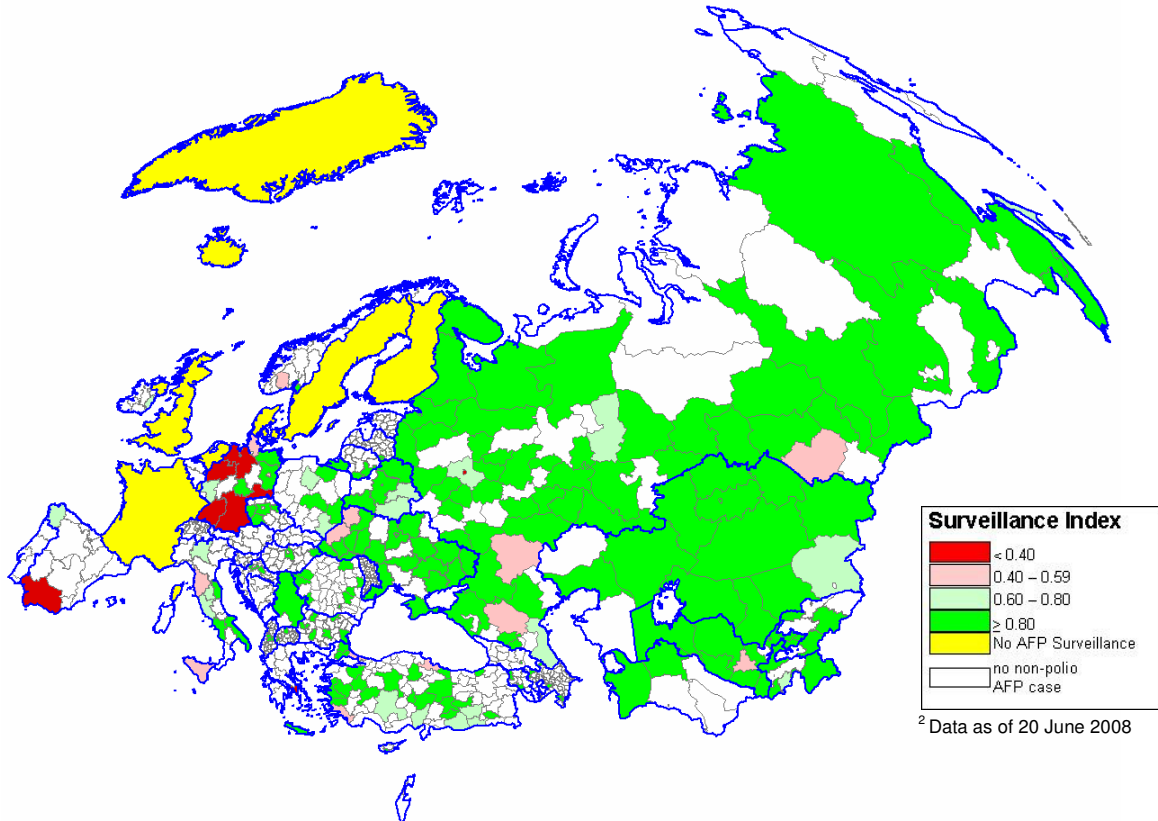


### Sub-National AFP Surveillance<sup>1</sup> Index, WHO European Region, 2008<sup>2</sup>



<sup>1</sup>Surveillance Index = Annualized non-polio AFP rate up to 1.0 X % AFP cases with at least 1 adequate specimens within 14 days of onset / 100

## Sustaining polio free status of WHO European Region

It has been six years since all 53 Member States of the WHO European Region were certified as polio-free in June 2002, and in November 2008, the Region will celebrate its 10th year since the last indigenous case of polio was reported in Turkey. However, the fight must continue to eradicate this crippling disease world wide and sustain the goals made in the Region. Until eradication is reached, the cross-border mobility of people still poses the risk of importation from polio endemic areas, while low immunization coverage is a risk for transmission once an outbreak occurs.

The independent panel of international public health experts in the "European Regional Commission for the Certification of Poliomyelitis Eradication" monitors the Region's polio-free status. At their 21st annual meeting, in Copenhagen, from 9 to 11 June, they verified that the polio-free status of the European Region remains unchanged. However, **they warned that the risk of importation of a wild poliovirus into the Region remains high** due to frequent travel between polio-endemic countries and Europe. In addition, there are some geographic areas and subpopulations with low immunization coverage where the wild poliovirus could be transmitted if introduced.

The current global situation calls for the strong political commitment of all countries to stop poliovirus transmission. Immunization of all children remains crucial in the fight against polio: strong immunization systems with a high uptake of vaccination are necessary in all countries. To this end, the WHO Regional Office for Europe supports Member States by coordinating and monitoring surveillance and immunization activities, providing guidance, and ensuring political commitment.

In the above map, the distribution of the surveillance index at the sub-national level indicates areas which may be 'silent' or underperforming. Member States may wish to investigate further the status and quality of AFP surveillance in these areas. WHO EURO urges all Member States conducting AFP surveillance to ensure high quality AFP surveillance.

\* In an effort to match the date of Euro Polio Page editions with the date of their publication, we have advanced the edition date by one month starting with this month's Polio Page. Therefore month's edition is titled the June 2008 Euro Polio Page rather than May 2008. This change has no effect on the data contained in the reports.

**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 1-25)	2007	2008	2007	2008	2007	2008	2007	2008
Albania	92.0	25	10	3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Andorra	100.0	25	0	0	...	...	...	...	...	...	...	...
Armenia	56.0	23	16	4	93.8	100.0	75.0	100.0	62.5	75.0	31.3	33.3
Austria	100.0	23	4	0	25.0	...	50.0	...	75.0	...	50.0	...
Azerbaijan	96.0	25	24	13	100.0	100.0	41.7	38.5	95.8	100.0	100.0	33.3
Belarus	56.0	24	51	21	94.1	90.5	84.3	76.2	96.1	100.0	96.1	84.6
Belgium	100.0	25	9	0	11.1	...	11.1	...	100.0	...	44.4	...
Bosnia and Herzegovina	92.0	25	3	1	100.0	0.0	100.0	100.0	66.7	100.0	33.3	0.0
Bulgaria	92.0	25	11	8	100.0	100.0	100.0	75.0	90.9	75.0	72.7	75.0
Croatia	40.0	22	0	2	0.0	100.0	0.0	50.0	0.0	100.0	0.0	0.0
Cyprus	100.0	25	1	2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Czech Republic	56.0	23	8	5	100.0	100.0	87.5	60.0	100.0	100.0	75.0	75.0
Denmark	No AFP Surveillance*											
Estonia	100.0	24	0	0	...	...	...	...	...	...	...	...
Finland	No AFP Surveillance*											
France	No AFP Surveillance*											
Georgia	96.0	25	13	1	84.6	100.0	61.5	100.0	92.3	100.0	100.0	0.0
Germany	96.0	25	64	45	43.8	40.0	37.5	42.2	60.9	46.7	67.2	85.2
Greece	84.0	22	15	2	66.7	100.0	100.0	100.0	100.0	100.0	86.7	0.0
Hungary	96.0	25	8	7	100.0	85.7	62.5	14.3	100.0	100.0	75.0	75.0
Iceland	No AFP Surveillance*											
Ireland	100.0	24	2	3	50.0	33.3	0.0	33.3	0.0	100.0	0.0	0.0
Israel	76.0	25	9	5	44.4	20.0	44.4	40.0	88.9	60.0	0.0	0.0
Italy	48.0	25	63	35	66.7	82.9	85.7	80.0	63.5	20.0	60.3	16.0
Kazakhstan	84.0	25	54	37	98.1	100.0	87.0	97.3	88.9	97.3	100.0	100.0
Kyrgyzstan	32.0	18	37	6	100.0	100.0	94.6	100.0	86.5	100.0	91.9	0.0
Latvia	84.0	23	3	2	100.0	100.0	66.7	100.0	100.0	100.0	66.7	100.0
Lithuania	76.0	25	13	6	100.0	100.0	100.0	100.0	84.6	100.0	100.0	60.0
Luxembourg	No AFP Surveillance*											
Malta	88.0	22	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Moldova	84.0	23	15	1	93.3	100.0	53.3	100.0	100.0	100.0	73.3	0.0
Monaco	No AFP Surveillance*											
Montenegro	92.0	25	0	0	...	...	...	...	...	...	...	...
Netherlands	No AFP Surveillance*											
Norway	76.0	25	6	6	66.7	66.7	33.3	33.3	66.7	100.0	33.3	0.0
Poland	100.0	25	39	11	84.6	81.8	89.7	90.9	53.8	45.5	71.8	80.0
Portugal	4.0	...	8	0	62.5	...	25.0	...	25.0	...	87.5	...
Romania	60.0	24	17	10	88.2	100.0	88.2	100.0	100.0	100.0	94.1	83.3
Russian Federation	88.0	25	355	179	93.5	96.1	84.2	85.5	94.9	95.5	84.2	39.0
San Marino	No AFP Surveillance*											
Serbia	80.0	25	9	10	77.8	80.0	55.6	80.0	88.9	100.0	88.9	100.0
Slovakia	100.0	25	4	0	100.0	...	75.0	...	100.0	...	100.0	...
Slovenia	100.0	25	0	0	0.0	...	0.0	...	0.0	...	0.0	...
Spain	96.0	24	37	11	83.8	36.4	45.9	36.4	94.6	100.0	75.7	28.6
Sweden	No AFP Surveillance*											
Switzerland	84.0	25	18	1	22.2	0.0	0.0	0.0	100.0	100.0	5.6	100.0
Tajikistan	12.0	...	40	15	97.5	93.3	80.0	86.7	75.0	100.0	77.5	62.5
The former Yugoslav Republic of Macedonia	76.0	25	5	2	100.0	100.0	100.0	100.0	100.0	100.0	80.0	100.0
Turkey	88.0	25	233	81	88.0	80.2	69.1	59.3	99.6	100.0	69.5	83.8
Turkmenistan	100.0	25	26	3	92.3	100.0	84.6	100.0	100.0	100.0	100.0	100.0
Ukraine	84.0	25	116	51	97.4	96.1	87.1	94.1	97.4	98.0	99.1	100.0
United Kingdom	No AFP Surveillance*											
Uzbekistan	36.0	23	103	44	99.0	100.0	94.2	90.9	94.2	88.6	92.2	100.0
<b>Average/Totals</b>	<b>79.0</b>	<b>...</b>	<b>1449</b>	<b>633</b>	<b>87.0</b>	<b>87.0</b>	<b>76.0</b>	<b>77.0</b>	<b>87.0</b>	<b>87.0</b>	<b>80.0</b>	<b>64.0</b>

...: 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 1-25)							
	Polio Compatible	Pendig Classification Total	Surveillance Rates / Index			AFP Cases	Polio Compatible	Pending Classification			Surveillance Rates / Index		
			Non-Polio AFP Rate <sup>1</sup> Target ≥ 1.00	% With 2 Stool Specimens <sup>2</sup> Target ≥ 80.0%	Surveillance Index <sup>3</sup> Target ≥ 0.8			Total	Hot <sup>4</sup> Cases	Total >90 Days <sup>5</sup>	Annualized Non-Polio AFP Rate <sup>1</sup> Target ≥ 1.00	% With 2 Stool Specimens <sup>2</sup> Target ≥ 80.0%	Surveillance Index <sup>3</sup> Target ≥ 0.8
Albania	0	0	1.23	100.0	1.00	3	0	1	0	0	0.78	100.0	0.97
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	4	0	0	4	0	1.50	75.0	1.00
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	13	0	10	0	6	1.36	100.0	1.00
Belarus	0	0	3.67	92.2	0.94	21	0	9	4	2	3.21	90.5	0.94
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	0.34	0.0	0.00
Bulgaria	0	0	1.09	100.0	1.00	8	0	8	0	4	1.67	75.0	1.00
Croatia	1	0	0.00	0.0	0.00	2	0	2	0	0	0.62	100.0	0.00
Cyprus	0	0	0.62	100.0	0.62	2	0	2	0	1	2.61	100.0	1.00
Czech Republic	0	0	0.56	87.5	0.56	5	0	1	0	0	0.74	80.0	0.74
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	0.27	100.0	0.00
Germany	0	0	0.56	29.7	0.24	45	0	15	1	1	0.82	33.3	0.27
Greece	0	0	0.95	66.7	0.64	2	0	1	0	1	0.27	100.0	0.33
Hungary	0	0	0.52	37.5	0.52	7	0	2	0	0	0.97	57.1	0.87
Ireland	0	0	0.23	50.0	0.12	3	0	3	0	3	0.72	0.0	0.30
Israel	0	0	0.47	11.1	0.21	5	0	0	0	0	0.53	20.0	0.00
Italy	0	13	0.78	54.0	0.52	35	0	31	0	21	0.90	68.6	0.77
Kazakhstan	0	0	1.65	96.3	0.98	37	0	12	1	0	2.39	100.0	1.00
Kyrgyzstan	0	0	2.27	94.6	1.00	6	0	6	0	1	0.77	100.0	0.96
Latvia	0	0	0.95	66.7	0.95	2	0	1	0	0	1.35	100.0	1.00
Lithuania	0	0	2.46	61.5	1.00	6	0	1	0	0	2.46	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	1	0	0	0	0	0.30	100.0	0.38
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	6	0	0	0	0	1.41	33.3	0.60
Poland	0	0	0.65	66.7	0.55	11	0	4	1	0	0.39	72.7	0.22
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	10	0	11	1	0	0.65	100.0	0.49
Russian Federation	0	0	1.67	91.8	0.94	179	0	131	20	58	1.75	93.9	0.97
Serbia	0	0	0.52	77.8	0.40	10	0	4	0	0	1.21	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	11	0	7	1	4	0.36	18.2	0.16
Switzerland	0	0	1.56	5.6	0.22	1	0	0	0	0	0.18	0.0	0.00
Tajikistan	0	0	1.60	97.5	0.98	15	0	8	0	1	1.25	93.3	0.52
The former Yugoslav Republic of Macedonia	0	0	1.32	80.0	1.00	2	0	2	0	1	1.12	100.0	1.00
Turkey	0	0	1.08	85.0	0.88	81	0	44	2	5	0.78	75.3	0.53
Turkmenistan	0	0	1.74	92.3	0.92	3	0	1	0	0	0.42	100.0	0.35
Ukraine	0	0	1.82	94.8	0.97	51	0	24	1	2	1.71	96.1	0.95
Uzbekistan	0	0	1.19	99.0	0.99	44	0	27	0	7	1.07	97.7	1.00
<b>Average/Total</b>	<b>2</b>	<b>14</b>	<b>1.11</b>	<b>82.0</b>	<b>0.88</b>	<b>633</b>	<b>0</b>	<b>370</b>	<b>36</b>	<b>119</b>	<b>0.9</b>	<b>82.0</b>	<b>0.85</b>

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

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

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

<sup>4</sup>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)

<sup>5</sup>Total number of AFP cases pending final classification 90 days after date of onset.