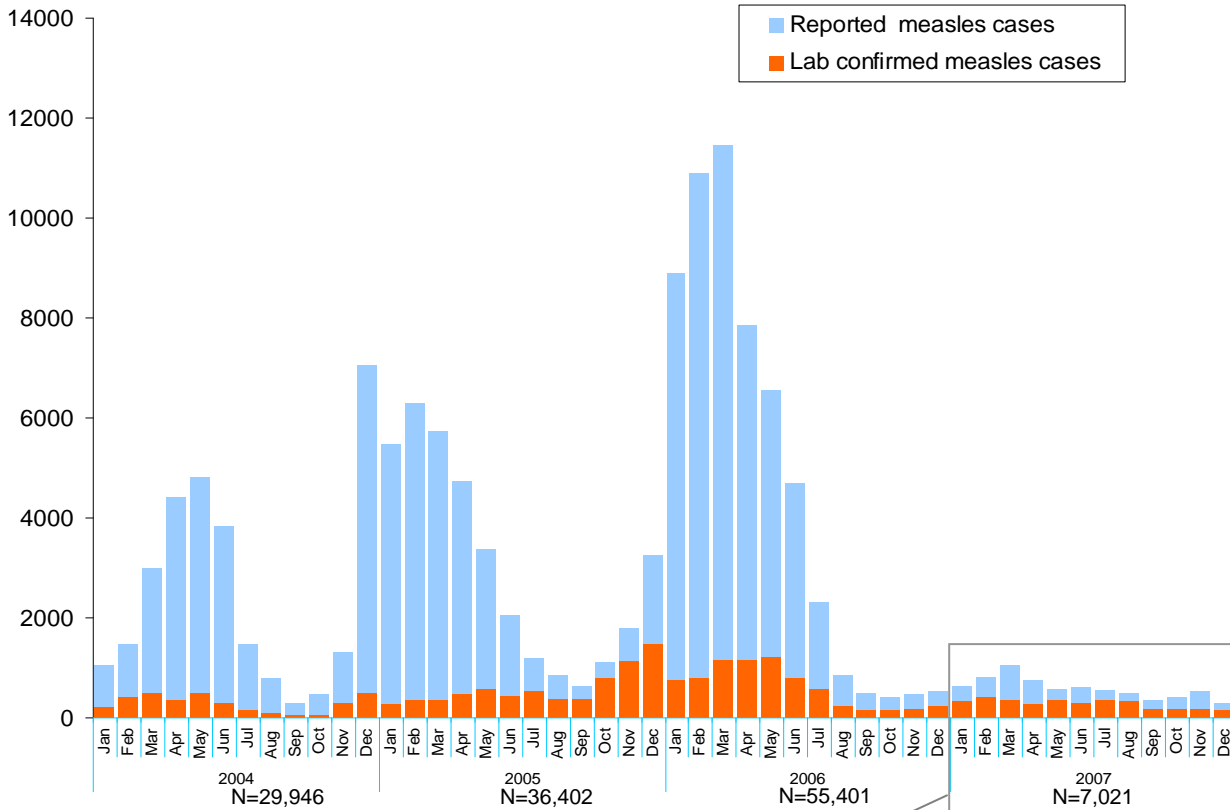


Monthly reporting of suspected and lab confirmed measles cases 2004-2007, WHO/Europe



*Data as of Feb, 2008
Source: Monthly measles aggregate/case-based reporting

Reported measles incidence in the WHO European Region in 2007 dropped almost 90% from 2006 levels. This decrease was greatest during the first half of the year, when the Region avoided the major seasonal outbreaks in a limited number of Member States that accounted for the majority of cases in previous years. In 2007, for the first time, Western Europe recorded the majority (60%) of the cases in the region.

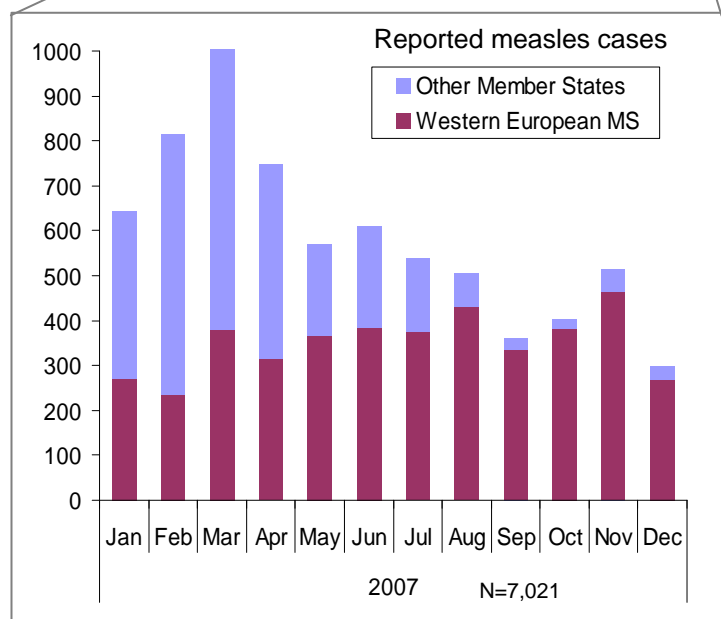


Table 1: Classification of suspected measles and rubella cases, Jan-Dec, 2007

Country	Measles									Rubella								
	Total suspected	Total Confirmed (%)	Classification					Monthly Reporting		Total suspected	Total Confirmed (%)	Classification					Monthly Reporting	
			Lab confirmed	Epi-Link	Clinical	Discarded	Pending ¹	% Completeness	% Timeliness			Lab confirmed	Epi-Link	Clinical	Discarded	Pending ¹	% Completeness	% Timeliness
Albania ²	33	21 (64.0)	21	0	0	12	0	100%	91%	-	-	-	-	-	-	-	0%	0%
Andorra	0	0	0	0	0	0	0	100%	50%	0	0	0	0	0	0	0	100%	50%
Armenia	20	0	0	0	0	0	20	91%	8%	-	-	-	-	-	-	-	0%	0%
Austria	3	2 (67.0)	2	0	0	0	1	91%	75%	-	-	-	-	-	-	-	0%	0%
Azerbaijan	0	0	0	0	0	0	0	91%	50%	3	1 (33.0)	1	0	0	0	2	83%	33%
Belarus	1	1 (100.0)	1	0	0	0	0	100%	91%	13	7 (54.0)	7	0	0	0	6	100%	91%
Belgium	58	57 (98.0)	14	36	7	0	1	91%	75%	-	-	-	-	-	-	-	0%	0%
Bosnia and Herzegovina	No Report	-	-	-	-	-	-	0%	0%	-	-	-	-	-	-	-	0%	0%
Bulgaria	1	0	0	0	0	0	1	100%	91%	-	-	-	-	-	-	-	0%	0%
Croatia	0	0	0	0	0	0	0	100%	100%	47	33 (70.0)	29	1	3	14	0	25%	25%
Cyprus	0	0	0	0	0	0	0	100%	83%	0	0	0	0	0	0	0	83%	83%
Czech Republic ³	2	2 (100.0)	2	0	0	0	0	100%	50%	-	-	-	-	-	-	-	0%	0%
Denmark ³	4	3 (75.0)	3	0	0	0	1	100%	91%	1	0 (0.0)	0	0	0	1	0	8%	8%
Estonia	1	1 (100.0)	1	0	0	0	0	100%	91%	9	9 (100.0)	6	0	3	0	0	100%	33%
Finland	0	0	0	0	0	0	0	100%	100%	-	-	-	-	-	-	-	0%	0%
France ³	55	40 (73.0)	22	0	18	15	0	91%	66%	-	-	-	-	-	-	-	0%	0%
Georgia	44	2 (5.0)	2	0	0	0	42	100%	50%	225	0 (0.0)	0	0	0	0	225	100%	33%
Germany ³	565	565 (100.0)	276	206	83	0	0	100%	100%	-	-	-	-	-	-	-	0%	0%
Greece	1	1 (100.0)	0	0	1	0	0	50%	8%	-	-	-	-	-	-	-	0%	0%
Hungary	2	0	0	0	0	1	1	100%	91%	4	0 (0.0)	0	0	0	0	4	58%	58%
Iceland	0	0	0	0	0	0	0	91%	58%	-	-	-	-	-	-	-	0%	0%
Ireland	69	63 (91.0)	16	7	40	0	6	100%	100%	19	12 (63.0)	4	2	6	0	7	100%	100%
Israel	482	79 (16.0)	78	0	1	0	403	100%	33%	-	-	-	-	-	-	-	0%	0%
Italy	334	0	0	0	0	0	334	75%	8%	-	-	-	-	-	-	-	0%	0%
Kazakhstan	7	6 (86.0)	4	1	1	0	1	66%	25%	2	2 (100.0)	0	2	0	0	0	8%	0%
Kyrgyzstan	43	39 (91.0)	39	0	0	0	1	100%	8%	-	-	-	-	-	-	-	0%	0%
Latvia	0	0	0	0	0	0	0	100%	83%	7	5 (71.0)	1	0	4	0	2	100%	75%
Lithuania	0	0	0	0	0	0	0	100%	91%	13	0 (0.0)	0	0	0	0	13	91%	66%
Luxembourg	0	0	0	0	0	0	0	100%	100%	-	-	-	-	-	-	-	0%	0%
Malta	0	0	0	0	0	0	0	100%	100%	-	-	-	-	-	-	-	0%	0%
Moldova	10	7 (70.0)	7	0	0	0	3	100%	25%	-	-	-	-	-	-	-	0%	0%
Monaco	No Report	-	-	-	-	-	-	0%	0%	-	-	-	-	-	-	-	0%	0%
Montenegro	0	0	0	0	0	0	0	91%	41%	0	0	0	0	0	0	0	83%	50%
Netherlands ³	9	8 (89.0)	8	0	0	1	0	75%	33%	-	-	-	-	-	-	-	0%	0%
Norway ³	20	20 (100.0)	17	3	0	0	0	100%	83%	-	-	-	-	-	-	-	0%	0%
Poland	179	73 (41.0)	56	2	15	99	7	100%	83%	0	0	0	0	0	0	0	8%	8%
Portugal	0	0	0	0	0	0	0	91%	50%	-	-	-	-	-	-	-	0%	0%
Romania	399	348 (87.0)	343	0	5	47	1	100%	100%	-	-	-	-	-	-	-	0%	0%
Russian Federation	174	172 (99.0)	164	0	8	0	2	100%	100%	-	-	-	-	-	-	-	8%	8%
San Marino	No Report	-	-	-	-	-	-	0%	0%	-	-	-	-	-	-	-	0%	0%
Serbia	174	147 (84.0)	147	0	0	0	27	75%	25%	-	-	-	-	-	-	-	8%	8%
Slovakia	2	1 (50.0)	1	0	0	1	0	100%	83%	7	2 (29.0)	0	0	2	5	0	100%	66%
Slovenia	0	0	0	0	0	0	0	100%	100%	-	-	-	-	-	-	-	0%	0%
Spain	260	260 (100.0)	234	19	7	0	0	100%	83%	-	-	-	-	-	-	-	0%	0%
Sweden	1	1 (100.0)	0	0	1	0	0	100%	91%	-	-	-	-	-	-	-	0%	0%
Switzerland ³	1132	1015 (90.0)	411	123	481	103	14	100%	33%	-	-	-	-	-	-	-	0%	0%
Tajikistan	0	0	0	0	0	0	0	75%	8%	188	100 (53.0)	100	0	0	0	88	75%	8%
The former Yugoslav Republic of Macedonia	1	0	0	0	0	0	1	91%	8%	-	-	-	-	-	-	-	0%	0%
Turkey	3	3 (100.0)	3	0	0	0	0	100%	8%	624	0 (0.0)	0	0	0	0	624	83%	8%
Turkmenistan	59	59 (100.0)	34	0	25	0	0	100%	8%	-	-	-	-	-	-	-	0%	0%
Ukraine	986	232 (24.0)	232	0	0	0	754	91%	91%	-	-	-	-	-	-	-	0%	0%
United Kingdom ³	1024	1024 (100.0)	992	32	0	0	0	91%	58%	-	-	-	-	-	-	-	0%	0%
Uzbekistan	863	215 (25.0)	212	0	3	0	648	100%	50%	202	19 (9.0)	19	0	0	0	183	100%	41%
Total/Averages	7021	4467 (64.0)	3342	429	696	279	2269	89%	59%	1364	190 (14.0)	167	5	18	20	1154	26%	16%

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

¹ Under Investigation / classification unknown or not reported - clinically suspected measles / rubella

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; 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	61 (1.0)	0	5360	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 Report										
Montenegro	No Lab										
Netherlands	58	63	16 (25.0)	0	47	33	0 (0.0)	0	33	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
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	255	255	38 (15.0)	2	190	255	11 (4.0)	2	217	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	30864	18022	3499 (19%)	328	13893	20446	1652 (8%)	257	18455	71%	51%

*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.

Website: <http://www.euro.who.int/vaccine>; CISID: <http://data.euro.who.int/cisid>; email: measles@euro.who.int