



## World Health Organization – Regional Office for Eastern Mediterranean

## AFP SURVEILLANCE

24-Dec-12

Week 51, ending 23 December 2012

Number 742

Table 1: Acute Flaccid Paralysis (AFP) cases by week of onset

| Country          | Reported AFP cases by week of onset - Week (51/12) / Ending on : (23/12/12) |                |                         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|------------------|---|----------------|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                  | Total AFP 2010  | Total AFP 2011 | Total AFP to date, 2012 | W 40<br>07 Oct 12 | W 41<br>14 Oct 12 | W 42<br>21 Oct 12 | W 43<br>28 Oct 12 | W 44<br>04 Nov 12 | W 45<br>11 Nov 12 | W 46<br>18 Nov 12 | W 47<br>25 Nov 12 | W 48<br>02 Dec 12 | W 49<br>09 Dec 12 | W 50<br>16 Dec 12 | W 51<br>23 Dec 12 |
| Afghanistan      | 1572  | 1831           | 1749                    | 40                | 40                | 26                | 26                | 35                | 28                | 26                | 23                | 38                | 27                | 15                | 2                 |
| Bahrain          | 10  | 10             | 15                      | 0                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 1                 | 1                 | 0                 |
| Djibouti         | 3   | 6              | 6                       | 0                 | 0                 | 0                 | 1                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| Egypt            | 1151  | 1023           | 970                     | 20                | 12                | 14                | 14                | 12                | 22                | 23                | 18                | 20                | 19                | 12                | 5                 |
| Iran             | 623   | 603            | 641                     | 12                | 17                | 10                | 8                 | 11                | 18                | 9                 | 13                | 13                | 8                 | 1                 | 1                 |
| Iraq             | 489   | 530            | 446                     | 7                 | 8                 | 4                 | 4                 | 6                 | 9                 | 7                 | 11                | 13                | 5                 | 6                 | 0                 |
| Jordan ****      | 40  | 30             | 29                      | 0                 | 0                 | 0                 | 0                 | 0                 | 3                 | 1                 | 2                 | 0                 | 0                 | 0                 |                   |
| Kuwait           | 24  | 38             | 33                      | 1                 | 0                 | 0                 | 2                 | 0                 | 1                 | 0                 | 1                 | 0                 | 0                 | 2                 | 0                 |
| Lebanon ****     | 19  | 22             | 24                      | 0                 | 0                 | 0                 | 0                 | 0                 | 1                 | 0                 | 1                 | 0                 | 0                 | 0                 |                   |
| Libya            | 46  | 35             | 38                      | 0                 | 0                 | 1                 | 0                 | 0                 | 1                 | 1                 | 2                 | 1                 | 1                 | 2                 |                   |
| Morocco          | 100   | 76             | 66                      | 0                 | 0                 | 0                 | 5                 | 2                 | 2                 | 1                 | 2                 | 0                 |                   |                   |                   |
| Oman             | 33  | 39             | 29                      | 3                 | 0                 | 1                 | 1                 | 0                 | 2                 | 0                 | 0                 | 0                 | 0                 | 0                 |                   |
| Pakistan         | 5393  | 5762           | 4537                    | 101               | 107               | 79                | 67                | 76                | 78                | 83                | 67                | 55                | 25                | 8                 |                   |
| Palestine ****   | 15  | 17             | 20                      | 0                 | 0                 | 1                 | 0                 | 0                 | 1                 | 0                 | 0                 | 0                 | 0                 | 1                 |                   |
| Qatar            | 5   | 6              | 12                      | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| Saudi Arabia     | 239   | 213            | 214                     | 3                 | 3                 | 3                 | 6                 | 3                 | 4                 | 3                 | 3                 | 6                 | 6                 | 3                 | 0                 |
| Somalia          | 164   | 172            | 142                     | 6                 | 4                 | 2                 | 3                 | 1                 | 5                 | 4                 | 2                 | 2                 | 3                 | 3                 | 0                 |
| Sudan            | 408   | 362            | 360                     | 6                 | 6                 | 6                 | 7                 | 6                 | 5                 | 4                 | 3                 | 4                 | 6                 | 0                 |                   |
| South Sudan      | 310   | 341            | 311                     | 6                 | 6                 | 6                 | 10                | 4                 | 6                 | 1                 | 11                | 7                 | 2                 | 0                 | 0                 |
| Syria ****       | 194   | 168            | 103                     | 3                 | 3                 | 1                 | 1                 | 2                 | 1                 | 1                 | 1                 | 1                 | 1                 | 0                 |                   |
| Tunisia          | 57  | 47             | 60                      | 0                 | 5                 | 1                 | 0                 | 2                 | 1                 | 0                 | 0                 | 2                 | 0                 | 0                 |                   |
| U.A.E            | 18  | 25             | 39                      | 1                 | 1                 | 2                 | 0                 | 1                 | 0                 | 1                 | 1                 | 0                 | 0                 | 0                 |                   |
| Yemen            | 426   | 386            | 442                     | 11                | 3                 | 14                | 2                 | 3                 | 5                 | 5                 | 7                 | 7                 | 1                 | 5                 |                   |
| <b>Total EMR</b> | <b>11339</b>  | <b>11742</b>   | <b>10286</b>            | <b>220</b>        | <b>216</b>        | <b>171</b>        | <b>157</b>        | <b>164</b>        | <b>193</b>        | <b>170</b>        | <b>168</b>        | <b>169</b>        | <b>105</b>        | <b>59</b>         | <b>8</b>          |

No data = No report received

Table 2: Confirmed polio cases by month of onset

| Country          | Total year 2010 | Total year 2011 | 23/12      |           | Confirmed polio cases by month of onset |               |            |            |           |           |           |             |                |              |               |               |
|------------------|-----------------|-----------------|------------|-----------|---|---------------|------------|------------|-----------|-----------|-----------|-------------|----------------|--------------|---------------|---------------|
|                  |                 |                 | 2011       | 2012      | January 2012                            | February 2012 | March 2012 | April 2012 | May 2012  | June 2012 | July 2012 | August 2012 | September 2012 | October 2012 | November 2012 | December 2012 |
| Afghanistan      | 25              | 80              | 80         | 35        | 4                                       | 1             | 1          | 0          | 4         | 3         | 4         | 2           | 7              | 6            | 3             |               |
| Bahrain          | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Djibouti         | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Egypt            | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Iran             | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Iraq             | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Jordan ****      | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Kuwait           | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Lebanon ****     | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Libya            | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Morocco          | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Oman             | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Pakistan         | 144             | 198             | 194        | 57        | 11                                      | 3             | 1          | 1          | 6         | 2         | 5         | 9           | 8              | 8            | 3             |               |
| Palestine ****   | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Qatar            | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Saudi Arabia     | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Somalia          | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Sudan            | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| South Sudan      | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Syria ****       | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Tunisia          | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| U.A.E            | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| Yemen            | 0               | 0               | 0          | 0         | 0                                       | 0             | 0          | 0          | 0         | 0         | 0         | 0           | 0              | 0            | 0             |               |
| <b>Total EMR</b> | <b>169</b>      | <b>278</b>      | <b>274</b> | <b>92</b> | <b>15</b>                               | <b>4</b>      | <b>2</b>   | <b>1</b>   | <b>10</b> | <b>5</b>  | <b>9</b>  | <b>11</b>   | <b>15</b>      | <b>14</b>    | <b>6</b>      | <b>0</b>      |

\*\*\*\* UNRWA cases are included with those of country of residence



Table 3: Investigation of AFP cases with paralysis onset in 2011 & 2012 up to Week (51/12) / Ending on : (23/12/12)

| COUNTRY      | 2011                       |                               |                  |                        |                           |      |                       |  |  |                               |                    |                    | 2012                       |                               |                  |                        |                           |      |                                  |  |  |                               |                    |                    | Latest line List Date |          |  |                 |  |
|--------------|----------------------------|-------------------------------|------------------|------------------------|---------------------------|------|-----------------------|--|--|-------------------------------|--------------------|--------------------|----------------------------|-------------------------------|------------------|------------------------|---------------------------|------|----------------------------------|--|--|-------------------------------|--------------------|--------------------|-----------------------|----------|--|-----------------|--|
|              | AFP                        |                               |                  |                        |                           |      |                       |  |  |                               | Specimen           |                    | Wild cases ****            |                               | AFP              |                        |                           |      |                                  |  |  |                               |                    |                    |                       | Specimen |  | Wild cases **** |  |
|              | Total AFP cases onset 2011 | Case classification           |                  |                        |                           |      | Non polio AFP rate ** | AFP cases pending classification > 90 days from onset of paralysis | AFP cases pending classification and lab > 90 days from onset of paralysis | % with *** adequate specimens | Wild P1 Poliovirus | Wild P3 Poliovirus | Total AFP cases onset 2012 | Case classification           |                  |                        |                           |      | Annualized Non polio AFP rate ** | AFP cases pending classification > 90 days from onset of paralysis | AFP cases pending classification and lab > 90 days from onset of paralysis | % with *** adequate specimens | Wild P1 Poliovirus | Wild P3 Poliovirus |                       |          |  |                 |  |
|              |                            | Total Confirmed Polio Cases * | Polio Compatible | Pending Classification | Discarded (non polio AFP) | VDPV |                       |  |  |                               |                    |                    |                            | Total Confirmed Polio Cases * | Polio Compatible | Pending Classification | Discarded (non polio AFP) | VDPV |                                  |  |  |                               |                    |                    |                       |          |  |                 |  |
| Afghanistan  | 1831                       | 80                            | 13               | 0                      | 1737                      | 1    | 10.0                  | 0  | 0  | 92.1                          | 80                 | 0                  | 1749                       | 35                            | 5                | 94                     | 1611                      | 4    | 10.0                             | 1  | 0  | 92.3                          | 35                 | 0                  | 23/12/2012            |          |  |                 |  |
| Bahrain      | 10                         | 0                             | 0                | 0                      | 10                        | 0    | 3.8                   | 0  | 0  | 90.0                          | 0                  | 0                  | 15                         | 0                             | 0                | 2                      | 13                        | 0    | 5.6                              | 0  | 0  | 93.3                          | 0                  | 0                  | 23/12/2012            |          |  |                 |  |
| Djibouti     | 6                          | 0                             | 0                | 0                      | 6                         | 0    | 2.1                   | 0  | 0  | 66.7                          | 0                  | 0                  | 6                          | 0                             | 0                | 3                      | 3                         | 0    | 2.1                              | 2  | 1  | 66.7                          | 0                  | 0                  | 23/12/2012            |          |  |                 |  |
| Egypt        | 1023                       | 0                             | 0                | 0                      | 1022                      | 1    | 3.3                   | 0  | 0  | 92.6                          | 0                  | 0                  | 970                        | 0                             | 0                | 72                     | 897                       | 1    | 3.1                              | 3  | 0  | 90.3                          | 0                  | 0                  | 20/12/2012            |          |  |                 |  |
| Iran         | 603                        | 0                             | 0                | 0                      | 601                       | 2    | 3.1                   | 0  | 0  | 91.4                          | 0                  | 0                  | 641                        | 0                             | 0                | 11                     | 629                       | 2    | 3.4                              | 0  | 0  | 93.6                          | 0                  | 0                  | 22/12/2012            |          |  |                 |  |
| Iraq         | 530                        | 0                             | 0                | 0                      | 530                       | 0    | 3.7                   | 0  | 0  | 89.2                          | 0                  | 0                  | 446                        | 0                             | 0                | 44                     | 402                       | 0    | 3.2                              | 18   | 12   | 89.7                          | 0                  | 0                  | 23/12/2012            |          |  |                 |  |
| Jordan       | 30                         | 0                             | 0                | 0                      | 30                        | 0    | 1.3                   | 0  | 0  | 96.7                          | 0                  | 0                  | 29                         | 0                             | 0                | 6                      | 23                        | 0    | 1.2                              | 0  | 0  | 86.2                          | 0                  | 0                  | 16/12/2012            |          |  |                 |  |
| Kuwait       | 38                         | 0                             | 0                | 0                      | 38                        | 0    | 5.1                   | 0  | 0  | 92.1                          | 0                  | 0                  | 33                         | 0                             | 0                | 3                      | 30                        | 0    | 4.4                              | 0  | 0  | 87.9                          | 0                  | 0                  | 23/12/2012            |          |  |                 |  |
| Lebanon      | 22                         | 0                             | 0                | 0                      | 22                        | 0    | 2.0                   | 0  | 0  | 45.5                          | 0                  | 0                  | 24                         | 0                             | 0                | 6                      | 18                        | 0    | 2.0                              | 4  | 0  | 50.0                          | 0                  | 0                  | 21/12/2012            |          |  |                 |  |
| Libya        | 35                         | 0                             | 0                | 0                      | 35                        | 0    | 1.7                   | 0  | 0  | 100.0                         | 0                  | 0                  | 38                         | 0                             | 0                | 2                      | 36                        | 0    | 1.9                              | 0  | 0  | 97.4                          | 0                  | 0                  | 22/12/2012            |          |  |                 |  |
| Morocco      | 76                         | 0                             | 0                | 0                      | 76                        | 0    | 0.8                   | 0  | 0  | 80.3                          | 0                  | 0                  | 66                         | 0                             | 0                | 23                     | 43                        | 0    | 0.7                              | 10   | 1  | 81.8                          | 0                  | 0                  | 08/12/3012            |          |  |                 |  |
| Oman         | 39                         | 0                             | 0                | 0                      | 39                        | 0    | 5.1                   | 0  | 0  | 97.4                          | 0                  | 0                  | 29                         | 0                             | 0                | 0                      | 29                        | 0    | 3.8                              | 0  | 0  | 100.0                         | 0                  | 0                  | 22/12/2012            |          |  |                 |  |
| Pakistan     | 5762                       | 198                           | 31               | 0                      | 5533                      | 0    | 7.3                   | 0  | 0  | 87.5                          | 196                | 2                  | 4537                       | 57                            | 1                | 268                    | 4199                      | 12   | 6.0                              | 136  | 3  | 89.3                          | 55 #               | 3 #                | 22/12/2012            |          |  |                 |  |
| Palestine    | 17                         | 0                             | 0                | 0                      | 17                        | 0    | 1.1                   | 0  | 0  | 100.0                         | 0                  | 0                  | 20                         | 0                             | 0                | 5                      | 15                        | 0    | 1.2                              | 0  | 0  | 95.0                          | 0                  | 0                  | 16/12/2012            |          |  |                 |  |
| Qatar        | 6                          | 0                             | 0                | 0                      | 6                         | 0    | 2.6                   | 0  | 0  | 83.3                          | 0                  | 0                  | 12                         | 0                             | 0                | 1                      | 11                        | 0    | 5.2                              | 1  | 0  | 91.7                          | 0                  | 0                  | 23/12/2012            |          |  |                 |  |
| Saudi Arabia | 213                        | 0                             | 0                | 0                      | 213                       | 0    | 2.5                   | 0  | 0  | 99.1                          | 0                  | 0                  | 214                        | 0                             | 0                | 35                     | 179                       | 0    | 2.5                              | 0  | 0  | 95.8                          | 0                  | 0                  | 23/12/2012            |          |  |                 |  |
| Somalia      | 172                        | 0                             | 1                | 0                      | 162                       | 9    | 3.4                   | 0  | 0  | 98.3                          | 0                  | 0                  | 142                        | 0                             | 2                | 17                     | 122                       | 1    | 2.8                              | 0  | 0  | 97.9                          | 0                  | 0                  | 23/12/2012            |          |  |                 |  |
| Sudan        | 362                        | 0                             | 0                | 0                      | 362                       | 0    | 2.4                   | 0  | 0  | 96.7                          | 0                  | 0                  | 360                        | 0                             | 0                | 13                     | 346                       | 1    | 2.4                              | 0  | 0  | 96.4                          | 0                  | 0                  | 16/12/2012            |          |  |                 |  |
| South Sudan  | 341                        | 0                             | 0                | 0                      | 340                       | 1    | 4.5                   | 0  | 0  | 93.3                          | 0                  | 0                  | 311                        | 0                             | 0                | 38                     | 272                       | 1    | 3.8                              | 6  | 0  | 94.5                          | 0                  | 0                  | 23/11/2012            |          |  |                 |  |
| Syria        | 168                        | 0                             | 0                | 0                      | 168                       | 0    | 1.7                   | 0  | 0  | 93.5                          | 0                  | 0                  | 103                        | 0                             | 0                | 9                      | 94                        | 0    | 1.0                              | 2  | 0  | 84.5                          | 0                  | 0                  | 19/12/2012            |          |  |                 |  |
| Tunisia      | 47                         | 0                             | 0                | 0                      | 47                        | 0    | 1.8                   | 0  | 0  | 93.6                          | 0                  | 0                  | 60                         | 0                             | 0                | 1                      | 59                        | 0    | 2.4                              | 1  | 0  | 78.3                          | 0                  | 0                  | 21/12/2012            |          |  |                 |  |
| U.A.E        | 25                         | 0                             | 0                | 0                      | 25                        | 0    | 2.5                   | 0  | 0  | 100.0                         | 0                  | 0                  | 39                         | 0                             | 0                | 0                      | 39                        | 0    | 3.9                              | 0  | 0  | 100.0                         | 0                  | 0                  | 19/12/2012            |          |  |                 |  |
| Yemen        | 386                        | 0                             | 0                | 0                      | 376                       | 10   | 3.5                   | 0  | 0  | 91.5                          | 0                  | 0                  | 442                        | 0                             | 0                | 30                     | 410                       | 3    | 3.8                              | 1  | 0  | 93.2                          | 0                  | 0                  | 16/12/2012            |          |  |                 |  |
| EMR          | 11742                      | 278                           | 45               | 0                      | 11395                     | 24   | 4.8                   | 0  | 0  | 90.0                          | 276                | 2                  | 10286                      | 92                            | 8                | 683                    | 9480                      | 25   | 4.3                              | 185  | 17   | 90.9                          | 90                 | 3                  |                       |          |  |                 |  |
| 2010         | 11338                      | 169                           | 31               | 0                      | 11129                     | 10   | 4.6                   | 0  | 0  | 90.9                          | 137                | 32                 |                            |                               |                  |                        |                           |      |                                  |  |  |                               |                    |                    |                       |          |  |                 |  |

\* Confirmed polio cases refer to wild isolation from AFP cases or from contacts of negative index AFP cases

\*\* Non-polio AFP per 100,000 children <15 years

\*\*\* Adequate here refers to two stool specimens collected at least 24 hours apart, within 14 days of paralysis onset

\*\*\*\* AFP cases co infected with P1 and P3 are counted separately as wild isolates

# One AFP case in Pakistan had co infection P1 & P3 from 2 contacts P1 & P3



Table 4: Investigation of contacts of AFP cases with paralysis onset in 2012 up to Week (51/12) / Ending on : (23/12/12)

| Country                 | No. of AFP cases | No. of eligible AFP cases for contact sampling* | % of eligible AFP cases with contact samplings | % of eligible AFP cases with 3+ contacts | Total number of Contacts*<br>* | % of contacts under 5 years | % of contacts with specimens collected within 7 days of notification of index | % Contact specimens in lab within 3 days of collection | % Contact specimens positive for NPEV | % Contact specimens positive for Sabin like virus | No. of contacts positive for wild virus | % of wild polio virus isolation from contacts | No. of Contacts positive for VDPVs | No. of -ve index AFP cases identified positive by contact | No. of district identified infected from contacts |
|-------------------------|------------------|---|--|--|--------------------------------|-----------------------------|---|--|---------------------------------------|---|---|---|------------------------------------|---|---|
| Afghanistan             | 1749             | 135   | 91.1   | 90.4                                     | 859                            | 94.4                        | 73.8  | 31.0   | 25.0                                  | 5.1   | 3                                       | 0.4   | 2                                  | 3   | 1   |
| Bahrain                 | 15               | 1   | 100.0  | 0.0                                      | 1                              | 0.0                         | 100.0   | 0.0  | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Djibouti                | 6                | 2   | 50.0   | 50.0                                     | 9                              | 77.8                        | 100.0   | 0.0  | 0.0                                   | 50.0  | 0                                       | 0.0   |                                    | 0   | 0   |
| Egypt                   | 970              | 104   | 78.8   | 78.8                                     | 359                            | 78.6                        | 50.7  | 100.0  | 22.8                                  | 2.1   | 0                                       | 0.0   |                                    | 0   | 0   |
| Iran                    | 641              | 41  | 95.1   | 82.9                                     | 182                            | 76.4                        | 30.2  | 78.0   | 2.7                                   | 0.5   | 0                                       | 0.0   |                                    | 0   | 0   |
| Iraq                    | 446              | 46  | 78.3   | 58.7                                     | 114                            | 64.0                        | 48.2  | 66.7   | 6.3                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Jordan                  | 29               | 4   | 25.0   | 25.0                                     | 61                             | 31.1                        | 95.1  | 100.0  | 8.2                                   | 3.3   | 0                                       | 0.0   |                                    | 0   | 0   |
| Kuwait                  | 33               | 4   | 100.0  | 75.0                                     | 81                             | 42.0                        | 84.0  | 100.0  | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Lebanon                 | 24               | 12  | 66.7   | 41.7                                     | 27                             | 18.5                        | 59.3  | 12.5   | 12.5                                  | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Libya                   | 38               | 1   | 0.0  | 0.0                                      | 0                              |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Morocco                 | 66               | 12  | 50.0   | 33.3                                     | 33                             | 42.4                        | 27.3  | 96.2   | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Oman                    | 29               | 0   |  |  | 93                             | 77.4                        | 96.8  | 100.0  | 9.4                                   | 1.2   | 0                                       | 0.0   |                                    | 0   | 0   |
| Pakistan                | 4537             | 486   | 84.2   | 81.5                                     | 1538                           | 91.3                        | 63.1  | 66.1   | 26.7                                  | 3.8   | 7                                       | 0.5   | 2                                  | 4   | 3   |
| Palestine               | 20               | 1   | 0.0  | 0.0                                      | 0                              |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Qatar                   | 12               | 1   | 0.0  | 0.0                                      | 0                              |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Saudi Arabia            | 214              | 9   | 77.8   | 77.8                                     | 46                             | 45.7                        | 60.9  | 68.2   | 0.0                                   | 4.5   | 0                                       | 0.0   |                                    | 0   | 0   |
| Somalia                 | 142              | 3   | 100.0  | 100.0                                    | 418                            | 92.8                        | 99.3  | 10.9   | 16.1                                  | 4.1   | 0                                       | 0.0   |                                    | 0   | 0   |
| Sudan                   | 360              | 13  | 92.3   | 92.3                                     | 222                            | 79.7                        | 55.0  | 34.0   | 12.0                                  | 0.5   | 0                                       | 0.0   |                                    | 0   | 0   |
| South Sudan             | 311              | 17  | 100.0  | 100.0                                    | 887                            | 84.3                        | 91.7  | 1.2  | 12.6                                  | 0.8   | 0                                       | 0.0   |                                    | 0   | 0   |
| Syria                   | 103              | 16  | 43.8   | 25.0                                     | 26                             | 53.8                        | 30.8  | 78.3   | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Tunisia                 | 60               | 13  | 69.2   | 30.8                                     | 76                             | 18.4                        | 31.6  | 50.7   | 0.0                                   | 2.7   | 0                                       | 0.0   |                                    | 0   | 0   |
| U.A.E.                  | 39               | 0   |  |  | 0                              |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Yemen                   | 442              | 30  | 90.0   | 83.3                                     | 204                            | 60.3                        | 63.7  | 3.9  | 17.2                                  | 11.1  | 0                                       | 0.0   |                                    | 0   | 0   |
| <b>Grand Total 2012</b> | <b>10286</b>     | <b>951</b>                                      | <b>83.3</b>                                    | <b>78.5</b>                              | <b>5236</b>                    | <b>83.0</b>                 | <b>70.4</b>   | <b>46.1</b>  | <b>18.9</b>                           | <b>3.2</b>  | <b>10</b>                               | <b>0.2</b>                                    | <b>4</b>                           | <b>7</b>  | <b>4</b>  |
| <b>Grand Total 2011</b> | <b>11742</b>     | <b>1190</b>                                     | <b>81.6</b>                                    | <b>78.8</b>                              | <b>6030</b>                    | <b>85.9</b>                 | <b>69.8</b>   | <b>50.6</b>  | <b>18.5</b>                           | <b>3.8</b>  | <b>33</b>                               | <b>0.6</b>                                    | <b>16</b>                          | <b>18</b>   | <b>9</b>  |

\* Eligible refers to AFP cases with inadequate stool specimens

\*\* Total number of contacts from eligible AFP cases and from other AFP cases as per with country criteria for contact sampling

Last wild contacts in EMRO, 01/01/2012- 23/12/2012

| Year              | Country     | Data<br>Count of wild contacts | Date of Most Recent stool collection |
|-------------------|-------------|--------------------------------|--------------------------------------|
| 2012              | Afghanistan | 3                              | 10/11/2012                           |
|                   | Pakistan    | 7                              | 08/10/2012                           |
| <b>2012 Total</b> |             | <b>10</b>                      | <b>10/11/2012</b>                    |



**Table 5: Laboratory investigation of AFP cases with paralysis onset in 2012 up to Week (51/12) / Ending on : (23/12/12)**

| Country               | Polio laboratories<br><br>Sequencing performed by CDC and RIVM laboratories | AFP cases with specimens | Preliminary virus isolation results of AFP cases |            |             |             |                        |                        | Poliovirus intratypic differentiation results # |            |          |        |            |           |          |            |          |                             | Indicators  |           |             |                                | Latest report Date |   |  |  |  |
|-----------------------|---|--------------------------|--|------------|-------------|-------------|------------------------|------------------------|---|------------|----------|--------|------------|-----------|----------|------------|----------|-----------------------------|-------------|-----------|-------------|--------------------------------|--------------------|---|--|--|--|
|                       |   |                          | Referred for ITD                                 |            | NPEV only   | Negative    | Pending                |                        | Type 1  |            |          | Type 2 |            |           | Type 3   |            |          | Discordant pending sequence | NPEV by PCR | Non-EV    | Pending ITD | % specimens positive for NPEV* |                    | % AFP cases with culture results within 14 days | % AFP cases with ITD results within 7 days | % AFP cases with ITD results within 45 days of onset** |  |
|                       |   |                          | L20B+  | L20B+/NPEV |             |             | received < / = 14 days | received > 14 days ago | Wild  | Sabin      | VDPV     | Wild   | Sabin      | VDPV      | Wild     | Sabin      | VDPV     |                             |             |           |             |                                |                    |   |  |  |  |
| Afghanistan           | RRL Pakistan  | 1722                     | 116  | 11         | 333         | 1210        | 52                     |                        | 32  | 35         |          |        | 17         | 3         |          | 56         |          | 2                           | 1           |           |             | 18%                            | 100%               | 98%   | 97%  | 22/12/2012   |  |
| Bahrain               | PNL Oman  | 12                       |  |            | 1           | 11          |                        |                        |   |            |          |        |            |           |          |            |          |                             |             |           |             | 6%                             | 100%               |   | 83%  | 23/12/2012   |  |
| Djibouti              | NPL Kenya   | 6                        |  |            | 4           |             | 2                      |                        |   |            |          |        |            |           |          |            |          |                             |             |           |             | 0%                             |                    |   | 100%                                       | 23/12/2012   |  |
| Egypt***              | RRL Egypt   | 949                      | 21   | 6          | 178         | 719         | 25                     |                        |   | 11         |          |        | 4          | 1         |          | 8          |          | 1                           | 6           | 3         |             | 18%                            | 96%                | 100%  | 99%  | 20/12/2012   |  |
| Iran                  | NPL Iran  | 654                      | 22   |            | 21          | 596         | 15                     |                        |   | 7          |          |        | 2          | 2         |          | 6          |          |                             |             | 10        |             | 3%                             | 99%                | 100%  | 99%  | 22/12/2012   |  |
| Iraq                  | RRL Egypt   | 444                      | 18   | 1          | 64          | 340         | 17                     | 4                      |   |            |          |        | 1          |           |          | 1          |          |                             |             |           |             | 14%                            | 100%               | 100%  | 50%  | 23/12/2012   |  |
| Jordan                | RRL Tunisia   | 32                       |  |            | 2           | 27          | 3                      | 1                      |   |            |          |        |            |           |          |            |          |                             |             |           |             | 9%                             | 97%                |   |  | 23/12/2012   |  |
| Kuwait                | RRL Kuwait  | 33                       |  |            |             | 33          |                        |                        |   |            |          |        |            |           |          |            |          |                             |             |           |             | 0%                             | 67%                |   | 100%                                       | 25/11/2012   |  |
| Lebanon               | RRL Egypt   | 31                       |  | 1          | 2           | 28          |                        |                        |   |            |          |        |            |           |          |            |          | 1                           |             |           |             | 8%                             | 100%               | 100%  | 77%  | 20/12/2012   |  |
| Libya                 | RRL Tunisia   | 41                       |  |            | 2           | 37          | 2                      |                        |   |            |          |        |            |           |          |            |          |                             |             |           |             | 4%                             | 95%                |   | 100%                                       | 21/12/2012   |  |
| Morocco               | RRL Tunisia   | 73                       |  |            | 2           | 65          | 5                      | 1                      |   |            |          |        |            |           |          |            |          |                             |             |           |             | 4%                             | 97%                |   | 99%  | 21/12/2012   |  |
| Oman                  | NPL Oman  | 31                       | 1  |            | 1           | 27          | 2                      |                        |   | 1          |          |        |            |           |          |            |          |                             |             |           |             | 14%                            | 100%               | 100%  | 100%                                       | 23/12/2012   |  |
| Pakistan              | RRL Pakistan  | 4711                     | 281  | 28         | 1033        | 3225        | 143                    | 1                      | 51  | 102        |          |        | 58         | 12        | 2        | 120        |          | 1                           | 8           |           |             | 20%                            | 99%                | 99%   | 97%  | 22/12/2012   |  |
| Palestine & UNRWA     |   | 20                       |  |            | 3           | 15          | 1                      | 1                      |   |            |          |        |            |           |          |            |          |                             |             |           |             | 17%                            | 6%                 |   | 78%  | 16/12/2012   |  |
| Qatar                 | NPL Oman  | 13                       | 1  |            |             | 12          |                        |                        |   |            |          |        |            |           |          |            |          |                             | 1           |           |             | 0%                             | 100%               | 100%  | 100%                                       | 23/12/2012   |  |
| Saudi Arabia          | NPL Oman  | 196                      | 6  |            | 4           | 173         |                        | 13                     |   | 1          |          |        | 4          |           |          | 2          |          |                             |             |           |             | 2%                             | 96%                | 100%  | 86%  | 24/11/2012   |  |
| Somalia               | NPL Kenya   | 141                      | 9  |            | 28          | 90          | 5                      | 12                     |   | 3          |          |        | 3          | 1         |          | 6          |          |                             |             |           |             | 22%                            | 2%                 |   | 98%  | 23/12/2012   |  |
| Sudan                 | RRL Egypt   | 363                      | 6  |            | 40          | 303         | 11                     | 3                      |   | 5          |          |        | 1          | 1         |          | 2          |          | 3                           |             |           |             | 11%                            | 93%                | 100%  | 100%                                       | 23/12/2012   |  |
| South Sudan           | NPL Kenya   | 310                      | 7  |            | 59          | 215         |                        | 32                     |   | 1          |          |        | 2          | 1         |          | 5          |          |                             |             |           |             | 21%                            | 0%                 |   | 90%  | 23/12/2012   |  |
| Syria                 | RRL Tunisia   | 98                       | 1  |            | 3           | 91          | 1                      | 2                      |   |            |          |        |            |           |          |            |          |                             |             |           |             | 4%                             | 98%                |   |  | 20/12/2012   |  |
| Tunisia               | RRL Tunisia   | 57                       | 2  |            | 2           | 53          |                        |                        |   |            |          |        | 2          |           |          | 1          |          |                             |             |           |             | 2%                             | 96%                | 50%   | 93%  | 21/12/2012   |  |
| U.A.E                 | NPL Oman  | 40                       |  |            |             | 39          | 1                      |                        |   |            |          |        |            |           |          |            |          |                             |             |           |             | 0%                             | 100%               |   | 92%  | 23/12/2012   |  |
| Yemen                 | RRL Egypt   | 445                      | 26   | 6          | 83          | 308         | 19                     |                        |   | 7          |          |        | 12         | 1         |          | 12         | 2        | 2                           | 6           |           |             | 18%                            | 94%                | 100%  | 91%  | 20/12/2012   |  |
| <b>Total EMR 2012</b> |   | <b>10422</b>             | <b>517</b>                                       | <b>53</b>  | <b>1861</b> | <b>7621</b> | <b>302</b>             | <b>72</b>              | <b>83</b>                                       | <b>173</b> |          |        | <b>106</b> | <b>22</b> | <b>2</b> | <b>219</b> | <b>2</b> | <b>9</b>                    | <b>22</b>   | <b>14</b> |             | <b>17%</b>                     | <b>94%</b>         | <b>99%</b>                                      | <b>97%</b>                                 |  |  |
| <b>Total EMR 2011</b> |   | <b>11586</b>             | <b>669</b>                                       | <b>62</b>  | <b>2056</b> | <b>8795</b> |                        |                        | <b>258</b>                                      | <b>183</b> | <b>2</b> |        | <b>109</b> | <b>18</b> | <b>2</b> | <b>222</b> |          | <b>3</b>                    | <b>6</b>    | <b>37</b> | <b>2</b>    |                                | <b>16%</b>         | <b>94%</b>                                      | <b>98%</b>                                 | <b>94%</b>   |  |

\* Specimens from all sources including non-AFP cases, excluding environmental samples

\*\* This indicator reflects surveillance and laboratory activities

\*\*\* Environmental surveillance initiated in Egypt in September 2000 showed the following:

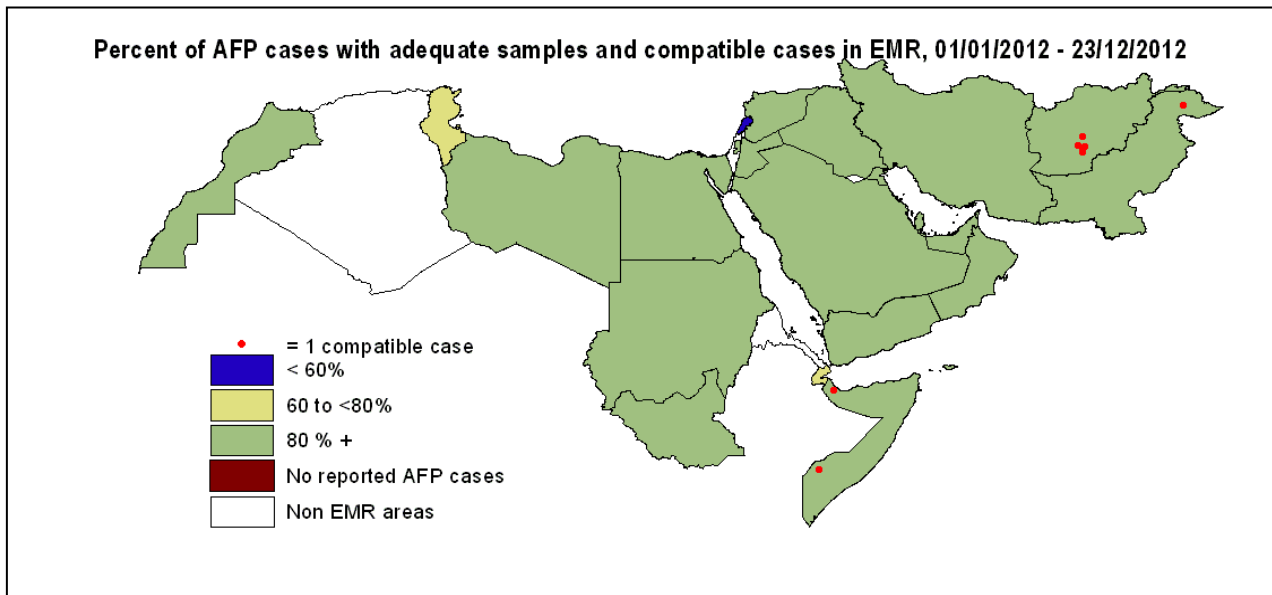
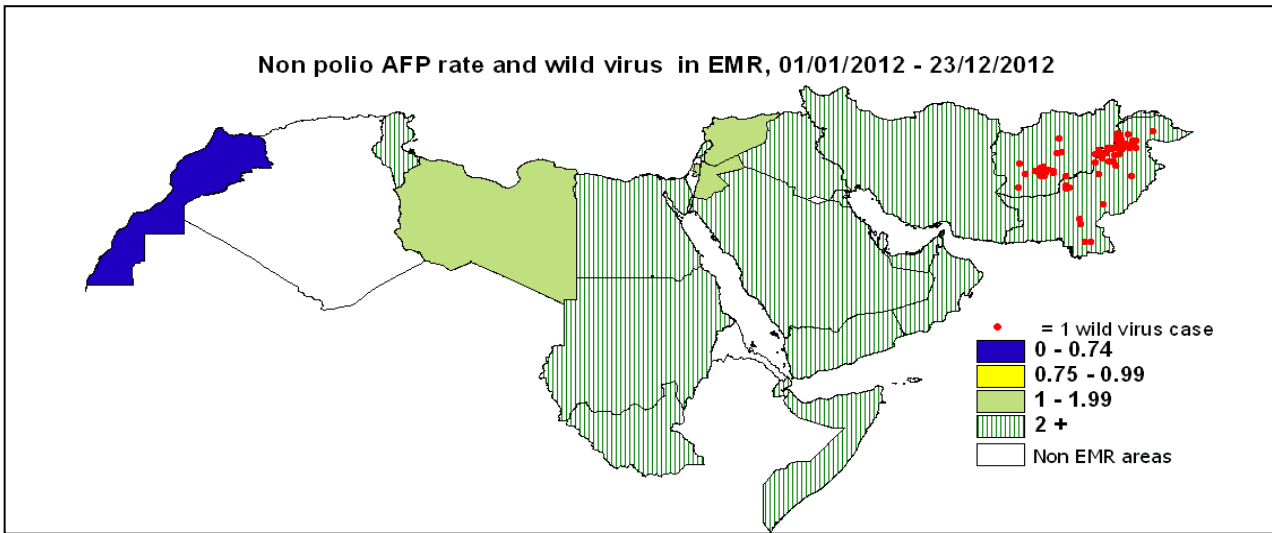
| Year               | 2000      | 2001       | 2002       | 2003       | 2004       | 2005       | 2006       | 2007       | 2008       | 2009       | 2010       | 2011       | 2012       | Grand Total |
|--------------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| Negative           | 52        | 55         | 136        | 299        | 469        | 499        | 492        | 458        | 444        | 481        | 415        | 448        | 357        | 4605        |
| Pending            |           |            |            |            |            |            |            |            |            |            |            |            | 42         | 42          |
| Wild               | 2         | 75         | 26         | 12         | 13         | 2          |            | 2          |            |            | 1          |            |            | 133         |
| <b>Grand Total</b> | <b>54</b> | <b>130</b> | <b>162</b> | <b>311</b> | <b>482</b> | <b>501</b> | <b>492</b> | <b>458</b> | <b>446</b> | <b>481</b> | <b>416</b> | <b>448</b> | <b>399</b> | <b>4780</b> |

In 2008, out of 446 samples, 2 positive for wild virus in Giza governorate (Al Haram Site) genomic sequence data indicate importation from Ethiopia / South Sudan & Cairo governorate (Al Haggana 2) genomic sequence data indicate nearest importation from India. In 2010, 1 positive sample for wild virus in Aswan governorate (Aswan City) genomic sequence data indicate nearest importation from Sudan.

In 2012, 3 VDPVs were isolated. 2 P2 in March and May 2012 in Cairo governorate (Al Haggana) and 1 P1 in April 2012 in Alexandria governorate (Gharb).

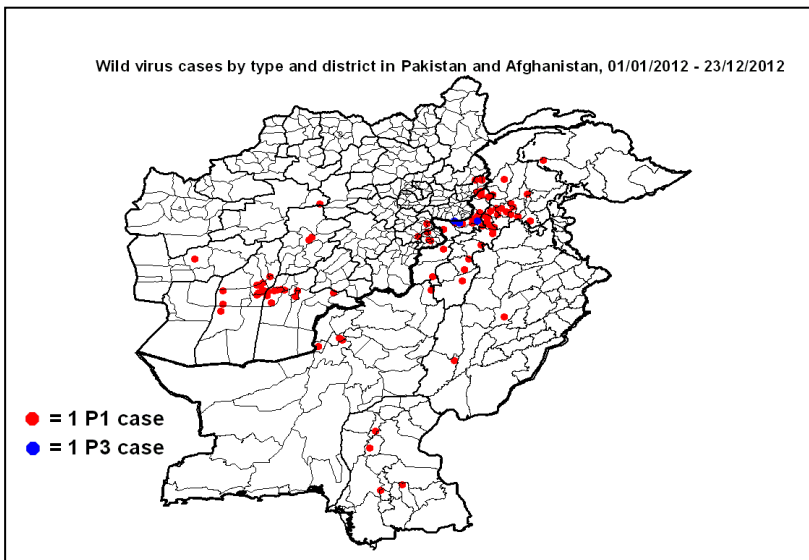
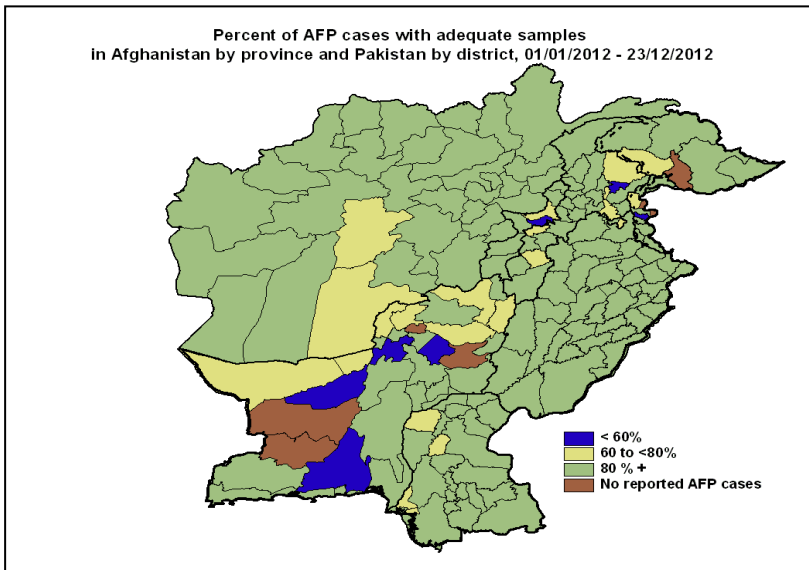
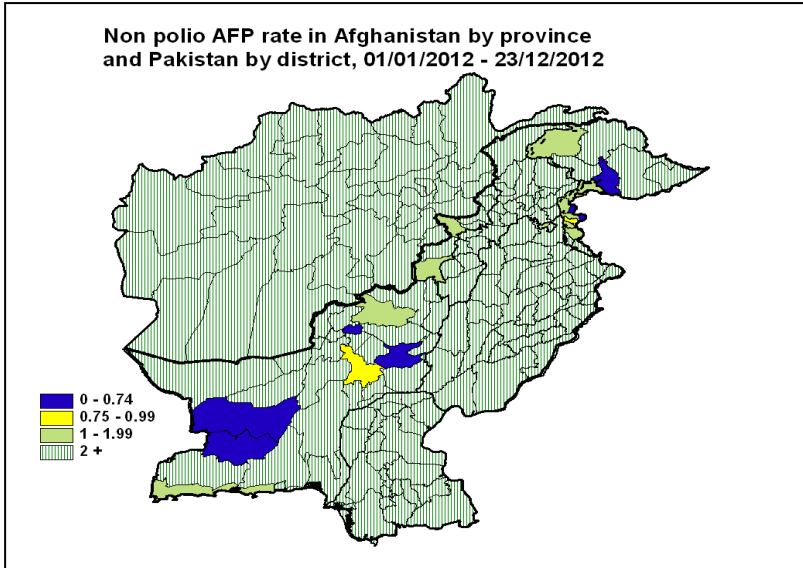
\*\*\*\*Environmental surveillance initiated in Pakistan in August 2009 showed the following:

| Year               | 2009            |                 |                          |           | 2010            |                 |                          |           | 2011      |            |          |           | 2012            |                 |                          |           |           |            |           |           |           |            |            |
|--------------------|-----------------|-----------------|--------------------------|-----------|-----------------|-----------------|--------------------------|-----------|-----------|------------|----------|-----------|-----------------|-----------------|--------------------------|-----------|-----------|------------|-----------|-----------|-----------|------------|------------|
| Status             | KHI BALDIA TOWN | KHI GADAPT TOWN | KHI GULSHAN-E-IGBAL TOWN | LAHORE    | KHI BALDIA TOWN | KHI GADAPT TOWN | KHI GULSHAN-E-IGBAL TOWN | LAHORE    | PESHAWAR  | RAWALPINDI | QUETTA   | MULTAN    | KHI BALDIA TOWN | KHI GADAPT TOWN | KHI GULSHAN-E-IGBAL TOWN | LAHORE    | PESHAWAR  | RAWALPINDI | QUETTA    | MULTAN    | SUKKUR    | HYDRABAD   | Faisalabad |
| Negative           | 9               | 3               | 5                        | 10        | 27              | 10              | 11                       | 12        | 27        | 2          | 2        | 4         | 9               | 77              | 8                        | 8         | 10        | 17         | 5         | 1         | 4         | 15         | 68         |
| Pending            |                 |                 |                          |           |                 |                 |                          |           |           |            |          |           |                 |                 |                          |           |           |            |           |           |           |            |            |
| Wild               | 1               | 8               | 7                        | 2         | 18              | 6               | 20                       | 12        | 6         | 12         | 5        | 9         | 79              | 4               | 28                       | 14        | 19        | 19         | 11        | 20        | 21        | 136        |            |
| <b>Grand Total</b> | <b>10</b>       | <b>11</b>       | <b>12</b>                | <b>12</b> | <b>45</b>       | <b>16</b>       | <b>31</b>                | <b>24</b> | <b>33</b> | <b>14</b>  | <b>7</b> | <b>13</b> | <b>18</b>       | <b>156</b>      | <b>12</b>                | <b>36</b> | <b>24</b> | <b>36</b>  | <b>24</b> | <b>24</b> | <b>36</b> | <b>204</b> |            |



**Wild polio cases by country and date of onset of paralysis in EMR, 2012**

| Year              | COUNTRY | P1        |                   |                   | P3       |                   |                   | P1P3     |                   |                   | Total Count | First Case        | Last Case         |
|-------------------|---------|-----------|-------------------|-------------------|----------|-------------------|-------------------|----------|-------------------|-------------------|-------------|-------------------|-------------------|
|                   |         | Count     | First Case        | Last Case         | Count    | First Case        | Last Case         | Count    | First Case        | Last Case         |             |                   |                   |
| 2012              | AFG     | 35        | 01/01/2012        | 25/11/2012        |          |                   |                   |          |                   |                   | 35          | 01/01/2012        | 25/11/2012        |
|                   | PAK     | 54        | 01/01/2012        | 20/11/2012        | 2        | 19/02/2012        | 18/04/2012        | 1        | 04/01/2012        | 04/01/2012        | 57          | 01/01/2012        | 20/11/2012        |
| <b>2012 Total</b> |         | <b>89</b> | <b>01/01/2012</b> | <b>25/11/2012</b> | <b>2</b> | <b>19/02/2012</b> | <b>18/04/2012</b> | <b>1</b> | <b>04/01/2012</b> | <b>04/01/2012</b> | <b>92</b>   | <b>01/01/2012</b> | <b>25/11/2012</b> |





## World Health Organization – Regional Office for Eastern Mediterranean

## AFP SURVEILLANCE

Week 51, ending 23 December 2012

24-Dec-12

Number 742

## Wild Polio cases by district and date of onset of paralysis, Afghanistan 2012

| PROVINCE    | DISTRICT         | P1    |            |            |
|-------------|------------------|-------|------------|------------|
|             |                  | Count | First case | Last case  |
| KHOST       | MANDO ZAYI       | 2     | 14/09/2012 | 25/11/2012 |
|             | MUSA KHEL        | 1     | 09/11/2012 | 09/11/2012 |
| HILMAND     | LASHKAR GAH      | 1     | 19/11/2012 | 19/11/2012 |
|             | NAHRI SARRAJ     | 6     | 03/05/2012 | 21/10/2012 |
|             | SANGIN           | 1     | 20/07/2012 | 20/07/2012 |
|             | REG (H)          | 1     | 28/06/2012 | 28/06/2012 |
|             | NAD ALI          | 2     | 01/01/2012 | 23/01/2012 |
| KANDAHAR    | KANDAHAR         | 2     | 15/01/2012 | 28/10/2012 |
|             | MAYWAND          | 7     | 18/05/2012 | 20/10/2012 |
|             | KHAKREZ          | 1     | 14/03/2012 | 14/03/2012 |
|             | ARGHISTAN        | 1     | 03/01/2012 | 03/01/2012 |
| URUZGAN     | GIZAB            | 2     | 17/09/2012 | 18/10/2012 |
| PAKTYA      | CHAMKANI         | 1     | 01/10/2012 | 01/10/2012 |
|             | JADRAN           | 1     | 15/02/2012 | 15/02/2012 |
| KUNAR       | MARAWARA         | 1     | 21/09/2012 | 21/09/2012 |
|             | BAR KUNAR        | 2     | 30/06/2012 | 21/07/2012 |
|             | NARI             | 1     | 01/07/2012 | 01/07/2012 |
| GHOR        | LAL WA SARJANGAL | 1     | 31/08/2012 | 31/08/2012 |
| FARAH       | BALA BULUK       | 1     | 02/06/2012 | 02/06/2012 |
| Grand Total |                  | 35    | 01/01/2012 | 25/11/2012 |

Maywand P1 case (AFG/08/12/216) was identified as wild by a positive contact with date of stool collection 08/09/2012  
 Lal Wa Sarjangal P1 case (AFG/03/12/216) was identified as wild by a positive contact with date of stool collection 09/09/2012  
 Maywand P1 case (AFG/08/12/289) was identified as wild by a positive contact with date of stool collection 10/11/2012

## Wild Polio cases by district and date of onset of paralysis, Pakistan 2012

| PROVINCE         | DISTRICT   | P1         |            |            | P3         |            |            | PIP3  |            |            | Total Count | First case | Last case  |
|------------------|------------|------------|------------|------------|------------|------------|------------|-------|------------|------------|-------------|------------|------------|
|                  |            | Count      | First case | Last case  | Count      | First case | Last case  | Count | First case | Last case  |             |            |            |
| KHYBER PAKHTOON  | PESHAWAR   | 6          | 10/01/2012 | 20/11/2012 |            |            |            |       |            |            | 6           | 10/01/2012 | 20/11/2012 |
|                  | MARDAN     | 4          | 21/07/2012 | 03/11/2012 |            |            |            |       |            |            | 4           | 21/07/2012 | 03/11/2012 |
|                  | SWABI      | 3          | 22/08/2012 | 23/10/2012 |            |            |            |       |            |            | 3           | 22/08/2012 | 23/10/2012 |
|                  | BUNIR      | 1          | 14/10/2012 | 14/10/2012 |            |            |            |       |            |            | 1           | 14/10/2012 | 14/10/2012 |
|                  | TORGHAR    | 2          | 09/08/2012 | 26/09/2012 |            |            |            |       |            |            | 2           | 09/08/2012 | 26/09/2012 |
|                  | DIRUPPER   | 1          | 14/09/2012 | 14/09/2012 |            |            |            |       |            |            | 1           | 14/09/2012 | 14/09/2012 |
|                  | CHARSADA   | 2          | 12/07/2012 | 13/09/2012 |            |            |            |       |            |            | 2           | 12/07/2012 | 13/09/2012 |
|                  | SHANGLA    | 1          | 25/08/2012 | 25/08/2012 |            |            |            |       |            |            | 1           | 25/08/2012 | 25/08/2012 |
|                  | HARIPUR    | 1          | 20/08/2012 | 20/08/2012 |            |            |            |       |            |            | 1           | 20/08/2012 | 20/08/2012 |
|                  | KARAK      | 1          | 10/08/2012 | 10/08/2012 |            |            |            |       |            |            | 1           | 10/08/2012 | 10/08/2012 |
|                  | LAKKIMRWT  | 2          | 16/01/2012 | 19/07/2012 |            |            |            |       |            |            | 2           | 16/01/2012 | 19/07/2012 |
|                  | DIKHAN     | 1          | 11/01/2012 | 11/01/2012 |            |            |            |       |            |            | 1           | 11/01/2012 | 11/01/2012 |
|                  | KOHAT      | 1          | 11/01/2012 | 11/01/2012 |            |            |            |       |            |            | 1           | 11/01/2012 | 11/01/2012 |
|                  | FATA       | MOHMAND    | 1          | 10/11/2012 | 10/11/2012 |            |            |       |            |            |             | 1          | 10/11/2012 |
| KHYBER           |            | 8          | 06/01/2012 | 17/10/2012 | 2          | 19/02/2012 | 18/04/2012 | 1     | 04/01/2012 | 04/01/2012 | 11          | 04/01/2012 | 17/10/2012 |
| BAJOUR           |            | 5          | 12/07/2012 | 09/10/2012 |            |            |            |       |            |            | 5           | 12/07/2012 | 09/10/2012 |
| KURRAM           |            | 1          | 25/09/2012 | 25/09/2012 |            |            |            |       |            |            | 1           | 25/09/2012 | 25/09/2012 |
| WAZIR-S          |            | 1          | 13/05/2012 | 13/05/2012 |            |            |            |       |            |            | 1           | 13/05/2012 | 13/05/2012 |
| WAZIR-N          | 1          | 10/02/2012 | 10/02/2012 |            |            |            |            |       |            | 1          | 10/02/2012  | 10/02/2012 |            |
| BALOCHISTAN      | SHARANI    | 1          | 02/10/2012 | 02/10/2012 |            |            |            |       |            |            | 1           | 02/10/2012 | 02/10/2012 |
|                  | QUETTA     | 3          | 01/01/2012 | 22/06/2012 |            |            |            |       |            |            | 3           | 01/01/2012 | 22/06/2012 |
| SINDH            | NFEROZ     | 1          | 09/09/2012 | 09/09/2012 |            |            |            |       |            |            | 1           | 09/09/2012 | 09/09/2012 |
|                  | LARKANA    | 1          | 21/05/2012 | 21/05/2012 |            |            |            |       |            |            | 1           | 21/05/2012 | 21/05/2012 |
|                  | HYDERABAD  | 1          | 27/01/2012 | 27/01/2012 |            |            |            |       |            |            | 1           | 27/01/2012 | 27/01/2012 |
|                  | MIRPURKHAS | 1          | 03/01/2012 | 03/01/2012 |            |            |            |       |            |            | 1           | 03/01/2012 | 03/01/2012 |
| GILGIT BALTISTAN | DIAMIR     | 1          | 06/08/2012 | 06/08/2012 |            |            |            |       |            |            | 1           | 06/08/2012 | 06/08/2012 |
| PUNJAB           | RAJANPUR   | 1          | 21/05/2012 | 21/05/2012 |            |            |            |       |            |            | 1           | 21/05/2012 | 21/05/2012 |
|                  | JHANG      | 1          | 20/01/2012 | 20/01/2012 |            |            |            |       |            |            | 1           | 20/01/2012 | 20/01/2012 |
| Grand Total      |            | 54         | 01/01/2012 | 20/11/2012 | 2          | 19/02/2012 | 18/04/2012 | 1     | 04/01/2012 | 04/01/2012 | 57          | 01/01/2012 | 20/11/2012 |

Khyber P1 case (NW/34/12/005) was identified as wild by a positive contact with date of stool collection 30/01/2012  
 Khyber P1P3 case (NW/34/12/002) was identified as wild by positive contacts with date of stool collection 30/01/2012  
 Karak P1 case (NW/51/12/013) was identified as wild by a positive contact with date of stool collection 08/09/2012  
 Diamir P1 case (NA/31/12/004) was identified as wild by a positive contact with date of stool collection 06/09/2012