

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 September 2023—August 2024 (data as of 01 October 2024)

Country	Total Population in 2024 ¹	Incidence Rate September 2023-August 2024 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	
Albania	2 791 765	16.48	46	0	0	0	0	18	16	2	2	2	1	3	2	Aug-24
Andorra	81 938	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Armenia	2 973 841	227.32	676	38	30	32	30	57	65	146	115	57	62	38	6	Aug-24
Austria	9 120 813	58.11	530	1	0	17	14	46	197	136	42	24	19	24	10	Aug-24
Azerbaijan	10 336 578	2938.98	30379	49	186	2126	11337	8105	4974	2090	951	379	134	42	6	Aug-24
Belarus	9 056 696	75.41	683	0	1	80	77	128	59	55	95	70	72	39	7	Aug-24
Belgium	11 738 764	51.62	606	2	1	32	6	12	15	35	63	122	199	100	19	Aug-24
Bosnia and Herzegovina	3 164 253	524.61	1660	0	0	1	10	102	284	628	163	316	92	64	-	Jul-24
Bulgaria	6 757 689	3.55	24	0	0	0	0	0	0	1	0	1	14	6	2	Aug-24
Croatia	3 875 325	7.48	29	0	2	1	0	1	0	1	3	12	7	1	1	Aug-24
Cyprus	1 358 282	19.14	26	0	0	0	0	1	2	16	4	1	0	2	0	Aug-24
Czechia	10 735 859	3.17	34	0	0	1	0	6	8	6	7	2	0	3	1	Aug-24
Denmark	5 977 412	3.85	23	0	0	1	0	3	3	5	4	5	0	2	-	Jul-24
Estonia	1 360 546	3.67	5	1	0	0	0	0	1	2	0	0	0	1	0	Aug-24
Finland	5 617 311	0.36	2	0	0	0	0	0	1	0	0	0	0	1	0	Aug-24
France	66 548 531	7.39	492	43	36	5	5	19	38	72	77	92	47	48	10	Aug-24
Georgia	3 807 670	50.95	194	5	9	1	8	36	21	21	22	18	28	16	9	Aug-24
Germany	84 552 242	6.09	515	4	12	12	7	37	47	37	80	61	55	89	74	Aug-24
Greece	10 047 817	2.89	29	0	0	0	0	5	13	4	3	2	1	1	0	Aug-24
Hungary	9 676 135	1.86	18	0	0	0	0	3	0	6	2	4	0	1	2	Aug-24
Iceland	393 396	5.08	2	0	0	0	0	0	1	0	1	0	0	0	0	Aug-24
Ireland	5 255 018	21.50	113	0	0	0	0	1	0	10	11	33	23	13	22	Aug-24
Israel	9 387 021	3.94	37	6	4	0	6	10	11	0	0	0	0	0	0	Aug-24
Italy	59 342 867	15.12	897	8	3	8	14	34	96	125	181	130	152	93	53	Aug-24
Kazakhstan	20 592 571	1870.67	38522	3303	4556	1373	1434	9510	7104	4683	3405	1671	957	430	96	Aug-24
Kyrgyzstan	7 186 009	2514.89	18072	602	1290	1646	1687	2711	2637	2400	1584	1503	1236	613	163	Aug-24
Latvia	1 871 872	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Lithuania	2 859 110	9.79	28	0	2	1	1	9	2	6	4	3	0	0	0	Aug-24
Luxembourg	673 036	2.97	2	0	0	0	0	0	0	0	0	0	0	1	1	Aug-24
Malta	539 607	14.83	8	0	0	0	0	1	1	2	0	0	0	1	3	Aug-24
Monaco	38 631	51.77	2	0	0	0	0	0	0	1	1	0	0	0	-	Jul-24
Montenegro	638 479	34.46	22	0	0	0	0	0	0	1	2	3	2	5	9	Aug-24
Netherlands (Kingdom of the)	18 228 742	8.67	158	0	3	1	0	1	12	44	18	12	41	21	5	Aug-24
North Macedonia	1 823 009	0.55	1	0	0	0	0	0	0	0	0	1	0	0	0	Aug-24
Norway	5 576 660	1.97	11	0	0	0	0	0	0	1	1	2	3	3	1	Aug-24
Poland	38 539 201	6.98	269	0	1	7	4	6	13	44	79	61	25	19	10	Aug-24
Portugal	10 425 293	3.36	35	0	0	0	0	7	5	8	8	2	1	4	0	Aug-24
Republic of Moldova	3 034 961	55.68	169	0	0	1	1	1	4	25	19	28	63	10	17	Aug-24
Romania	19 015 088	756.56	14386	228	544	879	971	1999	1859	2140	1756	1775	1281	413	541	Aug-24
Russian Federation	144 820 423	151.75	21977	977	1108	1586	1619	2887	3441	3716	2939	2015	1107	375	207	Aug-24
San Marino	33 581	59.56	2	0	0	0	0	0	1	0	0	0	1	0	0	Aug-24
Serbia	6 736 216	51.81	349	0	0	0	0	3	27	23	31	33	67	86	79	Aug-24
Slovakia	5 506 760	0.18	1	0	0	0	0	0	1	0	0	0	0	0	0	Aug-24
Slovenia	2 118 697	8.50	18	0	0	1	0	0	2	7	0	4	2	2	0	Aug-24
Spain	47 910 527	4.20	201	4	2	2	1	9	11	7	19	45	70	23	8	Aug-24
Sweden	10 606 999	2.17	23	0	0	0	0	5	0	4	4	2	6	2	-	Jul-24
Switzerland	8 921 981	11.54	103	0	3	5	0	18	37	4	14	12	3	4	3	Aug-24
Tajikistan	10 590 928	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Türkiye	87 473 805	27.06	2367	267	211	181	257	196	249	263	214	198	179	108	44	Aug-24
Turkmenistan	7 494 499	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Ukraine	37 860 222	6.18	234	5	4	5	9	9	5	9	13	38	37	52	48	Aug-24
United Kingdom	69 138 192	37.50	2593	8	16	29	43	276	278	335	397	397	310	330	174	Aug-24
Uzbekistan	36 361 859	59.60	2167	188	314	157	162	402	269	113	79	69	300	72	42	Aug-24
Region	940 574 715	147.51	138740	5739	8338	8191	17703	26674	21810	17234	12413	9205	6597	3161	1675	

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 September 2023—August 2024 (data as of 01 October 2024)

Country	Total Population in 2024 ¹	Incidence Rate September 2023–August 2024 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	
Albania	2 791 765	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Andorra	81 938	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Armenia	2 973 841	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Austria	9 120 813	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Azerbaijan	10 336 578	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Belarus	9 056 696	0.11	1	0	0	0	0	0	0	0	0	0	0	1	0	Aug-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	-	Jul-24
Bulgaria	6 757 689	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Croatia	3 875 325	0.00	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	0	Aug-24
Czechia	10 735 859	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Denmark ³	5 977 412	0.00	0	-	-	0	0	0	0	0	0	0	0	0	0	Aug-24
Estonia	1 360 546	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Finland	5 617 311	0.00	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	1	0	0	0	0	Aug-24
Georgia	3 807 670	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Germany	84 552 242	0.35	30	3	0	0	1	2	5	8	6	1	0	1	3	Aug-24
Greece	10 047 817	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Hungary	9 676 135	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Iceland	393 396	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Ireland	5 255 018	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Israel	9 387 021	0.21	2	0	0	1	0	0	1	0	0	0	0	0	0	Aug-24
Italy	59 342 867	0.03	2	0	0	0	0	0	0	0	2	0	0	0	0	Aug-24
Kazakhstan	20 592 571	0.68	14	0	0	0	3	5	3	1	0	0	2	0	0	Aug-24
Kyrgyzstan	7 186 009	0.14	1	0	0	0	1	0	0	0	0	0	0	0	0	Aug-24
Latvia	1 871 872	1.07	2	0	0	0	0	2	0	0	0	0	0	0	0	Aug-24
Lithuania	2 859 110	0.35	1	0	0	0	0	0	0	0	0	1	0	0	0	Aug-24
Luxembourg	673 036	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Malta	539 607	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Monaco	38 631	0.00	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	Aug-24
Netherlands (Kingdom of the)	18 228 742	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
North Macedonia	1 823 009	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Norway	5 576 660	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Poland	38 539 201	6.36	245	20	19	18	27	13	22	34	28	27	19	11	7	Aug-24
Portugal	10 425 293	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Republic of Moldova	3 034 961	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Romania	19 015 088	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Russian Federation	144 820 423	1.07	155	1	2	0	0	0	3	3	26	42	30	24	24	Aug-24
San Marino	33 581	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Serbia	6 736 216	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Slovakia	5 506 760	0.18	1	0	0	0	0	1	0	0	0	0	0	0	0	Aug-24
Slovenia	2 118 697	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Spain	47 910 527	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Sweden	10 606 999	0.00	0	0	0	0	0	0	0	0	0	0	0	-	-	Jun-24
Switzerland	8 921 981	0.56	5	0	0	0	0	0	0	1	0	0	1	1	2	Aug-24
Tajikistan	10 590 928	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Türkiye	87 473 805	0.22	19	0	3	2	0	2	3	2	2	2	2	0	1	Aug-24
Turkmenistan	7 494 499	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Ukraine	37 860 222	0.40	15	2	1	2	1	0	1	1	1	3	0	1	2	Aug-24
United Kingdom	69 138 192	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Uzbekistan	36 361 859	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Aug-24
Region	940 574 715	0.53	494	26	25	23	33	25	38	50	66	76	54	39	39	

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—August 2024 (data as of 01 October 2024)

Country	Total Population in 2024 ¹	2023 (as of 01 October 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	46	43	3	0	151	0	0	100%	100%	Aug-24	100%	5.4	100%	99%
Andorra	81 938	0.00	0	-	0	0	0	0	0	-	-	100%	50%	Aug-24	-	0.0	-	-
Armenia	2 973 841	188.56	555	1	546	546	0	0	1080	30	0	100%	100%	Aug-24	100%	36.3	100%	100%
Austria	9 120 813	20.59	188	0	498	498	0	0	0	44	0	100%	100%	Aug-24	100%	0.0	99%	90%
Azerbaijan	10 336 578	1330.46	13728	0	16681	633	4070	11978	481	147	0	100%	63%	Aug-24	1%	4.7	84%	91%
Belarus ⁷	9 056 696	22.60	206	0	525	518	2	5	417	0	0	100%	75%	Aug-24	100%	4.6	0%	0%
Belgium	11 738 764	5.81	68	0	565	395	85	85	-	-	0	100%	100%	Aug-24	-	-	-	-
Bosnia and Herzegovina	3 164 253	4.08	13	0	1649	187	129	1333	18	0	0	88%	0%	Jul-24	21%	0.6	17%	36%
Bulgaria	6 757 689	0.00	0	-	24	23	1	0	-	2	0	100%	88%	Aug-24	100%	-	67%	100%
Croatia	3 875 325	0.77	3	0	26	25	1	0	-	12	0	88%	63%	Aug-24	100%	-	69%	0%
Cyprus	1 358 282	0.00	0	-	26	24	2	0	-	2	0	100%	88%	Aug-24	100%	-	100%	35%
Czechia	10 735 859	0.09	1	0	33	31	2	0	-	8	0	100%	38%	Aug-24	100%	-	94%	64%
Denmark	5 977 412	1.51	9	0	22	21	1	0	-	5	0	88%	88%	Jul-24	100%	-	95%	0%
Estonia	1 360 546	2.93	4	0	4	4	0	0	331	1	0	100%	100%	Aug-24	100%	24.3	75%	100%
Finland	5 617 311	0.18	1	0	2	2	0	0	-	2	0	100%	75%	Aug-24	100%	-	100%	0%
France	66 548 531	1.76	117	0	403	365	19	19	-	73	0	100%	100%	Aug-24	98%	-	98%	0%
Georgia	3 807 670	10.24	39	0	171	150	6	15	132	12	0	100%	100%	Aug-24	96%	3.5	76%	97%
Germany	84 552 242	0.95	80	0	480	408	55	17	-	73	0	100%	63%	Aug-24	96%	-	82%	0%
Greece	10 047 817	0.00	0	-	29	28	0	1	-	8	0	100%	88%	Aug-24	97%	-	97%	0%
Hungary	9 676 135	0.10	1	0	18	18	0	0	46	10	0	100%	88%	Aug-24	100%	0.5	94%	66%
Iceland	393 396	0.00	0	-	2	2	0	0	-	2	0	100%	63%	Aug-24	100%	-	100%	100%
Ireland	5 255 018	0.77	4	0	113	97	13	3	-	18	1	100%	100%	Aug-24	97%	-	67%	61%
Israel	9 387 021	1.94	18	0	21	17	2	2	-	6	0	100%	88%	Aug-24	79%	-	90%	100%
Italy	59 342 867	0.74	44	0	864	784	27	53	181	62	0	100%	75%	Aug-24	95%	0.3	90%	0%
Kazakhstan	20 592 571	743.28	15111	0	27856	26970	377	509	-	-	0	100%	63%	Aug-24	-	-	-	-
Kyrgyzstan ⁷	7 186 009	1055.06	7463	9	12847	1799	5180	5868	574	0	4	100%	88%	Aug-24	24%	8.0	0	95%
Latvia	1 871 872	0.53	1	0	0	0	0	0	-	-	-	100%	88%	Aug-24	-	-	-	-
Lithuania	2 859 110	1.40	4	0	24	24	0	0	-	4	0	100%	100%	Aug-24	100%	-	100%	100%
Luxembourg	673 036	0.00	0	-	2	2	0	0	10	2	0	100%	100%	Aug-24	100%	1.5	100%	100%
Malta	539 607	0.00	0	-	8	8	0	0	-	5	0	100%	75%	Aug-24	100%	-	100%	0%
Monaco	38 631	0.00	0	-	2	2	0	0	0	0	0	88%	50%	Jul-24	100%	0.0	0	50%
Montenegro	638 479	0.00	0	-	22	22	0	0	16	5	0	100%	100%	Aug-24	100%	2.5	55%	100%
Netherlands (Kingdom of the)	18 228 742	0.39	7	0	154	99	55	0	-	10	0	100%	100%	Aug-24	100%	-	100%	0%
North Macedonia	1 823 009	0.55	1	0	1	1	0	0	0	0	0	100%	75%	Aug-24	100%	0.0	0	100%
Norway	5 576 660	0.36	2	0	11	9	2	0	-	5	0	100%	75%	Aug-24	100%	-	82%	100%
Poland	38 539 201	0.80	31	0	257	174	26	57	-	23	0	100%	100%	Aug-24	79%	-	89%	82%
Portugal	10 425 293	0.10	1	0	35	35	0	0	181	14	0	100%	100%	Aug-24	100%	1.7	60%	98%
Republic of Moldova	3 034 961	0.98	3	0	167	130	35	2	43	7	0	100%	100%	Aug-24	94%	1.4	34%	97%
Romania	19 015 088	176.32	3371	3	11764	8421	3024	319	-	15	9	100%	88%	Aug-24	100%	-	6%	54%
Russian Federation	144 820 423	89.11	12960	0	16687	16374	224	89	5175	319	3	100%	100%	Aug-24	100%	3.6	100%	51%
San Marino	33 581	0.00	0	-	2	2	0	0	-	2	0	100%	88%	Aug-24	100%	-	100%	50%
Serbia ⁷	6 736 216	7.68	52	0	349	259	30	60	226	3	0	100%	100%	Aug-24	89%	3.4	97%	93%
Slovakia	5 506 760	1.09	6	0	1	1	0	0	7	0	0	100%	63%	Aug-24	100%	0.1	100%	100%
Slovenia	2 118 697	0.47	1	0	17	16	1	0	-	5	0	100%	75%	Aug-24	100%	-	94%	100%
Spain	47 910 527	0.27	13	0	192	170	19	3	114	36	0	100%	100%	Aug-24	100%	0.2	92%	73%
Sweden	10 606 999	1.04	11	0	23	23	0	0	-	15	0	88%	88%	Jul-24	100%	-	91%	15%
Switzerland	8 921 981	4.28	38	0	95	87	1	7	394	22	0	100%	75%	Aug-24	100%	4.4	89%	20%
Tajikistan	10 590 928	28.30	294	0	0	0	0	0	319	-	-	100%	38%	Aug-24	100%	3.0	-	70%
Türkiye ⁷	87 473 805	57.34	5004	0	1451	1447	0	4	5033	33	0	100%	0%	Aug-24	100%	5.8	84%	99%
Turkmenistan ⁷	7 494 499	0.00	0	-	0	0	0	0	89	-	-	100%	100%	Aug-24	100%	1.2	-	100%
Ukraine	37 860 222	1.75	66	0	211	161	37	13	202	16	0	100%	100%	Aug-24	100%	0.5	86%	99%
United Kingdom	69 138 192	3.36	231	0	2497	2497	0	0	-	103	1	100%	50%	Aug-24	99%	-	4%	70%
Uzbekistan	36 361 859	33.41	1191	0	1346	1312	0	34	668	0	0	100%	63%	Aug-24	100%	1.8	97%	100%
Region	940 574 715	64.88	60944	13	98769	64864	13429	20476	15888	1161	18	99%	80%		76%	3.0	55%	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—August 2024 (data as of 01 October 2024)

Country	Total Population in 2024 ¹	2023 (as of 01 October 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	151	-	100%	100%	Aug-24	100%	5.4	-	99%
Andorra	81 938	0.00	0	0	0	0	0	0	-	100%	50%	Aug-24	-	0.0	-	-
Armenia	2 973 841	0.00	0	0	0	0	0	1078	-	100%	100%	Aug-24	100%	36.2	-	100%
Austria	9 120 813	0.00	0	0	0	0	0	-	-	100%	100%	Aug-24	-	-	-	-
Azerbaijan	10 336 578	0.00	0	0	0	0	0	6	-	100%	63%	Aug-24	100%	0.1	-	100%
Belarus ⁷	9 056 696	0.00	0	1	1	0	0	417	0	100%	75%	Aug-24	100%	4.6	0%	0%
Belgium ⁸	11 738 764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 164 253	0.63	2	0	0	0	0	2	-	88%	0%	Jul-24	50%	0.1	-	0%
Bulgaria	6 757 689	0.00	0	0	0	0	0	-	-	100%	88%	Aug-24	-	-	-	-
Croatia	3 875 325	0.00	0	0	0	0	0	-	-	63%	63%	May-24	-	-	-	-
Cyprus	1 358 282	0.00	0	0	0	0	0	-	-	100%	88%	Aug-24	-	-	-	-
Czechia	10 735 859	0.00	0	0	0	0	0	-	-	100%	25%	Aug-24	-	-	-	-
Denmark ⁹	5 977 412	0.00	0	0	0	0	0	-	-	100%	88%	Aug-24	-	-	-	-
Estonia	1 360 546	0.00	0	0	0	0	0	97	-	100%	100%	Aug-24	100%	7.1	-	100%
Finland	5 617 311	0.18	1	0	0	0	0	-	-	88%	50%	Jul-24	-	-	-	-
France	66 548 531	0.00	0	1	1	0	0	-	-	100%	100%	Aug-24	100%	-	0%	0%
Georgia	3 807 670	0.00	0	0	0	0	0	131	-	100%	100%	Aug-24	100%	3.4	-	95%
Germany	84 552 242	0.09	8	26	11	0	15	-	1	100%	63%	Aug-24	42%	-	50%	0%
Greece	10 047 817	0.00	0	0	0	0	0	-	-	100%	63%	Aug-24	-	-	-	-
Hungary	9 676 135	0.00	0	0	0	0	0	0	-	100%	88%	Aug-24	-	0.0	-	-
Iceland	393 396	0.00	0	0	0	0	0	-	-	100%	50%	Aug-24	-	-	-	-
Ireland	5 255 018	0.00	0	0	0	0	0	-	-	100%	88%	Aug-24	-	-	-	-
Israel	9 387 021	0.11	1	1	1	0	0	-	0	100%	88%	Aug-24	100%	-	100%	100%
Italy	59 342 867	0.03	2	2	0	0	2	26	0	100%	75%	Aug-24	89%	0.0	100%	0%
Kazakhstan	20 592 571	0.34	7	11	10	0	1	-	-	100%	63%	Aug-24	-	-	-	-
Kyrgyzstan ⁷	7 186 009	1.56	11	0	0	0	0	574	-	100%	88%	Aug-24	24%	8.0	-	92%
Latvia	1 871 872	0.00	0	2	2	0	0	-	0	100%	88%	Aug-24	100%	-	100%	100%
Lithuania	2 859 110	0.35	1	1	1	0	0	-	0	100%	88%	Aug-24	100%	-	100%	100%
Luxembourg	673 036	0.00	0	0	0	0	0	2	-	100%	88%	Aug-24	100%	0.3	-	100%
Malta	539 607	0.00	0	0	0	0	0	-	-	100%	88%	Aug-24	-	-	-	-
Monaco	38 631	0.00	0	0	0	0	0	0	-	88%	50%	Jul-24	-	0.0	-	-
Montenegro	638 479	0.00	0	0	0	0	0	0	-	100%	100%	Aug-24	-	0.0	-	-
Netherlands (Kingdom of the)	18 228 742	0.00	0	0	0	0	0	-	-	100%	100%	Aug-24	-	-	-	-
North Macedonia	1 823 009	0.00	0	0	0	0	0	0	-	100%	75%	Aug-24	-	0.0	-	-
Norway	5 576 660	0.00	0	0	0	0	0	-	-	100%	75%	Aug-24	-	-	-	-
Poland	38 539 201	6.78	263	161	5	0	156	-	-	100%	100%	Aug-24	-	-	-	-
Portugal	10 425 293	0.00	0	0	0	0	0	2	-	100%	100%	Aug-24	100%	0.0	-	100%
Republic of Moldova	3 034 961	0.00	0	0	0	0	0	43	-	100%	100%	Aug-24	100%	1.4	-	100%
Romania	19 015 088	0.05	1	0	0	0	0	-	-	100%	50%	Aug-24	-	-	-	-
Russian Federation	144 820 423	0.02	3	152	150	1	1	0	0	100%	100%	Aug-24	100%	0.0	100%	83%
San Marino	33 581	0.00	0	0	0	0	0	0	-	100%	88%	Aug-24	-	0.0	-	-
Serbia ⁷	6 736 216	0.00	0	0	0	0	0	226	-	100%	100%	Aug-24	100%	3.4	-	99%
Slovakia	5 506 760	0.00	0	1	1	0	0	0	0	100%	63%	Aug-24	0%	0.0	100%	100%
Slovenia	2 118 697	0.00	0	0	0	0	0	-	-	100%	75%	Aug-24	-	-	-	-
Spain	47 910 527	0.00	0	0	0	0	0	0	-	100%	100%	Aug-24	-	0.0	-	-
Sweden	10 606 999	0.00	0	0	0	0	0	0	-	75%	75%	Jun-24	-	0.0	-	-
Switzerland	8 921 981	0.00	0	5	0	0	5	28	0	100%	75%	Aug-24	100%	0.3	0%	36%
Tajikistan	10 590 928	0.00	0	0	0	0	0	309	-	100%	38%	Aug-24	100%	2.9	-	99%
Türkiye ⁷	87 473 805	0.23	20	14	14	0	0	5033	0	100%	0%	Aug-24	100%	5.8	79%	99%
Turkmenistan ⁷	7 494 499	0.00	0	0	0	0	0	89	-	100%	100%	Aug-24	100%	1.2	-	100%
Ukraine	37 860 222	0.29	11	9	5	0	4	181	0	100%	100%	Aug-24	87%	0.5	100%	87%
United Kingdom	69 138 192	0.00	0	0	0	0	0	-	-	100%	50%	Aug-24	-	-	-	-
Uzbekistan	36 361 859	0.06	2	0	0	0	0	668	-	100%	63%	Aug-24	100%	1.8	-	100%
Region	940 574 715	0.36	334	387	202	1	184	9063	1	96%	75%		95%	1.7	90%	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—August 2024 (data as of 01 October 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	-	-	-	88%	63%	Jul-24
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	1192	317 (27)	B3,D8	97%	1489	0 (0)	-	-	38%	38%	Mar-24
Azerbaijan	166	113 (68)	-	-	6	0 (0)	-	-	100%	100%	Aug-24
Belarus	-	-	B3,D8	0%	-	-	-	-	-	-	No report
Belgium	1039	472 (45)	-	-	70	5 (7)	-	-	100%	63%	Aug-24
Bosnia and Herzegovina	207	131 (63)	D8	100%	90	2 (2)	-	-	100%	100%	Aug-24
Bulgaria	144	67 (47)	-	-	93	0 (0)	-	-	100%	75%	Aug-24
Croatia	31	30 (97)	D8	100%	4	0 (0)	-	-	25%	25%	Aug-24
Cyprus	130	18 (14)	-	-	119	4 (3)	-	-	100%	88%	Aug-24
Czechia	146	49 (34)	B3,D8	80%	154	3 (2)	-	-	100%	100%	Aug-24
Denmark	612	79 (13)	B3,D8	58%	29	4 (14)	-	-	100%	100%	Aug-24
Estonia	186	14 (8)	-	-	3	0 (0)	-	-	100%	100%	Aug-24
Finland	33	4 (12)	D8	50%	12	2 (17)	-	-	100%	63%	Aug-24
France	452	160 (35)	B3,D8	88%	278	0 (0)	-	-	88%	13%	Jul-24
Georgia	284	102 (36)	B3,D8	69%	183	0 (0)	-	-	100%	25%	Aug-24
Germany	1061	521 (49)	B3,D8	39%	414	4 (1)	-	-	100%	50%	Aug-24
Greece	41	30 (73)	B3,D8	90%	0	-	-	-	38%	38%	Mar-24
Hungary	316	92 (29)	B3,D8	83%	315	0 (0)	-	-	100%	100%	Aug-24
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	4144	511 (12)	B3,D8	99%	1920	224 (12)	-	-	100%	100%	Aug-24
Israel	449	99 (22)	B3,D8	71%	720	116 (16)	-	-	100%	75%	Aug-24
Italy	441	261 (59)	B3,D8	14%	6	0 (0)	-	-	38%	38%	Mar-24
Kazakhstan	34771	26139 (75)	B3,D8	0%	21	10 (48)	-	-	100%	13%	Aug-24
Kyrgyzstan	7151	2302 (32)	D8	100%	2424	0 (0)	-	-	100%	63%	Aug-24
Latvia	384	2 (1)	-	-	346	8 (2)	-	-	100%	100%	Aug-24
Lithuania	205	45 (22)	B3,D8	0%	210	3 (1)	-	-	100%	100%	Aug-24
Luxembourg	-	-	D8	100%	-	-	-	-	-	-	No report
Malta	86	23 (27)	-	-	485	0 (0)	-	-	100%	63%	Aug-24
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands (Kingdom of the)	197	74 (38)	B3,D8	55%	62	0 (0)	-	-	100%	100%	Aug-24
North Macedonia	28	3 (11)	-	-	0	-	-	-	88%	75%	Jul-24
Norway	9	8 (89)	B3,D8	80%	0	-	-	-	100%	100%	Aug-24
Poland	953	437 (46)	-	-	858	7 (1)	-	-	100%	38%	Aug-24
Portugal	628	57 (9)	B3,D8	100%	1	1 (100)	-	-	100%	100%	Aug-24
Republic of Moldova	186	131 (70)	-	-	35	0 (0)	-	-	100%	100%	Aug-24
Romania	15991	13504 (84)	B3,D8	96%	2213	0 (0)	-	-	100%	88%	Aug-24
Russian Federation	29492	21534 (73)	B3,D8	8%	28665	411 (1)	-	-	100%	100%	Aug-24
San Marino											No lab
Serbia	533	246 (46)	-	-	533	2 (0)	-	-	100%	100%	Aug-24
Slovakia	28	4 (14)	-	-	9	0 (0)	-	-	100%	88%	Aug-24
Slovenia	155	40 (26)	D8	88%	40	1 (3)	-	-	100%	100%	Aug-24
Spain	-	-	B3,D8	35%	-	-	-	-	-	-	No report
Sweden	826	75 (9)	B3,D8	100%	1190	8 (1)	-	-	100%	100%	Aug-24
Switzerland	528	137 (26)	B3,D8	79%	2	2 (100)	-	-	88%	63%	Jul-24
Tajikistan	308	4 (1)	-	-	281	0 (0)	-	-	100%	100%	Aug-24
Türkiye	7397	799 (11)	-	-	5491	102 (2)	-	-	100%	25%	Aug-24
Turkmenistan	90	0 (0)	-	-	90	0 (0)	-	-	100%	100%	Aug-24
Ukraine	175	65 (37)	-	-	145	2 (1)	-	-	100%	100%	Aug-24
United Kingdom	13221	4401 (33)	B3,D8	67%	179	15 (8)	-	-	100%	100%	Aug-24
Uzbekistan	1178	870 (74)	-	-	1178	2 (0)	-	-	50%	13%	Apr-24
Region	125788	74011 (59)	-	67%	50363	938 (2)	-	-	76%	62%	

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.

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