



## AFP SURVEILLANCE

11-Apr-16

Week 14, ending 10 April 2016

Number 914

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

| Country          | Reported AFP cases by week of onset - Week (14/16) / Ending on : 10/04/2016 |                |                         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|---|----------------|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                  | Total AFP 2014  | Total AFP 2015 | Total AFP to date, 2016 | W03<br>24 Jan 16 | W04<br>31 Jan 16 | W05<br>07 Feb 16 | W06<br>14 Feb 16 | W07<br>21 Feb 16 | W08<br>28 Feb 16 | W09<br>06 Mar 16 | W10<br>13 Mar 16 | W11<br>20 Mar 16 | W12<br>27 Mar 16 | W13<br>03 Apr 16 | W14<br>10 Apr 16 |
| Afghanistan      | 2421  | 2738           | 713                     | 71               | 47               | 48               | 67               | 61               | 50               | 44               | 53               | 42               | 47               | 27               | 5                |
| Bahrain          | 16  | 19             | 10                      | 0                | 0                | 2                | 1                | 0                | 0                | 0                | 2                | 0                | 1                | 1                | 1                |
| Djibouti         | 3   | 3              | 1                       | 0                | 1                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Egypt            | 1000  | 1046           | 289                     | 17               | 17               | 19               | 14               | 16               | 29               | 25               | 23               | 29               | 18               | 17               | 7                |
| Iran             | 753   | 780            | 195                     | 14               | 14               | 17               | 16               | 18               | 19               | 13               | 11               | 8                | 5                | 4                | 0                |
| Iraq             | 590   | 520            | 197                     | 15               | 12               | 22               | 12               | 11               | 15               | 11               | 10               | 16               | 13               | 5                |                  |
| Jordan ****      | 62  | 90             | 18                      | 3                | 0                | 0                | 3                | 1                | 0                | 0                | 2                | 3                | 1                | 2                |                  |
| Kuwait           | 32  | 32             | 12                      | 0                | 0                | 0                | 3                | 3                | 1                | 1                | 1                | 2                | 0                | 0                | 0                |
| Lebanon ****     | 50  | 113            | 26                      | 0                | 2                | 1                | 1                | 4                | 2                | 1                | 3                | 1                | 3                | 2                | 1                |
| Libya            | 43  | 54             | 13                      | 2                | 0                | 1                | 0                | 2                | 1                | 0                | 3                | 1                | 2                | 0                |                  |
| Morocco          | 103   | 78             | 15                      | 2                | 1                | 2                | 1                | 0                | 2                | 2                | 3                | 0                | 0                |                  |                  |
| Oman             | 34  | 39             | 12                      | 3                | 1                | 1                | 1                | 0                | 1                | 1                | 0                | 0                | 0                | 1                | 0                |
| Pakistan         | 5370  | 5811           | 1268                    | 109              | 98               | 92               | 111              | 99               | 102              | 106              | 74               | 83               | 47               | 10               | 0                |
| Palestine ****   | 21  | 38             | 19                      | 1                | 1                | 0                | 4                | 2                | 1                | 3                | 1                | 2                | 0                | 0                | 0                |
| Qatar            | 7   | 11             | 2                       | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 1                | 1                |
| Saudi Arabia     | 227   | 254            | 51                      | 7                | 5                | 6                | 1                | 7                | 8                | 6                | 4                | 1                | 0                | 0                | 0                |
| Somalia          | 420   | 281            | 69                      | 4                | 6                | 4                | 4                | 6                | 9                | 6                | 8                | 3                | 7                | 3                |                  |
| Sudan            | 442   | 436            | 108                     | 5                | 9                | 7                | 11               | 10               | 12               | 7                | 7                | 17               | 5                | 2                | 0                |
| Syria ****       | 306   | 235            | 83                      | 4                | 6                | 8                | 7                | 7                | 9                | 13               | 7                | 4                | 2                | 3                |                  |
| Tunisia          | 44  | 64             | 20                      | 2                | 0                | 3                | 1                | 3                | 2                | 4                | 1                | 0                | 0                | 0                |                  |
| U.A.E            | 25  | 31             | 15                      | 2                | 0                | 0                | 1                | 1                | 1                | 3                | 1                | 1                | 1                | 0                | 0                |
| Yemen            | 578   | 537            | 190                     | 19               | 13               | 22               | 14               | 17               | 10               | 5                | 17               | 10               | 8                | 7                | 1                |
| <b>Total EMR</b> | <b>12547</b>  | <b>13210</b>   | <b>3326</b>             | <b>280</b>       | <b>233</b>       | <b>255</b>       | <b>273</b>       | <b>268</b>       | <b>274</b>       | <b>251</b>       | <b>231</b>       | <b>223</b>       | <b>160</b>       | <b>85</b>        | <b>16</b>        |

No data = No report received

Table 2: Confirmed polio cases by month of onset

| Country          | Total year 2014 | Total year 2015 | 10/04     |           | Confirmed polio cases by month of onset |           |           |             |                |              |               |               |              |               |            |            |
|------------------|-----------------|-----------------|-----------|-----------|---|-----------|-----------|-------------|----------------|--------------|---------------|---------------|--------------|---------------|------------|------------|
|                  |                 |                 | 2015      | 2016      | May 2015                                | June 2015 | July 2015 | August 2015 | September 2015 | October 2015 | November 2015 | December 2015 | January 2016 | February 2016 | March 2016 | April 2016 |
| Afghanistan      | 28              | 20              | 1         | 2         | 1                                       | 2         | 1         | 3           | 3              | 4            | 2             | 1             | 1            | 1             |            |            |
| Bahrain          | 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             |            |            |
| Iran             | 0               | 0               | 0         | 0         | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             |            |            |
| Iraq             | 2               | 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             |            |            |
| Libya            | 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             |            |            |
| Oman             | 0               | 0               | 0         | 0         | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             |            |            |
| Pakistan         | 306             | 54              | 22        | 8         | 2                                       | 4         | 0         | 5           | 4              | 4            | 9             | 3             | 2            | 4             | 2          |            |
| Palestine ****   | 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             |            |            |
| Saudi Arabia     | 0               | 0               | 0         | 0         | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             |            |            |
| Somalia          | 5               | 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             |            |            |
| Syria ****       | 1               | 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             |            |            |
| Yemen            | 0               | 0               | 0         | 0         | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             |            |            |
| <b>Total EMR</b> | <b>342</b>      | <b>74</b>       | <b>23</b> | <b>10</b> | <b>3</b>                                | <b>6</b>  | <b>1</b>  | <b>8</b>    | <b>7</b>       | <b>8</b>     | <b>11</b>     | <b>4</b>      | <b>3</b>     | <b>5</b>      | <b>2</b>   | <b>0</b>   |

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



Table 3: Investigation of AFP cases with paralysis onset in 2015 &amp; 2016 up to Week (14/16) / Ending on : 10/04/2016)

| COUNTRY      | 2015                       |                               |                  |                        |                           |      |                       |  |  |                               |                    |                    | 2016                       |                               |                  |                        |                           |      |                                  |  |  |                               |                    |                    | Latest line List Date |
|--------------|----------------------------|-------------------------------|------------------|------------------------|---------------------------|------|-----------------------|--|--|-------------------------------|--------------------|--------------------|----------------------------|-------------------------------|------------------|------------------------|---------------------------|------|----------------------------------|--|--|-------------------------------|--------------------|--------------------|-----------------------|
|              | AFP                        |                               |                  |                        |                           |      |                       |  |  | Specimen                      | Wild cases ****    |                    | AFP                        |                               |                  |                        |                           |      |                                  |  |  | Specimen                      | Wild cases ****    |                    |                       |
|              | Total AFP cases onset 2015 | 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 2016 | 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  | 2738                       | 20                            | 3                | 15                     | 2700                      | 0    | 13.8                  | 15   | 0  | 93.0                          | 20                 | 0                  | 713                        | 2                             | 0                | 182                    | 529                       | 0    | 13.0                             | 5  | 0  | 91.9                          | 2                  | 0                  | 10/04/2016            |
| Bahrain      | 19                         | 0                             | 0                | 0                      | 19                        | 0    | 7.0                   | 0  | 0  | 94.7                          | 0                  | 0                  | 10                         | 0                             | 0                | 7                      | 3                         | 0    | 13.3                             | 0  | 0  | 100.0                         | 0                  | 0                  | 10/04/2016            |
| Djibouti     | 3                          | 0                             | 0                | 3                      | 0                         | 0    | 1.0                   | 3  | 2  | 66.7                          | 0                  | 0                  | 1                          | 0                             | 0                | 1                      | 0                         | 0    | 1.2                              | 0  | 0  | 100.0                         | 0                  | 0                  | 03/04/2016            |
| Egypt        | 1046                       | 0                             | 0                | 0                      | 1045                      | 1    | 3.0                   | 0  | 0  | 94.2                          | 0                  | 0                  | 289                        | 0                             | 0                | 87                     | 202                       | 0    | 3.0                              | 1  | 0  | 88.6                          | 0                  | 0                  | 07/04/2016            |
| Iran         | 780                        | 0                             | 0                | 0                      | 779                       | 1    | 4.3                   | 0  | 0  | 96.9                          | 0                  | 0                  | 195                        | 0                             | 0                | 11                     | 184                       | 0    | 3.8                              | 0  | 0  | 94.9                          | 0                  | 0                  | 10/04/2016            |
| Iraq         | 520                        | 0                             | 0                | 0                      | 518                       | 2    | 3.6                   | 0  | 0  | 81.9                          | 0                  | 0                  | 197                        | 0                             | 0                | 56                     | 141                       | 1    | 4.9                              | 5  | 1  | 79.7                          | 0                  | 0                  | 09/04/2016            |
| Jordan       | 90                         | 0                             | 0                | 1                      | 89                        | 0    | 3.2                   | 1  | 0  | 96.7                          | 0                  | 0                  | 18                         | 0                             | 0                | 13                     | 5                         | 0    | 2.3                              | 0  | 0  | 94.4                          | 0                  | 0                  | 07/04/2016            |
| Kuwait       | 32                         | 0                             | 0                | 0                      | 32                        | 0    | 3.7                   | 0  | 0  | 96.9                          | 0                  | 0                  | 12                         | 0                             | 0                | 1                      | 11                        | 0    | 5.0                              | 0  | 0  | 91.7                          | 0                  | 0                  | 10/04/2016            |
| Lebanon      | 113                        | 0                             | 0                | 1                      | 112                       | 0    | 5.2                   | 1  | 0  | 84.1                          | 0                  | 0                  | 26                         | 0                             | 0                | 14                     | 12                        | 0    | 4.2                              | 0  | 0  | 61.5                          | 0                  | 0                  | 09/04/2016            |
| Libya        | 54                         | 0                             | 0                | 0                      | 54                        | 0    | 2.6                   | 0  | 0  | 94.4                          | 0                  | 0                  | 13                         | 0                             | 0                | 4                      | 9                         | 0    | 2.3                              | 0  | 0  | 92.3                          | 0                  | 0                  | 09/04/2016            |
| Morocco      | 78                         | 0                             | 0                | 18                     | 60                        | 0    | 0.8                   | 18   | 1  | 57.7                          | 0                  | 0                  | 15                         | 0                             | 0                | 10                     | 5                         | 0    | 0.5                              | 1  | 0  | 60.0                          | 0                  | 0                  | 28/03/2016            |
| Oman         | 39                         | 0                             | 0                | 0                      | 39                        | 0    | 4.5                   | 0  | 0  | 97.4                          | 0                  | 0                  | 12                         | 0                             | 0                | 2                      | 10                        | 0    | 5.0                              | 0  | 0  | 100.0                         | 0                  | 0                  | 10/04/2016            |
| Pakistan     | 5811                       | 54                            | 8                | 54                     | 5691                      | 4    | 7.4                   | 54   | 6  | 87.3                          | 54                 | 0                  | 1268                       | 8                             | 0                | 219                    | 1041                      | 0    | 5.8                              | 22   | 4  | 91.2                          | 8                  | 0                  | 11/04/2016            |
| Palestine    | 38                         | 0                             | 0                | 0                      | 38                        | 0    | 2.2                   | 0  | 0  | 92.1                          | 0                  | 0                  | 19                         | 0                             | 0                | 15                     | 4                         | 0    | 3.6                              | 0  | 0  | 94.7                          | 0                  | 0                  | 10/04/2016            |
| Qatar        | 11                         | 0                             | 0                | 0                      | 11                        | 0    | 3.7                   | 0  | 0  | 100.0                         | 0                  | 0                  | 2                          | 0                             | 0                | 2                      | 0                         | 0    | 2.4                              | 0  | 0  | 50.0                          | 0                  | 0                  | 10/04/2016            |
| Saudi Arabia | 254                        | 0                             | 0                | 0                      | 254                       | 0    | 2.7                   | 0  | 0  | 98.0                          | 0                  | 0                  | 51                         | 0                             | 0                | 51                     | 0                         | 0    | 1.9                              | 2  | 2  | 100.0                         | 0                  | 0                  | 10/04/2016            |
| Somalia      | 281                        | 0                             | 1                | 6                      | 274                       | 0    | 4.9                   | 6  | 3  | 96.1                          | 0                  | 0                  | 69                         | 0                             | 0                | 27                     | 42                        | 0    | 4.3                              | 0  | 0  | 100.0                         | 0                  | 0                  | 08/04/2016            |
| Sudan        | 436                        | 0                             | 0                | 0                      | 436                       | 0    | 2.6                   | 0  | 0  | 97.2                          | 0                  | 0                  | 108                        | 0                             | 0                | 11                     | 97                        | 0    | 2.3                              | 0  | 0  | 100.0                         | 0                  | 0                  | 10/04/2016            |
| Syria        | 235                        | 0                             | 0                | 0                      | 235                       | 0    | 3.0                   | 0  | 0  | 90.2                          | 0                  | 0                  | 83                         | 0                             | 0                | 31                     | 52                        | 0    | 3.9                              | 0  | 0  | 89.2                          | 0                  | 0                  | 09/04/2016            |
| Tunisia      | 64                         | 0                             | 0                | 0                      | 64                        | 0    | 2.4                   | 0  | 0  | 85.9                          | 0                  | 0                  | 20                         | 0                             | 0                | 1                      | 19                        | 0    | 2.8                              | 1  | 1  | 90.0                          | 0                  | 0                  | 08/04/2016            |
| U.A.E        | 31                         | 0                             | 0                | 0                      | 31                        | 0    | 3.0                   | 0  | 0  | 90.3                          | 0                  | 0                  | 15                         | 0                             | 0                | 4                      | 11                        | 0    | 5.4                              | 0  | 0  | 100.0                         | 0                  | 0                  | 10/04/2016            |
| Yemen        | 537                        | 0                             | 0                | 33                     | 504                       | 0    | 4.1                   | 33   | 23   | 90.7                          | 0                  | 0                  | 190                        | 0                             | 0                | 154                    | 36                        | 0    | 5.3                              | 32   | 30   | 94.2                          | 0                  | 0                  | 09/04/2016            |
| EMR          | 13210                      | 74                            | 12               | 131                    | 12985                     | 8    | 5.4                   | 131  | 35   | 90.2                          | 74                 | 0                  | 3326                       | 10                            | 0                | 903                    | 2413                      | 1    | 4.9                              | 69   | 38   | 91.1                          | 10                 | 0                  |                       |
| 2014         | 12546                      | 342                           | 59               | 0                      | 12116                     | 30   | 4.9                   | 0  | 0  | 90.7                          | 342                | 0                  |                            |                               |                  |                        |                           |      |                                  |  |  |                               |                    |                    |                       |

\* 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 &lt;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



## World Health Organization – Regional Office for Eastern Mediterranean

## AFP SURVEILLANCE

Week 14, ending 10 April 2016

11-Apr-16

Number 914

Table 4: Investigation of contacts of AFP cases with paralysis onset in 2016 up to Week (14/16) / Ending on : (10/04/2016)

| 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** | % 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             | 713              | 58  | 81.0   | 81.0                                     | 296                        | 94.3                        | 66.9  | 35.2   | 18.7                                  | 11.2  | 1                                       | 0.4   |                                    | 1   | 1   |
| Bahrain                 | 10               | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Djibouti                | 1                | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Egypt                   | 289              | 39  | 43.6   | 43.6                                     | 72                         | 69.4                        | 62.5  | 100.0  | 15.0                                  | 13.3  | 0                                       | 0.0   |                                    | 0   | 0   |
| Iran                    | 195              | 10  | 30.0   | 30.0                                     | 21                         | 85.7                        | 0.0   | 85.7   | 4.8                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Iraq                    | 197              | 40  | 72.5   | 62.5                                     | 274                        | 64.6                        | 15.3  | 92.9   | 16.2                                  | 1.5   | 0                                       | 0.0   |                                    | 0   | 0   |
| Jordan                  | 18               | 1   | 0.0  | 0.0                                      | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Kuwait                  | 12               | 1   | 0.0  | 0.0                                      | 9                          | 33.3                        | 77.8  | 100.0  | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Lebanon                 | 26               | 10  | 0.0  | 0.0                                      | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Libya                   | 13               | 1   | 0.0  | 0.0                                      | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Morocco                 | 15               | 6   | 16.7   | 16.7                                     | 4                          | 100.0                       | 100.0   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Oman                    | 12               | 0   |  |  | 11                         | 81.8                        | 100.0   | 81.8   | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Pakistan                | 1268             | 112   | 79.5   | 76.8                                     | 338                        | 89.1                        | 54.4  | 67.3   | 15.2                                  | 9.1   | 2                                       | 0.7   |                                    | 0   | 0   |
| Palestine               | 19               | 1   | 0.0  | 0.0                                      | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Qatar                   | 2                | 1   | 0.0  | 0.0                                      | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Saudi Arabia            | 51               | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Somalia                 | 69               | 0   |  |  | 199                        | 92.5                        | 100.0   | 39.2   | 14.4                                  | 8.8   | 0                                       | 0.0   |                                    | 0   | 0   |
| Sudan                   | 108              | 0   |  |  | 31                         | 67.7                        | 67.7  | 0.0  | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Syria                   | 83               | 9   | 44.4   | 22.2                                     | 169                        | 29.6                        | 89.9  | 71.3   | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Tunisia                 | 20               | 2   | 50.0   | 0.0                                      | 5                          | 0.0                         | 60.0  | 100.0  | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| U.A.E.                  | 15               | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Yemen                   | 190              | 11  | 90.9   | 63.6                                     | 446                        | 58.3                        | 80.3  | 0.0  | 19.0                                  | 3.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| <b>Grand Total 2016</b> | <b>3326</b>      | <b>302</b>                                      | <b>66.6</b>                                    | <b>62.3</b>                              | <b>1875</b>                | <b>72.3</b>                 | <b>65.3</b>   | <b>58.5</b>  | <b>14.3</b>                           | <b>6.8</b>  | <b>3</b>                                | <b>0.2</b>                                    |                                    | <b>1</b>  | <b>1</b>  |
| <b>Grand Total 2015</b> | <b>13210</b>     | <b>1306</b>                                     | <b>79.6</b>                                    | <b>73.9</b>                              | <b>7458</b>                | <b>74.3</b>                 | <b>63.8</b>   | <b>46.0</b>  | <b>17.6</b>                           | <b>5.0</b>  | <b>11</b>                               | <b>0.2</b>                                    | <b>2</b>                           | <b>5</b>  | <b>3</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, 01/01/2015 - 10/04/2016

| Year              | Country           | Data      | Date of Most Recent stool collection |
|-------------------|-------------------|-----------|--------------------------------------|
| 2015              | Afghanistan       | 9         | 13/01/16                             |
|                   | Pakistan          | 2         | 27/07/15                             |
|                   | <b>2015 Total</b> | <b>11</b> | <b>13/01/16</b>                      |
| 2016              | Pakistan          | 2         | 13/03/16                             |
|                   | Afghanistan       | 1         | 01/03/16                             |
| <b>2016 Total</b> |                   | <b>3</b>  | <b>13/03/16</b>                      |

## Number and distribution by district of -ve index AFP cases identified as wild positive by contact in EMR, 2015-2016

| Year              | COUNTRY          | PROVINCE        | DISTRICT         | Count             | First case        | Last case         |
|-------------------|------------------|-----------------|------------------|-------------------|-------------------|-------------------|
| 2015              | AFG              | FARAH           | GULESTAN         | 1                 | 23/04/2015        | 23/04/2015        |
|                   |                  |                 | BAKWA            | 1                 | 21/04/2015        | 21/04/2015        |
|                   |                  | KANDAHAR        | 1                | 20/12/2015        | 20/12/2015        |                   |
|                   | <b>AFG Total</b> |                 |                  | <b>3</b>          | <b>21/04/2015</b> | <b>20/12/2015</b> |
|                   | PAK              | KHYBER PAKHTOON | PESHAWAR         | 1                 | 08/06/2015        | 08/06/2015        |
|                   |                  | TANK            | 1                | 25/01/2015        | 25/01/2015        |                   |
| <b>PAK Total</b>  |                  |                 | <b>2</b>         | <b>25/01/2015</b> | <b>08/06/2015</b> |                   |
| <b>2015 Total</b> |                  |                 | <b>5</b>         | <b>25/01/2015</b> | <b>20/12/2015</b> |                   |
| 2016              | AFG              | HILMAND         | NAWZAD           | 1                 | 23/01/2016        | 23/01/2016        |
|                   |                  |                 | <b>AFG Total</b> | <b>1</b>          | <b>23/01/2016</b> | <b>23/01/2016</b> |
| <b>2016 Total</b> |                  |                 | <b>1</b>         | <b>23/01/2016</b> | <b>23/01/2016</b> |                   |



**Table 5: Laboratory investigation of AFP cases with paralysis onset in 2016 up to Week (14/16) / Ending on : (10/04/2016)**

| 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 | VPV | Wild   | Sabin | VPV | Wild   | Sabin | VPV |                             |             |        |             |                                |                    |   |  |  |
|                       |   |                          |  |            |           |          |                        |                        |   |       |     |        |       |     |        |       |     |                             |             |        |             |                                |                    |   |  |  |
| Afghanistan           | RRL Pakistan  | 680                      | 55   | 6          | 104       | 433      | 82                     |                        | 1   | 34    |     |        | 7     |     |        | 35    |     | 1                           |             |        | 15%         | 100%                           | 97%                | 98%   | 09/04/2016                                 |  |
| Bahrain               | PNL Oman  | 5                        |  |            |           | 5        |                        |                        |   |       |     |        |       |     |        |       |     |                             |             |        | 0%          | 100%                           |                    | 100%  | 29/03/2016                                 |  |
| Djibouti              | NPL Kenya   | 1                        |  |            | 1         |          |                        |                        |   |       |     |        |       |     |        |       |     |                             |             |        | 100%        |                                |                    | 100%  | 03/04/2016                                 |  |
| Egypt***              | RRL Egypt   | 278                      | 17   | 1          | 30        | 186      | 33                     | 11                     |   | 5     |     |        | 6     |     |        | 10    |     | 1                           |             | 2      | 10%         | 100%                           | 100%               | 100%  | 07/04/2016                                 |  |
| Iran                  | NPL Iran  | 201                      | 5  |            | 4         | 174      | 18                     |                        |   | 4     |     |        |       |     |        | 2     |     |                             |             |        | 2%          | 99%                            | 100%               | 100%  | 09/04/2016                                 |  |
| Iraq                  | RRL Egypt   | 195                      | 8  |            | 8         | 146      | 27                     | 6                      |   | 1     |     |        | 6     | 1   |        | 4     |     |                             |             |        | 11%         | 100%                           | 100%               | 89%   | 07/04/2016                                 |  |
| Jordan                | RRL Tunisia   | 17                       |  |            | 1         | 15       | 1                      |                        |   | 1     |     |        |       |     |        | 1     |     |                             |             |        | 7%          | 100%                           | 100%               | 100%  | 10/04/2016                                 |  |
| Kuwait                | RRL Kuwait  | 17                       | 1  |            |           | 16       |                        |                        |   |       |     |        |       |     |        |       |     |                             | 1           |        | 0%          | 100%                           |                    | 94%   | 07/04/2016                                 |  |
| Lebanon               | NPL Jordan  | 24                       | 2  |            | 2         | 18       | 2                      |                        |   |       |     |        |       |     |        |       |     |                             |             |        | 5%          | 100%                           |                    |   | 10/04/2016                                 |  |
| Libya                 | RRL Tunisia   | 13                       |  |            |           | 10       | 3                      |                        |   |       |     |        |       |     |        |       |     |                             |             |        | 0%          | 100%                           |                    | 90%   | 08/04/2016                                 |  |
| Morocco               | RRL Tunisia   | 15                       | 1  |            |           | 12       | 2                      |                        |   |       |     |        |       |     |        |       |     |                             | 1           |        | 12%         | 92%                            |                    | 92%   | 08/04/2016                                 |  |
| Oman                  | NPL Oman  | 10                       |  |            | 3         | 7        |                        |                        |   |       |     |        |       |     |        |       |     |                             |             |        | 12%         | 100%                           |                    | 100%  | 29/03/2016                                 |  |
| Pakistan              | RRL Pakistan  | 1406                     | 125  | 4          | 210       | 942      | 124                    | 2                      | 8   | 63    |     |        | 25    |     |        | 62    |     |                             |             |        | 14%         | 100%                           | 100%               | 99%   | 09/04/2016                                 |  |
| Palestine & UNRWA     |   | 19                       |  |            | 1         | 17       |                        | 1                      |   |       |     |        |       |     |        |       |     |                             |             |        | 6%          | 39%                            |                    | 100%  | 10/04/2016                                 |  |
| Qatar                 | NPL Oman  |                          |  |            |           |          |                        |                        |   |       |     |        |       |     |        |       |     |                             |             |        |             |                                |                    |   | 29/03/2016                                 |  |
| Saudi Arabia          | NPL Oman  | 54                       |  |            |           | 44       |                        | 11                     |   |       |     |        |       |     |        | 1     |     |                             |             |        | 1%          | 100%                           | 100%               | 100%  | 27/03/2015                                 |  |
| Somalia               | NPL Kenya   | 69                       |  | 5          | 5         | 34       | 7                      | 18                     |   | 3     |     |        | 3     |     |        | 3     |     |                             |             | 2      | 23%         | 12%                            |                    | 98%   | 08/04/2016                                 |  |
| Sudan                 | RRL Egypt   | 104                      |  |            | 4         | 66       | 8                      | 26                     |   |       |     |        |       |     |        |       |     |                             |             |        | 6%          | 100%                           |                    |   | 10/04/2016                                 |  |
| Syria                 | RRL Egypt   | 81                       |  |            |           | 58       |                        | 23                     |   |       |     |        |       |     |        |       |     |                             |             |        | 0%          | 100%                           |                    |   | 30/03/2016                                 |  |
| Tunisia               | RRL Tunisia   | 26                       |  |            | 1         | 25       |                        |                        |   |       |     |        |       |     |        |       |     |                             |             |        | 3%          | 100%                           |                    | 100%  | 08/04/2016                                 |  |
| U.A.E                 | NPL Oman  | 11                       |  |            | 1         | 8        |                        | 2                      |   |       |     |        |       |     |        |       |     |                             |             |        | 11%         | 100%                           |                    | 100%  | 29/03/2016                                 |  |
| Yemen                 | NPL Kenya   | 230                      | 4  | 1          | 24        | 51       | 15                     | 135                    |   | 2     |     |        |       |     |        | 2     |     |                             | 1           |        | 22%         | 38%                            | 100%               | 69%   | 09/04/2016                                 |  |
| <b>Total EMR 2016</b> |   | 3456                     | 218  | 17         | 399       | 2267     | 322                    | 235                    | 9   | 113   |     |        | 47    | 1   |        | 120   |     | 1                           | 1           | 3      | 4           | 12%                            | 96%                | 99%   | 98%  |  |
| <b>Total EMR 2015</b> |   | 12988                    | 738  | 97         | 2311      | 9788     |                        | 51                     | 69  | 360   |     |        | 188   | 8   |        | 414   |     | 4                           | 31          | 10     | 1           | 16%                            | 92%                | 99%   | 94%  |  |

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

\*\* This indicator reflects surveillance and laboratory activities



Table 6 (a): Environmental isolate by year and type "EGYPT"

| Result   | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------|------|------|------|------|------|------|------|
| Negative | 183  | 178  | 196  | 304  | 410  | 412  | 70   |
| Pending  |      |      |      |      |      |      | 25   |
| Wild     |      |      | 2    |      |      |      |      |
| VDPVP2   |      |      | 7    | 3    | 2    | 3    |      |
| VDPVP1   |      |      | 1    |      | 1    |      |      |
| Total    | 183  | 178  | 206  | 307  | 413  | 415  | 95   |

Table 6 (b): Environmental Wild/VPV isolate by site "EGYPT"

| YEAR         | Province | Site    | Count | First date | Last Date  |
|--------------|----------|---------|-------|------------|------------|
| 2015         | VDPVP2   | CAIRO   | 1     | 16/06/2015 | 16/06/2015 |
|              |          | GIZA    | 1     | 04/02/2015 | 04/02/2015 |
|              |          | HURGADA | 1     | 26/05/2015 | 26/05/2015 |
| VDPVP2 Total |          |         | 3     | 04/02/2015 | 16/06/2015 |

Table 7 (a): Environmental isolate by year and type "AFGHANISTAN/PAKISTAN"

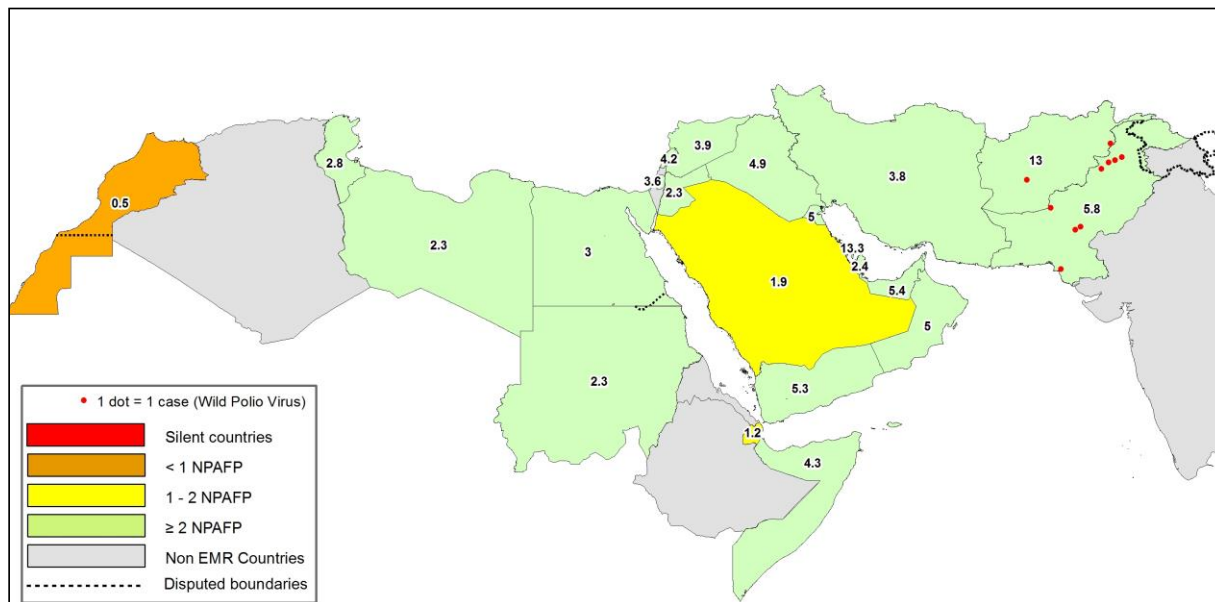
| COUNTRY1  | Status       | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |    |
|-----------|--------------|------|------|------|------|------|------|------|------|----|
| AFG       | Negative     |      |      |      |      |      | 9    | 78   | 127  | 30 |
|           | Pending      |      |      |      |      |      |      |      | 1    | 13 |
|           | Wild         |      |      |      |      |      |      | 17   | 20   |    |
| AFG Total |              |      |      |      |      |      | 9    | 95   | 148  | 43 |
| PAK       | Negative     | 27   | 77   | 68   | 150  | 256  | 236  | 347  | 105  |    |
|           | Pending      |      |      |      |      |      |      | 1    | 22   |    |
|           | Wild         | 18   | 79   | 136  | 89   | 64   | 125  | 79   | 16   |    |
|           | Wild & VDPV2 |      |      |      |      |      | 2    | 6    | 5    |    |
| PAK Total |              | 45   | 156  | 204  | 239  | 322  | 372  | 439  | 143  |    |

Table 7 (b): Environmental Wild/VPV isolate by site "AFGHANISTAN/PAKISTAN"

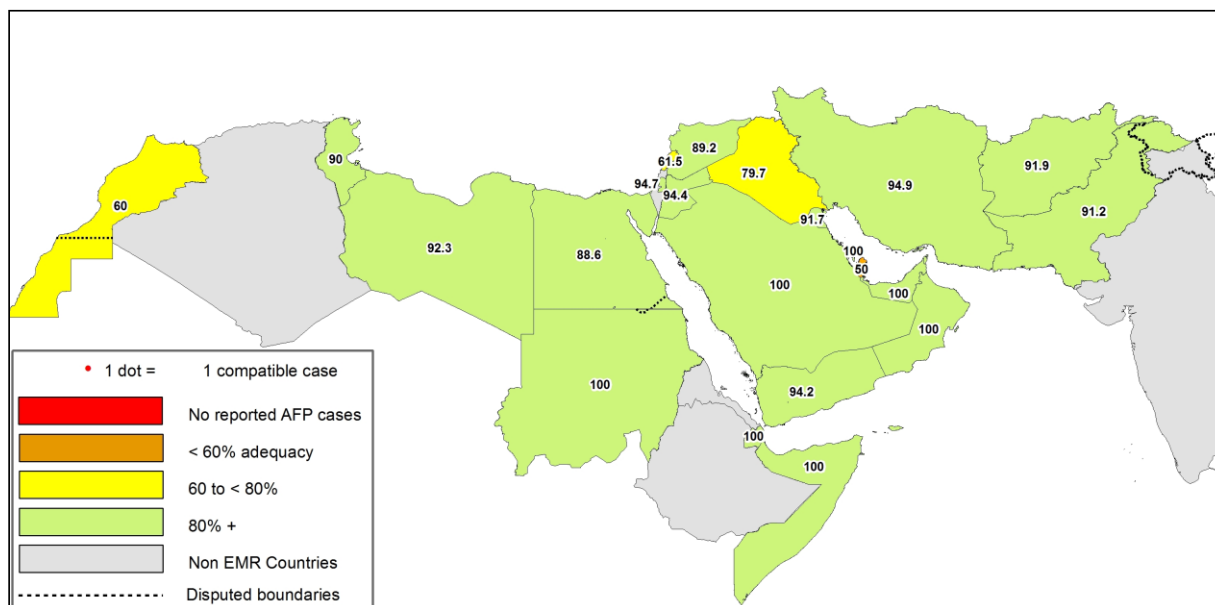
| Year      | COUNTRY                         | Status       | SITEDIST                 | SITENAME                    | Count | Wild                     | First date                      | Last date  |  |            |            |
|-----------|---------------------------------|--------------|--------------------------|-----------------------------|-------|--------------------------|---------------------------------|------------|--|------------|------------|
| 2015      | AFG                             | Wild         | KABUL                    | KARTI NAW                   | 1     |                          | 27/12/2015                      | 27/12/2015 |  |            |            |
|           |                                 |              | JALALABAD                | SANGI QALA                  | 2     |                          | 23/11/2015                      | 27/12/2015 |  |            |            |
|           |                                 |              |                          | RADOR BRIDGE                | 2     |                          | 22/02/2015                      | 21/09/2015 |  |            |            |
|           |                                 |              | LASHKARGAH               | BOLAN BRIDGE                | 3     |                          | 25/01/2015                      | 25/10/2015 |  |            |            |
|           |                                 |              |                          | RADIO MAHALLIE              | 4     |                          | 22/02/2015                      | 25/11/2015 |  |            |            |
|           |                                 |              | ASADABAD                 | MANDACOO                    | 1     |                          | 25/10/2015                      | 25/10/2015 |  |            |            |
|           |                                 |              | BEHSUD                   | HADA FARM                   | 1     |                          | 25/10/2015                      | 25/10/2015 |  |            |            |
|           |                                 |              | NAHR-E-SARAJ             | ZARAT BAGH                  | 2     |                          | 24/01/2015                      | 19/09/2015 |  |            |            |
|           |                                 |              |                          | BARAN SARAI                 | 1     |                          | 19/09/2015                      | 19/09/2015 |  |            |            |
|           |                                 |              | KANDAHAR                 | KHANDAK                     | 2     |                          | 04/01/2015                      | 26/08/2015 |  |            |            |
|           |                                 |              |                          | RAROBAT                     | 1     |                          | 26/01/2015                      | 26/01/2015 |  |            |            |
|           |                                 |              | AFG Total                |                             |       |                          |                                 | 20         |  | 04/01/2015 | 27/12/2015 |
|           |                                 |              | 2015                     | PAK                         | Wild  | KHI.GADAP TOWN           | BALDIA COMPOSITE                | 2          |  | 06/01/2015 | 04/02/2015 |
|           |                                 |              |                          |                             |       |                          | SOHRAB GOTH                     | 5          |  | 17/08/2015 | 22/12/2015 |
|           |                                 |              |                          |                             |       |                          | MACHAR COLONY                   | 6          |  | 11/05/2015 | 12/11/2015 |
|           |                                 |              |                          |                             |       |                          | KHAMISO GOTH                    | 3          |  | 20/01/2015 | 17/11/2015 |
|           |                                 |              |                          |                             |       | KHI.GULSHAN-E-IQBAL TOWN | CHAKORA NULLA                   | 2          |  | 13/01/2015 | 05/05/2015 |
|           |                                 |              |                          |                             |       |                          | RASHID MINHAS RD LAY            | 4          |  | 02/03/2015 | 14/12/2015 |
|           |                                 |              |                          |                             |       | RAWALPINDI               | SAFDAR ABAD                     | 1          |  | 10/10/2015 | 10/10/2015 |
|           | DHOKE DALLAL                    | 4            |                          |                             |       |                          | 10/03/2015                      | 14/12/2015 |  |            |            |
| PESHAWAR  | LARA MA                         | 3            |                          |                             |       |                          | 03/01/2015                      | 24/08/2015 |  |            |            |
|           | SHAHEEN TOWN                    | 8            |                          |                             |       |                          | 10/01/2015                      | 11/12/2015 |  |            |            |
| HYDERABAD | TULSIDAS PUMPING STATION        | 2            |                          |                             |       |                          | 03/02/2015                      | 03/12/2015 |  |            |            |
| JACOBABAD | SADDAR PUMPING STATION          | 5            |                          |                             |       |                          | 08/01/2015                      | 04/11/2015 |  |            |            |
| QUETTA    | JAM-E-SALFIA                    | 2            |                          |                             |       |                          | 12/01/2015                      | 12/10/2015 |  |            |            |
|           | JATAK KILLI & TAKHTHANI BY PASS | 6            |                          |                             |       |                          | 28/01/2015                      | 28/10/2015 |  |            |            |
|           | SUR PUL                         | 4            |                          |                             |       |                          | 20/01/2015                      | 20/09/2015 |  |            |            |
| LAHORE    | MULTAN ROAD STATION             | 2            |                          |                             |       |                          | 19/02/2015                      | 19/06/2015 |  |            |            |
|           | OUTFALL STATION-F               | 1            |                          |                             |       |                          | 12/10/2015                      | 12/10/2015 |  |            |            |
|           | OUTFALL STATION-G               | 1            |                          |                             |       |                          | 12/01/2015                      | 12/01/2015 |  |            |            |
| SUKKUR    | MAKKA PUMPING STATION           | 2            |                          |                             |       |                          | 06/01/2015                      | 04/02/2015 |  |            |            |
|           | MIANI PUMPING STATION           | 4            |                          |                             |       |                          | 05/02/2015                      | 11/09/2015 |  |            |            |
| MULTAN    | ALI TOWN                        | 1            |                          |                             |       |                          | 18/08/2015                      | 18/08/2015 |  |            |            |
|           | KOTLA ABDUL FATAH               | 2            |                          |                             |       |                          | 28/07/2015                      | 31/08/2015 |  |            |            |
|           | SURAJ MIANI                     | 1            |                          |                             |       |                          | 08/04/2015                      | 08/04/2015 |  |            |            |
| CDA       | SABZI MANDI                     | 2            |                          |                             |       |                          | 12/01/2015                      | 17/08/2015 |  |            |            |
| DIKHAN    | MODC DRAIN                      | 2            |                          |                             |       |                          | 04/03/2015                      | 04/08/2015 |  |            |            |
|           | ZAFAR ABAD DRAIN                | 1            |                          |                             |       |                          | 05/05/2015                      | 05/05/2015 |  |            |            |
| KABDULLAH | ARMY KAZIBA                     | 2            |                          |                             |       |                          | 01/03/2015                      | 01/06/2015 |  |            |            |
|           | HADI PACKET                     | 1            |                          |                             |       |                          | 15/01/2015                      | 15/01/2015 |  |            |            |
| 2015      | PAK                             | Wild & VDPV2 |                          |                             |       | QUETTA                   | JAM-E-SALFIA                    | 2          |  | 12/09/2015 | 12/12/2015 |
|           |                                 |              |                          |                             |       |                          | JATAK KILLI & TAKHTHANI BY PASS | 1          |  | 28/03/2015 | 28/03/2015 |
|           |                                 |              |                          |                             |       | PESHAWAR                 | LARA MA                         | 1          |  | 26/02/2015 | 26/02/2015 |
|           |                                 |              |                          |                             |       | KHI.GADAP TOWN           | SOHRAB GOTH                     | 1          |  | 22/01/2015 | 22/01/2015 |
|           |                                 |              | KHI.GULSHAN-E-IQBAL TOWN | RASHID MINHAS RD LAY        | 2     |                          | 08/06/2015                      | 07/07/2015 |  |            |            |
| 2015      | PAK                             | VDPV2        | LAHORE                   | OUTFALL STATION-G           | 1     |                          | 13/04/2015                      | 13/04/2015 |  |            |            |
|           |                                 |              | KHI.GADAP TOWN           | SOHRAB GOTH                 | 2     |                          | 23/02/2015                      | 18/03/2015 |  |            |            |
|           |                                 |              |                          | MACHAR COLONY               | 3     |                          | 14/01/2015                      | 16/03/2015 |  |            |            |
| PAK Total |                                 |              |                          |                             | 92    |                          | 03/01/2015                      | 22/12/2015 |  |            |            |
| 2016      | PAK                             | Wild         | KHI.GADAP TOWN           | SOHRAB GOTH                 | 1     |                          | 27/01/2016                      | 27/01/2016 |  |            |            |
|           |                                 |              |                          | MACHAR COLONY               | 2     |                          | 08/02/2016                      | 09/03/2016 |  |            |            |
|           |                                 |              |                          | KHAMISO GOTH                | 1     |                          | 09/02/2016                      | 09/02/2016 |  |            |            |
|           |                                 |              | PESHAWAR                 | SHAHEEN TOWN                | 3     |                          | 11/01/2016                      | 02/03/2016 |  |            |            |
|           |                                 |              | QUETTA                   | JAM-E-SALFIA                | 2     |                          | 12/02/2016                      | 12/02/2016 |  |            |            |
|           |                                 |              | JACOBABAD                | SADDAR PUMPING STATION      | 1     |                          | 04/02/2016                      | 04/02/2016 |  |            |            |
|           |                                 |              | FAISALABAD               | PUMPING STATION 3 ACHIKAIRA | 2     |                          | 03/02/2016                      | 03/02/2016 |  |            |            |
|           |                                 |              | KHI.GULSHAN-E-IQBAL TOWN | RASHID MINHAS RD LAY        | 1     |                          | 18/01/2016                      | 18/01/2016 |  |            |            |
|           |                                 |              | KABDULLAH                | HADI PACKET                 | 1     |                          | 15/01/2016                      | 15/01/2016 |  |            |            |
|           |                                 |              | SUKKUR                   | MAKKA PUMPING STATION       | 1     |                          | 12/01/2016                      | 12/01/2016 |  |            |            |
|           |                                 |              |                          | HYDERABAD                   | 1     |                          | 05/01/2016                      | 05/01/2016 |  |            |            |
|           |                                 |              | PAK Total                |                             |       |                          |                                 | 16         |  | 05/01/2016 | 09/03/2016 |
|           |                                 |              | Grand Total              |                             |       |                          |                                 | 128        |  | 03/01/2015 | 09/03/2016 |



**Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2016 - 10/04/2016**



**Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2016 - 10/04/2016**



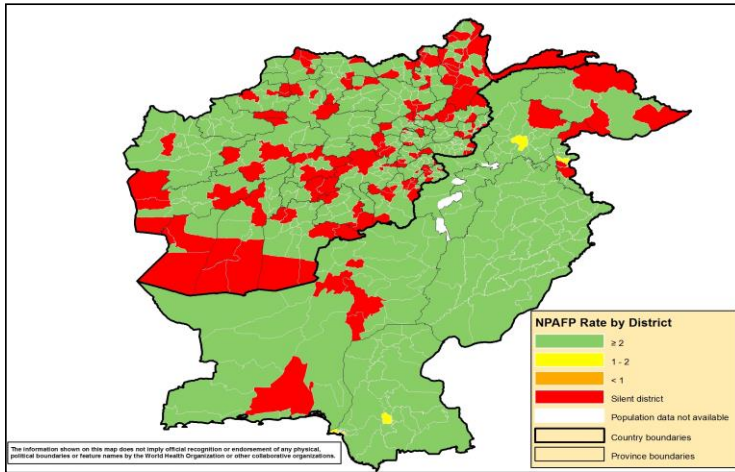
**Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2015-2016**

| Year       | COUNTRY | Count | First Case | Last Case  |
|------------|---------|-------|------------|------------|
| 2015       | PAK     | 54    | 03/01/2015 | 31/12/2015 |
|            | AFG     | 20    | 21/01/2015 | 20/12/2015 |
| 2015 Total |         | 74    | 03/01/2015 | 31/12/2015 |
| 2016       | PAK     | 8     | 17/01/2016 | 22/03/2016 |
|            | AFG     | 2     | 23/01/2016 | 01/02/2016 |
| 2016 Total |         | 10    | 17/01/2016 | 22/03/2016 |

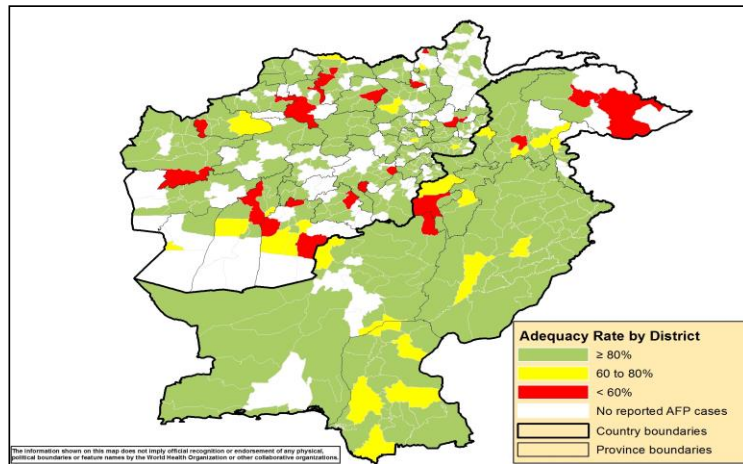
Last reported wild Polio P3 from Pakistan with date of onset 18/04/2012



**Figure 3: Non Polio AFP rate by District in Afghanistan & Pakistan 01/01/2016 - 10/04/2016**

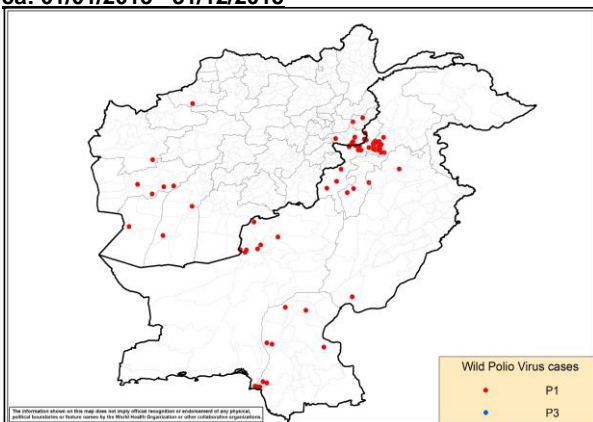


**Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan & Pakistan by District 01/01/2016 - 10/04/2016**

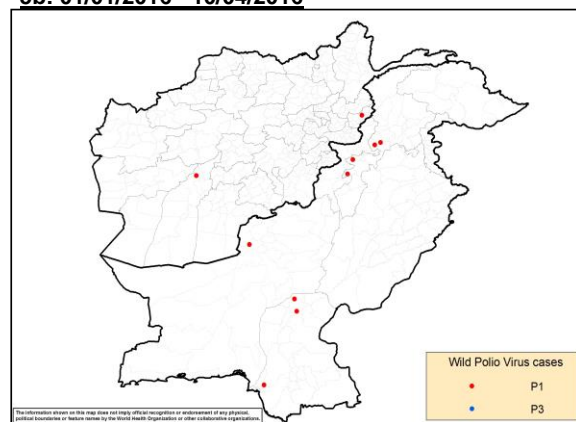


**Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan**

**5a: 01/01/2015 - 31/12/2015**



**5b: 01/01/2016 - 10/04/2016**





**Table 9: Wild Polio cases by district and date of onset of paralysis, Afghanistan 2015-2016**

| ONSETYR    | PROVINCE  | DISTRICT           | Count  | First case | Last case  |
|------------|-----------|--------------------|--------|------------|------------|
| 2015       | KANDAHAR  | SHAHWALIKOT        | 1      | 20/12/2015 | 20/12/2015 |
|            | KUNAR     | CHAPADARA          | 1      | 19/11/2015 | 19/11/2015 |
|            |           | DARA-E-PECH        | 1      | 03/11/2015 | 03/11/2015 |
|            |           | LALPUR             | 1      | 27/10/2015 | 27/10/2015 |
|            | NANGARHAR | MUHMAND DARA       | 1      | 14/10/2015 | 14/10/2015 |
|            |           | SHERZAD            | 1      | 06/09/2015 | 06/09/2015 |
|            |           | BATIKOT            | 1      | 04/09/2015 | 04/09/2015 |
|            |           | ACHIN              | 4      | 14/07/2015 | 01/09/2015 |
|            |           | FARYAB             | QAYSAR | 1          | 22/10/2015 |
|            | HILMAND   | NAHR-E-SARAJ       | 1      | 20/10/2015 | 20/10/2015 |
|            |           | REG                | 1      | 21/01/2015 | 21/01/2015 |
|            | NIMROZ    | ZARANJ             | 1      | 07/08/2015 | 07/08/2015 |
|            | HIRAT     | SHINDAND           | 1      | 27/06/2015 | 27/06/2015 |
|            | FARAH     | BALABULUK          | 1      | 07/06/2015 | 07/06/2015 |
|            |           | GULESTAN           | 2      | 23/04/2015 | 05/05/2015 |
|            |           | BAKWA              | 1      | 21/04/2015 | 21/04/2015 |
|            |           | 2015 Total         |        | 20         | 21/01/2015 |
| 2016       | KUNAR     | SHIGAL WA SHEL TAN | 1      | 01/02/2016 | 01/02/2016 |
|            | HILMAND   | NAWZAD             | 1      | 23/01/2016 | 23/01/2016 |
| 2016 Total |           |                    | 2      | 23/01/2016 | 01/02/2016 |

**Table 10: Wild Polio cases by district and date of onset of paralysis, Pakistan 2015-2016**

| ONSETYR    | PROVINCE        | DISTRICT    | Count  | First case | Last case  |
|------------|-----------------|-------------|--------|------------|------------|
| 2015       | KHYBER PAKHTOON | PESHAWAR    | 12     | 17/01/2015 | 31/12/2015 |
|            |                 | CHARSADA    | 1      | 20/04/2015 | 20/04/2015 |
|            |                 | TANK        | 2      | 03/01/2015 | 25/01/2015 |
|            |                 | LAKKIMRWT   | 1      | 07/01/2015 | 07/01/2015 |
|            |                 | NOWSHERA    | 1      | 05/01/2015 | 05/01/2015 |
|            |                 | PUNJAB      | RYKHAN | 1          | 02/12/2015 |
|            | SINDH           | CHAKWAL     | 1      | 11/09/2015 | 11/09/2015 |
|            |                 | KHIBALDIA   | 2      | 11/11/2015 | 21/11/2015 |
|            |                 | KHIGIQBAL   | 1      | 18/11/2015 | 18/11/2015 |
|            |                 | KHAIRPUR    | 1      | 02/11/2015 | 02/11/2015 |
|            |                 | KHIGADAP    | 2      | 10/10/2015 | 02/11/2015 |
|            |                 | KHIKAMARI   | 1      | 01/11/2015 | 01/11/2015 |
|            |                 | KHIGULBERG  | 1      | 14/09/2015 | 14/09/2015 |
|            |                 | DADU        | 2      | 10/02/2015 | 19/02/2015 |
|            |                 | SUKKUR      | 1      | 13/02/2015 | 13/02/2015 |
|            |                 | KAMBAR      | 1      | 04/01/2015 | 04/01/2015 |
|            |                 | BALUCHISTAN | QUETTA | 5          | 20/02/2015 |
|            | FATA            | LORALAI     | 1      | 09/02/2015 | 09/02/2015 |
|            |                 | KABDULAH    | 1      | 03/02/2015 | 03/02/2015 |
|            |                 | KHYBER      | 11     | 05/01/2015 | 14/11/2015 |
|            |                 | FR PESHAWAR | 2      | 14/09/2015 | 22/10/2015 |
|            |                 | WAZIR-S     | 2      | 07/01/2015 | 24/05/2015 |
|            |                 | WAZIR-N     | 1      | 06/05/2015 | 06/05/2015 |
| 2015 Total |                 |             | 54     | 03/01/2015 | 31/12/2015 |
| 2016       | KHYBER PAKHTOON | BANNU       | 1      | 22/03/2016 | 22/03/2016 |
|            |                 | PESHAWAR    | 1      | 12/02/2016 | 12/02/2016 |
|            |                 | HANGU       | 1      | 09/02/2016 | 09/02/2016 |
|            |                 | NOWSHERA    | 1      | 22/01/2016 | 22/01/2016 |
|            | SINDH           | SHIKARPUR   | 1      | 05/03/2016 | 05/03/2016 |
|            |                 | JACOBABAD   | 1      | 10/02/2016 | 10/02/2016 |
|            |                 | KHIGADAP    | 1      | 17/01/2016 | 17/01/2016 |
|            | BALUCHISTAN     | QUETTA      | 1      | 01/02/2016 | 01/02/2016 |
| 2016 Total |                 |             | 8      | 17/01/2016 | 22/03/2016 |

**Table 11: Circulating VDPV cases and date of onset of paralysis in EMR countries by districts 2015 - 2016**

| Year       | COUNTRY | PROVINCE        | DISTRICT | cVDPV2 Count | First Case | Last Case  |
|------------|---------|-----------------|----------|--------------|------------|------------|
| 2015       | PAK     | FATA            | KHYBER   | 1            | 09/02/2015 | 09/02/2015 |
|            |         | KHYBER PAKHTOON | HANGU    | 1            | 05/02/2015 | 05/02/2015 |
|            |         | PAK Total       |          |              | 2          | 05/02/2015 |
| 2015 Total |         |                 |          | 2            | 05/02/2015 | 09/02/2015 |