

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 February 2022—January 2023 (data as of 02 March 2023)

Country	Total Population in 2022 ¹	Incidence Rate February 2022-January 2023 (per 1 million population)	Total measles cases	Month and year of rash onset												Month & year of last report
				Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	
Albania	2 842 321	0.35	1	0	0	0	0	0	0	0	0	1	0	0	0	Jan-23
Andorra	79 824	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Armenia	2 780 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Austria	8 939 617	0.22	2	0	0	0	1	0	0	0	0	0	0	0	1	Jan-23
Azerbaijan	10 358 074	0.10	1	0	0	0	1	0	0	0	0	0	0	0	0	Jan-23
Belarus	9 534 955	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Belgium	11 655 930	1.46	17	0	1	1	2	3	0	0	2	2	1	5	-	Dec-22
Bosnia and Herzegovina	3 233 527	1.86	6	1	1	0	0	0	1	0	1	2	0	0	0	Jan-23
Bulgaria	6 781 953	0.15	1	0	0	1	0	0	0	0	0	0	0	0	0	Jan-23
Croatia	4 030 358	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Cyprus	1 251 489	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Czech Republic	10 493 986	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Denmark	5 882 262	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Estonia	1 326 062	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Finland	5 540 746	0.18	1	0	0	0	0	0	0	0	1	0	0	0	-	Dec-22
France	64 626 628	0.34	22	1	0	7	1	0	4	2	2	2	0	0	3	Jan-23
Georgia	3 744 386	3.47	13	1	0	1	1	3	2	0	0	3	0	0	2	Jan-23
Germany	83 369 843	0.18	15	3	1	1	1	1	1	1	0	1	2	1	2	Jan-23
Greece	10 384 971	0.10	1	0	0	1	0	0	0	0	0	0	0	0	0	Jan-23
Hungary	9 967 308	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Iceland	372 899	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Ireland	5 023 109	0.40	2	0	0	1	0	0	0	0	0	0	1	0	0	Jan-23
Israel	9 038 309	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Italy	59 037 474	0.30	18	1	2	0	1	0	0	0	3	6	3	1	1	Jan-23
Kazakhstan	19 397 998	0.21	4	0	0	0	0	0	0	3	1	0	0	-	0	Jan-23
Kyrgyzstan	6 630 623	3.62	24	0	7	1	0	0	0	0	1	1	0	12	2	Jan-23
Latvia	1 850 651	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Lithuania	2 750 055	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Luxembourg	647 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Malta	533 286	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Monaco	36 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Montenegro	627 083	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Netherlands	17 564 014	0.34	6	0	0	0	0	0	0	1	0	0	5	0	0	Jan-23
North Macedonia	2 093 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Norway	5 434 319	0.18	1	0	0	0	0	0	0	1	0	0	0	0	0	Jan-23
Poland	39 857 146	0.63	25	2	3	3	2	2	1	3	2	3	1	3	-	Dec-22
Portugal	10 270 865	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Republic of Moldova	3 272 996	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Romania	19 659 267	0.46	9	1	2	0	1	1	2	0	0	0	0	2	-	Dec-22
Russian Federation	144 713 314	1.61	233	0	3	5	3	6	0	6	3	6	14	64	123	Jan-23
San Marino	33 661	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Serbia	7 221 366	3.32	24	0	0	0	0	0	0	0	0	0	0	0	24	Jan-23
Slovakia	5 643 453	0.18	1	0	0	0	0	0	0	0	0	0	0	0	1	Jan-23
Slovenia	2 119 844	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Spain	47 558 630	0.04	2	0	0	0	0	0	0	0	0	0	0	1	1	Jan-23
Sweden	10 549 347	0.38	4	0	0	0	1	3	0	0	0	0	0	0	0	Jan-23
Switzerland	8 740 472	0.23	2	0	0	0	0	0	0	0	0	0	0	1	1	Jan-23
Tajikistan	9 952 787	51.54	513	22	49	46	40	49	50	33	48	47	33	21	75	Jan-23
Türkiye	85 341 241	3.35	286	1	9	11	7	11	12	6	9	16	17	25	162	Jan-23
Turkmenistan	6 430 771	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Ukraine	39 701 739	0.28	11	1	1	0	0	2	1	0	0	0	3	2	1	Jan-23
United Kingdom	67 508 936	0.83	56	0	0	0	3	23	13	3	1	4	1	2	6	Jan-23
Uzbekistan	34 627 653	0.23	8	0	0	4	2	2	0	0	0	0	0	0	0	Jan-23
Region	931 065 684	1.41	1309	34	79	83	67	106	87	59	74	94	81	140	405	

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Member States submitting aggregate data: Belgium, Bosnia and Herzegovina, Kazakhstan, North Macedonia, Poland (since Feb 2019) and Serbia.

¹ Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2022 Revision.

Tables 1–4, criteria for date of case inclusion may differ in accordance with Member States' surveillance systems.

Table 2: Reported rubella cases for the period February 2022—January 2023 (data as of 02 March 2023)

Country	Total Population in 2022 ¹	Incidence Rate February 2022-January 2023 (per 1 million population)	Total rubella cases	Month and year of rash onset												Month & year of last report
				Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	
Albania	2 842 321	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Andorra	79 824	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Armenia	2 780 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Austria	8 939 617	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Azerbaijan	10 358 074	0.39	4	0	0	2	0	0	1	0	1	0	0	0	0	Jan-23
Belarus	9 534 955	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Belgium ²	11 655 930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 233 527	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Bulgaria	6 781 953	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Croatia	4 030 358	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Cyprus	1 251 489	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Czech Republic	10 493 986	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Denmark ²	5 882 262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 326 062	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Finland	5 540 746	0.18	1	0	0	1	0	0	0	0	0	0	0	0	-	Dec-22
France ²	64 626 628	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 744 386	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Germany	83 369 843	0.08	7	0	0	0	0	2	1	1	2	0	0	1	-	Dec-22
Greece	10 384 971	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Hungary	9 967 308	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Iceland	372 899	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Ireland	5 023 109	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Israel	9 038 309	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Italy	59 037 474	0.15	9	1	0	0	0	0	1	1	2	0	1	1	2	Jan-23
Kazakhstan	19 397 998	0.00	0	0	0	0	0	0	0	0	0	0	0	-	0	Jan-23
Kyrgyzstan	6 630 623	0.60	4	0	0	0	0	0	0	0	0	1	0	1	2	Jan-23
Latvia	1 850 651	0.54	1	0	0	0	0	0	0	0	0	1	0	0	-	Dec-22
Lithuania	2 750 055	0.36	1	0	0	0	0	0	0	0	0	0	1	0	-	Dec-22
Luxembourg	647 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Malta	533 286	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Monaco	36 469	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Montenegro	627 083	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Netherlands	17 564 014	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
North Macedonia	2 093 599	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Norway	5 434 319	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Poland	39 857 146	3.61	144	3	14	15	8	13	11	13	11	20	14	22	-	Dec-22
Portugal	10 270 865	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Republic of Moldova	3 272 996	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Romania	19 659 267	0.00	0	0	0	0	0	0	0	0	0	0	0	0	-	Dec-22
Russian Federation	144 713 314	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
San Marino	33 661	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Serbia	7 221 366	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No report
Slovakia	5 643 453	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Slovenia	2 119 844	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Spain	47 558 630	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Sweden	10 549 347	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Switzerland	8 740 472	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Tajikistan	9 952 787	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Türkiye	85 341 241	0.52	44	3	7	3	2	6	5	0	1	3	5	5	4	Jan-23
Turkmenistan	6 430 771	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Ukraine	39 701 739	0.15	6	0	0	0	1	2	0	1	0	1	1	0	0	Jan-23
United Kingdom	67 508 936	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Uzbekistan	34 627 653	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	Jan-23
Region	931 065 684	0.24	221	7	21	21	11	23	19	16	17	26	22	30	8	

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 2023 (data as of 02 March 2023)

Country	Total Population in 2022 ¹	2022 (as of 02 March 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	2 842 321	0.35	1	0	0	0	0	0	1	-	-	100%	100%	Jan-23	100%	0.0	-	100%
Andorra	79 824	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Armenia	2 780 469	0.00	0	-	0	0	0	0	1	-	-	100%	100%	Jan-23	100%	0.0	-	100%
Austria	8 939 617	0.11	1	0	1	1	0	0	0	1	0	100%	100%	Jan-23	100%	0.0	100%	0%
Azerbaijan	10 358 074	0.10	1	0	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Belarus ⁷	9 534 955	0.00	0	-	0	0	0	0	11	-	-	100%	100%	Jan-23	100%	0.1	-	0%
Belgium	11 655 930	1.46	17	0	-	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Bosnia and Herzegovina	3 233 527	1.86	6	0	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Bulgaria	6 781 953	0.15	1	0	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Croatia	4 030 358	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Cyprus	1 251 489	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Czech Republic	10 493 986	0.00	0	-	0	0	0	0	-	-	-	100%	0%	Jan-23	-	-	-	-
Denmark	5 882 262	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Estonia	1 326 062	0.00	0	-	0	0	0	0	25	-	-	100%	100%	Jan-23	100%	1.9	-	100%
Finland	5 540 746	0.18	1	0	-	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
France	64 626 628	0.29	19	0	3	2	0	1	-	1	0	100%	100%	Jan-23	100%	-	100%	0%
Georgia	3 744 386	3.20	12	0	2	2	0	0	1	0	0	100%	100%	Jan-23	100%	0.0	100%	67%
Germany	83 369 843	0.18	15	0	2	1	0	1	-	0	0	100%	100%	Jan-23	50%	-	50%	0%
Greece	10 384 971	0.10	1	0	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Hungary	9 967 308	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Iceland	372 899	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Ireland	5 023 109	0.40	2	0	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Israel	9 038 309	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Italy	59 037 474	0.30	18	0	1	1	0	0	3	0	0	100%	100%	Jan-23	100%	0.0	0	0%
Kazakhstan	19 397 998	0.21	4	0	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Kyrgyzstan ⁷	6 630 623	3.47	23	0	2	2	0	0	24	1	0	100%	100%	Jan-23	100%	0.4	50%	96%
Latvia	1 850 651	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Lithuania	2 750 055	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Luxembourg	647 599	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Malta	533 286	0.00	0	-	-	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Monaco	36 469	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Montenegro	627 083	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Netherlands	17 564 014	0.34	6	0	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
North Macedonia	2 093 599	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Norway	5 434 319	0.18	1	0	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Poland	39 857 146	0.68	27	0	-	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Portugal	10 270 865	0.00	0	-	0	0	0	0	1	-	-	100%	100%	Jan-23	100%	0.0	-	0%
Republic of Moldova	3 272 996	0.00	0	-	0	0	0	0	5	-	-	100%	100%	Jan-23	100%	0.2	-	100%
Romania	19 659 267	0.46	9	0	-	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Russian Federation	144 713 314	0.79	114	0	123	121	1	1	343	6	0	100%	100%	Jan-23	100%	0.2	100%	21%
San Marino	33 661	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Serbia	7 221 366	0.00	0	-	24	23	0	1	-	-	0	100%	100%	Jan-23	-	-	-	-
Slovakia	5 643 453	0.00	0	-	1	1	0	0	0	1	0	100%	100%	Jan-23	100%	0.0	100%	100%
Slovenia	2 119 844	0.00	0	-	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Spain	47 558 630	0.02	1	0	1	1	0	0	8	0	0	100%	100%	Jan-23	89%	0.0	100%	100%
Sweden	10 549 347	0.38	4	0	0	0	0	0	-	-	-	100%	100%	Jan-23	-	-	-	-
Switzerland	8 740 472	0.11	1	0	1	1	0	0	20	1	0	100%	100%	Jan-23	100%	0.2	100%	0%
Tajikistan	9 952 787	45.72	455	0	75	31	44	0	8	75	0	100%	100%	Jan-23	100%	0.1	100%	100%
Türkiye ⁷	85 341 241	1.48	126	0	162	162	0	0	188	0	0	100%	100%	Jan-23	100%	0.2	93%	99%
Turkmenistan ⁷	6 430 771	0.00	0	-	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Ukraine	39 701 739	0.28	11	0	1	0	0	1	1	0	0	100%	100%	Jan-23	50%	0.0	100%	100%
United Kingdom	67 508 936	0.77	52	0	6	6	0	0	-	1	0	100%	100%	Jan-23	100%	-	83%	0%
Uzbekistan	34 627 653	0.23	8	0	0	0	0	0	0	-	-	100%	100%	Jan-23	-	0.0	-	-
Region	931 065 684	1.01	937	0	405	355	45	5	640	87	0	83%	81%		100%	0.1	96%	59%

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe directly or via ECDC/TESSy. Member States submitting aggregate data: Belgium, Bosnia and Herzegovina, Kazakhstan, North Macedonia, Poland (since Feb 2019) and Serbia.

¹ Population source: United Nations, Department of Economic and Social Affairs, Population Division. World Population Prospects: The 2022 Revision.

² All confirmed measles cases regardless of origin.

³ Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

⁴ Target (>=80%) not achieving are highlighted in red.

⁵ Rate of discarded cases not achieving the target (>=2 discarded cases per 100 000) are highlighted in red. Rate of discarded cases is not calculated for the countries submitting only confirmed measles cases.

⁶ Surveillance indicators can not be calculated for Member States submitting aggregate data.

⁷ Country classifies discard cases as "discarded, not measles, not rubella".

Table 4: Rubella classification, reporting and surveillance performance, January 2023 (data as of 02 March 2023)

Country	Total Population in 2022 ¹	2022 (as of 02 March 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	2 842 321	0.00	0	0	0	0	0	1	-	100%	100%	Jan-23	100%	0.0	-	100%
Andorra	79 824	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Armenia	2 780 469	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Austria	8 939 617	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Azerbaijan	10 358 074	0.39	4	0	0	0	0	1	-	100%	100%	Jan-23	0%	0.0	-	100%
Belarus ⁷	9 534 955	0.00	0	0	0	0	0	11	-	100%	100%	Jan-23	100%	0.1	-	0%
Belgium ⁸	11 655 930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bosnia and Herzegovina	3 233 527	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Bulgaria	6 781 953	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Croatia	4 030 358	0.00	0	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Cyprus	1 251 489	0.00	0	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Czech Republic	10 493 986	0.00	0	0	0	0	0	-	-	100%	0%	Jan-23	-	-	-	-
Denmark ⁸	5 882 262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	1 326 062	0.00	0	0	0	0	0	9	-	100%	100%	Jan-23	100%	0.7	-	100%
Finland	5 540 746	0.18	1	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
France ⁸	64 626 628	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	3 744 386	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Germany	83 369 843	0.11	9	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Greece	10 384 971	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Hungary	9 967 308	0.00	0	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Iceland	372 899	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Ireland	5 023 109	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Israel	9 038 309	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Italy	59 037 474	0.12	7	2	2	0	0	0	0	100%	100%	Jan-23	100%	0.0	100%	0%
Kazakhstan	19 397 998	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Kyrgyzstan ⁷	6 630 623	0.30	2	2	2	0	0	24	0	100%	100%	Jan-23	92%	0.4	0%	88%
Latvia	1 850 651	0.54	1	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Lithuania	2 750 055	0.36	1	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Luxembourg	647 599	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Malta	533 286	0.00	0	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Monaco	36 469	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Montenegro	627 083	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Netherlands	17 564 014	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
North Macedonia	2 093 599	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Norway	5 434 319	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Poland	39 857 146	3.81	152	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Portugal	10 270 865	0.00	0	0	0	0	0	1	-	100%	100%	Jan-23	100%	0.0	-	0%
Republic of Moldova	3 272 996	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Romania	19 659 267	0.00	0	-	-	-	-	-	-	0%	0%	Dec-22	-	-	-	-
Russian Federation	144 713 314	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
San Marino	33 661	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Serbia	7 221 366	-	-	-	-	-	-	-	-	-	-	No report	-	-	-	-
Slovakia	5 643 453	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Slovenia	2 119 844	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Spain	47 558 630	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Sweden	10 549 347	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Switzerland	8 740 472	0.00	0	0	0	0	0	2	-	100%	100%	Jan-23	100%	0.0	-	0%
Tajikistan	9 952 787	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Türkiye ⁷	85 341 241	0.47	40	4	4	0	0	188	0	100%	100%	Jan-23	100%	0.2	100%	98%
Turkmenistan ⁷	6 430 771	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Ukraine	39 701 739	0.23	9	0	0	0	0	1	-	100%	100%	Jan-23	100%	0.0	-	100%
United Kingdom	67 508 936	0.00	0	0	0	0	0	-	-	100%	100%	Jan-23	-	-	-	-
Uzbekistan	34 627 653	0.00	0	0	0	0	0	0	-	100%	100%	Jan-23	-	0.0	-	-
Region	931 065 684	0.24	226	8	8	0	0	238	0	74%	72%		99%	0.0	75%	91%

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 2023 (data as of 02 March 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	1	0 (0)	-	-	0	-	-	-	100%	100%	Jan-23
Andorra											No lab
Armenia	-	-	-	-	-	-	-	-	-	-	No report
Austria	123	0 (0)	B3,D8	100%	460	0 (0)	-	-	100%	100%	Jan-23
Azerbaijan	1	0 (0)	-	-	0	-	-	-	100%	100%	Jan-23
Belarus	-	-	-	-	-	-	-	-	-	-	No report
Belgium	-	-	-	-	-	-	-	-	-	-	No report
Bosnia and Herzegovina	5	0 (0)	-	-	4	0 (0)	-	-	100%	100%	Jan-23
Bulgaria	3	0 (0)	-	-	3	0 (0)	-	-	100%	100%	Jan-23
Croatia	0	-	-	-	0	-	-	-	100%	100%	Jan-23
Cyprus	6	0 (0)	-	-	5	0 (0)	-	-	100%	0%	Jan-23
Czech Republic	1	0 (0)	-	-	6	0 (0)	-	-	100%	100%	Jan-23
Denmark	79	2 (3)	-	-	2	1 (50)	-	-	100%	100%	Jan-23
Estonia	6	0 (0)	-	-	0	-	-	-	100%	100%	Jan-23
Finland	2	0 (0)	-	-	2	0 (0)	-	-	100%	100%	Jan-23
France	-	-	-	-	-	-	-	-	-	-	No report
Georgia	4	2 (50)	-	-	4	0 (0)	-	-	100%	100%	Jan-23
Germany	18	0 (0)	-	-	18	0 (0)	-	-	100%	0%	Jan-23
Greece	-	-	-	-	-	-	-	-	-	-	No report
Hungary	7	0 (0)	-	-	8	0 (0)	-	-	100%	100%	Jan-23
Iceland	-	-	-	-	-	-	-	-	-	-	No report
Ireland	56	2 (4)	-	-	186	0 (0)	-	-	100%	100%	Jan-23
Israel	18	2 (11)	-	-	37	23 (62)	-	-	100%	100%	Jan-23
Italy	20	4 (20)	D8	100%	0	-	-	-	100%	100%	Jan-23
Kazakhstan	3	0 (0)	-	-	1	0 (0)	-	-	100%	100%	Jan-23
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No report
Latvia	14	0 (0)	-	-	14	1 (7)	-	-	100%	100%	Jan-23
Lithuania	1	0 (0)	-	-	1	0 (0)	-	-	100%	100%	Jan-23
Luxembourg	3	0 (0)	-	-	0	-	-	-	100%	100%	Jan-23
Malta	-	-	-	-	-	-	-	-	-	-	No report
Monaco											No lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No report
Netherlands	1	0 (0)	-	-	0	-	-	-	100%	100%	Jan-23
North Macedonia	-	-	-	-	-	-	-	-	-	-	No report
Norway	0	-	-	-	0	-	-	-	100%	100%	Jan-23
Poland	-	-	-	-	-	-	-	-	-	-	No report
Portugal	0	-	-	-	1	0 (0)	-	-	100%	100%	Jan-23
Republic of Moldova	5	0 (0)	-	-	5	0 (0)	-	-	100%	100%	Jan-23
Romania	13	2 (15)	D8	100%	13	0 (0)	-	-	100%	100%	Jan-23
Russian Federation	528	197 (37)	D8	100%	458	18 (4)	-	-	100%	100%	Jan-23
San Marino											No lab
Serbia	60	26 (43)	-	-	83	0 (0)	-	-	100%	100%	Jan-23
Slovakia	4	3 (75)	-	-	1	0 (0)	-	-	100%	100%	Jan-23
Slovenia	4	0 (0)	-	-	1	0 (0)	-	-	100%	100%	Jan-23
Spain	-	-	D8	100%	-	-	-	-	-	-	No report
Sweden	83	0 (0)	-	-	184	1 (1)	-	-	100%	100%	Jan-23
Switzerland	21	6 (29)	B3,D8	100%	0	-	-	-	100%	100%	Jan-23
Tajikistan	-	-	-	-	-	-	-	-	-	-	No report
Türkiye	-	-	-	-	-	-	-	-	-	-	No report
Turkmenistan	-	-	-	-	-	-	-	-	-	-	No report
Ukraine	0	-	-	-	0	-	-	-	100%	100%	Jan-23
United Kingdom	133	12 (9)	B3,D8	100%	9	0 (0)	-	-	100%	100%	Jan-23
Uzbekistan	1	0 (0)	-	-	1	0 (0)	-	-	100%	100%	Jan-23
Region	1224	258 (21)	-	100%	1507	44 (3)	-	-	66%	62%	

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-gmrii.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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