

Measles-containing vaccine (MCV1) coverage in the WHO European Region in 2007

Figure 1: MCV1 coverage at national level

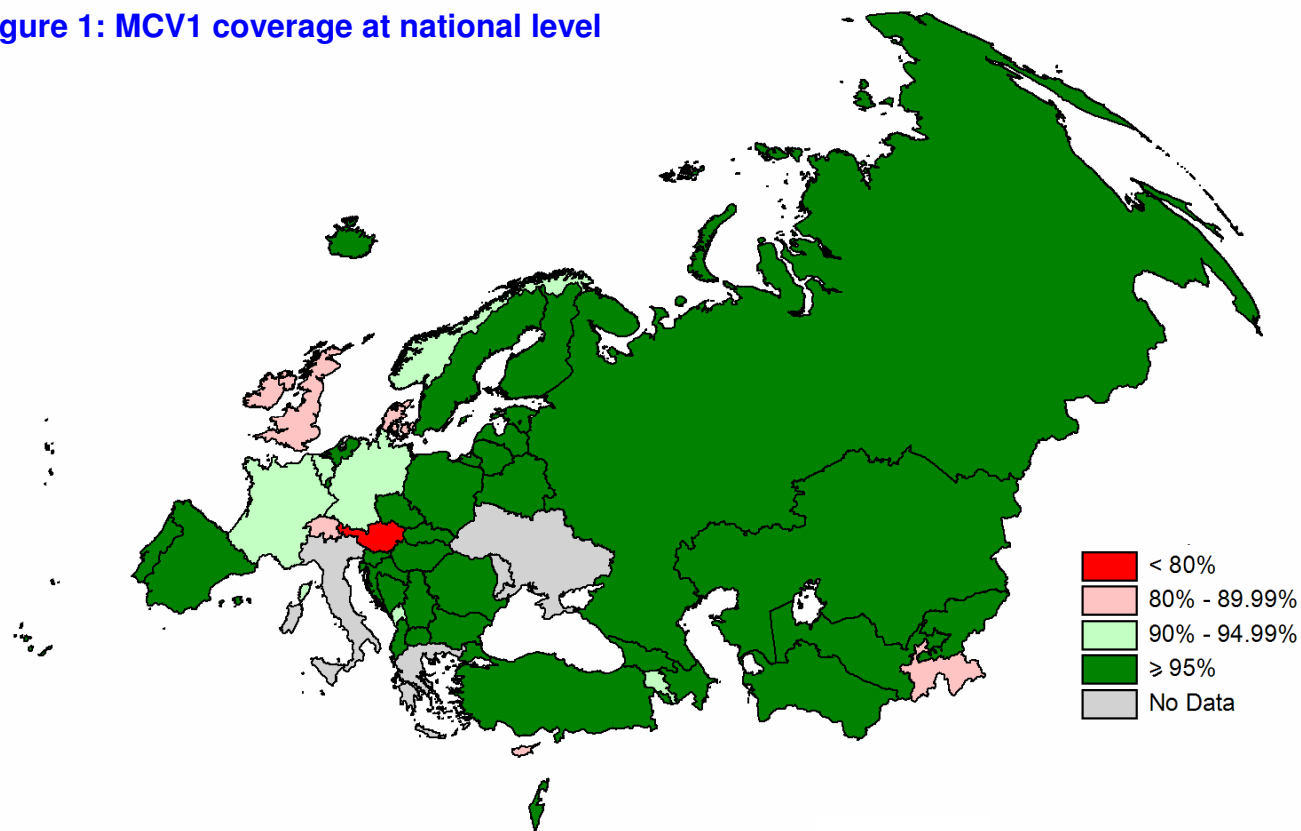
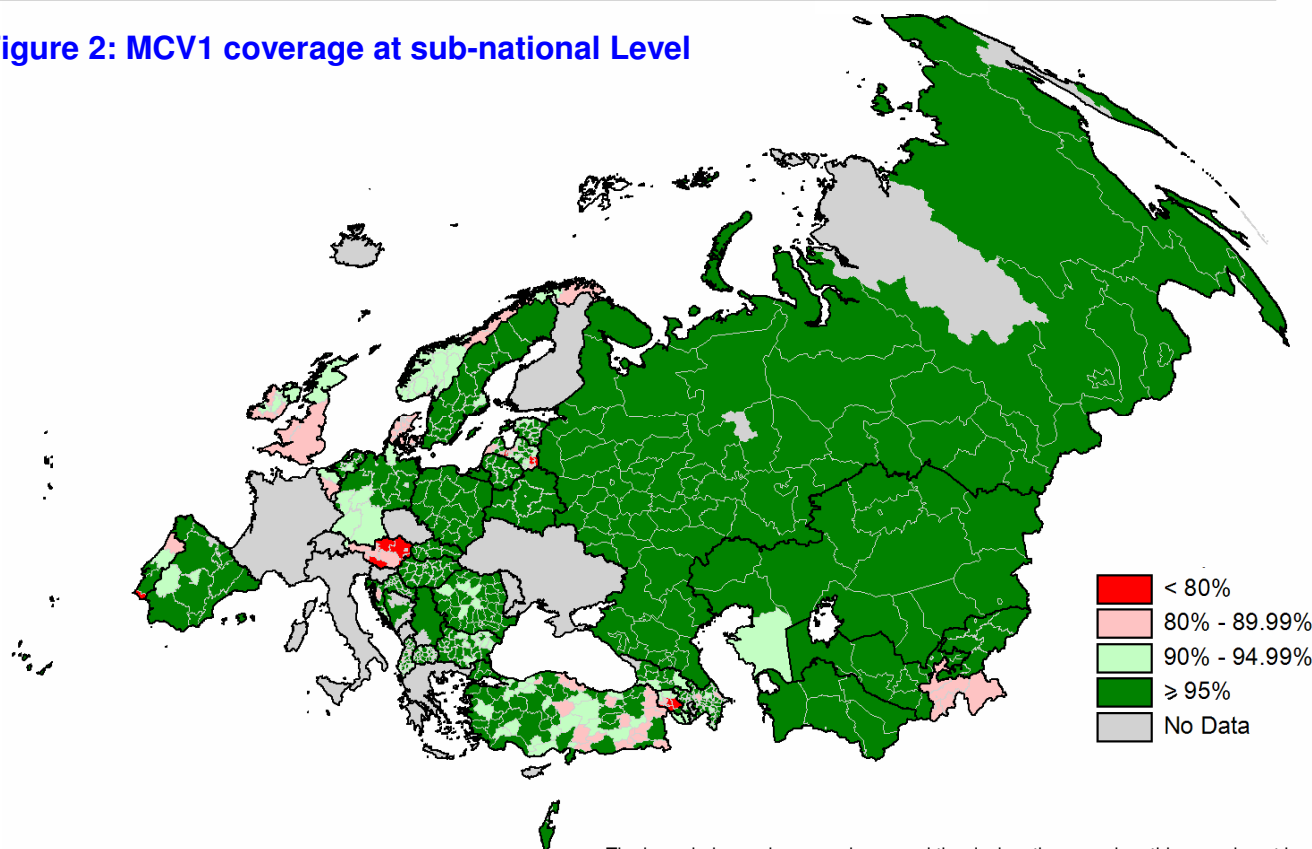


Figure 2: MCV1 coverage at sub-national Level



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

Table 1: Classification of suspected measles and rubella cases, Jan-Jun, 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	0	0	0	0	100%	66%
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%	66%	3	3 (100%)	0	0	3	0	100%	66%
Austria ²	52	52 (100.0)	25	3	24	0	50%	16%	-	-	-	-	-	-	0%	0%
Azerbaijan	1	1 (100.0)	0	0	1	0	100%	100%	0	0	0	0	0	0	66%	66%
Belarus	0	0	0	0	0	0	83%	83%	1	1 (100%)	1	0	0	0	100%	100%
Belgium	60	59 (98.0)	22	33	4	1	66%	33%	-	-	-	-	-	-	0%	0%
Bosnia and Herzegovina	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Bulgaria	0	0	0	0	0	0	83%	50%	-	-	-	-	-	-	0%	0%
Croatia ²	68	48 (71.0)	38	6	4	20	83%	66%	-	-	-	-	-	-	0%	0%
Cyprus	0	0	0	0	0	0	100%	83%	0	0	0	0	0	0	100%	100%
Czech Republic	0	0	0	0	0	0	100%	83%	-	-	-	-	-	-	0%	0%
Denmark ²	7	7 (100.0)	7	0	0	0	100%	66%	9	9 (100%)	0	0	9	0	16%	0%
Estonia	2	0	0	0	0	0	100%	50%	0	0	2	0	0	0	100%	33%
Finland	1	1 (100.0)	1	0	0	0	100%	83%	-	-	-	-	-	-	0%	0%
France ²	64	59 (92.0)	47	1	11	5	66%	33%	-	-	-	-	-	-	0%	0%
Georgia	27	27 (100.0)	2	0	25	0	100%	83%	88	88 (100%)	6	0	82	0	100%	83%
Germany ²	865	853 (99.0)	342	382	129	12	83%	50%	-	-	-	-	-	-	0%	0%
Greece	0	0	0	0	0	0	66%	33%	-	-	-	-	-	-	0%	0%
Hungary	0	0	0	0	0	0	83%	50%	-	-	-	-	-	-	0%	0%
Iceland	0	0	0	0	0	0	83%	33%	-	-	-	-	-	-	0%	0%
Ireland ²	22	22 (100.0)	2	1	19	0	50%	33%	22	22 (100%)	1	1	20	0	100%	100%
Israel	595	595 (100.0)	69	0	526	0	50%	0%	-	-	-	-	-	-	0%	0%
Italy	0	0	0	0	0	0	33%	16%	-	-	-	-	-	-	0%	0%
Kazakhstan	17	17 (100.0)	12	5	0	0	100%	50%	2937	2937 (100%)	806	1299	832	0	83%	33%
Kyrgyzstan	6	1 (17.0)	1	0	0	5	100%	83%	-	-	-	-	-	-	0%	0%
Latvia	2	2 (100.0)	2	0	0	0	100%	50%	3	3 (100%)	2	0	1	0	50%	50%
Lithuania	1	1 (100.0)	1	0	0	0	66%	50%	0	0	0	0	0	0	66%	66%
Luxembourg	0	0	0	0	0	0	50%	16%	-	-	-	-	-	-	0%	0%
Malta	0	0	0	0	0	0	83%	66%	-	-	-	-	-	-	0%	0%
Moldova	0	0	0	0	0	0	100%	33%	-	-	-	-	-	-	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 ²	2	2 (100.0)	2	0	0	0	16%	0%	-	-	-	-	-	-	0%	0%
Norway	0	0	0	0	0	0	83%	66%	-	-	-	-	-	-	0%	0%
Poland	66	11 (17.0)	1	0	10	55	83%	16%	-	-	-	-	-	-	0%	0%
Portugal	0	0	0	0	0	0	83%	16%	-	-	-	-	-	-	0%	0%
Romania ²	247	15 (6.0)	15	0	0	231	100%	16%	-	-	-	-	-	-	0%	0%
Russian Federation	20	20 (100.0)	20	0	0	0	100%	100%	-	-	-	-	-	-	0%	0%
San Marino	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Serbia	0	0	0	0	0	0	100%	66%	-	-	-	-	-	-	0%	0%
Slovakia	2	1 (50.0)	1	0	0	1	100%	83%	1	1 (100%)	0	0	1	0	83%	33%
Slovenia	0	0	0	0	0	0	100%	83%	-	-	-	-	-	-	0%	0%
Spain ²	162	162 (100.0)	131	23	8	0	66%	33%	-	-	-	-	-	-	0%	0%
Sweden ²	26	26 (100.0)	19	5	2	0	83%	50%	-	-	-	-	-	-	0%	0%
Switzerland ²	1987	1829 (92.0)	679	120	1030	158	50%	16%	-	-	-	-	-	-	0%	0%
Tajikistan	0	0	0	0	0	0	50%	16%	16	16 (100%)	0	0	16	0	50%	16%
The former Yugoslav Republic of Macedonia	5	5 (100.0)	0	0	5	0	100%	100%	1	1 (100%)	0	0	1	0	33%	16%
Turkey	No Report	-	-	-	-	-	0%	0%	-	-	-	-	-	-	0%	0%
Turkmenistan	0	0	0	0	0	0	100%	83%	-	-	-	-	-	-	0%	0%
Ukraine	33	33 (100.0)	4	0	29	0	83%	83%	0	0	0	0	0	0	16%	16%
United Kingdom ²	448	448 (100.0)	446	2	0	0	66%	33%	-	-	-	-	-	-	0%	0%
Uzbekistan	2	2 (100.0)	1	0	1	0	100%	100%	17	17 (100%)	11	0	6	0	100%	83%
Total/Averages	4790	4299 (90.0)	1890	581	1828	488	76%	50%	3098	3100 (100.0)	829	1300	971	0	27%	20%

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 Importation of measles cases (included in total cases): Austria=2; Croatia=2; Denmark=3; France=5; Germany =63; Ireland=2; Netherlands=2; Romania = 6 (including 4 import related cases); Spain=2, Sweden=11; Switzerland=9, UK=2 .

Table 2: Measles and rubella laboratory test results, Jan-Jun, 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	83.0	67.0
Andorra	No Lab										
Armenia	18	18	1 (6.0)	0	16	18	0 (0.0)	3	14	83.0	33.0
Austria	0	1079	124 (11.0)	14	941	2808	4 (0.0)	0	2804	100.0	100.0
Azerbaijan	19	12	2 (17.0)	1	9	8	0 (0.0)	0	8	100.0	50.0
Belarus	89	81	0 (0.0)	0	81	87	1 (1.0)	0	86	100.0	83.0
Belgium	112	106	39 (37.0)	4	59	33	3 (9.0)	1	25	100.0	100.0
Bosnia and Herzegovina	No Report										
Bulgaria	34	34	1 (3.0)	0	33	34	1 (3.0)	0	33	100.0	83.0
Croatia	58	58	19 (33.0)	1	38	20	0 (0.0)	0	20	67.0	50.0
Cyprus	0	0	0	0	0	0	0	0	0	83.0	83.0
Czech Republic	35	22	2 (9.0)	2	18	34	0 (0.0)	0	34	100.0	100.0
Denmark	No Report										
Estonia	413	118	1 (1.0)	0	116	369	4 (1.0)	0	364	100.0	100.0
Finland	303	76	2 (3.0)	0	74	231	0 (0.0)	0	231	83.0	67.0
France	No Report										
Georgia	55	28	0 (0.0)	0	28	27	5 (19.0)	1	21	50.0	0.0
Germany	1038	1034	478 (46.0)	12	544	6	1 (17.0)	2	3	100.0	17.0
Greece	No Report										
Hungary	737	35	0 (0.0)	0	35	67	0 (0.0)	0	67	100.0	100.0
Iceland	No Report									0.0	0.0
Ireland	778	134	7 (5.0)	1	126	659	0 (0.0)	0	659	100.0	67.0
Israel	1218	509	200 (39.0)	0	309	306	74 (24.0)	0	232	100.0	100.0
Italy	No Report										
Kazakhstan	300	132	18 (14.0)	5	109	281	163 (58.0)	8	110	100.0	83.0
Kyrgyzstan	120	120	11 (9.0)	5	104	120	7 (6.0)	4	109	100.0	67.0
Latvia	114	98	1 (1.0)	0	97	112	0 (0.0)	0	112	100.0	100.0
Lithuania	7	6	1 (17.0)	0	4	7	0 (0.0)	0	6	100.0	100.0
Luxembourg	109	52	0 (0.0)	1	51	57	10 (18.0)	12	35	100.0	100.0
Malta	No Report										
Moldova	20	20	0 (0.0)	0	20	20	0 (0.0)	0	20	100.0	83.0
Monaco	No Lab										
Montenegro	No Lab										
Netherlands	17	9	5 (56.0)	0	4	9	0 (0.0)	0	9	33.0	0.0
Norway	67	55	4 (7.0)	0	51	23	5 (22.0)	0	18	100.0	100.0
Poland	52	52	1 (2.0)	1	50	52	19 (37.0)	1	32	100.0	67.0
Portugal	31	4	0 (0.0)	0	4	0	0	0	0	100.0	100.0
Romania	232	198	15 (8.0)	2	181	217	3 (1.0)	1	213	83.0	83.0
Russian Federation	1677	1627	29 (2.0)	9	1571	928	160 (17.0)	9	709	100.0	100.0
San Marino	No Lab										
Serbia	18	0	0	0	0	18	0 (0.0)	0	18	33.0	17.0
Slovakia	12	13	1 (8.0)	0	12	0	0	0	0	100.0	83.0
Slovenia	175	38	0 (0.0)	1	37	142	20 (14.0)	0	122	100.0	100.0
Spain	511	712	277 (39.0)	12	342	304	28 (9.0)	0	275	100.0	50.0
Sweden	No Report										
Switzerland	No Lab										
Tajikistan	3	2	0 (0.0)	0	2	3	1 (33.0)	0	2	67.0	33.0
The former Yugoslav Republic of Macedonia	No Report										
Turkey	No Report										
Turkmenistan	82	82	0 (0.0)	0	77	82	1 (1.0)	0	76	100.0	100.0
Ukraine	286	273	6 (2.0)	2	265	285	14 (5.0)	0	271	100.0	100.0
United Kingdom	1953	1354	365 (27.0)	39	950	330	7 (2.0)	19	304	50.0	17.0
Uzbekistan	34	24	1 (4.0)	0	23	34	24 (71.0)	1	9	100.0	83.0
Total / Average	10727	8215	1611 (20%)	112	6381	7731	555 (7%)	62	7051	64.0	52.0

*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.

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All issues of this newsletter can be accessed at: http://www.euro.who.int/vaccine/publications/20080401_1; CISID: <http://data.euro.who.int/cisid>

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