

Euro Polio Page

Monthly Acute Flaccid Paralysis (AFP) Surveillance Bulletin, July 2008

Vaccine-preventable Diseases and Immunization, Communicable Diseases (CDS),
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Routine polio vaccination coverage (3 doses) in the WHO European Region in 2007

Figure 1: Coverage at national level

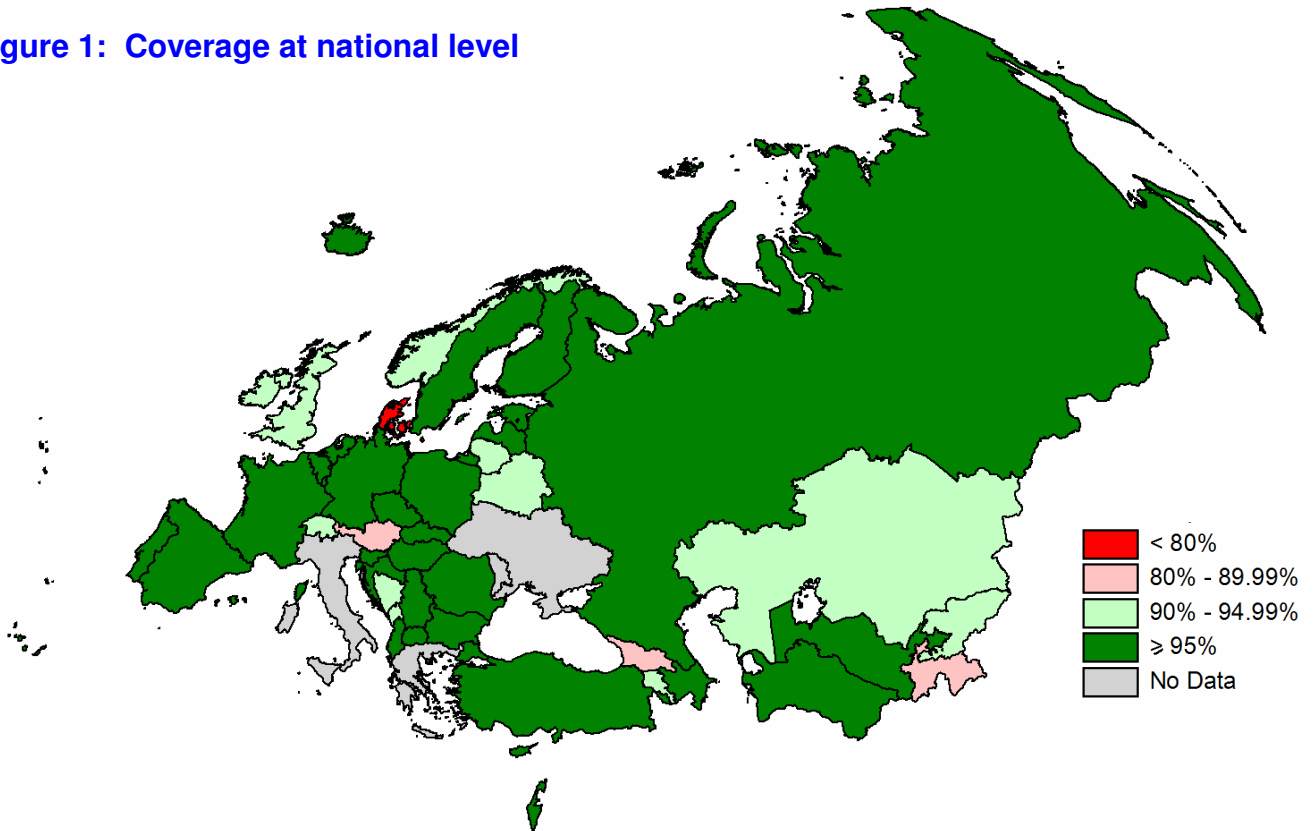
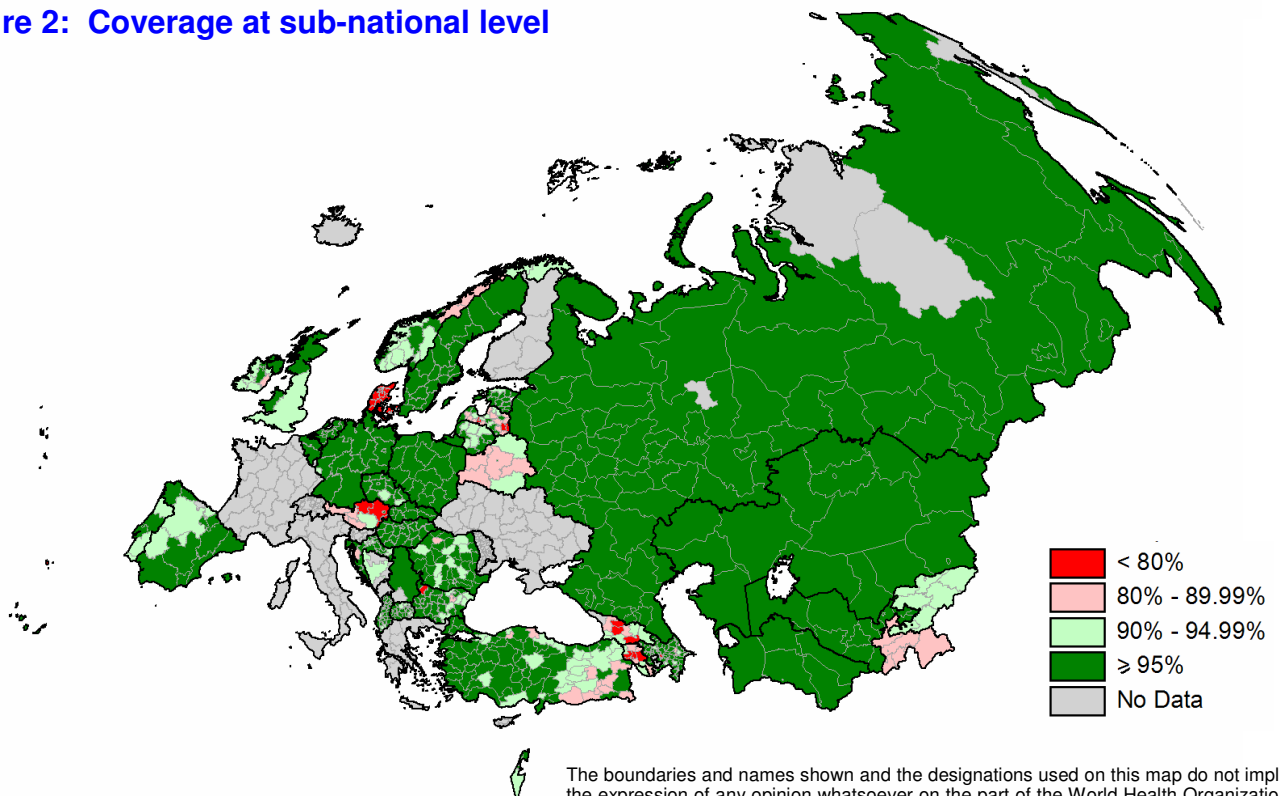


Figure 2: Coverage at sub-national level



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.

Data source (Fig.1 & 2): WHO-UNICEF Joint Reporting Form, 2008

Polio has been eradicated from the WHO European Region
Last indigenous wild polio virus was detected in November 1998

Table 1. Weekly AFP reporting and surveillance process indicators, 2007-2008

Country	% Completeness of weekly AFP reporting in 2008	Week of last report in 2008	Reported AFP cases		% of AFP cases where at least one stool collected within 14 days of onset		% of AFP cases with <= 7 days between onset and notification		% of AFP cases with <= 48 hours between notification and investigation		% of AFP cases where follow up is done 60 to 90 days after onset	
			2007 (Weeks 1-52)	2008 (Weeks 1-30)	2007	2008	2007	2008	2007	2008	2007	2008
Albania	87.0	30	10	3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Andorra	90.0	28	0	0	...	...	...	...	...	...	...	...
Armenia	48.0	27	16	6	93.8	83.3	75.0	83.3	62.5	66.7	31.3	25.0
Austria	100.0	29	4	0	25.0	...	50.0	...	75.0	...	50.0	...
Azerbaijan	90.0	30	24	16	100.0	100.0	41.7	43.8	95.8	93.8	100.0	25.0
Belarus	51.0	27	51	27	94.1	92.6	84.3	77.8	96.1	100.0	96.1	87.5
Belgium	96.0	30	9	0	11.1	...	11.1	...	100.0	...	44.4	...
Bosnia and Herzegovina	77.0	27	3	1	100.0	0.0	100.0	100.0	66.7	100.0	33.3	0.0
Bulgaria	90.0	30	11	12	100.0	100.0	100.0	83.3	90.9	83.3	72.7	85.7
Croatia	32.0	22	0	2	0.0	100.0	0.0	50.0	0.0	100.0	0.0	0.0
Cyprus	96.0	30	1	4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Czech Republic	51.0	26	8	5	100.0	100.0	87.5	60.0	100.0	100.0	75.0	60.0
Denmark	No AFP Surveillance*											
Estonia	100.0	31	0	0	...	...	...	...	...	...	...	...
Finland	No AFP Surveillance*											
France	No AFP Surveillance*											
Georgia	87.0	30	13	1	84.6	100.0	61.5	100.0	92.3	100.0	100.0	0.0
Germany	83.0	30	64	49	43.8	42.9	37.5	40.8	60.9	44.9	67.2	85.3
Greece	83.0	29	15	5	66.7	80.0	100.0	100.0	100.0	100.0	86.7	25.0
Hungary	96.0	30	8	10	100.0	80.0	62.5	40.0	100.0	100.0	75.0	66.7
Iceland	No AFP Surveillance*											
Ireland	100.0	30	2	3	50.0	33.3	0.0	33.3	0.0	100.0	0.0	0.0
Israel	67.0	27	9	5	44.4	60.0	44.4	60.0	88.9	100.0	0.0	0.0
Italy	48.0	31	63	40	66.7	85.0	85.7	80.0	63.5	20.0	60.3	23.3
Kazakhstan	77.0	30	54	39	98.1	100.0	87.0	97.4	88.9	97.4	100.0	100.0
Kyrgyzstan	29.0	26	37	19	100.0	100.0	94.6	84.2	86.5	100.0	91.9	100.0
Latvia	67.0	23	3	1	100.0	100.0	66.7	100.0	100.0	100.0	66.7	100.0
Lithuania	77.0	31	13	6	100.0	100.0	100.0	100.0	84.6	100.0	100.0	66.7
Luxembourg	No AFP Surveillance*											
Malta	87.0	30	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Moldova	74.0	30	15	3	93.3	100.0	53.3	100.0	100.0	100.0	73.3	0.0
Monaco	No AFP Surveillance*											
Montenegro	87.0	31	0	0	...	...	...	...	...	...	...	...
Netherlands	No AFP Surveillance*											
Norway	67.0	28	6	8	66.7	50.0	33.3	37.5	66.7	100.0	33.3	0.0
Poland	96.0	30	39	13	84.6	69.2	89.7	84.6	53.8	38.5	71.8	75.0
Portugal	3.0	...	8	0	62.5	...	25.0	...	25.0	...	87.5	...
Romania	67.0	30	17	13	88.2	100.0	88.2	92.3	100.0	100.0	94.1	83.3
Russian Federation	80.0	30	355	216	93.5	95.8	84.2	84.7	94.9	96.3	84.2	49.0
San Marino	No AFP Surveillance*											
Serbia	70.0	27	9	10	77.8	80.0	55.6	80.0	88.9	100.0	88.9	75.0
Slovakia	96.0	30	4	0	100.0	...	75.0	...	100.0	...	100.0	...
Slovenia	93.0	30	0	0	0.0	...	0.0	...	0.0	...	0.0	...
Spain	96.0	31	37	17	83.8	35.3	45.9	41.2	94.6	100.0	75.7	20.0
Sweden	No AFP Surveillance*											
Switzerland	80.0	29	18	2	22.2	0.0	0.0	0.0	100.0	100.0	5.6	50.0
Tajikistan	16.0	...	40	21	97.5	95.2	80.0	90.5	75.0	100.0	77.5	75.0
The former Yugoslav Republic of Macedonia	67.0	30	5	2	100.0	100.0	100.0	100.0	100.0	100.0	80.0	100.0
Turkey	83.0	30	233	95	88.0	81.1	69.1	63.2	99.6	100.0	69.5	83.1
Turkmenistan	87.0	27	26	6	92.3	100.0	84.6	100.0	100.0	100.0	100.0	100.0
Ukraine	77.0	30	116	62	97.4	96.8	87.1	93.5	97.4	98.4	99.1	100.0
United Kingdom	No AFP Surveillance*											
Uzbekistan	45.0	30	103	61	99.0	100.0	94.2	91.8	94.2	91.8	92.2	100.0
Average/Totals	79.0	...	1449	783	87.0	87.0	76.0	78.0	87.0	87.0	80.0	68.0

...: Denominator not sufficient to calculate this rate/indicator.

*High quality surveillance (e.g. enterovirus and/or environmental) to detect poliovirus exists in Member States with no AFP surveillance.

TABLE 2: Classification of AFP cases and key AFP surveillance indicators, 2007-2008

Country	2007 (Weeks 1 - 52)					2008 (Weeks 1-30)							
	Polio Compatible	Pending Classification Total	Surveillance Rates / Index			AFP Cases	Polio Compatible	Pending Classification			Surveillance Rates / Index		
			Non-Polio AFP Rate ¹ Target ≥ 1.00	% With 2 Stool Specimens ² Target ≥ 80.0%	Surveillance Index ³ Target ≥ 0.8			Total	Hot ⁴ Cases	Total >90 Days ⁵	Annualized Non-Polio AFP Rate ¹ Target ≥ 1.00	% With 2 Stool Specimens ² Target ≥ 80.0%	Surveillance Index ³ Target ≥ 0.8
Albania	0	0	1.23	100.0	1.00	3	0	1	0	1	0.63	100.0	0.63
Andorra	0	0	0.00	0.0	0.00	0	0	0	0	0	0.00	0.0	0.00
Armenia	1	0	2.78	68.8	0.94	6	0	2	6	0	1.81	66.7	0.83
Austria	0	0	0.33	0.0	0.08	0	0	0	0	0	0.00	0.0	0.00
Azerbaijan	0	0	1.17	100.0	1.00	16	0	13	0	9	1.35	100.0	1.00
Belarus	0	0	3.67	92.2	0.94	27	0	12	4	1	3.32	92.6	0.93
Belgium	0	1	0.52	0.0	0.06	0	0	0	0	0	0.00	0.0	0.00
Bosnia and Herzegovina	0	0	0.48	100.0	0.48	1	0	1	0	1	0.27	0.0	0.00
Bulgaria	0	0	1.09	100.0	1.00	12	0	12	0	7	2.02	75.0	1.00
Croatia	1	0	0.00	0.0	0.00	2	0	2	0	0	0.50	100.0	0.50
Cyprus	0	0	0.62	100.0	0.62	4	0	4	0	1	4.21	100.0	1.00
Czech Republic	0	0	0.56	87.5	0.56	5	0	1	0	1	0.60	80.0	0.60
Estonia	0	0	0.00	0.0	0.00	0	0	0	0	0	0.00	0.0	0.00
Georgia	0	0	1.66	84.6	0.85	1	0	1	0	0	0.22	100.0	0.22
Germany	0	0	0.56	29.7	0.24	49	0	9	1	0	0.72	36.7	0.31
Greece	0	0	0.95	66.7	0.64	5	0	1	0	0	0.53	60.0	0.43
Hungary	0	0	0.52	37.5	0.52	10	0	4	0	0	1.12	70.0	0.80
Ireland	0	0	0.23	50.0	0.12	3	0	0	0	0	0.58	0.0	0.19
Israel	0	0	0.47	11.1	0.21	5	0	0	0	0	0.43	20.0	0.26
Italy	0	13	0.78	54.0	0.52	40	0	30	0	20	0.83	70.0	0.71
Kazakhstan	0	0	1.65	96.3	0.98	39	0	5	1	0	2.03	100.0	1.00
Kyrgyzstan	0	0	2.27	94.6	1.00	19	0	18	0	15	1.97	100.0	1.00
Latvia	0	0	0.95	66.7	0.95	1	0	0	0	0	0.54	100.0	0.54
Lithuania	0	0	2.46	61.5	1.00	6	0	0	0	0	1.98	83.3	1.00
Malta	0	0	0.00	0.0	0.00	0	0	0	0	0	0.00	0.0	0.00
Moldova	0	0	2.11	93.3	0.93	3	0	2	0	0	0.73	100.0	0.73
Montenegro	0	0	0.00	0.0	0.00	0	0	0	0	0	0.00	0.0	0.00
Norway	0	0	0.67	16.7	0.45	8	0	2	0	1	1.51	25.0	0.50
Poland	0	0	0.65	66.7	0.55	13	0	5	1	1	0.37	61.5	0.26
Portugal	0	0	0.48	62.5	0.30	0	0	0	0	0	0.00	0.0	0.00
Romania	0	0	0.53	88.2	0.47	13	0	10	2	0	0.68	92.3	0.68
Russian Federation	0	0	1.67	91.8	0.94	216	0	126	22	66	1.70	94.0	0.96
Serbia	0	0	0.52	77.8	0.40	10	0	4	0	2	0.97	70.0	0.78
Slovakia	0	0	0.47	75.0	0.47	0	0	0	0	0	0.00	0.0	0.00
Slovenia	0	0	0.00	0.0	0.00	0	0	0	0	0	0.00	0.0	0.00
Spain	0	0	0.58	56.8	0.49	17	0	12	1	5	0.44	23.5	0.16
Sweden	0	0	0.00	0.0	0.00	0	0	0	0	0	0.00	0.0	0.00
Switzerland	0	0	1.56	5.6	0.22	2	0	0	0	0	0.30	0.0	0.00
Tajikistan	0	0	1.60	97.5	0.98	21	0	9	0	1	1.41	95.2	0.95
The former Yugoslav Republic of Macedonia	0	0	1.32	80.0	1.00	2	0	0	0	0	0.90	100.0	0.90
Turkey	0	0	1.08	85.0	0.88	95	0	45	2	11	0.74	75.8	0.60
Turkmenistan	0	0	1.74	92.3	0.92	6	0	4	0	0	0.68	100.0	0.68
Ukraine	0	0	1.82	94.8	0.97	62	0	24	2	1	1.68	96.8	0.97
Uzbekistan	0	0	1.19	99.0	0.99	61	0	35	1	7	1.20	98.4	1.00
Average/Total	2	14	1.11	82.0	0.88	783	0	394	43	151	0.6	93.0	0.53

¹Non polio AFP cases per 100 000 children under the age of 15 years (annualized for year 2008)

²Two stool specimens collected at least 24 hrs. apart within 14 days of onset of paralysis and adequately shipped to the laboratory.

³Surveillance Index = non-polio AFP rate up to 1.0 x (% AFP cases with atleast 1 adequate specimens within 14 days of onset).

⁴Hot 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)

⁵Total number of AFP cases pending final classification 90 days after date of onset.

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