

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

Table 1: Reported measles cases for the period July 2016 — June 2017 (data as of 01 August 2017)

Country	Total Population in 2017 ¹	Incidence Rate Jul 16 - Jun 17 (per 1 million population) ²	Total measles cases	Month and year of rash onset												Month & year of last report	
				Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17		
Albania	2 911 428	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Andorra	68 727	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	May-17
Armenia	3 031 670	0.7	2	2	0	0	0	0	0	0	0	0	0	0	0	-	May-17
Austria	8 592 400	11.8	101	9	1	5	3	1	4	33	29	7	2	7	0	0	Jun-17
Azerbaijan	9 973 697	0.2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	Jun-17
Belarus	9 458 535	3.1	29	15	6	1	5	1	0	0	0	1	0	0	0	0	Jun-17
Belgium	11 443 830	26.4	302	0	0	0	0	2	3	27	79	156	35	0	0	0	Jun-17
Bosnia and Herzegovina	3 792 759	4.2	16	-	-	-	-	-	-	2	7	2	3	-	2	2	Jun-17
Bulgaria	7 045 259	22.9	161	0	0	0	0	0	0	0	0	23	42	57	39	39	Jun-17
Croatia	4 209 815	2.1	9	1	0	1	0	0	0	2	5	0	0	0	0	0	Jun-17
Cyprus	1 187 575	2.5	3	0	0	0	0	0	0	0	0	0	0	0	2	1	Jun-17
Czech Republic	10 555 130	12.6	133	0	1	0	0	1	0	0	3	33	58	35	2	2	Jun-17
Denmark	5 711 837	0.5	3	0	1	0	0	0	1	0	0	1	0	0	0	0	Jun-17
Estonia	1 305 755	0.8	1	0	0	0	0	0	0	0	0	0	0	1	0	0	Jun-17
Finland	5 541 274	0.7	4	0	0	0	0	0	3	0	0	0	0	0	1	1	Jun-17
France	64 938 716	5.8	377	6	4	7	2	2	4	34	52	49	61	114	42	42	Jun-17
Georgia	3 972 532	2.5	10	3	1	1	0	2	0	0	0	0	2	0	1	1	Jun-17
Germany	80 636 124	11.8	951	44	29	24	16	31	11	89	176	192	185	121	33	33	Jun-17
Greece	10 892 931	0.4	4	0	0	0	0	0	0	0	0	0	0	3	1	1	Jun-17
Hungary	9 787 905	1.5	15	0	0	0	0	0	0	1	11	3	0	0	0	0	Jun-17
Iceland	334 303	9.0	3	0	1	0	0	0	0	0	0	2	0	0	0	0	Jun-17
Ireland	4 749 153	3.2	15	4	4	0	0	0	0	0	1	2	3	0	1	1	Jun-17
Israel	8 323 248	1.4	12	0	1	5	-	0	0	0	0	-	-	6	-	-	May-17
Italy	59 797 978	67.6	4044	45	34	54	80	83	88	287	458	889	792	711	523	523	Jun-17
Kazakhstan	18 064 470	0.7	13	11	0	0	0	0	0	0	0	0	-	1	1	1	Jun-17
Kyrgyzstan	6 124 945	0.2	1	0	0	0	0	0	-	0	1	0	0	0	0	0	Jun-17
Latvia	1 944 565	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Lithuania	2 830 582	0.4	1	0	0	0	0	0	0	0	0	1	0	0	0	0	Jun-17
Luxembourg	584 103	5.1	3	0	0	0	0	0	0	0	0	3	0	0	0	0	Jun-17
Malta	420 521	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Monaco	38 010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Montenegro	626 250	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Netherlands	17 032 845	0.7	12	0	2	0	0	0	4	0	0	0	2	3	1	1	Jun-17
Norway	5 330 800	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Poland	38 563 573	3.9	149	18	42	33	21	7	7	6	2	4	4	4	1	1	Jun-17
Portugal	10 264 797	3.3	34	0	0	0	0	0	0	0	2	10	18	4	0	0	Jun-17
Republic of Moldova	4 054 640	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Romania	19 237 513	203.0	3905	114	182	219	426	614	506	484	843	161	100	156	100	100	Jun-17
Russian Federation	143 375 006	1.3	187	7	5	3	21	52	22	17	13	17	14	16	2	2	Jun-17
San Marino	32 104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Serbia	8 776 940	2.3	20	0	0	0	0	5	8	0	6	0	0	0	1	1	Jun-17
Slovakia	5 432 157	0.4	2	0	0	0	0	0	0	0	0	0	2	0	0	0	Jun-17
Slovenia	2 071 252	2.9	6	0	0	0	0	0	0	2	4	0	0	0	0	0	Jun-17
Spain	46 070 146	3.5	159	3	2	3	2	6	2	10	29	22	9	39	32	32	Jun-17
Sweden	9 920 624	2.6	26	0	2	0	0	0	0	2	8	8	3	3	0	0	Jun-17
Switzerland	8 454 083	11.0	93	1	2	5	2	4	12	16	26	16	9	0	0	0	Jun-17
Tajikistan	8 858 115	66.2	586	0	0	0	1	24	11	44	67	97	229	113	-	-	May-17
The former Yugoslav Republic of Macedonia	2 083 308	0.0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Turkey	80 417 526	0.3	21	2	-	-	0	-	-	1	0	4	14	0	0	0	Jun-17
Turkmenistan	5 502 586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	44 405 055	23.1	1024	0	5	-	8	44	24	25	14	43	89	311	461	461	Jun-17
United Kingdom	65 511 098	6.3	413	132	108	29	37	14	1	10	1	8	17	34	22	22	Jun-17
Uzbekistan	30 690 914	0.0	0	-	0	-	0	-	0	0	0	0	0	0	0	0	Jun-17
Total/Averages	914 981 109	14.05	12852	417	433	390	624	893	711	1092	1837	1754	1693	1741	1269		

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 July 2016 — June 2017 (data as of 01 August 2017)

Country	Total Population in 2017 ¹	Incidence Rate Jul 16 - Jun 17 (per 1 million population) ²	Total rubella cases	Month and year of rash onset												Month & year of last report	
				Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17		
Albania	2 911 428	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Andorra	68 727	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	May-17
Armenia	3 031 670	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	May-17
Austria	8 592 400	3.1	27	0	1	0	0	0	0	0	6	18	1	1	0	0	Jun-17
Azerbaijan	9 973 697	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	Jun-17
Belarus	9 458 535	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Belgium ³	11 443 830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Bosnia and Herzegovina	3 792 759	0.0	0	-	-	-	-	-	-	0	0	-	0	-	0	0	Jun-17
Bulgaria	7 045 259	0.4	3	1	0	0	0	1	1	0	0	0	0	0	0	0	Jun-17
Croatia	4 209 815	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Cyprus	1 187 575	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Czech Republic	10 555 130	0.2	2	0	0	0	0	0	0	0	0	1	1	0	0	0	Jun-17
Denmark ³	5 711 837	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Estonia	1 305 755	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Finland	5 541 274	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
France ³	64 938 716	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Georgia	3 972 532	1.5	6	1	0	0	1	0	1	1	1	0	0	0	0	1	Jun-17
Germany	80 636 124	1.0	80	16	3	3	5	7	4	5	4	7	12	8	6	6	Jun-17
Greece	10 892 931	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Hungary	9 787 905	0.0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	Jun-17
Iceland	334 303	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Ireland	4 749 153	0.2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	Jun-17
Israel	8 323 248	0.0	0	0	0	0	-	0	0	0	0	-	-	0	-	-	May-17
Italy	59 797 978	1.0	57	1	1	0	3	4	2	3	8	10	11	8	6	6	Jun-17
Kazakhstan	18 064 470	0.1	2	0	-	1	0	1	0	0	0	0	-	0	0	0	Jun-17
Kyrgyzstan	6 124 945	0.3	2	0	0	0	0	0	-	0	1	1	0	0	0	0	Jun-17
Latvia	1 944 565	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Lithuania	2 830 582	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Luxembourg	584 103	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Malta	420 521	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Monaco	38 010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Montenegro	626 250	0.0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	Apr-17
Netherlands	17 032 845	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Norway	5 330 800	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Poland	38 563 573	16.3	629	54	53	48	81	64	76	50	39	49	51	64	0	0	Jun-17
Portugal	10 264 797	0.2	2	0	0	0	0	1	0	0	0	1	0	0	0	0	Jun-17
Republic of Moldova	4 054 640	0.0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Romania	19 237 513	0.6	12	0	3	0	1	2	2	1	1	-	0	2	0	0	Jun-17
Russian Federation	143 375 006	0.0	7	0	0	3	0	0	1	0	0	0	1	2	0	0	Jun-17
San Marino	32 104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Serbia	8 776 940	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Slovakia	5 432 157	0.2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	Jun-17
Slovenia	2 071 252	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Spain	46 070 146	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Sweden	9 920 624	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Switzerland	8 454 083	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Tajikistan	8 858 115	0.1	1	0	0	0	0	0	0	1	0	-	0	0	-	-	May-17
The former Yugoslav Republic of Macedonia	2 083 308	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Jun-17
Turkey	80 417 526	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Turkmenistan	5 502 586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	44 405 055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
United Kingdom	65 511 098	0.0	2	0	0	0	0	1	0	0	0	0	1	0	0	0	Jun-17
Uzbekistan	30 690 914	0.0	1	-	0	-	0	-	0	0	0	0	0	1	0	0	Jun-17
Total/Averages	914 981 109	0.91	836	73	61	55	91	81	87	61	60	89	78	86	14		

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 — June 2017 (data as of 01 August 2017)

Country	Total Population in 2017 ¹	2016 (as of 01 August 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			Complete-ness	Timeliness	Month & year of last report	Laboratory investigation rate	Rate of discarded cases	Origin of infection	Timeliness of investigation
Albania	2 911 428	0.0	0	0.0	0	0	0	0	0	0	100%	83%	Jun-17	-	0.00	-	-
Andorra	68 727	0.0	0	0.0	0	0	0	0	0	0	83%	50%	May-17	-	0.00	-	-
Armenia	3 031 670	0.7	2	0.0	0	0	0	0	34	0	83%	83%	May-17	100%	1.12	100%	97%
Austria	8 592 400	1.6	28	4.1	78	67	10	1	45	8	100%	100%	Jun-17	69%	0.52	93%	5%
Azerbaijan	9 973 697	0.0	0	0.1	2	0	0	2	45	0	100%	100%	Jun-17	94%	0.45	62%	57%
Belarus	9 458 535	1.6	29	0.0	1	1	0	0	145	1	100%	100%	Jun-17	100%	1.53	1%	1%
Belgium	11 443 830	0.4	5	13.0	297	0	0	297	0	0	100%	67%	Jun-17	0%	0.00	0	0
Bosnia and Herzegovina	3 792 759	11.9	45	2.1	16	0	0	16	0	0	83%	67%	Jun-17	0%	0.00	0	0
Bulgaria	7 045 259	0.1	1	11.4	161	85	65	11	3	0	83%	83%	Jun-17	97%	0.04	83%	100%
Croatia	4 209 815	0.0	4	0.8	7	7	0	0	1	0	100%	83%	Jun-17	100%	0.02	75%	0
Cyprus	1 187 575	0.0	0	0.4	3	3	0	0	0	2	100%	100%	Jun-17	100%	0.00	100%	0
Czech Republic	10 555 130	0.2	7	6.1	131	123	6	2	1	2	100%	100%	Jun-17	100%	0.01	99%	88%
Denmark	5 711 837	0.0	3	0.0	1	1	0	0	0	1	100%	100%	Jun-17	100%	0.00	100%	0
Estonia	1 305 755	0.0	2	0.0	1	1	0	0	50	1	100%	100%	Jun-17	100%	3.83	2%	100%
Finland	5 541 274	0.5	5	0.0	1	1	0	0	0	1	100%	100%	Jun-17	100%	0.00	100%	0
France	64 938 716	1.0	79	2.5	352	229	52	71	0	23	100%	100%	Jun-17	91%	0.00	90%	0%
Georgia	3 972 532	3.5	14	0.4	3	0	0	3	24	0	100%	83%	Jun-17	85%	0.60	100%	100%
Germany	80 636 124	3.4	328	4.7	796	518	242	36	0	40	100%	100%	Jun-17	92%	0.00	87%	0
Greece	10 892 931	0.0	0	0.0	4	4	0	0	0	3	100%	100%	Jun-17	100%	0.00	75%	0
Hungary	9 787 905	0.0	0	0.7	15	15	0	0	17	1	100%	50%	Jun-17	100%	0.17	63%	97%
Iceland	334 303	0.0	1	1.5	2	2	0	0	0	1	83%	83%	Jun-17	100%	0.00	50%	100%
Ireland	4 749 153	8.4	43	0.7	7	2	1	4	0	0	100%	100%	Jun-17	67%	0.00	57%	57%
Israel	8 323 248	1.0	10	0.4	6	6	0	0	0	0	50%	33%	May-17	0%	0.00	0	0
Italy	59 797 978	13.7	861	30.3	3660	2797	376	487	266	31	83%	83%	Jun-17	88%	0.44	88%	0
Kazakhstan	18 064 470	5.9	106	0.1	2	0	1	1	0	0	83%	67%	Jun-17	0%	0.00	0	0
Kyrgyzstan	6 124 945	0.0	0	0.1	1	1	0	0	96	0	100%	83%	Jun-17	99%	1.57	100%	0
Latvia	1 944 565	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Lithuania	2 830 582	7.8	22	0.0	1	1	0	0	0	1	100%	83%	Jun-17	100%	0.00	100%	0
Luxembourg	584 103	0.0	0	0.9	3	3	0	0	0	2	100%	100%	Jun-17	100%	0.00	67%	100%
Malta	420 521	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Monaco	38 010	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Montenegro	626 250	0.0	0	0.0	0	0	0	0	1	0	100%	67%	Jun-17	100%	0.16	100%	100%
Netherlands	17 032 845	0.1	6	0.1	6	5	1	0	1	2	100%	100%	Jun-17	100%	0.01	100%	0
Norway	5 330 800	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Poland	38 563 573	2.4	138	0.2	21	17	1	3	0	4	100%	100%	Jun-17	85%	0.00	105%	100%
Portugal	10 264 797	0.0	0	1.6	34	28	0	6	130	2	100%	83%	Jun-17	87%	1.27	100%	70%
Republic of Moldova	4 054 640	0.0	0	0.0	0	0	0	0	0	0	100%	67%	Jun-17	-	0.00	-	-
Romania	19 237 513	126.2	2432	47.7	1844	685	1156	3	0	7	100%	100%	Jun-17	100%	0.00	123%	100%
Russian Federation	143 375 006	1.1	178	0.3	79	77	1	1	1250	7	100%	67%	Jun-17	100%	0.87	101%	7%
San Marino	32 104	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Serbia	8 776 940	1.6	14	0.4	7	0	0	7	0	0	100%	83%	Jun-17	0%	0.00	0	0
Slovakia	5 432 157	0.0	0	0.0	2	2	0	0	4	2	100%	100%	Jun-17	67%	0.07	100%	67%
Slovenia	2 071 252	0.0	1	1.2	6	6	0	0	0	1	100%	100%	Jun-17	100%	0.00	100%	100%
Spain	46 070 146	0.6	38	1.3	141	135	4	2	95	17	100%	83%	Jun-17	98%	0.21	46%	78%
Sweden	9 920 624	0.0	3	0.9	24	24	0	0	9	6	100%	100%	Jun-17	100%	0.09	100%	0
Switzerland	8 454 083	6.3	66	3.8	67	52	12	3	54	3	100%	100%	Jun-17	96%	0.64	51%	61%
Tajikistan	8 858 115	5.9	52	31.0	550	222	328	0	122	0	83%	83%	May-17	100%	1.38	78%	100%
The former Yugoslav Republic of Macedonia	2 083 308	0.0	0	0.0	0	0	0	0	0	0	100%	67%	Jun-17	-	0.00	-	-
Turkey	80 417 526	0.1	9	0.1	19	14	4	1	0	0	100%	0%	Jun-17	93%	0.00	0	0
Turkmenistan	5 502 586	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Ukraine	44 405 055	2.0	90	10.6	943	89	0	854	0	0	100%	100%	Jun-17	0%	0.00	0	0
United Kingdom	65 511 098	8.1	571	0.5	92	92	0	0	0	25	100%	100%	Jun-17	100%	0.00	82%	1%
Uzbekistan	30 690 914	0.0	1	0.0	0	0	0	0	36	0	100%	33%	Jun-17	100%	0.12	100%	0
Total/Averages	914 981 109	5.3	5194	5.0	9386	5315	2260	1811	2429	194	90.9%	79.6%		82.4%	0.27	82.5%	33.0%

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 — June 2017 (data as of 01 August 2017)

Country	Total Population in 2017 ¹	2016 (as of 01 August 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			Discarded Rubella	Imported cases	Reporting			Surveillance Indicators			
						Lab confirmed	Epi-Link	Clinically compatible ⁴			Completeness	Timeliness	Month of last report	Laboratory investigation rate	Rate of discarded cases	Origin of infection	Timeliness of investigation
Albania	2 911 428	0.0	0	0.0	0	0	0	0	0	0	100%	83%	Jun-17	-	0.00	-	-
Andorra	68 727	0.0	0	0.0	0	0	0	0	0	0	83%	50%	May-17	-	0.00	-	-
Armenia	3 031 670	0.0	0	0.0	0	0	0	0	6	0	83%	83%	May-17	100%	0.20	100%	100%
Austria	8 592 400	0.3	3	1.5	26	23	1	2	0	1	100%	100%	Jun-17	100%	0.00	100%	8%
Azerbaijan	9 973 697	0.0	0	0.1	1	0	0	1	28	0	100%	100%	Jun-17	97%	0.28	0%	59%
Belarus	9 458 535	-	-	0.0	0	0	0	0	145	0	100%	100%	Jun-17	0%	1.53	0%	0%
Belgium ⁵	11 443 830	-	-	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-
Bosnia and Herzegovina	3 792 759	0.0	0	0.0	0	0	0	0	0	0	67%	50%	Jun-17	-	0.00	-	-
Bulgaria	7 045 259	0.4	3	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Croatia	4 209 815	0.0	2	0.0	0	0	0	0	0	0	100%	50%	Jun-17	-	0.00	-	-
Cyprus	1 187 575	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Czech Republic	10 555 130	0.0	0	0.0	2	2	0	0	0	1	100%	100%	Jun-17	100%	0.00	50%	0%
Denmark ⁵	5 711 837	-	-	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-
Estonia	1 305 755	0.0	0	0.0	0	0	0	0	21	0	100%	100%	Jun-17	95%	1.61	62%	100%
Finland	5 541 274	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
France ⁵	64 938 716	-	-	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-
Georgia	3 972 532	3.0	12	0.4	3	1	0	2	36	0	100%	83%	Jun-17	100%	0.91	100%	97%
Germany	80 636 124	1.2	96	0.3	42	10	3	29	0	0	100%	100%	Jun-17	26%	0.00	43%	0%
Greece	10 892 931	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Hungary	9 787 905	0.0	0	0.0	0	0	0	0	0	0	67%	33%	Jun-17	-	0.00	-	-
Iceland	334 303	0.0	0	0.0	0	0	0	0	0	0	100%	83%	Jun-17	-	0.00	-	-
Ireland	4 749 153	0.2	1	0.1	1	0	0	1	0	0	100%	100%	Jun-17	0%	0.00	0%	0%
Israel	8 323 248	0.1	1	0.0	0	0	0	0	0	0	50%	33%	May-17	-	0.00	-	-
Italy	59 797 978	0.5	31	0.4	46	24	4	18	23	0	100%	83%	Jun-17	88%	0.04	70%	0%
Kazakhstan	18 064 470	0.2	4	0.0	0	0	0	0	0	0	83%	67%	Jun-17	-	0.00	-	-
Kyrgyzstan	6 124 945	0.3	2	0.2	2	2	0	0	0	0	100%	83%	Jun-17	100%	0.00	100%	0%
Latvia	1 944 565	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Lithuania	2 830 582	0.0	0	0.0	0	0	0	0	0	0	100%	83%	Jun-17	-	0.00	-	-
Luxembourg	584 103	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Malta	420 521	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Monaco	38 010	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Montenegro	626 250	0.0	0	0.0	0	0	0	0	0	0	67%	33%	Apr-17	-	0.00	-	-
Netherlands	17 032 845	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Norway	5 330 800	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Poland	38 563 573	29.7	1144	3.3	253	0	0	253	0	0	100%	100%	Jun-17	0%	0.00	0%	0%
Portugal	10 264 797	0.8	8	0.0	1	0	0	1	2	0	100%	67%	Jun-17	67%	0.02	100%	100%
Republic of Moldova	4 054 640	0.0	0	0.0	0	0	0	0	0	0	100%	67%	Jun-17	-	0.00	-	-
Romania	19 237 513	0.7	13	0.1	4	3	0	1	0	0	67%	50%	Jun-17	75%	0.00	100%	100%
Russian Federation	143 375 006	0.2	37	0.0	3	3	0	0	0	0	100%	67%	Jun-17	100%	0.00	100%	0%
San Marino	32 104	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Serbia	8 776 940	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Slovakia	5 432 157	0.0	0	0.1	1	0	0	1	1	0	100%	100%	Jun-17	50%	0.02	50%	50%
Slovenia	2 071 252	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Spain	46 070 146	0.0	2	0.0	0	0	0	0	11	0	100%	100%	Jun-17	100%	0.02	100%	100%
Sweden	9 920 624	0.0	0	0.0	0	0	0	0	0	0	100%	100%	Jun-17	-	0.00	-	-
Switzerland	8 454 083	0.0	0	0.0	0	0	0	0	11	0	100%	100%	Jun-17	82%	0.13	0%	27%
Tajikistan	8 858 115	0.1	1	0.1	1	1	0	0	7	0	67%	67%	May-17	100%	0.08	100%	100%
The former Yugoslav Republic of Macedonia	2 083 308	0.0	0	0.0	0	0	0	0	0	0	100%	67%	Jun-17	-	0.00	-	-
Turkey	80 417 526	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Turkmenistan	5 502 586	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Ukraine	44 405 055	-	-	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
United Kingdom	65 511 098	0.0	2	0.0	1	1	0	0	0	1	100%	100%	Jun-17	100%	0.00	100%	100%
Uzbekistan	30 690 914	0.0	0	0.0	1	1	0	0	0	0	100%	33%	Jun-17	100%	0.00	100%	0%
Total/Averages	914 981 109	1.5	1362	0.2	388	71	8	309	291	3	79.2%	69.5%		34.1%	0.03	27.2%	16.9%

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 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 — June 2017 (data as of 01 August 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 stested	Positive for rubella (%)	Genotypes reported to RubeNS ²	% sequencing reported within 60 days ²	% Completeness	% Timeliness	Month of last report
Albania	7	0 (0.0)	-	-	1	0 (0.0)	-	-	100.0%	83.3%	Jun-17
Andorra	-	-	-	-	-	-	-	-	-	-	No Lab
Armenia	-	-	-	-	-	-	-	-	-	-	No Report
Austria	727	49 (7.0)	B3, D8, H1	97%	2704	20 (1.0)	-	-	100.0%	100.0%	Jun-17
Azerbaijan	77	0 (0.0)	-	-	84	0 (0.0)	-	-	100.0%	100.0%	Jun-17
Belarus	153	3 (2.0)	D8	100%	151	0 (0.0)	-	-	100.0%	100.0%	Jun-17
Belgium	646	231 (36.0)	B3, D8	26%	43	3 (7.0)	-	-	100.0%	33.3%	Jun-17
Bosnia and Herzegovina	2	0 (0.0)	-	-	2	0 (0.0)	-	-	33.3%	-	Apr-17
Bulgaria	218	132 (61.0)	-	-	136	0 (0.0)	-	-	100.0%	100.0%	Jun-17
Croatia	-	-	-	-	-	-	-	-	-	-	No Report
Cyprus	268	4 (1.0)	-	-	258	2 (1.0)	-	-	100.0%	50.0%	Jun-17
Czech Republic	251	120 (48.0)	-	-	2	2 (100.0)	-	-	100.0%	83.3%	Jun-17
Denmark	297	6 (2.0)	D8	100%	26	0 (0.0)	-	-	100.0%	100.0%	Jun-17
Estonia	50	1 (2.0)	-	-	136	0 (0.0)	-	-	83.3%	83.3%	May-17
Finland	38	3 (8.0)	D8	100%	21	0 (0.0)	-	-	100.0%	83.3%	Jun-17
France	479	188 (39.0)	B3, D8	99%	157	35 (22.0)	-	-	100.0%	50.0%	Jun-17
Georgia	44	1 (2.0)	-	-	43	1 (2.0)	-	-	83.3%	16.7%	May-17
Germany	-	-	B3, D8	7%	-	-	-	-	-	-	No Report
Greece	13	9 (69.0)	-	-	0	0	-	-	-	-	May-17
Hungary	356	17 (5.0)	-	-	115	0 (0.0)	-	-	83.3%	83.3%	May-17
Iceland	-	-	-	-	-	-	-	-	-	-	No Report
Ireland	352	10 (3.0)	B3	100%	895	3 (0.0)	-	-	100.0%	100.0%	Jun-17
Israel	217	41 (19.0)	B3	75%	280	68 (24.0)	-	-	100.0%	100.0%	Jun-17
Italy	5648	3959 (70.0)	B3, D8, H1	71%	1494	38 (3.0)	-	-	100.0%	100.0%	Jun-17
Kazakhstan	35	3 (9.0)	D8, H1	100%	32	0 (0.0)	-	-	100.0%	100.0%	Jun-17
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No Report
Latvia	111	2 (2.0)	-	-	147	5 (3.0)	-	-	100.0%	83.3%	Jun-17
Lithuania	57	3 (5.0)	-	-	54	0 (0.0)	-	-	100.0%	100.0%	Jun-17
Luxembourg	45	3 (7.0)	D8	100%	2	0 (0.0)	-	-	100.0%	100.0%	Jun-17
Malta	18	0 (0.0)	-	-	298	0 (0.0)	-	-	83.3%	83.3%	May-17
Monaco	-	-	-	-	-	-	-	-	-	-	No Lab
Montenegro	-	-	-	-	-	-	-	-	-	-	No Lab
Netherlands	48	19 (40.0)	B3, D8	100%	28	0 (0.0)	-	-	83.3%	-	Jun-17
Norway	-	-	-	-	-	-	-	-	-	-	No Report
Poland	-	-	B3, D8	100%	-	-	-	-	-	-	No Report
Portugal	421	52 (12.0)	B3, D8	100%	0	0	-	-	100.0%	66.7%	Jun-17
Republic of Moldova	37	0 (0.0)	-	-	37	0 (0.0)	-	-	100.0%	100.0%	Jun-17
Romania	2720	2142 (79.0)	B3, D8	100%	508	6 (1.0)	-	-	100.0%	100.0%	Jun-17
Russian Federation	1524	183 (12.0)	B3, D8, H1	91%	1492	14 (1.0)	-	-	100.0%	100.0%	Jun-17
San Marino	-	-	-	-	-	-	-	-	-	-	No Lab
Serbia	24	4 (17.0)	B3	0%	24	0 (0.0)	-	-	100.0%	-	Jun-17
Slovakia	17	4 (24.0)	-	-	11	0 (0.0)	-	-	100.0%	83.3%	Jun-17
Slovenia	72	17 (24.0)	B3	86%	6	0 (0.0)	-	-	100.0%	100.0%	Jun-17
Spain	-	-	B3, D8	38%	-	-	-	-	-	-	No Report
Sweden	678	62 (9.0)	B3, D8	100%	708	3 (0.0)	-	-	83.3%	83.3%	May-17
Switzerland	121	75 (62.0)	B3, D8	0%	1	1 (100.0)	-	-	100.0%	100.0%	Jun-17
Tajikistan	351	213 (61.0)	H1	100%	346	4 (1.0)	-	-	66.7%	-	Jun-17
The former Yugoslav Republic of Macedonia	3	0 (0.0)	-	-	53	1 (2.0)	-	-	33.3%	16.7%	Feb-17
Turkey	766	22 (3.0)	D8	100%	657	13 (2.0)	-	-	66.7%	50.0%	Apr-17
Turkmenistan [#]	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	696	393 (56.0)	B3, D8	42%	210	24 (11.0)	-	-	100.0%	100.0%	Jun-17
United Kingdom	1448	151 (10.0)	B3, D8, D9	94%	863	2 (0.0)	-	-	100.0%	33.3%	Jun-17
Uzbekistan	47	0 (0.0)	-	-	47	1 (2.0)	-	-	100.0%	83.3%	Jun-17
Total / Average	19082	8122 (43%)		74%	12072	246 (2%)			69.5%	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: Distribution of named strains of D8 measles genotype in the WHO European Region by week of sample collection, January to June 2017 (data as of 08 August 2017)

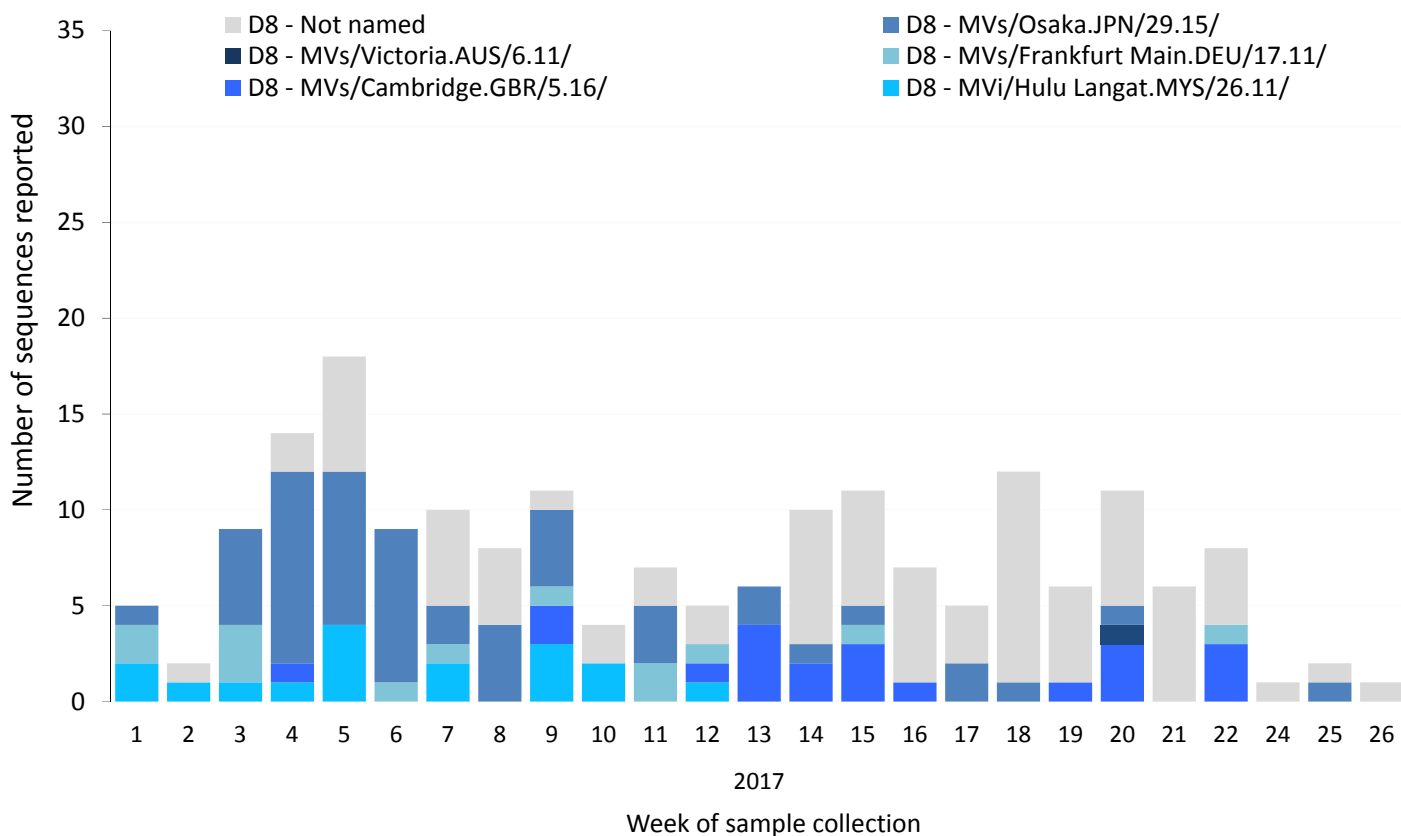


Figure 2: Distribution of named strains of B3 measles genotype in the WHO European Region by week of sample collection, January to June 2017 (data as of 08 August 2017)

