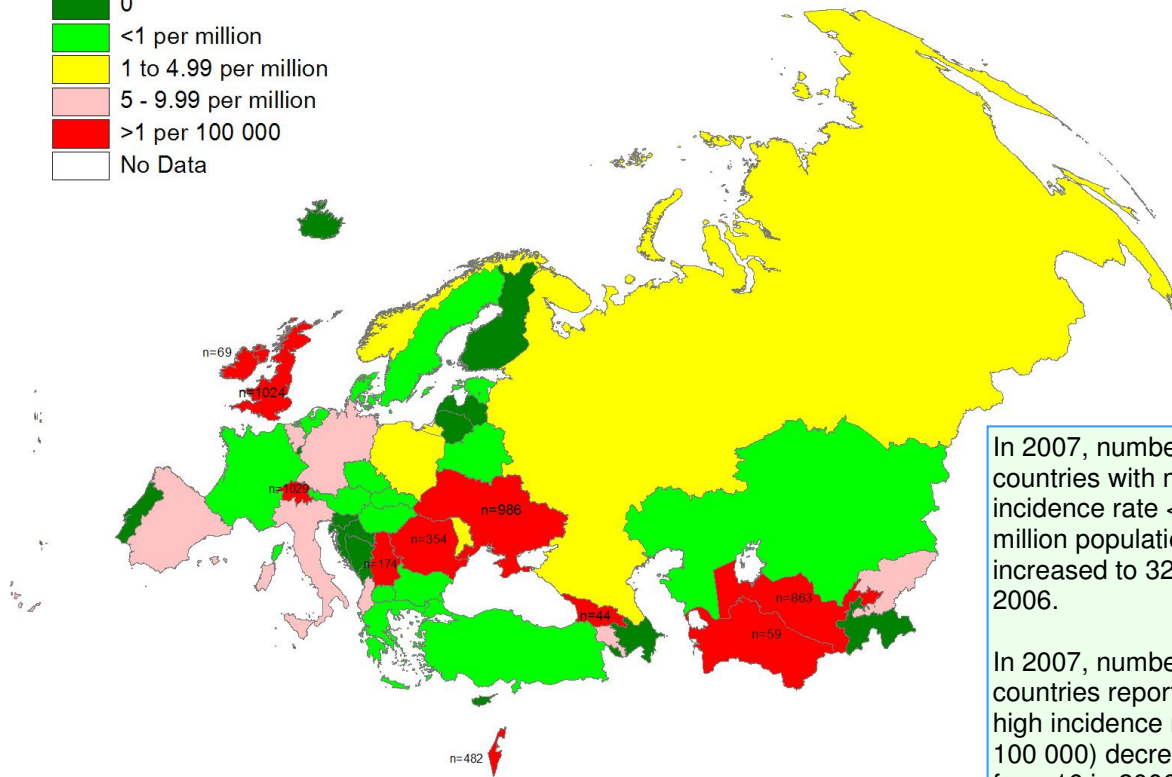


Measles incidence rate, 2007, WHO European Region

Total measles cases = 6,817



In 2007, number of countries with measles incidence rate <1 per million population increased to 32 from 22 in 2006.

In 2007, number of countries reporting very high incidence rate (>1 per 100 000) decreased to 10 from 16 in 2006.

Measles incidence rate, 2006, WHO European Region

Total measles cases = 55,734

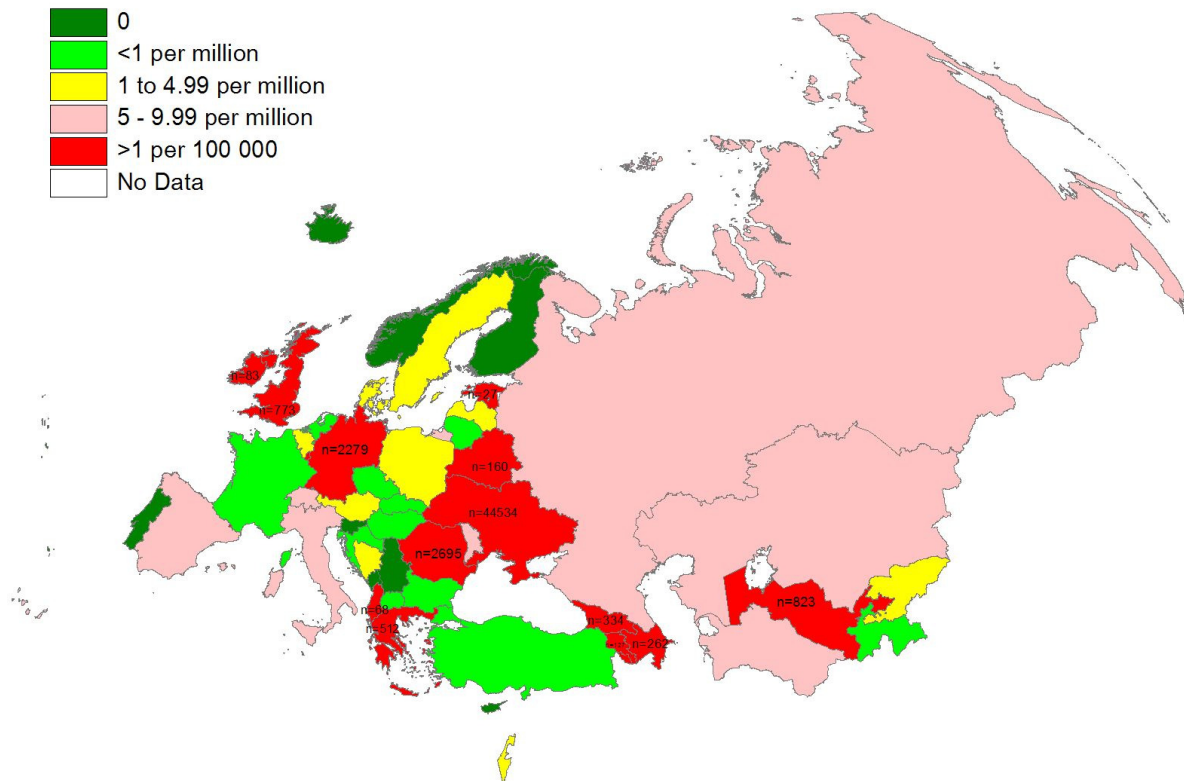


Table 1: Classification of suspected measles and rubella cases, Jan-Feb, 2008

Country	Measles								Rubella							
	Total suspected	Total measles (%)	Classification				Monthly Reporting		Total suspected	Total Rubella (%)	Classification				Monthly Reporting	
			Lab confirmed	Epi-Link	Clinical ¹	Discarded	% Completeness	% Timeliness			Lab confirmed	Epi-Link	Clinical ¹	Discarded	% Completeness	% Timeliness
Albania	0	0	0	0	0	0	100%	100%	-	-	-	-	-	-	0%	0%
Andorra	0	0	0	0	0	0	100%	100%	0	0	0	0	0	0	100%	100%
Armenia	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	100%	50%
Austria	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Azerbaijan	0	0	0	0	0	0	100%	100%	0	0	0	0	0	0	100%	100%
Belarus	0	0	0	0	0	0	50%	50%	0	0	0	0	0	0	50%	50%
Belgium	39	39 (100.0)	17	20	2	0	100%	0%	-	-	-	-	-	-	0%	0%
Bosnia and Herzegovina	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Bulgaria	0	0	0	0	0	0	100%	0%	-	-	-	-	-	-	0%	0%
Croatia	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Cyprus	0	0	0	0	0	0	100%	50%	0	0	0	0	0	0	100%	100%
Czech Republic ³	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Denmark ³	4	4 (100.0)	4	0	0	0	100%	50%	9	9 (100%)	0	0	9	0	0%	0%
Estonia	0	0	0	0	0	0	100%	50%	0	0	0	0	0	0	50%	50%
Finland	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
France	21	21 (100.0)	16	1	4	0	50%	0%	-	-	-	-	-	-	0%	0%
Georgia	7	7 (100.0)	0	0	7	0	100%	100%	19	19 (100%)	0	0	19	0	100%	100%
Germany ³	75	75 (100.0)	44	19	12	0	100%	0%	-	-	-	-	-	-	0%	0%
Greece	0	0	0	0	0	0	50%	0%	-	-	-	-	-	-	0%	0%
Hungary	0	0	0	0	0	0	100%	0%	-	-	-	-	-	-	0%	0%
Iceland	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Ireland	11	11 (100.0)	0	0	11	0	50%	0%	5	5 (100%)	1	0	4	0	100%	100%
Israel	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Italy	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Kazakhstan	2	2 (100.0)	2	0	0	0	50%	0%	-	-	-	-	-	-	0%	0%
Kyrgyzstan	6	1 (17.0)	1	0	0	5	100%	50%	-	-	-	-	-	-	0%	0%
Latvia	0	0	0	0	0	0	100%	50%	2	2 (100%)	1	0	1	0	100%	100%
Lithuania	0	0	0	0	0	0	100%	50%	0	0	0	0	0	0	100%	100%
Luxembourg	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Malta	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Moldova	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Monaco	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Montenegro	0	0	0	0	0	0	100%	50%	0	0	0	0	0	0	100%	50%
Netherlands ³	2	2 (100.0)	2	0	0	0	50%	0%	-	-	-	-	-	-	0%	0%
Norway	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Poland	15	7 (47.0)	0	0	7	8	100%	0%	-	-	-	-	-	-	0%	0%
Portugal	0	0	0	0	0	0	100%	0%	-	-	-	-	-	-	0%	0%
Romania	45	2 (4.0)	2	0	0	43	100%	0%	-	-	-	-	-	-	0%	0%
Russian Federation	5	5 (100.0)	5	0	0	0	100%	100%	-	-	-	-	-	-	0%	0%
San Marino	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Serbia	0	0	0	0	0	0	50%	0%	-	-	-	-	-	-	0%	0%
Slovakia	1	1 (100.0)	0	0	1	0	100%	50%	1	0 (0%)	0	0	0	1	100%	0%
Slovenia	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Spain	7	7 (100.0)	7	0	0	0	50%	0%	-	-	-	-	-	-	0%	0%
Sweden ³	10	10 (100.0)	8	1	1	0	100%	0%	-	-	-	-	-	-	0%	0%
Switzerland ³	428	428 (100.0)	206	35	187	0	50%	0%	-	-	-	-	-	-	0%	0%
Tajikistan	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
The former Yugoslav Republic of Macedonia	2	2 (100.0)	0	0	2	0	50%	50%	-	-	-	-	-	-	100%	50%
Turkey	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Turkmenistan	0	0	0	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Ukraine	15	15 (100.0)	1	0	14	0	100%	100%	-	-	-	-	-	-	0%	0%
United Kingdom	145	145 (100.0)	143	2	0	0	100%	0%	-	-	-	-	-	-	0%	0%
Uzbekistan	1	1 (100.0)	0	0	1	0	100%	100%	2	2 (100%)	0	0	2	0	100%	50%
Total/Averages	841	785 (93.0)	458	78	249	56	89%	32%	38	37 (97.0)	2	0	35	1	26%	16%

Data source: Monthly aggregate and case-based data reported by Member States to WHO/Europe and/or EUVAC.NET.

¹ Cases with missing classification are classified as "Clinical"

² Import related lab confirmed measles cases included in total cases: No case

³ Imported lab confirmed measles cases included in total cases: Czech Republic=1; Denmark=1; Germany =8; Netherlands=2; Sweden=3; Switzerland=4

Table 2: Measles and rubella laboratory test results, Jan-Feb, 2008

Country	Specimen* (Serum, Oral Fluid, Swab, Urine and other)									Reporting	
	Collected	Tested for measles	Positive for measles (%)	Measles Equivocal	Negative for measles	Tested for rubella	Positive for rubella (%)	Rubella Equivocal	Negative for rubella	% Completeness	% Timeliness
Albania	0	0	0	0	0	0	0	0	0	50.0	50.0
Andorra	No Lab										
Armenia	8	8	0 (0.0)	0	8	8	0 (0.0)	2	6	150.0	50.0
Austria	0	216	1 (0.0)	3	212	926	0 (0.0)	0	926	100.0	100.0
Azerbaijan	No Report										
Belarus	36	32	0 (0.0)	0	32	36	1 (3.0)	0	35	100.0	100.0
Belgium	78	78	28 (36.0)	3	41	21	1 (5.0)	0	16	150.0	150.0
Bosnia and Herzegovina	No Report										
Bulgaria	8	8	0 (0.0)	0	8	8	0 (0.0)	0	8	100.0	50.0
Croatia	0	0	0	0	0	0	0	0	0	100.0	100.0
Cyprus	0	0	0	0	0	0	0	0	0	100.0	100.0
Czech Republic	2	1	0 (0.0)	1	0	1	0 (0.0)	0	1	100.0	100.0
Denmark	No Report										
Estonia	189	50	1 (2.0)	0	48	167	4 (2.0)	0	162	150.0	150.0
Finland	134	22	0 (0.0)	0	22	112	0 (0.0)	0	112	100.0	100.0
France	No Report										
Georgia	No Report										
Germany	156	155	67 (43.0)	3	85	1	1 (100.0)	0	0	100.0	50.0
Greece	No Report										
Hungary	297	15	0 (0.0)	0	15	16	0 (0.0)	0	16	150.0	150.0
Iceland	No Report									0.0	0.0
Ireland	306	38	0 (0.0)	0	38	274	0 (0.0)	0	274	100.0	100.0
Israel	290	93	37 (40.0)	0	56	95	24 (25.0)	0	71	100.0	100.0
Italy	No Report										
Kazakhstan	105	54	4 (7.0)	0	50	104	57 (55.0)	3	44	100.0	50.0
Kyrgyzstan	No Report										
Latvia	41	24	0 (0.0)	0	24	38	0 (0.0)	0	38	100.0	100.0
Lithuania	1	2	0 (0.0)	0	1	1	0 (0.0)	0	1	100.0	100.0
Luxembourg	30	11	0 (0.0)	0	11	19	4 (21.0)	3	12	100.0	100.0
Malta	No Report										
Moldova	11	11	0 (0.0)	0	11	11	0 (0.0)	0	11	100.0	100.0
Monaco	No Lab										
Montenegro	No Lab										
Netherlands	17	9	5 (56.0)	0	4	9	0 (0.0)	0	9	100.0	0.0
Norway	30	23	0 (0.0)	0	23	12	2 (17.0)	0	10	150.0	150.0
Poland	15	15	0 (0.0)	0	15	15	3 (20.0)	0	12	100.0	50.0
Portugal	16	0	0	0	0	0	0	0	0	150.0	150.0
Romania	45	38	0 (0.0)	0	38	47	0 (0.0)	1	46	50.0	50.0
Russian Federation	428	417	8 (2.0)	2	407	303	62 (20.0)	3	238	100.0	100.0
San Marino	No Lab										
Serbia	6	0	0	0	0	6	0 (0.0)	0	6	50.0	50.0
Slovakia	8	8	0 (0.0)	0	8	0	0	0	0	100.0	50.0
Slovenia	83	16	0 (0.0)	0	16	67	19 (28.0)	0	48	150.0	150.0
Spain	10	14	0 (0.0)	1	7	0	0	0	0	50.0	50.0
Sweden	No Report										
Switzerland	No Lab										
Tajikistan	1	1	0 (0.0)	0	1	1	0 (0.0)	0	1	100.0	50.0
The former Yugoslav Republic of Macedonia	No Report										
Turkey	No Report										
Turkmenistan	22	22	0 (0.0)	0	22	22	0 (0.0)	0	22	100.0	100.0
Ukraine	94	92	1 (1.0)	1	90	94	5 (5.0)	0	89	100.0	100.0
United Kingdom	551	405	128 (32.0)	17	260	101	3 (3.0)	3	95	50.0	0.0
Uzbekistan	0	0	0	0	0	0	0	0	0	100.0	100.0
Total / Average	3018	1878	280 (15%)	31	1553	2515	186 (7%)	15	2309	71.0	51.0

*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

Data source: Aggregated monthly lab data provided by laboratories of the regional measles and rubella lab network.

Table 1: Classification of suspected measles and rubella cases, Jan-Dec, 2007

Country	Measles								Rubella							
	Total suspected	Total measles (%)	Classification				Monthly Reporting		Total suspected	Total Rubella (%)	Classification				Monthly Reporting	
			Lab confirmed	Epi-Link	Clinical ¹	Discarded	% Completeness	% Timeliness			Lab confirmed	Epi-Link	Clinical ¹	Discarded	% Completeness	% Timeliness
Albania ²	33	21 (64.0)	21	0	0	12	100%	91%	-	-	-	-	-	-	0%	0%
Andorra	0	0	0	0	0	0	100%	50%	0	0	0	0	0	0	100%	50%
Armenia	20	20 (100.0)	0	0	20	0	91%	8%	-	-	-	-	-	-	0%	0%
Austria	3	3 (100.0)	2	0	1	0	91%	75%	-	-	-	-	-	-	0%	0%
Azerbaijan	0	0	0	0	0	0	91%	50%	3	3 (100)	1	0	2	0	83%	33%
Belarus	1	1 (100.0)	1	0	0	0	100%	91%	13	13 (100)	7	0	6	0	100%	91%
Belgium	58	58 (100.0)	14	36	8	0	91%	75%	-	-	-	-	-	-	0%	0%
Bosnia and Herzegovina	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Bulgaria	1	1 (100.0)	0	0	1	0	100%	91%	-	-	-	-	-	-	0%	0%
Croatia	6	0	0	0	0	0	100%	100%	41	33 (80)	29	1	3	14	25%	25%
Cyprus	0	0	0	0	0	0	100%	83%	0	0	0	0	0	0	83%	83%
Czech Republic ³	2	2 (100.0)	2	0	0	0	100%	50%	-	-	-	-	-	-	0%	0%
Denmark ³	4	4 (100.0)	3	0	1	0	100%	91%	1	0 (0)	0	0	0	1	8%	8%
Estonia	1	1 (100.0)	1	0	0	0	100%	91%	9	9 (100)	6	0	3	0	100%	33%
Finland	0	0	0	0	0	0	100%	100%	-	-	-	-	-	-	0%	0%
France ³	55	40 (73.0)	22	0	18	15	91%	66%	-	-	-	-	-	-	0%	0%
Georgia	44	44 (100.0)	2	0	42	0	100%	50%	225	225 (100)	0	0	225	0	100%	33%
Germany ³	566	566 (100.0)	277	206	83	0	100%	100%	-	-	-	-	-	-	0%	0%
Greece	1	1 (100.0)	0	0	1	0	50%	8%	-	-	-	-	-	-	0%	0%
Hungary	2	1 (50.0)	0	0	1	1	100%	91%	4	4 (100)	0	0	4	0	58%	58%
Iceland	0	0	0	0	0	0	91%	58%	-	-	-	-	-	-	0%	0%
Ireland	69	69 (100.0)	16	7	46	0	100%	100%	19	19 (100)	4	2	13	0	100%	100%
Israel	482	482 (100.0)	78	0	404	0	100%	33%	-	-	-	-	-	-	0%	0%
Italy ³	410	410 (100.0)	23	0	387	0	75%	8%	-	-	-	-	-	-	0%	0%
Kazakhstan	7	7 (100.0)	4	1	2	0	66%	25%	2	2 (100)	0	2	0	0	8%	0%
Kyrgyzstan	45	41 (91.0)	40	0	1	0	100%	8%	-	-	-	-	-	-	0%	0%
Latvia	0	0	0	0	0	0	100%	83%	7	7 (100)	1	0	6	0	100%	75%
Lithuania	0	0	0	0	0	0	100%	91%	13	13 (100)	0	0	13	0	91%	66%
Luxembourg	0	0	0	0	0	0	100%	100%	-	-	-	-	-	-	0%	0%
Malta	0	0	0	0	0	0	100%	100%	-	-	-	-	-	-	0%	0%
Moldova	10	10 (100.0)	7	0	3	0	100%	25%	-	-	-	-	-	-	0%	0%
Monaco	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Montenegro	0	0	0	0	0	0	91%	41%	0	0	0	0	0	0	83%	50%
Netherlands ³	9	8 (89.0)	8	0	0	1	75%	33%	-	-	-	-	-	-	0%	0%
Norway ³	20	20 (100.0)	17	3	0	0	100%	83%	-	-	-	-	-	-	0%	0%
Poland	179	80 (45.0)	56	2	22	99	100%	83%	0	0	0	0	0	0	8%	8%
Portugal	0	0	0	0	0	0	91%	50%	-	-	-	-	-	-	0%	0%
Romania	418	354 (85.0)	345	0	9	61	100%	100%	-	-	-	-	-	-	0%	0%
Russian Federation	172	172 (100.0)	162	0	10	0	100%	100%	-	-	-	-	-	-	8%	8%
San Marino	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Serbia	174	174 (100.0)	147	0	27	0	75%	25%	-	-	-	-	-	-	8%	8%
Slovakia	2	1 (50.0)	1	0	0	1	100%	83%	7	2 (29)	0	0	2	5	100%	66%
Slovenia	0	0	0	0	0	0	100%	100%	-	-	-	-	-	-	0%	0%
Spain	260	260 (100.0)	234	19	7	0	100%	83%	-	-	-	-	-	-	0%	0%
Sweden	1	1 (100.0)	0	0	1	0	100%	91%	-	-	-	-	-	-	0%	0%
Switzerland ³	1132	1029 (91.0)	411	123	495	103	100%	33%	-	-	-	-	-	-	0%	0%
Tajikistan	0	0	0	0	0	0	75%	8%	188	188 (100)	100	0	88	0	75%	8%
The former Yugoslav Republic of Macedonia	1	1 (100.0)	0	0	1	0	91%	8%	-	-	-	-	-	-	0%	0%
Turkey	3	3 (100.0)	3	0	0	0	100%	8%	624	624 (100)	0	0	624	0	83%	8%
Turkmenistan	59	59 (100.0)	45	0	14	0	100%	8%	-	-	-	-	-	-	0%	0%
Ukraine	986	986 (100.0)	232	0	754	0	100%	91%	-	-	-	-	-	-	0%	0%
United Kingdom ³	1024	1024 (100.0)	992	32	0	0	91%	91%	-	-	-	-	-	-	0%	0%
Uzbekistan	863	863 (100.0)	212	0	651	0	91%	58%	202	202 (100)	19	0	183	0	100%	41%
Total/Averages	7123	6817 (96.0)	3378	429	3010	293	89%	50%	1358	1344 (99)	167	5	1172	20	26%	16%

Data source: Monthly aggregate and case-based data reported by Member States to WHO/Europe and/or EUVAC.NET.

¹ Cases with missing classification are classified as "Clinical measles".

² Import related lab confirmed measles cases included in total cases: Albania = 21

³ Imported lab confirmed measles cases included in total cases: Czech Republic=1; Denmark=2; France =5; Germany =12; Italy=2; Netherlands=3; Norway=2; Switzerland=9; UK=18

Table 2: Measles and rubella laboratory test results, Jan-Dec, 2007

Country	Specimen* (Serum, Oral Fluid, Swab, Urine and other)									Reporting	
	Collected	Tested for measles	Positive for measles (%)	Measles Equivocal	Negative for measles	Tested for rubella	Positive for rubella (%)	Rubella Equivocal	Negative for rubella	% Completeness	% Timeliness
Albania	35	35	22 (63.0)	0	13	0	0	0	0	100.0	42.0
Andorra	No Lab										
Armenia	161	79	1 (1.0)	0	78	152	85 (56.0)	3	64	100.0	42.0
Austria	4909	948	10 (1.0)	0	938	5421	1 (0.0)	0	5420	100.0	100.0
Azerbaijan	45	17	0 (0.0)	0	17	28	1 (4.0)	0	27	100.0	25.0
Belarus	196	192	2 (1.0)	0	190	172	6 (3.0)	1	165	100.0	50.0
Belgium	91	94	25 (27.0)	2	67	58	3 (5.0)	1	54	100.0	100.0
Bosnia and Herzegovina	No Report										
Bulgaria	74	74	3 (4.0)	0	71	74	3 (4.0)	0	71	92.0	83.0
Croatia	32	0	0	0	0	32	21 (66.0)	0	11	100.0	67.0
Cyprus	0	0	0	0	0	0	0	0	0	100.0	100.0
Czech Republic	66	31	7 (23.0)	4	20	64	7 (11.0)	0	57	100.0	100.0
Denmark	No Report										
Estonia	508	173	3 (2.0)	0	169	511	10 (2.0)	0	500	100.0	100.0
Finland	645	128	0 (0.0)	0	128	517	0 (0.0)	0	517	92.0	83.0
France	No Report										
Georgia	33	18	2 (11.0)	0	16	37	0 (0.0)	1	36	58.0	25.0
Germany	639	631	238 (38.0)	3	390	8	1 (13.0)	0	7	100.0	0.0
Greece	454	72	1 (1.0)	0	71	382	82 (21.0)	0	300	100.0	67.0
Hungary	784	41	2 (5.0)	0	38	63	1 (2.0)	0	62	100.0	75.0
Iceland	No Report									0.0	0.0
Ireland	2192	334	13 (4.0)	10	311	1942	9 (0.0)	3	1930	100.0	0.0
Israel	1133	141	61 (43.0)	0	80	408	64 (16.0)	0	344	100.0	92.0
Italy	83	0	0	0	0	0	0	0	0	8.0	8.0
Kazakhstan	209	184	13 (7.0)	2	169	201	87 (43.0)	9	105	100.0	92.0
Kyrgyzstan	369	369	78 (21.0)	11	280	369	7 (2.0)	9	353	100.0	33.0
Latvia	189	47	0 (0.0)	1	46	143	0 (0.0)	0	143	92.0	92.0
Lithuania	11	13	0 (0.0)	0	11	11	0 (0.0)	0	11	100.0	100.0
Luxembourg	219	144	0 (0.0)	3	141	76	11 (14.0)	9	56	100.0	100.0
Malta	1135	9	2 (22.0)	1	6	1097	42 (4.0)	19	1036	83.0	58.0
Moldova	61	63	10 (16.0)	0	53	63	3 (5.0)	0	60	100.0	92.0
Monaco	No Lab										
Montenegro	No Lab										
Netherlands	58	60	17 (28.0)	0	43	34	0 (0.0)	0	34	100.0	25.0
Norway	72	50	6 (12.0)	0	44	26	2 (8.0)	0	24	92.0	92.0
Poland	96	95	15 (16.0)	6	74	95	26 (27.0)	1	68	83.0	50.0
Portugal	49	7	0 (0.0)	5	2	0	0	0	0	100.0	100.0
Romania	937	825	346 (42.0)	4	475	569	5 (1.0)	2	562	92.0	92.0
Russian Federation	4075	3970	204 (5.0)	56	3710	2973	458 (15.0)	65	2450	100.0	75.0
San Marino	No Lab										
Serbia	222	61	45 (74.0)	2	14	160	1 (1.0)	0	159	75.0	42.0
Slovakia	34	13	1 (8.0)	0	12	24	0 (0.0)	0	24	100.0	92.0
Slovenia	289	59	2 (3.0)	2	54	234	2 (1.0)	1	231	100.0	100.0
Spain	749	920	361 (39.0)	2	364	648	1 (0.0)	0	591	92.0	25.0
Sweden	0	0	0	0	0	0	0	0	0	0.0	0.0
Switzerland	No Lab										
Tajikistan	299	106	0 (0.0)	0	106	298	178 (60.0)	1	119	100.0	33.0
The former Yugoslav Republic of Macedonia	No Report										
Turkey	1174	1174	5 (0.0)	14	1155	1174	289 (25.0)	70	815	100.0	33.0
Turkmenistan	262	262	40 (15.0)	4	193	262	9 (3.0)	4	224	100.0	67.0
Ukraine	954	906	230 (25.0)	8	589	693	106 (15.0)	10	577	100.0	100.0
United Kingdom	7032	5404	1525 (28.0)	183	3696	1339	50 (4.0)	49	1240	100.0	25.0
Uzbekistan	296	277	212 (77.0)	7	58	96	19 (20.0)	1	76	100.0	83.0
Total / Average	30871	18026	3502 (19%)	330	13892	20454	1590 (8%)	259	18523	71.0	51.0

*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

Data source: Aggregated monthly lab data provided by laboratories of the regional measles and rubella lab network.