

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

Table 1: Reported measles cases for the 12-month period January - December 2016 (data as of 01 February 2017)

Country	Total Population in 2016 ¹	Incidence Rate Jan - Dec 16 (per 1 million population) ²	Total measles cases	Month and year of rash onset												Month & year of last report
				Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	
Albania	2 903 700	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Andorra	69 165	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Armenia	3 026 048	0.7	2	-	0	0	-	-	0	2	0	0	0	0	0	Dec-16
Austria	8 569 633	3.2	27	0	0	0	2	1	2	9	1	5	3	1	3	Dec-16
Azerbaijan	9 868 447	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Belarus	9 481 521	3.1	29	0	1	0	0	0	0	15	6	1	5	1	0	Dec-16
Belgium	11 371 928	10.5	119	10	17	38	23	17	9	1	0	2	2	0	0	Dec-16
Bosnia and Herzegovina	3 802 134	11.8	45	18	27	-	-	-	-	-	-	-	-	-	-	Feb-16
Bulgaria	7 097 796	0.1	1	0	1	0	0	0	0	0	0	0	0	0	0	Dec-16
Croatia	4 225 001	0.9	4	0	0	0	2	0	0	1	0	1	0	0	0	Dec-16
Cyprus	1 176 598	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Czech Republic	10 548 058	0.7	7	0	1	0	2	2	0	0	1	0	0	1	0	Dec-16
Denmark	5 690 750	0.5	3	0	0	0	1	0	0	0	1	0	0	0	1	Dec-16
Estonia	1 309 104	1.5	2	1	0	1	0	0	0	0	0	0	0	0	0	Dec-16
Finland	5 523 904	0.9	5	0	1	0	1	0	0	0	0	0	0	0	3	Dec-16
France	64 668 129	1.2	79	18	14	12	3	0	7	6	4	7	2	2	4	Dec-16
Georgia	3 979 781	3.5	14	1	0	0	2	0	4	3	1	1	0	2	0	Dec-16
Germany	80 682 351	4.0	323	7	7	15	33	60	51	44	27	24	16	30	9	Dec-16
Greece	10 919 459	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Hungary	9 821 318	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Iceland	331 778	3.0	1	0	0	0	0	0	0	0	1	0	0	0	0	Dec-16
Ireland	4 713 993	9.3	44	0	1	0	2	24	8	4	4	0	0	1	0	Dec-16
Israel	8 192 463	1.2	10	1	2	-	0	0	1	0	1	5	-	0	0	Dec-16
Italy	59 801 004	14.1	843	77	85	74	76	84	85	45	34	55	75	84	69	Dec-16
Kazakhstan	17 855 384	5.9	106	6	14	43	13	19	0	11	-	0	0	0	0	Dec-16
Kyrgyzstan	6 033 769	0.0	0	0	0	0	0	0	0	0	0	0	0	0	-	Nov-16
Latvia	1 955 742	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Lithuania	2 850 030	7.7	22	0	0	0	10	10	2	0	0	0	0	0	0	Dec-16
Luxembourg	576 243	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Malta	419 615	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Monaco	37 862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Montenegro	626 101	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Netherlands	16 979 729	0.4	6	0	0	0	0	0	0	0	2	0	0	0	4	Dec-16
Norway	5 271 958	0.2	1	0	0	0	0	0	0	0	0	0	0	0	1	Dec-16
Poland	38 593 161	3.4	131	0	0	2	1	2	4	18	42	32	20	7	3	Dec-16
Portugal	10 304 434	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Republic of Moldova	4 062 862	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Romania	19 372 734	81.4	1576	6	41	62	67	78	102	113	182	219	417	129	160	Dec-16
Russian Federation	143 439 832	0.0	0	-	-	-	0	-	-	-	-	-	-	-	-	Apr-16
San Marino	31 950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Serbia	8 812 705	0.7	6	0	0	1	0	0	0	0	0	0	0	5	-	Nov-16
Slovakia	5 429 418	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Slovenia	2 069 362	0.5	1	0	0	0	0	1	0	0	0	0	0	0	0	Dec-16
Spain	46 064 604	0.8	38	0	0	9	9	0	2	3	2	3	2	6	2	Dec-16
Sweden	9 851 852	0.3	3	0	0	0	1	0	0	0	2	0	0	0	0	Dec-16
Switzerland	8 379 477	7.8	65	2	0	7	9	18	4	0	3	5	0	4	13	Dec-16
Tajikistan	8 669 464	6.5	56	0	0	0	0	7	9	0	0	0	1	24	15	Dec-16
The former Yugoslav Republic of Macedonia	2 081 012	0.0	0	0	0	0	0	-	0	0	-	0	0	-	-	Oct-16
Turkey	79 622 062	0.1	9	0	1	0	0	3	3	2	-	-	0	-	-	Oct-16
Turkmenistan	5 438 670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	44 624 373	2.0	90	4	-	0	3	2	0	0	5	-	8	44	24	Dec-16
United Kingdom	65 111 143	8.8	571	4	22	44	56	48	76	132	108	29	37	14	1	Dec-16
Uzbekistan	30 300 446	0.0	1	0	1	0	0	0	0	-	0	-	0	-	0	Dec-16
Total/Averages	912 640 057	4.65	4240	155	236	308	316	376	369	409	427	389	588	355	312	

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 12-month period and corresponding month. Where disease onset date was unavailable, cases with the date of notification reported during these respective time periods were included. These monthly reported numbers may differ from reports produced by national or partner agencies if other dates (e.g. date of case reporting) are used.

Table 2: Reported rubella cases for the 12-month period January - December 2016 (data as of 01 February 2017)

Country	Total Population in 2016 ¹	Incidence Rate Jan - Dec 16 (per 1 million population) ²	Total rubella cases	Month and year of rash onset												Month & year of last report
				Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	
Albania	2 903 700	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Andorra	69 165	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Armenia	3 026 048	0.0	0	-	0	0	-	-	0	0	0	0	0	0	0	Dec-16
Austria	8 569 633	0.4	3	0	1	1	0	0	0	0	1	0	0	0	0	Dec-16
Azerbaijan	9 868 447	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Belarus	9 481 521	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Belgium ³	11 371 928	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Bosnia and Herzegovina	3 802 134	0.0	0	0	0	-	-	-	-	-	-	-	-	-	-	Feb-16
Bulgaria	7 097 796	0.3	2	0	0	0	0	0	0	1	0	0	0	1	0	Dec-16
Croatia	4 225 001	0.5	2	0	0	0	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	Dec-16
Czech Republic	10 548 058	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
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	Dec-16
Finland	5 523 904	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
France ³	64 668 129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See footnote
Georgia	3 979 781	3.0	12	2	0	0	1	3	3	1	0	0	1	0	1	Dec-16
Germany	80 682 351	1.2	94	6	6	4	18	13	10	15	3	4	5	6	4	Dec-16
Greece	10 919 459	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Hungary	9 821 318	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Iceland	331 778	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Ireland	4 713 993	0.8	4	0	0	1	1	0	0	1	0	0	0	0	1	Dec-16
Israel	8 192 463	0.1	1	0	0	-	1	0	0	0	0	0	-	0	0	Dec-16
Italy	59 801 004	0.6	35	1	4	3	2	7	7	2	1	1	2	4	1	Dec-16
Kazakhstan	17 855 384	0.2	4	0	1	0	1	0	0	0	-	1	0	1	0	Dec-16
Kyrgyzstan	6 033 769	0.3	2	0	1	0	0	0	1	0	0	0	0	0	-	Nov-16
Latvia	1 955 742	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Lithuania	2 850 030	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Luxembourg	576 243	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Malta	419 615	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Monaco	37 862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
Montenegro	626 101	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Netherlands	16 979 729	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Norway	5 271 958	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Poland	38 593 161	29.6	1144	142	138	111	151	110	116	54	53	48	81	64	76	Dec-16
Portugal	10 304 434	0.8	8	2	1	1	0	1	2	0	0	0	0	1	0	Dec-16
Republic of Moldova	4 062 862	0.0	0	-	-	-	0	0	-	-	0	0	0	0	0	Dec-16
Romania	19 372 734	0.6	11	0	0	1	1	2	1	0	3	0	1	2	0	Dec-16
Russian Federation	143 439 832	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No Report
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	Dec-16
Slovenia	2 069 362	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Spain	46 064 604	0.0	2	0	0	1	1	0	0	0	0	0	0	0	0	Dec-16
Sweden	9 851 852	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Switzerland	8 379 477	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	Dec-16
Tajikistan	8 669 464	0.1	1	0	1	0	0	0	0	0	0	0	0	0	0	Dec-16
The former Yugoslav Republic of Macedonia	2 081 012	0.0	0	-	0	0	0	-	0	0	-	-	-	-	-	Jul-16
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	1	0	0	0	0	0	0	0	1	0	Dec-16
Uzbekistan	30 300 446	0.0	0	0	0	0	0	0	0	-	0	-	0	-	0	Dec-16
Total/Averages	912 640 057	1.45	1327	153	153	124	177	138	140	74	61	54	90	80	83	

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 - December 2016 (data as of 01 February 2017)

Country	Total Population in 2016 ¹	Incidence Rate Jan - Dec 16 (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	100%	58%	Dec-16	-	0	-	-
Andorra	69 165	0	0	0	0	0	0	0	100%	33%	Dec-16	-	0	-	-
Armenia	3 026 048	0.7	2	1	1	0	96	0	75%	58%	Dec-16	100%	3.17	100%	100%
Austria	8 569 633	1.9	27	25	2	0	25	11	100%	100%	Dec-16	70%	0.29	88%	4%
Azerbaijan	9 868 447	0	0	0	0	0	111	0	100%	100%	Dec-16	98%	1.12	59%	83%
Belarus	9 481 521	1.6	29	28	0	1	406	14	100%	83%	Dec-16	100%	4.28	5%	4%
Belgium	11 371 928	10.2	119	34	5	80	82	3	100%	100%	Dec-16	59%	0.72	44%	0
Bosnia and Herzegovina	3 802 134	11.8	45	0	0	45	0	0	17%	0%	Feb-16	0%	0	0	0
Bulgaria	7 097 796	0.1	1	1	0	0	0	0	100%	92%	Dec-16	100%	0	0	100%
Croatia	4 225 001	0	4	4	0	0	2	4	100%	75%	Dec-16	100%	0.05	100%	0
Cyprus	1 176 598	0	0	0	0	0	0	0	100%	83%	Dec-16	-	0	-	-
Czech Republic	10 548 058	0.2	7	7	0	0	0	5	100%	92%	Dec-16	100%	0	71%	57%
Denmark	5 690 750	0	3	3	0	0	0	3	100%	100%	Dec-16	100%	0	100%	0
Estonia	1 309 104	0	2	2	0	0	10	2	100%	100%	Dec-16	100%	0.76	17%	100%
Finland	5 523 904	0.5	5	5	0	0	0	2	100%	92%	Dec-16	100%	0	60%	0
France	64 668 129	1.0	79	50	3	26	0	16	100%	83%	Dec-16	82%	0	96%	0
Georgia	3 979 781	3.5	14	5	0	9	44	0	100%	83%	Dec-16	78%	1.11	91%	98%
Germany	80 682 351	3.3	323	270	35	18	0	56	100%	100%	Dec-16	92%	0	65%	0
Greece	10 919 459	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
Hungary	9 821 318	0	0	0	0	0	1	0	100%	100%	Dec-16	100%	0.01	200%	0
Iceland	331 778	0	1	1	0	0	0	1	100%	83%	Dec-16	100%	0	100%	100%
Ireland	4 713 993	8.9	44	43	0	1	0	2	100%	100%	Dec-16	100%	0	18%	100%
Israel	8 192 463	1.0	10	7	0	3	0	2	83%	33%	Dec-16	0%	0	60%	0
Italy	59 801 004	13.5	843	596	103	144	70	38	100%	100%	Dec-16	84%	0.12	92%	0
Kazakhstan	17 855 384	5.9	106	92	0	14	0	0	92%	33%	Dec-16	0%	0	0	0
Kyrgyzstan	6 033 769	0	0	0	0	0	143	0	92%	58%	Nov-16	100%	2.37	100%	0
Latvia	1 955 742	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
Lithuania	2 850 030	7.7	22	22	0	0	0	0	100%	92%	Dec-16	100%	0	100%	73%
Luxembourg	576 243	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
Malta	419 615	0	0	0	0	0	0	0	100%	100%	Dec-16	-	0	-	-
Monaco	37 862	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Montenegro	626 101	0	0	0	0	0	0	0	100%	17%	Dec-16	-	0	-	-
Netherlands	16 979 729	0.1	6	5	1	0	0	4	100%	100%	Dec-16	100%	0	83%	0
Norway	5 271 958	0.2	1	1	0	0	0	0	100%	100%	Dec-16	100%	0	100%	100%
Poland	38 593 161	2.3	131	80	47	4	0	44	100%	92%	Dec-16	98%	0	43%	100%
Portugal	10 304 434	0	0	0	0	0	13	0	100%	100%	Dec-16	54%	0.13	100%	69%
Republic of Moldova	4 062 862	0	0	0	0	0	0	0	100%	75%	Dec-16	-	0	-	-
Romania	19 372 734	81.1	1576	814	754	8	0	4	100%	100%	Dec-16	100%	0	136%	100%
Russian Federation	143 439 832	0	0	0	0	0	0	0	8%	8%	Apr-16	-	0	-	-
San Marino	31 950	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Serbia	8 812 705	0.7	6	1	0	5	0	0	92%	42%	Nov-16	0%	0	0	0
Slovakia	5 429 418	0	0	0	0	0	3	0	100%	100%	Dec-16	33%	0.06	100%	67%
Slovenia	2 069 362	0	1	1	0	0	0	1	100%	100%	Dec-16	100%	0	100%	100%
Spain	46 064 604	0.6	38	25	10	3	59	11	100%	100%	Dec-16	99%	0.13	70%	98%
Sweden	9 851 852	0	3	3	0	0	0	3	100%	100%	Dec-16	100%	0	100%	0
Switzerland	8 379 477	6.2	65	52	9	4	98	13	100%	92%	Dec-16	100%	1.17	39%	100%
Tajikistan	8 669 464	6.5	56	49	3	4	190	0	100%	100%	Dec-16	98%	2.19	75%	98%
The former Yugoslav Republic of Macedonia	2 081 012	0	0	0	0	0	0	0	67%	25%	Oct-16	-	0	-	-
Turkey	79 622 062	0.1	9	9	0	0	1	0	50%	25%	Oct-16	100%	0.00	0	0
Turkmenistan	5 438 670	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Ukraine	44 624 373	2.0	90	18	0	72	0	0	83%	83%	Dec-16	0%	0	0	0
United Kingdom	65 111 143	8.2	571	571	0	0	0	40	100%	100%	Dec-16	100%	0	8%	9%
Uzbekistan	30 300 446	0.0	1	1	0	0	6	0	75%	58%	Dec-16	100%	0.02	0	0
Total/Averages	912 640 057	4.3	4240	2826	973	441	1360	279	87.4%	74.1%		96.7%	0.15	76.5%	56.9%

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.

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 - December 2016 (data as of 01 February 2017)

Country	Total Population in 2016 ¹	Incidence Rate Jan - Dec 16 (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	2 903 700	0	0	0	0	0	0	0	100%	58%	Dec-16	-	0	-	-
Andorra	69 165	0	0	0	0	0	0	0	100%	33%	Dec-16	-	0	-	-
Armenia	3 026 048	0	0	0	0	0	20	0	75%	58%	Dec-16	100%	0.66	100%	100%
Austria	8 569 633	0.4	3	1	2	0	0	0	100%	100%	Dec-16	100%	0	100%	0%
Azerbaijan	9 868 447	0	0	0	0	0	64	0	100%	100%	Dec-16	100%	0.65	0	94%
Belarus	9 481 521	0	0	0	0	0	405	0	100%	83%	Dec-16	0%	4.2715	0	0%
Belgium ⁵	11 371 928	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-
Bosnia and Herzegovina	3 802 134	0	0	0	0	0	0	0	17%	0%	Feb-16	-	0	-	-
Bulgaria	7 097 796	0.3	2	0	0	2	0	0	100%	75%	Dec-16	0%	0	50%	100%
Croatia	4 225 001	0	2	2	0	0	0	2	100%	25%	Dec-16	100%	0	100%	0%
Cyprus	1 176 598	0	0	0	0	0	0	0	100%	83%	Dec-16	-	0	-	-
Czech Republic	10 548 058	0	0	0	0	0	0	0	100%	67%	Dec-16	-	0	-	-
Denmark ⁵	5 690 750	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-
Estonia	1 309 104	0	0	0	0	0	12	0	100%	100%	Dec-16	100%	0.92	100%	100%
Finland	5 523 904	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
France ⁵	64 668 129	-	-	-	-	-	-	-	-	-	See footnote	-	-	-	-
Georgia	3 979 781	3.0	12	1	0	11	91	0	100%	83%	Dec-16	77%	2.29	100%	99%
Germany	80 682 351	1.1	94	21	7	66	0	2	100%	100%	Dec-16	23%	0	48%	0%
Greece	10 919 459	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
Hungary	9 821 318	0	0	0	0	0	3	0	100%	100%	Dec-16	100%	0.03	200%	100%
Iceland	331 778	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
Ireland	4 713 993	0.8	4	0	0	4	0	0	100%	100%	Dec-16	0%	0	25%	25%
Israel	8 192 463	0.1	1	1	0	0	0	0	83%	33%	Dec-16	0%	0	0	0%
Italy	59 801 004	0.6	35	11	6	18	23	1	100%	100%	Dec-16	81%	0.04	81%	0%
Kazakhstan	17 855 384	0.2	4	2	0	2	0	0	92%	33%	Dec-16	0%	0	0	0%
Kyrgyzstan	6 033 769	0.3	2	2	0	0	0	0	92%	58%	Nov-16	100%	0	100%	0%
Latvia	1 955 742	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
Lithuania	2 850 030	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
Luxembourg	576 243	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
Malta	419 615	0	0	0	0	0	0	0	100%	100%	Dec-16	-	0	-	-
Monaco	37 862	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Montenegro	626 101	0	0	0	0	0	0	0	100%	17%	Dec-16	-	0	-	-
Netherlands	16 979 729	0	0	0	0	0	0	0	100%	92%	Dec-16	-	0	-	-
Norway	5 271 958	0	0	0	0	0	0	0	100%	100%	Dec-16	-	0	-	-
Poland	38 593 161	29.6	1144	0	0	1144	0	0	100%	100%	Dec-16	0%	0	0	0%
Portugal	10 304 434	0.8	8	0	0	8	10	0	100%	100%	Dec-16	50%	0.10	100%	61%
Republic of Moldova	4 062 862	0	0	0	0	0	0	0	58%	42%	Dec-16	-	0	-	-
Romania	19 372 734	0.6	11	10	0	1	0	0	100%	75%	Dec-16	91%	0	100%	100%
Russian Federation	143 439 832	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
San Marino	31 950	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Serbia	8 812 705	-	-	-	-	-	-	-	-	-	No Report	-	-	-	-
Slovakia	5 429 418	0	0	0	0	0	0	0	100%	100%	Dec-16	-	0	-	-
Slovenia	2 069 362	0	0	0	0	0	0	0	100%	100%	Dec-16	-	0	-	-
Spain	46 064 604	0.0	2	2	0	0	6	1	100%	100%	Dec-16	100%	0.01	88%	100%
Sweden	9 851 852	0	0	0	0	0	1	0	100%	100%	Dec-16	100%	0.01	0	100%
Switzerland	8 379 477	0	0	0	0	0	30	0	100%	92%	Dec-16	97%	0.36	0	13%
Tajikistan	8 669 464	0.1	1	1	0	0	66	0	100%	83%	Dec-16	100%	0.76	101%	100%
The former Yugoslav Republic of Macedonia	2 081 012	0	0	0	0	0	0	0	42%	25%	Jul-16	-	0	-	-
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	2	0	0	0	1	100%	100%	Dec-16	100%	0	50%	0%
Uzbekistan	30 300 446	0	0	0	0	0	1	0	75%	58%	Dec-16	100%	0.00	0	0%
Total/Averages	912 640 057	1.4	1327	56	15	1256	732	7	79.4%	63.8%		18.5%	0.08	16.9%	14.9%

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 Revision¹, New York, United Nations.

² Incidence not meeting the target (<1) and countries not reporting monthly rubella data are highlighted in red.

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 - December 2016 (data as of 01 February 2017)

Country	Specimen* (Serum, Oral Fluid, Swab, Urine and other)								Reporting		
	Tested for measles	Positive for measles (%)	Measles Equivocal	Negative for measles	Tested for rubella	Positive for rubella (%)	Rubella Equivocal	Negative for rubella	% Completeness	% Timeliness	Month of last report
Albania	17	1 (6.0)	0	16	2	0 (0.0)	0	2	100.0%	75.0%	Dec-16
Andorra											No Lab
Armenia	111	1 (1.0)	0	110	111	0 (0.0)	0	111	83.3%	16.7%	Oct-16
Austria	1235	21 (2.0)	0	1214	5274	3 (0.0)	0	5271	100.0%	100.0%	Dec-16
Azerbaijan	175	0 (0.0)	0	175	202	0 (0.0)	0	202	100.0%	66.7%	Dec-16
Belarus	462	51 (11.0)	1	410	427	0 (0.0)	0	427	100.0%	83.3%	Dec-16
Belgium	219	55 (25.0)	7	157	33	6 (18.0)	1	26	58.3%	58.3%	Jul-16
Bosnia and Herzegovina	19	(0.0)	0	0	0		0	0	58.0%	-	Dec-16
Bulgaria	46	1 (2.0)	0	45	45	0 (0.0)	0	45	100.0%	91.7%	Dec-16
Croatia	-	-	-	-	-	-	-	-	-	-	No Report
Cyprus	163	0 (0.0)	1	162	168	0 (0.0)	0	168	100.0%	91.7%	Dec-16
Czech Republic	30	11 (37.0)	2	17	1	0 (0.0)	0	1	100.0%	91.7%	Dec-16
Denmark	405	10 (2.0)	6	389	56	0 (0.0)	6	50	100.0%	91.7%	Dec-16
Estonia	77	2 (3.0)	0	75	477	2 (0.0)	0	475	100.0%	91.7%	Dec-16
Finland	205	4 (2.0)	1	200	286	0 (0.0)	0	286	41.7%	33.3%	May-16
France	395	76 (19.0)	4	315	185	28 (15.0)	0	157	100.0%	16.7%	Dec-16
Georgia	49	1 (2.0)	3	45	53	1 (2.0)	2	50	41.7%	16.7%	May-16
Germany	-	-	-	-	-	-	-	-	-	-	No Report
Greece	13	1 (8.0)	0	12	230	54 (23.0)	18	158	100.0%	16.7%	Dec-16
Hungary	105	0 (0.0)	0	105	127	0 (0.0)	0	127	100.0%	91.7%	Dec-16
Iceland	-	-	-	-	-	-	-	-	-	-	No Report
Ireland	1102	108 (10.0)	43	951	1672	2 (0.0)	13	1657	100.0%	66.7%	Dec-16
Israel	221	35 (16.0)	0	186	621	237 (38.0)	0	384	100.0%	91.7%	Dec-16
Italy	286	183 (64.0)	3	100	140	0 (0.0)	1	139	100.0%	66.7%	Dec-16
Kazakhstan	193	65 (34.0)	0	128	166	3 (2.0)	0	163	83.3%	75.0%	Dec-16
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	No Report
Latvia	220	0 (0.0)	6	214	272	0 (0.0)	3	269	100.0%	83.3%	Dec-16
Lithuania	182	27 (15.0)	4	138	163	0 (0.0)	1	149	100.0%	83.3%	Dec-16
Luxembourg	95	0 (0.0)	1	94	4	0 (0.0)	0	4	100.0%	91.7%	Dec-16
Malta	43	0 (0.0)	0	43	1598	0 (0.0)	0	1598	100.0%	91.7%	Dec-16
Monaco											No Lab
Montenegro											No Lab
Netherlands	9	(0.0)	0	0	9	(0.0)	0	0	50.0%	-	Dec-16
Norway	-	-	-	-	-	-	-	-	-	-	No Report
Poland	47	(0.0)	0	0	47	(0.0)	0	0	58.0%	-	Dec-16
Portugal	21	(0.0)	0	0	21	(0.0)	0	0	75.0%	-	Dec-16
Republic of Moldova	62	0 (0.0)	0	62	62	0 (0.0)	0	62	100.0%	83.3%	Dec-16
Romania	1827	1379 (75.0)	18	428	453	14 (3.0)	0	439	100.0%	91.7%	Dec-16
Russian Federation	3982	308 (8.0)	11	3663	3954	80 (2.0)	4	3870	100.0%	83.3%	Dec-16
San Marino											No Lab
Serbia	3	0 (0.0)	0	3	3	0 (0.0)	0	3	8.3%	8.3%	Feb-16
Slovakia	5	0 (0.0)	1	4	5	0 (0.0)	0	5	100.0%	91.7%	Dec-16
Slovenia	53	2 (4.0)	1	50	6	0 (0.0)	0	6	100.0%	91.7%	Dec-16
Spain	-	-	-	-	-	-	-	-	-	-	No Report
Sweden	565	11 (2.0)	-	-	1742	8 (0.0)	-	-	100.0%	8.3%	Dec-16
Switzerland	164	89 (54.0)	1	74	9	9 (100.0)	0	0	100.0%	83.3%	Dec-16
Tajikistan	258	(0.0)	-	-	258	(0.0)	-	-	58.0%	-	Dec-16
The former Yugoslav Republic of Macedonia	19	0 (0.0)	0	19	449	0 (0.0)	0	449	41.7%	0	May-16
Turkey	2364	73 (3.0)	20	2271	2064	48 (2.0)	10	2006	100.0%	91.7%	Dec-16
Turkmenistan [#]	-	-	-	-	-	-	-	-	-	-	No Report
Ukraine	585	25 (4.0)	2	558	579	1 (0.0)	1	577	91.7%	83.3%	Nov-16
United Kingdom	4537	995 (22.0)	0	3542	2101	4 (0.0)	0	2097	100.0%	41.7%	Dec-16
Uzbekistan	142	1 (1.0)	0	141	142	0 (0.0)	0	142	100.0%	91.7%	Dec-16
Total / Average	20711	3536 (17%)	136	16116	24217	500 (2%)	60	21575	63.2%	47.8%	

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.

*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.

Table 6: Classification of acute flaccid paralysis (AFP) cases, surveillance performance and weekly reporting by country, 2016-2017 (data as of 30 January 2017)

Member States that do not report AFP cases to WHO: Denmark, Finland, France, Germany, Iceland, Ireland, Luxembourg, Monaco, Netherlands, San Marino, Sweden and United Kingdom.

Countries	2016 (1-52 weeks)											2017 (1-3 weeks)													
	AFP Cases ¹	AFP cases under 15 years of age	Hot AFP Cases ²	Classification					Rates			AFP Cases ¹	AFP cases under 15 years of age	Hot AFP Cases ²	Classification					Reporting					
				Wild Polio cases	Discarded	VDPV/VAPP	Polio Compatible	Pending	Non-polio AFP rate ³	Adequate stool collection rate ⁴	Surv. Index ⁵				Wild Polio cases	Discarded	VDPV/VAPP	Polio Compatible	Pending	Annualized Non-polio AFP rate ³	Adequate Stool collection rate ⁴	Surv. Index ⁵	% Completeness	% Timeliness	Week of last report
Albania	8	8	0	0	7	0	0	1	1.09	100	1.00	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Andorra	0	0	0	0	0	0	0	0	0.00	0	0.00	0	0	0	0	0	0	0	0	0.00	0	0.00	100	67	3
Armenia	21	21	2	0	17	0	0	4	2.58	90	0.90	0	0	0	0	0	0	0	0	0.00	0	0.00	67	67	3
Austria	14	8	0	0	10	0	0	4	0.85	0	0.21	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Azerbaijan	26	26	0	0	19	0	0	7	0.83	92	0.77	2	2	0	0	0	0	0	2	0.00	100	0.00	100	100	3
Belarus	72	72	3	0	60	0	0	12	3.99	92	0.93	3	3	0	0	0	0	0	3	0.00	100	0.00	100	100	3
Belgium	0	0	0	0	0	0	0	0	0.00	0	0.00	0	0	0	0	0	0	0	0	0.00	0	0.00	0	0	0
Bosnia and Herzegovina*	13	10	0	0	11	0	0	2	2.27	90	0.90	0	0	0	0	0	0	0	0	0.00	0	0.00	0	0	0
Bulgaria	17	17	0	0	12	0	0	5	1.13	100	1.00	0	0	0	0	0	0	0	0	0.00	0	0.00	67	67	3
Croatia	1	0	0	0	0	0	0	1	0.00	0	0.00	0	0	0	0	0	0	0	0	0.00	0	0.00	0	0	0
Cyprus	1	1	0	0	1	0	0	0	0.52	100	0.52	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Czech Republic	11	11	0	0	11	0	0	0	0.68	73	0.56	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Estonia	2	1	0	0	1	0	0	1	0.44	0	0.44	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Georgia	16	16	1	0	15	1	0	0	2.12	94	0.94	1	1	0	0	0	0	0	1	0.00	100	0.00	100	100	3
Greece	18	18	0	0	17	0	0	1	0.99	94	0.99	1	1	0	0	0	0	0	1	0.00	0	0.00	100	100	3
Hungary	11	11	0	0	10	0	0	1	0.67	45	0.31	1	1	0	0	0	0	0	1	0.00	100	0.00	100	67	3
Israel	17	17	0	0	17	0	0	0	0.76	65	0.54	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Italy	68	68	2	0	62	0	0	6	0.72	62	0.49	1	1	0	0	0	0	0	1	0.00	100	0.00	100	100	3
Kazakhstan	95	95	4	0	85	0	0	10	1.88	100	1.00	6	6	0	0	0	0	0	6	0.00	100	0.00	100	100	3
Kyrgyzstan	64	62	1	0	29	0	0	35	1.70	85	0.89	0	0	0	0	0	0	0	0	0.00	0	0.00	0	0	0
Latvia	2	2	0	0	2	0	0	0	0.59	50	0.59	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Lithuania	11	8	0	0	10	0	0	1	2.04	88	0.88	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Malta	0	0	0	0	0	0	0	0	0.00	0	0.00	0	0	0	0	0	0	0	0	0.00	0	0.00	0	0	0
Montenegro	2	0	0	0	2	0	0	0	1.72	0	0.00	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Norway	19	15	0	0	0	0	0	19	0.00	47	0.00	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Poland	60	60	0	0	22	0	0	38	0.38	17	0.06	0	0	0	0	0	0	0	0	0.00	0	0.00	0	0	0
Portugal	10	9	0	0	9	0	0	1	0.59	44	0.33	0	0	0	0	0	0	0	0	0.00	0	0.00	67	67	2
Republic of Moldova	7	7	1	0	6	0	0	1	1.03	100	1.00	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Romania*	19	19	0	0	14	0	0	5	0.44	95	0.21	3	3	0	0	0	0	0	3	0.00	67	0.00	100	100	3
Russian Federation	392	392	72	0	306	1	0	85	1.29	93	0.94	23	23	4	0	0	0	0	23	0.00	100	0.00	100	100	3
Serbia	10	10	0	0	8	0	0	2	0.48	90	0.43	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Slovakia	3	3	0	0	1	0	0	2	0.12	33	0.08	0	0	0	0	0	0	0	0	0.00	0	0.00	100	67	3
Slovenia	4	1	0	0	4	0	0	0	1.36	100	1.00	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Spain	50	50	0	0	50	0	0	0	0.67	48	0.34	1	1	0	0	0	0	0	1	0.00	0	0.00	100	67	3
Switzerland	25	23	0	0	25	0	0	0	2.17	13	0.13	0	0	0	0	0	0	0	0	0.00	0	0.00	100	67	3
Tajikistan	81	81	0	0	72	0	0	9	2.75	95	0.95	3	3	0	0	0	0	0	3	0.00	100	0.00	33	33	2
The former Yugoslav Republic of Macedonia	3	3	0	0	2	0	0	1	0.60	100	0.60	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Turkey	291	291	14	0	256	0	0	35	1.37	80	0.83	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Turkmenistan	38	38	0	0	30	0	0	8	1.98	100	1.00	0	0	0	0	0	0	0	0	0.00	0	0.00	100	100	3
Ukraine**	188	188	35	0	159	0	0	29	2.34	98	0.76	6	6	0	0	0	0	0	6	0.00	100	0.00	0	0	0
Uzbekistan	141	141	2	0	129	0	0	12	1.61	100	1.00	4	4	0	0	0	0	0	4	0.00	100	0.00	100	100	3
Average/Total	1831	1803	137	0	1491	2	0	338	1.36	85	0.88	55	55	4	0	0	0	0	55	0.00	95	0.00	79	75	

¹ AFP cases of all ages.

² Hot cases = AFP case reported with a priority code (e.g. less than three doses of polio vaccine/Clinically polio/Recent travel to endemic country/high risk group).

³ Non-polio AFP cases per 100 000 children under the age of 15 years (annualized for current year). Number of non-polio (discarded) AFP cases X 100000 / total population under 15 years.

⁴ Two stool specimens collected 24-48 hours apart within 14 days of the onset of paralysis.

⁵ Surveillance index = Non-polio AFP rate up to 1.0 x (% AFP cases with 2 stool specimens collected 24-48 hours apart within 14 days of the onset of paralysis).

*Countries with a high risk for polio spread after importation, following the 26th RCC risk assessments in June 2013. Non-polio AFP Rate target for these member states has been revised to 2.0.

**Countries with a high risk for polio spread. Non-polio AFP Rate target for these member states has been revised to 3.0.