

A monthly summary of the epidemiological data on selected Vaccine-preventable diseases in the European Region

Table 1: Reported measles cases for the period April 2016 — March 2017 (data as of 01 May 2017)

Country	Total Population in 2016 ¹	Incidence Rate Apr 16 - Mar 17 (per 1 million population) ²	Total measles cases	Month and year of rash onset												Month & year of last report
				Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	
Albania	2 903 700	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Andorra	69 165	0.0	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-17
Armenia	3 026 048	0.7	2	-	-	0	2	0	0	0	0	0	0	0	0	Mar-17
Austria	8 569 633	11.3	97	2	1	2	9	1	5	3	1	4	33	29	7	Mar-17
Azerbaijan	9 868 447	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Belarus	9 481 521	3.1	29	0	0	0	15	6	1	5	1	0	0	0	1	Mar-17
Belgium	11 371 928	27.8	316	23	17	9	1	0	2	2	0	0	27	79	156	Mar-17
Bosnia and Herzegovina	3 802 134	2.9	11	-	-	-	-	-	-	-	-	-	2	7	2	Mar-17
Bulgaria	7 097 796	0.0	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-17
Croatia	4 225 001	2.6	11	2	0	0	1	0	1	0	0	0	2	5	0	Mar-17
Cyprus	1 176 598	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Czech Republic	10 548 058	3.0	32	2	2	0	0	1	0	0	1	0	0	0	26	Mar-17
Denmark	5 690 750	0.7	4	1	0	0	0	1	0	0	0	1	0	0	1	Mar-17
Estonia	1 309 104	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Finland	5 523 904	0.7	4	1	0	0	0	0	0	0	0	3	0	0	0	Mar-17
France	64 668 129	2.6	169	3	0	7	6	4	7	2	2	4	34	53	47	Mar-17
Georgia	3 979 781	3.3	13	2	0	4	3	1	1	0	2	0	0	0	0	Mar-17
Germany	80 682 351	8.8	708	33	60	51	44	29	24	16	31	11	90	172	147	Mar-17
Greece	10 919 459	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Hungary	9 821 318	1.5	15	0	0	0	0	0	0	0	0	0	1	11	3	Mar-17
Iceland	331 778	3.0	1	0	0	0	0	1	0	0	0	0	0	0	-	Feb-17
Ireland	4 713 993	9.5	45	2	24	8	4	4	0	0	0	0	0	1	2	Mar-17
Israel	8 192 463	0.9	7	0	0	1	0	1	5	-	0	0	0	0	-	Feb-17
Italy	59 801 004	22.0	1315	76	84	84	46	34	56	76	84	90	265	419	1	Mar-17
Kazakhstan	17 855 384	2.4	43	13	19	0	11	-	0	0	0	0	0	0	0	Mar-17
Kyrgyzstan	6 033 769	0.2	1	0	0	0	0	0	0	0	0	-	0	1	0	Mar-17
Latvia	1 955 742	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Lithuania	2 850 030	7.7	22	10	10	2	0	0	0	0	0	0	0	0	0	Mar-17
Luxembourg	576 243	5.2	3	0	0	0	0	0	0	0	0	0	0	0	3	Mar-17
Malta	419 615	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Monaco	37 862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Montenegro	626 101	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Netherlands	16 979 729	0.4	6	0	0	0	0	2	0	0	0	4	0	0	0	Mar-17
Norway	5 271 958	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Poland	38 593 161	3.8	147	1	2	5	18	42	33	21	7	7	6	2	3	Mar-17
Portugal	10 304 434	1.2	12	0	0	0	0	0	0	0	0	0	0	2	10	Mar-17
Republic of Moldova	4 062 862	0.0	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-17
Romania	19 372 734	158.6	3072	67	78	117	114	182	219	426	614	506	484	104	161	Mar-17
Russian Federation	143 439 832	1.1	159	10	33	6	7	5	3	21	52	22	0	0	0	Mar-17
San Marino	31 950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Serbia	8 812 705	2.2	19	0	0	0	0	0	0	0	5	8	0	6	0	Mar-17
Slovakia	5 429 418	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Slovenia	2 069 362	3.4	7	0	1	0	0	0	0	0	0	0	2	4	0	Mar-17
Spain	46 064 604	1.8	83	9	0	2	3	2	3	2	6	2	10	26	18	Mar-17
Sweden	9 851 852	2.1	21	1	0	0	0	2	0	0	0	0	2	8	8	Mar-17
Switzerland	8 379 477	12.9	108	18	9	1	1	2	5	2	4	12	16	25	13	Mar-17
Tajikistan	8 669 464	30.0	260	0	7	9	0	0	0	1	24	11	44	67	97	Mar-17
The former Yugoslav Republic of Macedonia	2 081 012	0.0	0	0	-	0	0	-	0	0	0	0	0	0	0	Mar-17
Turkey	79 622 062	0.1	8	0	3	3	2	-	-	0	-	-	-	-	-	Oct-16
Turkmenistan	5 438 670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	44 624 373	3.8	168	3	2	0	0	5	-	8	44	24	25	14	43	Mar-17
United Kingdom	65 111 143	7.9	517	56	48	76	132	108	29	37	14	1	10	1	5	Mar-17
Uzbekistan	30 300 446	0.0	0	0	0	0	-	0	-	0	-	0	0	0	0	Mar-17
Total/Averages	912 640 057	8.15	7435	335	400	387	419	433	394	622	892	710	1053	1036	754	

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

¹ Source: "World Population Prospects: The 2015 Revision", New York, United Nations.

² Incidence not meeting the target (<1) is highlighted in red.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, San Marino, Serbia, the former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine.

For tables 1-4, the reporting of these data by year and month are based on cases with disease onset date during the above 12-month period and corresponding month. Where the disease onset date was unavailable, cases with the date of notification reported during these respective time periods were included as date of onset. These reports produced by national or partner agencies may differ if other dates (e.g. date of case reporting) were used.

Table 2: Reported rubella cases for the period April 2016 — March 2017 (data as of 01 May 2017)

Country	Total Population in 2016 ¹	Incidence Rate Apr 16 - Mar 17 (per 1 million population) ²	Total rubella cases	Month and year of rash onset												Month & year of last report	
				Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17		
Albania	2 903 700	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Andorra	69 165	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-17
Armenia	3 026 048	0.0	0	-	-	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Austria	8 569 633	3.2	27	0	0	0	0	1	0	0	0	0	0	6	20	Mar-17	
Azerbaijan	9 868 447	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Belarus	9 481 521	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Belgium ³	11 371 928	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Bosnia and Herzegovina	3 802 134	0.0	0	-	-	-	-	-	-	-	-	-	0	0	-	Feb-17	
Bulgaria	7 097 796	0.4	3	0	0	0	1	0	0	0	1	1	0	0	0	Mar-17	
Croatia	4 225 001	0.5	2	0	2	0	0	0	0	0	0	0	-	-	-	Dec-16	
Cyprus	1 176 598	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Czech Republic	10 548 058	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Denmark ³	5 690 750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Estonia	1 309 104	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Finland	5 523 904	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
France ³	64 668 129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Georgia	3 979 781	3.0	12	1	3	3	1	0	0	1	0	1	1	1	0	Mar-17	
Germany	80 682 351	1.2	96	19	13	10	16	3	3	5	7	4	5	4	7	Mar-17	
Greece	10 919 459	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Hungary	9 821 318	0.0	0	0	0	0	0	0	0	0	0	0	0	-	-	Jan-17	
Iceland	331 778	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Ireland	4 713 993	0.2	1	0	0	0	0	0	0	0	0	0	0	0	1	Mar-17	
Israel	8 192 463	0.1	1	1	0	0	0	0	0	-	0	0	0	0	-	Feb-17	
Italy	59 801 004	0.5	30	1	7	5	1	1	0	2	4	3	0	6	0	Mar-17	
Kazakhstan	17 855 384	0.2	3	1	0	0	0	-	1	0	1	0	0	0	-	Feb-17	
Kyrgyzstan	6 033 769	0.5	3	0	0	1	0	0	0	0	0	-	0	1	1	Mar-17	
Latvia	1 955 742	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Lithuania	2 850 030	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Luxembourg	576 243	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Malta	419 615	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Monaco	37 862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Montenegro	626 101	0.0	0	0	0	0	0	0	0	0	0	0	0	0	-	Feb-17	
Netherlands	16 979 729	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Norway	5 271 958	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Poland	38 593 161	23.3	898	151	110	116	54	53	48	81	64	76	53	40	52	Mar-17	
Portugal	10 304 434	0.5	5	0	1	2	0	0	0	0	1	0	0	0	1	Mar-17	
Republic of Moldova	4 062 862	0.0	0	0	0	-	-	0	0	0	0	0	0	0	-	Feb-17	
Romania	19 372 734	0.7	13	1	2	1	0	3	0	1	2	2	1	-	-	Jan-17	
Russian Federation	143 439 832	-	-	6	1	1	0	0	3	0	0	1	0	0	0	Mar-17	
San Marino	31 950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Serbia	8 812 705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Slovakia	5 429 418	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Slovenia	2 069 362	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Spain	46 064 604	0.0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Sweden	9 851 852	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Switzerland	8 379 477	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Tajikistan	8 669 464	0.1	1	0	0	0	0	0	0	0	0	0	1	0	-	Feb-17	
The former Yugoslav Republic of Macedonia	2 081 012	0.0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	Mar-17
Turkey	79 622 062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Turkmenistan	5 438 670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	44 624 373	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
United Kingdom	65 111 143	0.0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	Mar-17
Uzbekistan	30 300 446	0.0	0	0	0	0	-	0	-	0	-	0	0	0	0	0	Mar-17
Total/Averages	912 640 057	1.20	1097	182	139	139	73	61	55	90	81	88	61	58	82		

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

¹ Source: "World Population Prospects: The 2015 Revision", New York, United Nations.

² Incidence not meeting the target (<1) is highlighted in red.

³ Belgium, Denmark, and France do not have comprehensive rubella surveillance systems.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, San Marino, Serbia, the former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine.

Table 3: Measles classification, reporting and surveillance performance, January — March 2017 (data as of 01 May 2017)

Country	Total Population in 2016 ¹	2016 (as of 01 May 2017)		2017													
		Incidence Rate (per 1 million population) ²	Total measles cases ³	Annualized Incidence Rate (per 1 million population) ²	Total measles cases ³	Classification			Discarded Measles	Imported cases	Reporting			Surveillance Indicators			
						Lab confirmed	Epi-Link	Clinically compatible ⁴			Completeness	Timeliness	Month & year of last report	Laboratory investigation rate	Rate of discarded cases	Origin of infection	Timeliness of investigation
Albania	2 903 700	0	0	0	0	0	0	0	0	0	100%	67%	Mar-17	-	0.00	-	-
Andorra	69 165	0	0	0	0	0	0	0	0	0	67%	67%	Feb-17	-	0.00	-	-
Armenia	3 026 048	0.7	2	0	0	0	0	0	13	0	100%	100%	Mar-17	100%	0.43	100%	92%
Austria	8 569 633	1.6	28	1.8	69	60	8	1	33	6	100%	100%	Mar-17	73%	0.39	93%	4%
Azerbaijan	9 868 447	0	0	0	0	0	0	0	14	0	100%	100%	Mar-17	71%	0.14	50%	36%
Belarus	9 481 521	1.6	29	0.0	1	1	0	0	67	0	100%	100%	Mar-17	100%	0.71	1%	1%
Belgium	11 371 928	10.2	119	5.8	262	0	0	262	0	0	100%	100%	Mar-17	0%	0.00	0	0
Bosnia and Herzegovina	3 802 134	11.8	45	0.7	11	0	0	11	0	0	100%	67%	Mar-17	0%	0.00	0	0
Bulgaria	7 097 796	0.1	1	0	0	0	0	0	0	0	67%	67%	Feb-17	-	0.00	-	-
Croatia	4 225 001	0	4	0.4	7	7	0	0	1	0	100%	67%	Mar-17	100%	0.02	75%	0
Cyprus	1 176 598	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Czech Republic	10 548 058	0.2	7	0.6	26	25	1	0	0	1	100%	100%	Mar-17	100%	0.00	96%	88%
Denmark	5 690 750	0	3	0	1	1	0	0	0	1	100%	100%	Mar-17	100%	0.00	100%	0
Estonia	1 309 104	0	2	0	0	0	0	0	22	0	100%	100%	Mar-17	100%	1.68	0	100%
Finland	5 523 904	0.5	5	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
France	64 668 129	1.0	79	0.5	134	93	13	28	0	15	100%	100%	Mar-17	90%	0.00	87%	0
Georgia	3 979 781	3.5	14	0	0	0	0	0	9	0	100%	100%	Mar-17	78%	0.23	100%	100%
Germany	80 682 351	3.4	328	1.2	409	264	129	16	0	19	100%	100%	Mar-17	93%	0.00	84%	0
Greece	10 919 459	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Hungary	9 821 318	0	0	0.4	15	15	0	0	0	1	100%	67%	Mar-17	100%	0.00	20%	93%
Iceland	331 778	0	1	0	0	0	0	0	0	0	67%	67%	Feb-17	-	0.00	-	-
Ireland	4 713 993	8.5	43	0.2	3	1	0	2	0	0	100%	100%	Mar-17	67%	0.00	33%	67%
Israel	8 192 463	1.0	10	0	0	0	0	0	0	0	67%	33%	Feb-17	-	0.00	-	-
Italy	59 801 004	13.8	864	2.8	685	520	66	99	12	6	100%	100%	Mar-17	85%	0.02	87%	0%
Kazakhstan	17 855 384	2.4	43	0	0	0	0	0	0	0	100%	67%	Mar-17	-	0.00	-	-
Kyrgyzstan	6 033 769	0	0	0.0	1	1	0	0	52	0	100%	100%	Mar-17	2%	0.86	100%	0
Latvia	1 955 742	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Lithuania	2 850 030	7.7	22	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Luxembourg	576 243	0	0	0.4	3	3	0	0	0	2	100%	100%	Mar-17	100%	0.00	67%	100%
Malta	419 615	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Monaco	37 862	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Montenegro	626 101	0	0	0	0	0	0	0	0	0	100%	67%	Mar-17	-	0.00	-	-
Netherlands	16 979 729	0.1	6	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Norway	5 271 958	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Poland	38 593 161	2.4	138	0.1	11	9	0	2	0	3	100%	100%	Mar-17	82%	0.00	109%	100%
Portugal	10 304 434	0	0	0.3	12	9	0	3	4	1	100%	100%	Mar-17	94%	0.04	100%	75%
Republic of Moldova	4 062 862	0	0	0	0	0	0	0	0	0	67%	67%	Feb-17	-	0.00	-	-
Romania	19 372 734	125.3	2432	9.7	749	306	440	3	0	1	100%	100%	Mar-17	100%	0.00	143%	100%
Russian Federation	143 439 832	1.1	178	0	0	0	0	0	0	0	100%	33%	No Report	-	0.00	-	-
San Marino	31 950	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Serbia	8 812 705	1.6	14	0.2	6	0	0	6	0	0	100%	100%	Mar-17	0%	0.00	0	0
Slovakia	5 429 418	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Slovenia	2 069 362	0	1	0.6	6	6	0	0	0	1	100%	100%	Mar-17	100%	0.00	100%	100%
Spain	46 064 604	0.6	38	0.3	54	54	0	0	37	5	100%	67%	Mar-17	98%	0.08	52%	98%
Sweden	9 851 852	0	3	0.3	18	18	0	0	4	5	100%	100%	Mar-17	100%	0.04	100%	0
Switzerland	8 379 477	6.3	66	1.6	54	42	10	2	36	2	100%	100%	Mar-17	96%	0.43	52%	69%
Tajikistan	8 669 464	6.0	52	2.8	208	130	78	0	75	111	100%	100%	Mar-17	100%	0.87	49%	100%
The former Yugoslav Republic of Macedonia	2 081 012	0	0	0	0	0	0	0	0	0	100%	67%	Mar-17	-	0.00	-	-
Turkey	79 622 062	0.1	9	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Turkmenistan	5 438 670	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Ukraine	44 624 373	2.0	90	0.5	82	22	0	60	0	0	100%	100%	Mar-17	0%	0.00	0	0
United Kingdom	65 111 143	8.2	571	0.0	16	16	0	0	0	9	100%	100%	Mar-17	100%	0.00	81%	0
Uzbekistan	30 300 446	0.0	1	0	0	0	0	0	21	0	100%	33%	Mar-17	100%	0.07	100%	81%
Total/Averages	912 640 057	5.4	5248	0.7	2843	1603	745	495	400	189	89.3%	81.1%		81.8%	0.044	82.6%	50.9%

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

¹ Source: "World Population Prospects: The 2015 Revision", New York, United Nations.

² Incidence not meeting the target (<1) and countries not reporting monthly measles data are highlighted in red. The imported measles cases are excluded from the numerator while calculating the incidence rate.

³ All confirmed measles cases regardless of origin.

⁴ Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, San Marino, Serbia, the former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine.

Table 4: Rubella classification, reporting and surveillance performance, January — March 2017 (data as of 01 May 2017)

Country	Total Population in 2016 ¹	2016 (as of 01 May 2017)		2017													
		Incidence Rate (per 1 million population) ²	Total rubella cases ³	Annualized Incidence Rate (per 1 million population) ²	Total rubella cases ³	Classification					Reporting			Surveillance Indicators			
						Lab confirmed	Epi-Link	Clinically compatible ⁴	Discarded Rubella	Imported cases	Completeness	Timeliness	Month of last report	Laboratory investigation rate	Rate of discarded cases	Origin of infection	Timeliness of investigation
Albania	2 903 700	0	0	0	0	0	0	0	0	0	100%	67%	Mar-17	-	0.00	-	-
Andorra	69 165	0	0	0	0	0	0	0	0	0	67%	67%	Feb-17	-	0.00	-	-
Armenia	3 026 048	0	0	0	0	0	0	0	1	0	100%	100%	Mar-17	100%	0.03	100%	100%
Austria	8 569 633	0.4	3	0.7	26	23	1	2	0	1	100%	100%	Mar-17	96%	0.00	96%	8%
Azerbaijan	9 868 447	0	0	0	0	0	0	0	8	0	100%	100%	Mar-17	88%	0.08	0%	75%
Belarus	9 481 521	0	0	0	0	0	0	0	67	0	100%	100%	Mar-17	0%	0.71	0%	0%
Belgium ⁵	11 371 928	-	-	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-
Bosnia and Herzegovina	3 802 134	0	0	0	0	0	0	0	0	0	67%	33%	Feb-17	-	0.00	-	-
Bulgaria	7 097 796	0.4	3	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Croatia	4 225 001	0	2	-	-	-	-	-	-	-	-	-	Dec-16	-	-	-	-
Cyprus	1 176 598	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Czech Republic	10 548 058	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Denmark ⁵	5 690 750	-	-	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-
Estonia	1 309 104	0	0	0	0	0	0	0	10	0	100%	100%	Mar-17	100%	0.76	90%	100%
Finland	5 523 904	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
France ⁵	64 668 129	-	-	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-
Georgia	3 979 781	3.0	12	0.1	2	1	0	1	14	0	100%	100%	Mar-17	100%	0.35	100%	100%
Germany	80 682 351	1.2	96	0.0	16	6	0	10	0	0	100%	100%	Mar-17	38%	0.00	31%	0%
Greece	10 919 459	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Hungary	9 821 318	0	0	0	0	0	0	0	0	0	33%	33%	Jan-17	-	0.00	-	-
Iceland	331 778	0	0	0	0	0	0	0	0	0	100%	67%	Mar-17	-	0.00	-	-
Ireland	4 713 993	0.2	1	0.1	1	0	0	1	0	0	100%	100%	Mar-17	0%	0.00	0%	0%
Israel	8 192 463	0.1	1	0	0	0	0	0	0	0	67%	33%	Feb-17	-	0.00	-	-
Italy	59 801 004	0.5	29	0.0	6	2	2	2	0	0	100%	67%	Mar-17	100%	0.00	67%	0%
Kazakhstan	17 855 384	0.2	4	0	0	0	0	0	0	0	67%	33%	Feb-17	-	0.00	-	-
Kyrgyzstan	6 033 769	0.3	2	0.1	2	2	0	0	0	0	100%	100%	Mar-17	0%	0.00	100%	0%
Latvia	1 955 742	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Lithuania	2 850 030	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Luxembourg	576 243	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Malta	419 615	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Monaco	37 862	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Montenegro	626 101	0	0	0	0	0	0	0	0	0	67%	33%	Feb-17	-	0.00	-	-
Netherlands	16 979 729	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Norway	5 271 958	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Poland	38 593 161	29.6	1144	0.9	145	0	0	145	0	0	100%	100%	Mar-17	0%	0.00	0%	0%
Portugal	10 304 434	0.8	8	0.0	1	0	0	1	1	0	100%	100%	Mar-17	50%	0.01	100%	100%
Republic of Moldova	4 062 862	0	0	0	0	0	0	0	0	0	67%	67%	Feb-17	-	0.00	-	-
Romania	19 372 734	0.7	13	0.0	1	1	0	0	0	0	33%	33%	Jan-17	100%	0.00	100%	100%
Russian Federation	143 439 832	0.2	37	0	0	0	0	0	0	0	100%	33%	Mar-17	-	0.00	-	-
San Marino	31 950	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Serbia	8 812 705	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Slovakia	5 429 418	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Slovenia	2 069 362	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Spain	46 064 604	0.0	2	0	0	0	0	0	3	0	100%	100%	Mar-17	100%	0.01	100%	100%
Sweden	9 851 852	0	0	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Switzerland	8 379 477	0	0	0	0	0	0	0	3	0	100%	100%	Mar-17	100%	0.04	0%	0%
Tajikistan	8 669 464	0.1	1	0.0	1	1	0	0	4	0	67%	67%	Feb-17	100%	0.05	100%	100%
The former Yugoslav Republic of Macedonia	2 081 012	0	0	0	0	0	0	0	0	0	100%	67%	Mar-17	-	0.00	-	-
Turkey	79 622 062	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Turkmenistan	5 438 670	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Ukraine	44 624 373	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
United Kingdom	65 111 143	0.0	2	0	0	0	0	0	0	0	100%	100%	Mar-17	-	0.00	-	-
Uzbekistan	30 300 446	0	0	0	0	0	0	0	0	0	100%	33%	Mar-17	-	0.00	-	-
Total/Averages	912 640 057	1.5	1360	0.1	201	36	3	162	111	1	74.8%	67.3%		26.5%	0.012	23.4%	14.7%

Data source: Monthly aggregated and case-based data reported by Member States to WHO/Europe or via ECDC/TESSy.

¹ Source: World Population Prospects: The 2015 Revision, New York, United Nations.

² Incidence not meeting the target (<1) and countries not reporting monthly rubella data are highlighted in red. The imported rubella cases are excluded from the numerator while calculating the incidence rate.

³ All confirmed rubella cases regardless of origin.

⁴ Unless specified as laboratory confirmed or epi-linked, cases are classified as clinically compatible.

⁵ Belgium, Denmark, and France do not have comprehensive rubella surveillance systems.

Member States submitting aggregate data: Bosnia and Herzegovina, Kazakhstan, Republic of Moldova, San Marino, Serbia, the former Yugoslav Republic of Macedonia, Turkmenistan, Ukraine.

Table 5: Measles and rubella laboratory test results, January - March 2017 (data as of 01 May 2017)

Country	Measles				Rubella				Reporting to CISID / MRLDMS		
	Total specimens tested	Positive for measles (%)	Genotypes reported to MeaNS ¹	% sequencing reported within 60 days ¹	Total specimen tested	Positive for rubella (%)	Genotypes reported to RubeNS ²	% sequencing reported within 60 days ²	% Completeness	% Timeliness	Month of last report
Albania	2	0 (0.0)	-	-	1	0 (0.0)	-	-	100.0%	66.7%	Mar-17
Andorra	-	-	-	-	-	-	-	-	-	-	No Lab
Armenia	-	-	-	-	-	-	-	-	-	-	No Report
Austria	384	44 (11.0)	B3, D8	100%	1322	17 (1.0)	-	-	100.0%	100.0%	Mar-17
Azerbaijan	26	0 (0.0)	-	-	31	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Belarus	76	3 (4.0)	-	-	74	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Belgium	173	62 (36.0)	-	-	19	1 (5.0)	-	-	66.7%	33.3%	Feb-17
Bosnia and Herzegovina	1	0 (0.0)	-	-	1	0 (0.0)	-	-	66.7%	0	Mar-17
Bulgaria	62	35 (56.0)	-	-	46	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Croatia	-	-	-	-	-	-	-	-	-	-	No Report
Cyprus	36	1 (3.0)	-	-	81	2 (2.0)	-	-	66.7%	33.3%	Feb-17
Czech Republic	15	13 (87.0)	-	-	0	0	-	-	100.0%	66.7%	Mar-17
Denmark	138	6 (4.0)	-	-	16	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Estonia	24	0 (0.0)	-	-	88	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Finland	26	1 (4.0)	-	-	9	0 (0.0)	-	-	100.0%	100.0%	Mar-17
France	42	11 (26.0)	B3, D8	100%	14	0 (0.0)	-	-	33.3%	33.3%	Jan-17
Georgia	7	0 (0.0)	-	-	6	1 (17.0)	-	-	66.7%	0	Feb-17
Germany	-	-	-	-	-	-	-	-	-	-	No Report
Greece	-	-	-	-	-	-	-	-	-	-	No Report
Hungary	294	14 (5.0)	-	-	94	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Iceland	-	-	-	-	-	-	-	-	-	-	No Report
Ireland	159	7 (4.0)	B3	100%	456	2 (0.0)	-	-	100.0%	100.0%	Mar-17
Israel	41	5 (12.0)	-	-	104	27 (26.0)	-	-	100.0%	100.0%	Mar-17
Italy	1605	1322 (82.0)	B3, D8, H1	90%	392	14 (4.0)	-	-	100.0%	100.0%	Mar-17
Kazakhstan	12	0 (0.0)	-	-	11	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No Report
Latvia	58	0 (0.0)	-	-	75	2 (3.0)	-	-	100.0%	66.7%	Mar-17
Lithuania	16	0 (0.0)	-	-	16	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Luxembourg	25	3 (12.0)	D8	100%	2	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Malta	8	0 (0.0)	-	-	186	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Monaco	-	-	-	-	-	-	-	-	-	-	No Lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No Lab
Netherlands	25	6 (24.0)	-	-	27	0 (0.0)	-	-	33.3%	0	Feb-17
Norway	-	-	-	-	-	-	-	-	-	-	No Report
Poland	-	-	-	-	-	-	-	-	-	-	No Report
Portugal	6	2 (33.0)	-	-	4	0 (0.0)	-	-	100.0%	0	Mar-17
Republic of Moldova	19	0 (0.0)	-	-	19	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Romania	1114	862 (77.0)	B3	100%	234	1 (0.0)	-	-	100.0%	100.0%	Mar-17
Russian Federation	713	85 (12.0)	D8	80%	710	1 (0.0)	-	-	100.0%	100.0%	Mar-17
San Marino	-	-	-	-	-	-	-	-	-	-	No Lab
Serbia	7	2 (29.0)	-	-	7	0 (0.0)	-	-	100.0%	0	Mar-17
Slovakia	0	0	-	-	2	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Slovenia	56	17 (30.0)	B3	80%	5	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Spain	-	-	B3, D8	100%	-	-	-	-	-	-	No Report
Sweden	396	39 (10.0)	B3, D8	100%	453	1 (0.0)	-	-	100.0%	100.0%	Mar-17
Switzerland	91	63 (69.0)	-	-	0	0	-	-	100.0%	100.0%	Mar-17
Tajikistan	186	112 (60.0)	H1	100%	185	3 (2.0)	-	-	66.7%	0	Feb-17
The former Yugoslav Republic of Macedonia	3	0 (0.0)	-	-	53	1 (2.0)	-	-	66.7%	33.3%	Feb-17
Turkey	526	11 (2.0)	-	-	457	6 (1.0)	-	-	100.0%	100.0%	Mar-17
Turkmenistan [#]	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	54	13 (24.0)	D8	100%	52	0 (0.0)	-	-	100.0%	100.0%	Mar-17
United Kingdom	371	22 (6.0)	B3, D8, D9	100%	243	1 (0.0)	-	-	66.7%	33.3%	Feb-17
Uzbekistan	27	0 (0.0)	-	-	27	0 (0.0)	-	-	100.0%	100.0%	Mar-17
Total / Average	6824	2761 (40%)	-	100%	5522	80 (1%)	-	-	66.7%	54.1%	

Data source: Aggregated monthly data provided by regional measles and rubella laboratory network (MR Labnet) to WHO/Europe. Some countries are only reporting to specimen-based MR lab data management system (MR LDMS).

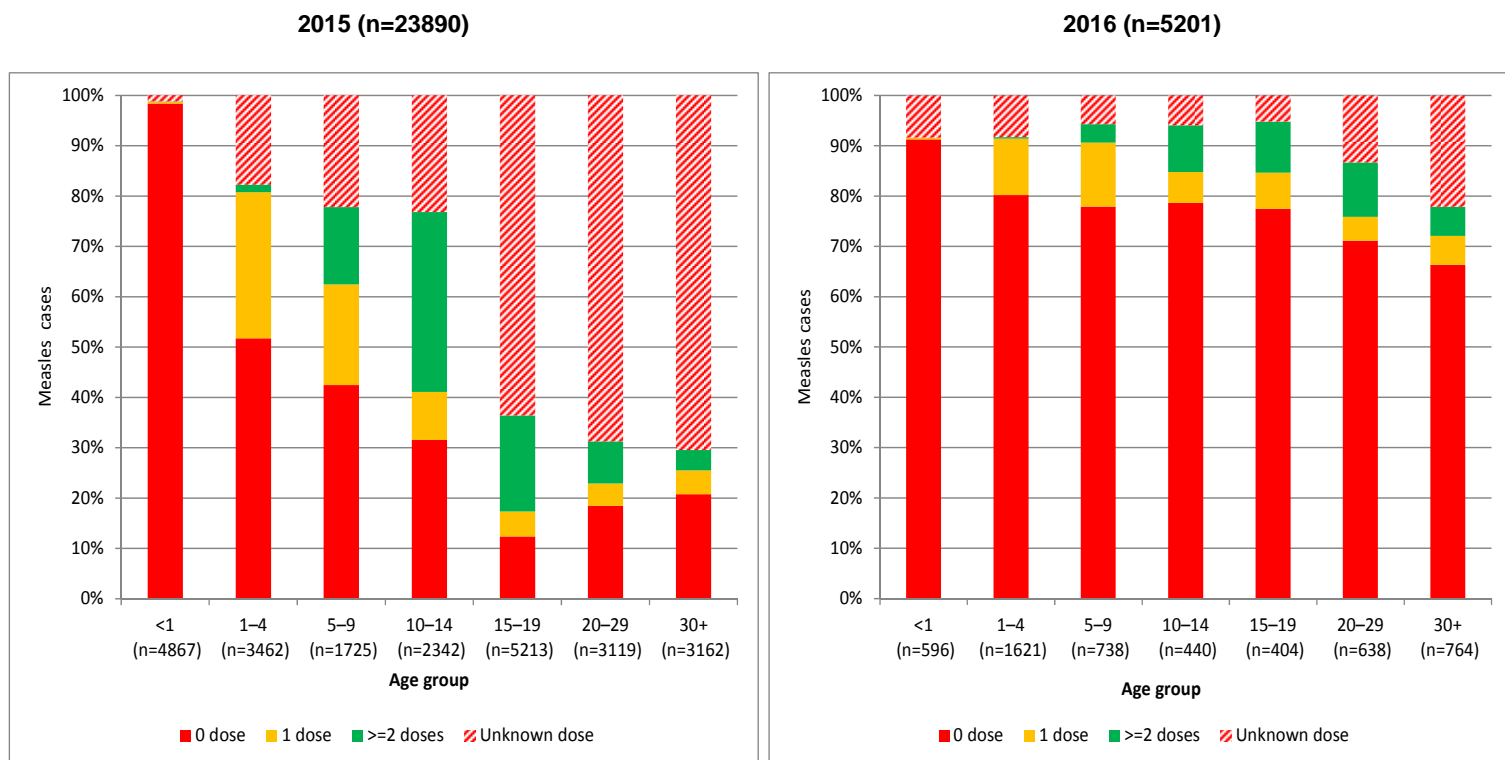
[#]Turkmenistan lab data not displayed as lab reporting does not match the required format and frequency.

¹ MeaNS: <http://www.who-measles.org/>. Timeliness of sequence reporting relates to the time between specimen collection and reporting to MeaNS.

² RubeNS: <http://www.who-rubella.org/>. Timeliness of sequence reporting relates to the time between specimen collection and reporting to RubeNS.

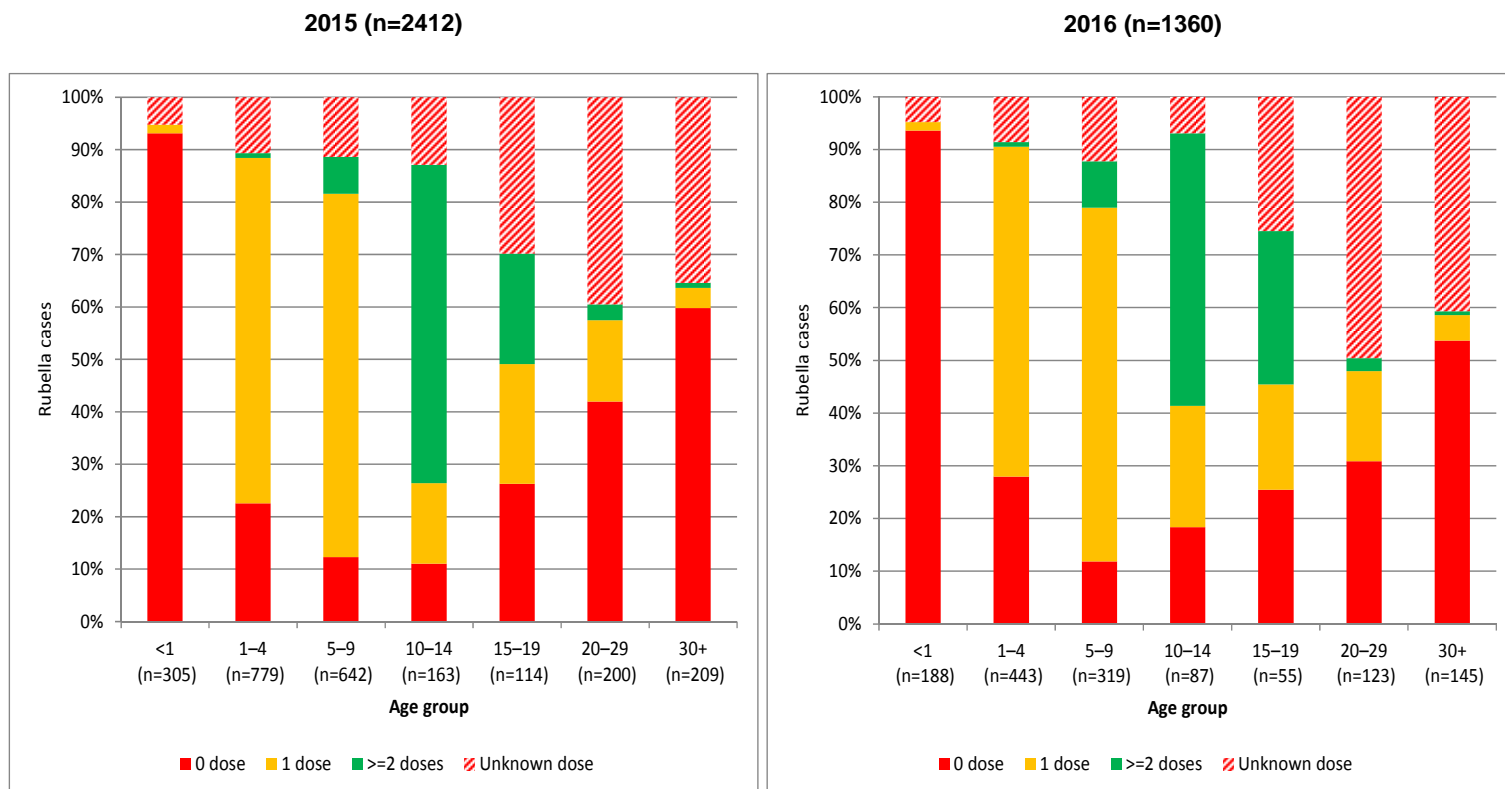
**Specimen based data are not population based, and should not be interpreted as indicators for epidemiological surveillance. Laboratories may have received more than 1 clinical sample or may have conducted more than 1 test for a given case reported in Table 1.*

Figure 1: Age and vaccination status of measles cases in the European Region, 2015 and 2016 (data as of 01 May 2017)*



*Cases with unknown age were excluded from above graphs (11 cases in 2015 and 4 cases in 2016).

Figure 2: Age and vaccination status of rubella cases in the European Region, 2015 and 2016 (data as of 01 May 2017)**



**Cases with unknown age were excluded from above graphs (0 case in 2015 and 2016).