0 (0)	-	-	100%	100%	Jul-24
Ukraine	126	35 (28)	-	-	97	1 (1)	-	-	100%	100%	Jul-24
United Kingdom	12368	3826 (31)	B3,D8	62%	163	14 (9)	-	-	100%	100%	Jul-24
Uzbekistan	1178	870 (74)	-	-	1178	2 (0)	-	-	57%	14%	Apr-24
Region	115113	70985 (62)	-	65%	43508	724 (2)	-	-	74%	61%	

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.

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 ucddata@who.intWeb site: <https://www.who.int/europe/health-topics/vaccines-and-immunization> © World Health Organization, 2024.