



AFP SURVEILLANCE

20-May-13

Week 20, ending 19 May 2013

Number 763

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

| Country          | Reported AFP cases by week of onset - Week (20/13) / Ending on : 19/05/13 |                |                         |                |                |                |                |                |                |                |                |                |                |                |                |
|------------------|---|----------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                  | Total AFP 2011  | Total AFP 2012 | Total AFP to date, 2013 | W 09 03 Mar 13 | W 10 10 Mar 13 | W 11 17 Mar 13 | W 12 24 Mar 13 | W 13 31 Mar 13 | W 14 07 Apr 13 | W 15 14 Apr 13 | W 16 21 Apr 13 | W 17 28 Apr 13 | W 18 05 May 13 | W 19 12 May 13 | W 20 19 May 13 |
| Afghanistan      | 1830  | 1829           | 719                     | 62             | 37             | 40             | 37             | 36             | 45             | 32             | 38             | 19             | 36             | 24             | 4              |
| Bahrain          | 10  | 19             | 3                       | 1              | 1              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |
| Djibouti         | 6   | 6              | 0                       |                |                |                |                |                |                |                |                |                |                |                |                |
| Egypt            | 1023  | 1022           | 392                     | 25             | 26             | 20             | 27             | 21             | 17             | 29             | 32             | 22             | 8              | 3              |                |
| Iran             | 603   | 689            | 255                     | 14             | 10             | 20             | 4              | 7              | 6              | 11             | 13             | 14             | 20             | 11             | 1              |
| Iraq             | 530   | 467            | 147                     | 12             | 6              | 8              | 12             | 7              | 11             | 8              | 5              | 5              | 3              |                |                |
| Jordan ****      | 30  | 34             | 10                      | 2              | 1              | 1              | 0              | 1              | 1              | 0              | 0              |                |                |                |                |
| Kuwait           | 38  | 36             | 15                      | 0              | 2              | 0              | 0              | 0              | 1              | 1              | 0              | 1              | 0              | 1              | 1              |
| Lebanon ****     | 22  | 24             | 6                       | 1              | 1              | 0              | 0              | 1              | 1              | 0              | 0              | 0              | 0              | 0              |                |
| Libya            | 35  | 42             | 27                      | 0              | 3              | 3              | 2              | 3              | 0              | 3              | 2              | 0              | 2              |                |                |
| Morocco          | 76  | 81             | 36                      | 1              | 3              | 3              | 3              | 1              | 3              | 1              | 1              | 3              | 0              | 3              |                |
| Oman             | 39  | 31             | 9                       | 0              | 1              | 1              | 0              | 0              | 3              | 1              | 0              | 0              | 0              | 0              | 0              |
| Pakistan         | 5762  | 5037           | 1288                    | 81             | 76             | 64             | 70             | 54             | 68             | 62             | 78             | 55             | 47             | 8              | 0              |
| Palestine ****   | 17  | 21             | 8                       | 0              | 0              | 1              | 0              | 0              | 1              | 0              | 0              | 0              | 0              | 2              | 1              |
| Qatar            | 6   | 13             | 3                       | 0              | 0              | 1              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |                |
| Saudi Arabia     | 213   | 227            | 83                      | 6              | 8              | 4              | 8              | 4              | 2              | 3              | 3              | 1              | 1              | 1              | 0              |
| Somalia          | 172   | 148            | 69                      | 3              | 6              | 4              | 2              | 2              | 8              | 2              | 7              | 8              | 5              | 5              | 1              |
| Sudan            | 362   | 384            | 148                     | 9              | 9              | 9              | 9              | 12             | 7              | 14             | 1              | 1              | 15             | 7              | 1              |
| South Sudan      | 341   | 326            | 123                     | 10             | 9              | 14             | 9              | 4              | 9              | 6              | 4              | 5              | 3              | 0              |                |
| Syria ****       | 168   | 109            | 35                      | 5              | 2              | 2              | 0              | 1              | 2              | 0              | 2              | 0              | 0              |                |                |
| Tunisia          | 47  | 61             | 13                      | 0              | 3              | 1              | 1              | 1              | 0              | 0              | 0              | 0              | 0              | 0              |                |
| U.A.E            | 25  | 40             | 15                      | 2              | 1              | 2              | 0              | 0              | 2              | 1              | 0              | 0              | 0              | 0              | 0              |
| Yemen            | 386   | 478            | 196                     | 5              | 7              | 8              | 12             | 12             | 9              | 10             | 11             | 10             | 7              | 9              | 2              |
| <b>Total EMR</b> | <b>11741</b>  | <b>11124</b>   | <b>3600</b>             | <b>239</b>     | <b>212</b>     | <b>206</b>     | <b>196</b>     | <b>167</b>     | <b>196</b>     | <b>184</b>     | <b>197</b>     | <b>144</b>     | <b>147</b>     | <b>74</b>      | <b>11</b>      |

No data = No report received

Table 2: Confirmed polio cases by month of onset

| Country          | Total year 2011 | Total year 2012 | 19/05     |           | Confirmed polio cases by month of onset |           |             |                |              |               |               |              |               |            |            |          |
|------------------|-----------------|-----------------|-----------|-----------|---|-----------|-------------|----------------|--------------|---------------|---------------|--------------|---------------|------------|------------|----------|
|                  |                 |                 | 2012      | 2013      | June 2012                               | July 2012 | August 2012 | September 2012 | October 2012 | November 2012 | December 2012 | January 2013 | February 2013 | March 2013 | April 2013 | May 2013 |
| Afghanistan      | 80              | 37              | 8         | 2         | 3                                       | 4         | 2           | 7              | 6            | 3             | 2             | 1            | 0             | 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            |               |            |            |          |
| Egypt            | 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             | 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             |            |            |          |
| Kuwait           | 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          |            |          |
| 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          | 0          |          |
| Pakistan         | 198             | 58              | 19        | 8         | 2                                       | 5         | 9           | 8              | 8            | 4             |               | 2            | 4             | 1          | 1          |          |
| 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            |               |            |            |          |
| Somalia          | 0               | 0               | 0         | 1         | 0                                       | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 1          |          |
| Sudan            | 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             |            |            |          |
| Syria ****       | 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          |          |
| Yemen            | 0               | 0               | 0         | 0         | 0                                       | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             |            |            |          |
| <b>Total EMR</b> | <b>278</b>      | <b>95</b>       | <b>27</b> | <b>11</b> | <b>5</b>                                | <b>9</b>  | <b>11</b>   | <b>15</b>      | <b>14</b>    | <b>7</b>      | <b>2</b>      | <b>3</b>     | <b>4</b>      | <b>2</b>   | <b>2</b>   | <b>0</b> |

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



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Table 3: Investigation of AFP cases with paralysis onset in 2012 &amp; 2013 up to Week (20/13) / Ending on : (19/05/13)

| COUNTRY      | 2012                       |                               |                  |                        |                           |      |                       |  |  |                               |                               |                    | 2013               |                            |                     |                        |                           |      |      |                                  |  |          |  |                               | Latest line List Date |
|--------------|----------------------------|-------------------------------|------------------|------------------------|---------------------------|------|-----------------------|--|--|-------------------------------|-------------------------------|--------------------|--------------------|----------------------------|---------------------|------------------------|---------------------------|------|------|----------------------------------|--|----------|--|-------------------------------|-----------------------|
|              | AFP                        |                               |                  |                        |                           |      |                       |  |  | Specimen                      | Wild cases ****               |                    | AFP                |                            |                     |                        |                           |      |      |                                  |  | Specimen | Wild cases ****  |                               |                       |
|              | Total AFP cases onset 2012 | 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 2013 | 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 |                       |
|              |                            | 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  | 1829                       | 37                            | 7                | 0                      | 1774                      | 11   | 10.3                  | 0  | 0  | 92.3                          | 37                            | 0                  | 719                | 2                          | 0                   | 90                     | 625                       | 3    | 10.3 | 4                                | 0  | 95.4     | 2  | 0                             | 19/05/2013            |
| Bahrain      | 19                         | 0                             | 0                | 0                      | 19                        | 0    | 7.0                   | 0  | 0  | 94.7                          | 0                             | 0                  | 3                  | 0                          | 0                   | 2                      | 1                         | 0    | 2.9  | 0                                | 0  | 100.0    | 0  | 0                             | 19/05/2013            |
| Djibouti     | 6                          | 0                             | 0                | 1                      | 5                         | 0    | 2.0                   | 1  | 0  | 66.7                          | 0                             | 0                  | 0                  | 0                          | 0                   | 0                      | 0                         | 0    | 0.0  | 0                                | 0  |          | 0  | 0                             | 18/02/2013            |
| Egypt        | 1022                       | 0                             | 0                | 0                      | 1021                      | 1    | 3.2                   | 0  | 0  | 91.6                          | 0                             | 0                  | 392                | 0                          | 0                   | 107                    | 285                       | 0    | 3.1  | 1                                | 0  | 89.8     | 0  | 0                             | 09/05/2013            |
| Iran         | 689                        | 0                             | 0                | 0                      | 687                       | 2    | 3.5                   | 0  | 0  | 92.5                          | 0                             | 0                  | 255                | 0                          | 0                   | 89                     | 166                       | 1    | 3.8  | 0                                | 0  | 96.1     | 0  | 0                             | 19/05/2013            |
| Iraq         | 467                        | 0                             | 0                | 0                      | 467                       | 0    | 3.2                   | 0  | 0  | 89.7                          | 0                             | 0                  | 147                | 0                          | 0                   | 31                     | 116                       | 0    | 2.7  | 5                                | 1  | 87.8     | 0  | 0                             | 11/05/2013            |
| Jordan       | 34                         | 0                             | 0                | 0                      | 34                        | 0    | 1.4                   | 0  | 0  | 85.3                          | 0                             | 0                  | 10                 | 0                          | 0                   | 6                      | 4                         | 0    | 1.1  | 0                                | 0  | 100.0    | 0  | 0                             | 21/04/2013            |
| Kuwait       | 36                         | 0                             | 0                | 0                      | 36                        | 0    | 4.7                   | 0  | 0  | 86.1                          | 0                             | 0                  | 15                 | 0                          | 0                   | 5                      | 10                        | 0    | 5.2  | 1                                | 0  | 86.7     | 0  | 0                             | 19/05/2013            |
| Lebanon      | 24                         | 0                             | 0                | 0                      | 24                        | 0    | 2.0                   | 0  | 0  | 50.0                          | 0                             | 0                  | 6                  | 0                          | 0                   | 0                      | 6                         | 0    | 1.6  | 0                                | 0  | 100.0    | 0  | 0                             | 12/05/2013            |
| Libya        | 42                         | 0                             | 0                | 0                      | 42                        | 0    | 2.1                   | 0  | 0  | 97.6                          | 0                             | 0                  | 27                 | 0                          | 0                   | 3                      | 24                        | 0    | 3.5  | 0                                | 0  | 92.6     | 0  | 0                             | 11/05/2013            |
| Morocco      | 81                         | 0                             | 0                | 0                      | 81                        | 0    | 0.8                   | 0  | 0  | 81.5                          | 0                             | 0                  | 36                 | 0                          | 0                   | 13                     | 23                        | 0    | 0.8  | 3                                | 0  | 80.6     | 0  | 0                             | 17/05/2013            |
| Oman         | 31                         | 0                             | 0                | 0                      | 31                        | 0    | 3.9                   | 0  | 0  | 100.0                         | 0                             | 0                  | 9                  | 0                          | 0                   | 0                      | 9                         | 0    | 3.0  | 0                                | 0  | 100.0    | 0  | 0                             | 19/05/2013            |
| Pakistan     | 5037                       | 58                            | 6                | 2                      | 4955                      | 16   | 6.5                   | 2  | 0  | 88.6                          | 56 #                          | 3 #                | 1288               | 8                          | 0                   | 181                    | 1096                      | 3    | 4.4  | 42                               | 3  | 92.1     | 8  | 0                             | 19/05/2013            |
| Palestine    | 21                         | 0                             | 0                | 0                      | 21                        | 0    | 1.2                   | 0  | 0  | 95.2                          | 0                             | 0                  | 8                  | 0                          | 0                   | 5                      | 3                         | 0    | 1.2  | 0                                | 0  | 100.0    | 0  | 0                             | 19/05/2013            |
| Qatar        | 13                         | 0                             | 0                | 0                      | 13                        | 0    | 5.6                   | 0  | 0  | 92.3                          | 0                             | 0                  | 3                  | 0                          | 0                   | 3                      | 0                         | 0    | 3.4  | 2                                | 0  | 100.0    | 0  | 0                             | 12/05/2013            |
| Saudi Arabia | 227                        | 0                             | 0                | 0                      | 227                       | 0    | 2.6                   | 0  | 0  | 96.0                          | 0                             | 0                  | 83                 | 0                          | 0                   | 39                     | 44                        | 0    | 2.4  | 0                                | 0  | 95.2     | 0  | 0                             | 19/05/2013            |
| Somalia      | 148                        | 0                             | 2                | 0                      | 145                       | 1    | 2.9                   | 0  | 0  | 98.0                          | 0                             | 0                  | 69                 | 1                          | 0                   | 20                     | 47                        | 1    | 3.3  | 0                                | 0  | 97.1     | 1  | 0                             | 17/05/2013            |
| Sudan        | 384                        | 0                             | 0                | 0                      | 383                       | 1    | 2.5                   | 0  | 0  | 96.9                          | 0                             | 0                  | 148                | 0                          | 0                   | 25                     | 123                       | 0    | 2.4  | 1                                | 0  | 99.3     | 0  | 0                             | 19/05/2013            |
| South Sudan  | 326                        | 0                             | 0                | 2                      | 323                       | 1    | 4.0                   | 2  | 1  | 94.2                          | 0                             | 0                  | 123                | 0                          | 0                   | 21                     | 102                       | 0    | 3.8  | 3                                | 0  | 93.5     | 0  | 0                             | 17/05/2013            |
| Syria        | 109                        | 0                             | 0                | 0                      | 109                       | 1    | 1.1                   | 0  | 0  | 84.4                          | 0                             | 0                  | 35                 | 0                          | 0                   | 6                      | 29                        | 0    | 0.9  | 3                                | 0  | 80.0     | 0  | 0                             | 08/05/2013            |
| Tunisia      | 61                         | 0                             | 0                | 0                      | 61                        | 0    | 2.4                   | 0  | 0  | 78.7                          | 0                             | 0                  | 13                 | 0                          | 0                   | 1                      | 12                        | 0    | 1.3  | 0                                | 0  | 84.6     | 0  | 0                             | 17/05/2013            |
| U.A.E        | 40                         | 0                             | 0                | 0                      | 40                        | 0    | 4.0                   | 0  | 0  | 100.0                         | 0                             | 0                  | 15                 | 0                          | 0                   | 1                      | 14                        | 0    | 3.9  | 0                                | 0  | 100.0    | 0  | 0                             | 19/05/2013            |
| Yemen        | 478                        | 0                             | 0                | 0                      | 475                       | 4    | 4.1                   | 0  | 0  | 93.1                          | 0                             | 0                  | 196                | 0                          | 0                   | 68                     | 128                       | 0    | 4.2  | 3                                | 0  | 90.8     | 0  | 0                             | 19/05/2013            |
| EMR          | 11124                      | 95                            | 15               | 5                      | 10973                     | 38   | 4.5                   | 5  | 1  | 90.5                          | 93                            | 3                  | 3600               | 11                         | 0                   | 716                    | 2867                      | 8    | 3.9  | 68                               | 4  | 92.9     | 11   | 0                             |                       |
| 2011         | 11742                      | 278                           | 45               | 0                      | 11395                     | 24   | 4.8                   | 0  | 0  | 90.0                          | 276                           | 2                  |                    |                            |                     |                        |                           |      |      |                                  |  |          |  |                               |                       |

\* 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

# In 2012, 1 AFP case in Pakistan had co infection P1 &amp; P3 from 2 contacts P1 &amp; P3



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Table 4: Investigation of contacts of AFP cases with paralysis onset in 2013 up to Week (20/13) / Ending on : (19/05/2013)

| 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             | 719              | 33  | 87.9   | 87.9                                     | 297                        | 94.6                        | 79.8  | 17.6   | 11.4                                  | 8.5   | 0                                       | 0.0   |                                    | 0   | 0   |
| Bahrain                 | 3                | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Djibouti                |                  |   |  |  |                            |                             |   |  |                                       |   | 0                                       |   |                                    |   | 0   |
| Egypt                   | 392              | 47  | 57.4   | 57.4                                     | 131                        | 73.3                        | 63.4  | 98.2   | 13.2                                  | 3.5   | 0                                       | 0.0   |                                    | 0   | 0   |
| Iran                    | 255              | 10  | 100.0  | 100.0                                    | 43                         | 53.5                        | 55.8  | 65.1   | 7.0                                   | 2.3   | 0                                       | 0.0   |                                    | 0   | 0   |
| Iraq                    | 147              | 18  | 61.1   | 50.0                                     | 48                         | 60.4                        | 4.2   | 75.6   | 8.9                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Jordan                  | 10               | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Kuwait                  | 15               | 2   | 50.0   | 50.0                                     | 25                         | 24.0                        | 76.0  | 100.0  | 16.0                                  | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Lebanon                 | 6                | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Libya                   | 27               | 2   | 0.0  | 0.0                                      | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Morocco                 | 36               | 7   | 14.3   | 14.3                                     | 5                          | 80.0                        | 0.0   | 100.0  | 20.0                                  | 40.0  | 0                                       | 0.0   |                                    | 0   | 0   |
| Oman                    | 9                | 0   |  |  | 4                          | 75.0                        | 0.0   | 100.0  | 0.0                                   | 25.0  | 0                                       | 0.0   |                                    | 0   | 0   |
| Pakistan                | 1287             | 101   | 81.2   | 77.2                                     | 303                        | 88.8                        | 64.0  | 66.8   | 17.7                                  | 10.2  | 0                                       | 0.0   |                                    | 0   | 0   |
| Palestine               | 8                | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Qatar                   | 3                | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Saudi Arabia            | 83               | 4   | 25.0   | 25.0                                     | 3                          | 0.0                         | 100.0   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Somalia                 | 69               | 2   | 100.0  | 100.0                                    | 210                        | 87.6                        | 91.9  | 17.1   | 15.8                                  | 2.7   | 3                                       | 2.1   | 1                                  | 0   | 0   |
| Sudan                   | 148              | 1   | 100.0  | 100.0                                    | 77                         | 83.1                        | 62.3  | 58.3   | 8.3                                   | 2.1   | 0                                       | 0.0   |                                    | 0   | 0   |
| South Sudan             | 123              | 8   | 87.5   | 75.0                                     | 334                        | 80.8                        | 95.2  | 1.8  | 25.5                                  | 4.3   | 0                                       | 0.0   |                                    | 0   | 0   |
| Syria                   | 35               | 7   | 14.3   | 0.0                                      | 2                          | 0.0                         | 0.0   | 100.0  | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| Tunisia                 | 13               | 2   | 0.0  | 0.0                                      | 3                          | 66.7                        | 33.3  | 66.7   | 0.0                                   | 0.0   | 0                                       | 0.0   |                                    | 0   | 0   |
| U.A.E.                  | 15               | 0   |  |  | 0                          |                             |   |  |                                       |   | 0                                       |   |                                    | 0   | 0   |
| Yemen                   | 196              | 18  | 50.0   | 22.2                                     | 115                        | 70.4                        | 73.9  | 13.8   | 11.3                                  | 2.5   | 0                                       | 0.0   |                                    | 0   | 0   |
| <b>Grand Total 2013</b> | <b>3599</b>      | <b>262</b>                                      | <b>69.5</b>                                    | <b>64.5</b>                              | <b>1600</b>                | <b>82.0</b>                 | <b>75.4</b>   | <b>38.4</b>  | <b>15.9</b>                           | <b>5.9</b>  | <b>3</b>                                | <b>0.2</b>                                    | <b>1</b>                           | <b>0</b>  | <b>0</b>  |
| <b>Grand Total 2012</b> | <b>11124</b>     | <b>1063</b>                                     | <b>83.4</b>                                    | <b>79.0</b>                              | <b>5737</b>                | <b>82.9</b>                 | <b>70.8</b>   | <b>45.0</b>  | <b>18.5</b>                           | <b>3.3</b>  | <b>10</b>                               | <b>0.2</b>                                    | <b>11</b>                          | <b>7</b>  | <b>4</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- 19/05/2013

| Year              | Country     | Data                   | Date of Most Recent stool collection |
|-------------------|-------------|------------------------|--------------------------------------|
|                   |             | Count of wild contacts |                                      |
| 2012              | Afghanistan | 3                      | 10/11/2012                           |
|                   | Pakistan    | 7                      | 08/10/2012                           |
| <b>2012 Total</b> |             | <b>10</b>              | <b>10/11/2012</b>                    |
| 2013              | SOM         | 3                      | 22/04/2013                           |
| <b>2013 Total</b> |             | <b>3</b>               | <b>22/04/2013</b>                    |



Table 5: Laboratory investigation of AFP cases with paralysis onset in 2013 up to Week (20/13) / Ending on : (19/05/2013)

| Country           | Polio 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       | 701                      | 53   | 7         | 86        | 505      | 50                  |                        | 2   | 29    |      |        |       | 18   | 3      |       | 24   |                             | 1           |        |             |                               | 11%                | 100%  | 100%                                       | 98%  | 19/05/2013 |
| Bahrain           | PNL Oman           | 3                        |  |           |           | 3        |                     |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 0%                 | 100%  |  | 100%   | 19/05/2013 |
| Djibouti          | NPL Kenya          |                          |  |           |           |          |                     |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               |                    |   |  |  | 18/02/2013 |
| Egypt***          | RRL Egypt          | 391                      | 11   | 3         | 27        | 307      | 17                  | 26                     |   | 5     |      |        |       |      |        |       | 4    |                             |             | 3      | 3           | 1                             | 8%                 | 99%   | 92%  | 99%  | 19/05/2013 |
| Iran              | NPL Iran           | 255                      | 6  |           | 3         | 222      | 24                  |                        |   | 2     |      |        |       | 1    |        | 1     |      |                             |             |        | 2           |                               | 2%                 | 100%  | 100%                                       | 99%  | 19/05/2013 |
| Iraq              | RRL Egypt          | 156                      | 4  |           | 15        | 96       | 16                  | 25                     |   | 8     |      |        | 1     |      |        | 10    |      |                             |             |        |             | 3                             | 10%                | 99%   | 100%                                       | 100%   | 18/05/2013 |
| Jordan            | RRL Tunisia        | 11                       |  |           |           |          | 11                  |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 7%                 | 100%  |  |  | 16/05/2013 |
| Kuwait            | RRL Kuwait         | 16                       |  |           | 1         | 12       | 2                   | 1                      |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 10%                | 92%   |  | 100%   | 16/05/2013 |
| Lebanon           | RRL Egypt          | 8                        |  |           |           | 8        |                     |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 0%                 | 100%  |  | 100%   | 19/05/2013 |
| Libya             | RRL Tunisia        | 28                       |  |           |           | 22       | 3                   | 3                      |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 0%                 | 100%  |  | 100%   | 17/05/2013 |
| Morocco           | RRL Tunisia        | 32                       |  |           | 4         | 23       | 4                   | 1                      |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 14%                | 96%   | 0%   | 100%   | 17/05/2013 |
| Oman              | NPL Oman           | 9                        |  |           | 1         | 8        |                     |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 27%                | 100%  |  | 100%   | 19/05/2013 |
| Pakistan          | RRL Pakistan       | 1387                     | 71   | 5         | 176       | 1006     | 129                 |                        | 8   | 26    |      |        | 13    | 3    |        | 31    |      |                             | 2           | 2      | 1           |                               | 12%                | 100%  | 97%  | 98%  | 19/05/2013 |
| Palestine & UNRWA |                    | 8                        |  |           | 2         | 3        | 3                   |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 40%                | 0%  |  | 80%  | 19/05/2013 |
| Qatar             | NPL Oman           | 3                        |  |           | 1         | 2        |                     |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 33%                | 100%  |  | 100%   | 19/05/2013 |
| Saudi Arabia      | NPL Oman           | 81                       | 1  |           |           | 78       |                     | 2                      |   |       |      |        |       |      |        | 1     |      |                             |             |        |             |                               | 0%                 | 99%   | 100%                                       | 0%   | 05/05/2013 |
| Somalia           | NPL Kenya          | 68                       | 6  |           | 12        | 31       | 9                   | 10                     | 1   | 3     |      |        | 2     |      |        | 1     |      |                             |             |        |             |                               | 24%                | 6%  |  | 98%  | 17/05/2013 |
| Sudan             | RRL Egypt          | 129                      |  |           | 17        | 107      | 3                   | 2                      |   |       |      |        |       |      |        | 2     |      |                             |             |        |             |                               | 12%                | 99%   | 100%                                       | 100%   | 19/05/2013 |
| South Sudan       | NPL Kenya          | 123                      | 3  |           | 33        | 70       | 1                   | 16                     |   | 1     |      |        |       |      |        | 2     |      |                             |             |        |             |                               | 31%                | 0%  |  | 85%  | 17/05/2013 |
| Syria             | RRL Tunisia        | 30                       |  |           | 1         | 29       |                     |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 3%                 | 96%   |  | 100%   | 09/05/2013 |
| Tunisia           | RRL Tunisia        | 14                       |  |           |           | 14       |                     |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 0%                 | 100%  |  | 100%   | 17/05/2013 |
| U.A.E             | NPL Oman           | 14                       |  |           |           | 14       |                     |                        |   |       |      |        |       |      |        |       |      |                             |             |        |             |                               | 0%                 | 100%  |  | 100%   | 19/05/2013 |
| Yemen             | RRL Egypt          | 166                      | 12   |           | 13        | 118      | 4                   | 19                     |   | 3     |      |        |       |      |        | 7     |      |                             |             |        | 3           |                               | 10%                | 100%  | 100%                                       | 93%  | 19/05/2013 |
| Total EMR 2013    |                    | 3633                     | 167  | 15        | 392       | 2689     | 265                 | 105                    | 11  | 77    |      |        | 34    | 7    |        | 83    |      |                             | 6           | 5      | 9           | 1                             | 11%                | 95%   | 98%  | 98%  |            |
| Total EMR 2012    |                    | 11002                    | 574  | 60        | 1996      | 8364     |                     | 6                      | 86  | 210   |      |        | 114   | 30   | 2      | 242   | 4    |                             | 5           | 24     | 14          |                               | 16%                | 94%   | 99%  | 97%  |            |

\* 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:

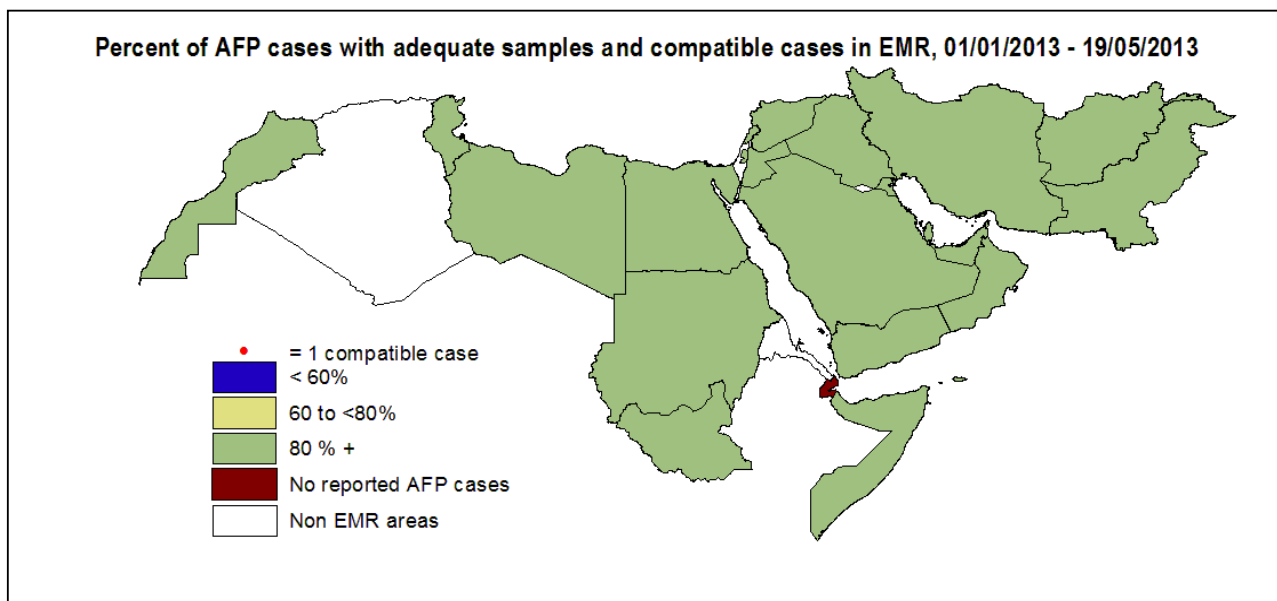
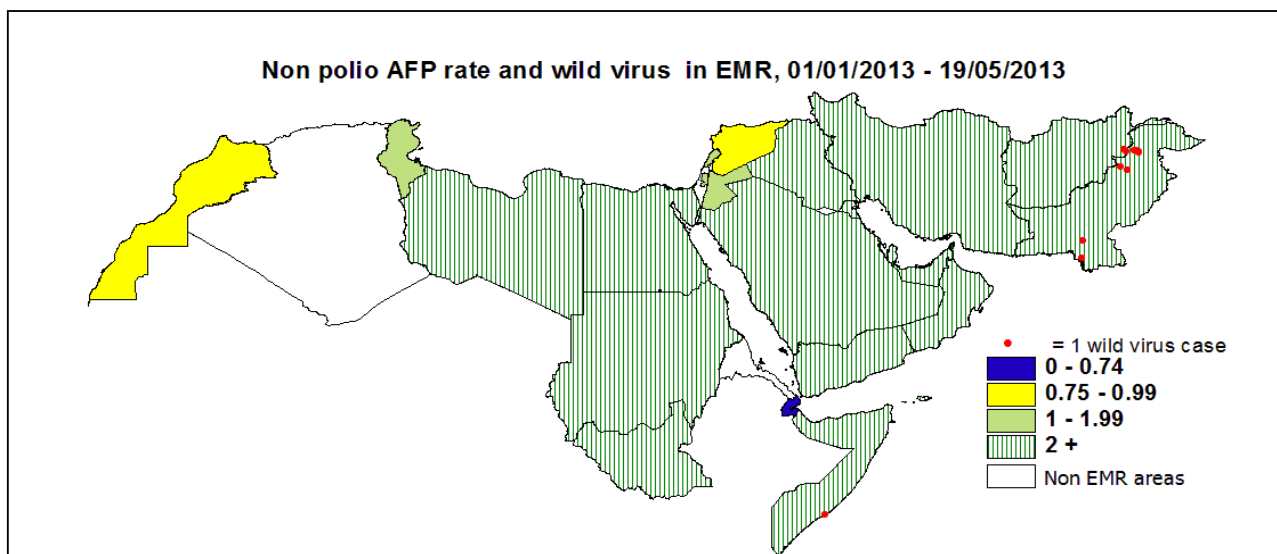
| Result   | 2010 | 2011 | 2012 | 2013 |
|----------|------|------|------|------|
| Negative | 416  | 448  | 404  | 121  |
| Pending  |      |      |      | 49   |
| Wild     |      |      | 2    |      |
| VDPVP2   |      |      | 4    |      |
| VDPVP1   |      |      | 1    |      |
| Total    | 416  | 448  | 411  | 170  |

| Year 2012    | Province   | Site         | Count | First date | Last Date  |
|--------------|------------|--------------|-------|------------|------------|
| Wild         | CAIRO      | AL HAGGANA 2 | 1     | 06/12/2012 | 06/12/2012 |
|              |            | EL SALAM     | 1     | 02/12/2012 | 02/12/2012 |
| Wild Total   |            |              | 2     | 02/12/2012 | 06/12/2012 |
| VDPVP2       | CAIRO      | AL HAGGANA 2 | 2     | 29/03/2012 | 30/05/2012 |
|              | GIZA       | MOHEET       | 1     | 27/09/2012 | 27/09/2012 |
|              | ISMALIA    | ISMALIA      | 1     | 25/11/2012 | 25/11/2012 |
| VDPVP2 Total |            |              | 4     | 29/03/2012 | 25/11/2012 |
| VDPVP1       | ALEXANDRIA | GHRAB        | 1     | 10/04/2012 | 10/04/2012 |
| VDPVP1 Total |            |              | 1     | 10/04/2012 | 10/04/2012 |

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

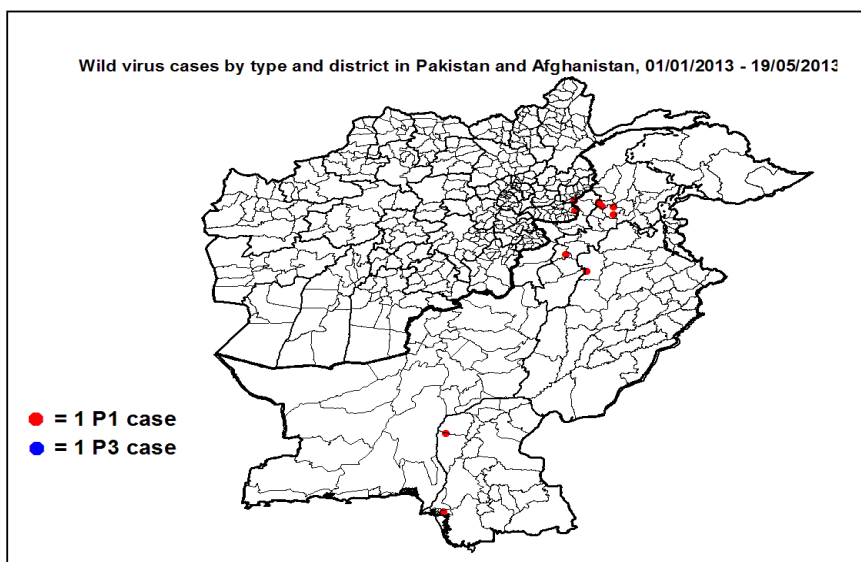
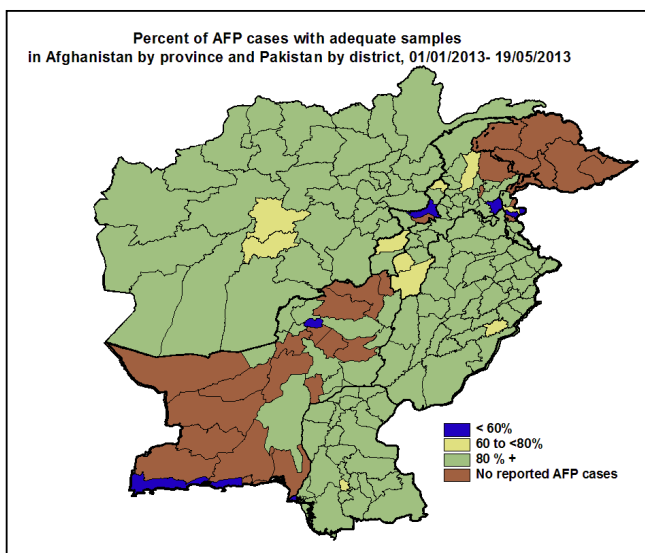
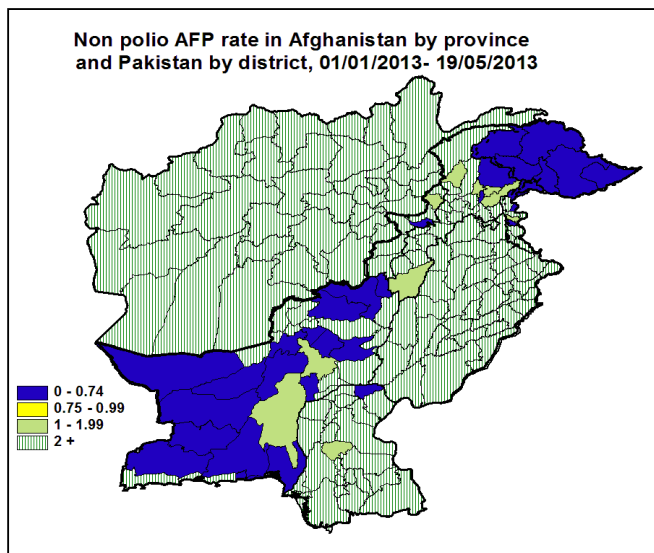
| Status      | 2009 | 2010 | 2011 | 2012 | 2013 |
|-------------|------|------|------|------|------|
| Negative    | 27   | 77   | 68   | 149  | 86   |
| pending     |      |      |      |      | 16   |
| Wild        | 18   | 79   | 136  | 89   | 16   |
| Grand Total | 45   | 156  | 204  | 238  | 118  |

| Year= | District       | Site Name                 | Count | Wild | First date | Last date  |
|-------|----------------|---------------------------|-------|------|------------|------------|
| 2013  | KHI.GADAP TOWN | COMPOSITE SAMPLE          | 1     | 1    | 11/04/2013 | 11/04/2013 |
|       |                | SOHRAB GOTH               | 1     | 1    | 29/01/2013 | 29/01/2013 |
|       | PESHAWAR       | LARA MA                   | 3     | 3    | 24/01/2013 | 26/03/2013 |
|       |                | SHAHEEN TOWN              | 4     | 1    | 11/01/2013 | 12/04/2013 |
|       | RAWALPINDI     | SAFDAR ABAD               | 1     | 1    | 25/03/2013 | 25/03/2013 |
|       | QUETTA         | SUR PUL                   | 1     | 1    | 20/02/2013 | 20/02/2013 |
|       | HYDERABAD      | TULSIDAS PUMPING STATION  | 4     | 1    | 10/01/2013 | 10/04/2013 |
|       | FAISALABAD     | FAISALABAD COMPOSITE SITE | 1     | 1    | 03/01/2013 | 03/01/2013 |
| 2013  |                |                           | 16    | 16   | 03/01/2013 | 12/04/2013 |



**Wild polio cases by country and date of onset of paralysis in EMR, 2012-2013**

| 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     | 37    | 01/01/2012 | 20/12/2012 |       |            |            |       |            |            | 37          | 01/01/2012 | 20/12/2012 |
|            | PAK     | 55    | 01/01/2012 | 30/11/2012 | 2     | 19/02/2012 | 18/04/2012 | 1     | 04/01/2012 | 04/01/2012 | 58          | 01/01/2012 | 30/11/2012 |
| 2012 Total |         | 92    | 01/01/2012 | 20/12/2012 | 2     | 19/02/2012 | 18/04/2012 | 1     | 04/01/2012 | 04/01/2012 | 95          | 01/01/2012 | 20/12/2012 |
| 2013       | AFG     | 2     | 31/01/2013 | 28/03/2013 |       |            |            |       |            |            | 2           | 31/01/2013 | 28/03/2013 |
|            | PAK     | 8     | 14/01/2013 | 24/04/2013 |       |            |            |       |            |            | 8           | 14/01/2013 | 24/04/2013 |
|            | SOM     | 1     | 18/04/2013 | 18/04/2013 |       |            |            |       |            |            | 1           | 18/04/2013 | 18/04/2013 |
| 2013 Total |         | 11    | 14/01/2013 | 24/04/2013 |       |            |            |       |            |            | 11          | 14/01/2013 | 24/04/2013 |

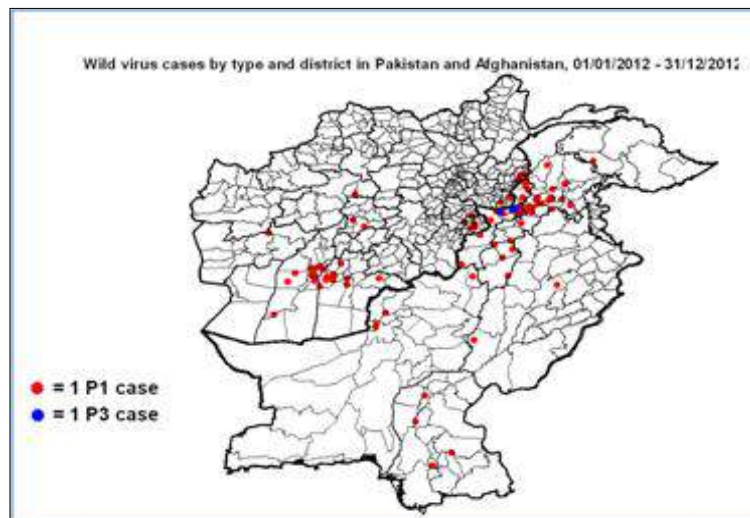
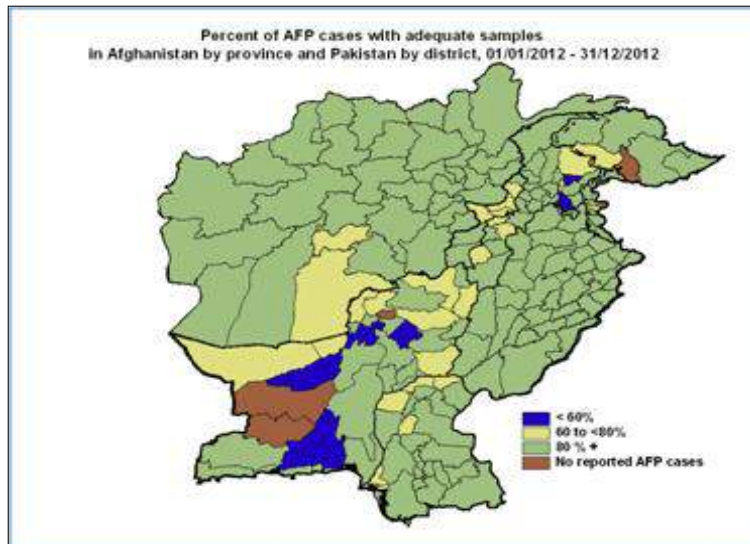


**Wild Polio cases by district and date of onset of paralysis, Afghanistan 2013**

|             |           | P1    |            |            |
|-------------|-----------|-------|------------|------------|
| PROVINCE    | DISTRICT  | Count | First case | Last case  |
| NANGARHAR   | LALPUR    | 1     | 31/01/2013 | 31/01/2013 |
| KUNAR       | KHASKUNAR | 1     | 28/03/2013 | 28/03/2013 |
| Grand Total |           | 2     | 31/01/2013 | 28/03/2013 |

**Wild Polio cases by district and date of onset of paralysis, Pakistan 2013**

|                 |             | P1    |            |            |
|-----------------|-------------|-------|------------|------------|
| PROVINCE        | DISTRICT    | Count | First case | Last case  |
| PUNJAB          | MIANWALI    | 1     | 07/02/2013 | 07/02/2013 |
| SINDH           | DADU        | 1     | 22/03/2013 | 22/03/2013 |
|                 | KHIBINQASIM | 1     | 14/01/2013 | 14/01/2013 |
| KHYBER PAKHTOON | MALAKAND    | 1     | 08/02/2013 | 08/02/2013 |
|                 | MARDAN      | 2     | 12/02/2013 | 22/04/2013 |
|                 | BANNU       | 1     | 26/01/2013 | 26/01/2013 |
| FATA            | KHYBER      | 1     | 24/04/2013 | 24/04/2013 |
| Grand Total     |             | 8     | 14/01/2013 | 24/04/2013 |







## World Health Organization – Regional Office for Eastern Mediterranean

## AFP SURVEILLANCE

20-May-13

Week 20, ending 19 May 2013

Number 763

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

| PROVINCE    | DISTRICT         | P1    |            |            |
|-------------|------------------|-------|------------|------------|
|             |                  | Count | First case | Last case  |
| NANGARHAR   | LAL PUR          | 1     | 20/12/2012 | 20/12/2012 |
|             | ACHIN            | 1     | 20/12/2012 | 20/12/2012 |
| 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 |                  | 37    | 01/01/2012 | 20/12/2012 |

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         |            |            | P1P3  |            |            | Total Count | First case | Last case  |
|------------------|------------|---------|------------|------------|------------|------------|------------|-------|------------|------------|-------------|------------|------------|
|                  |            | Count   | First case | Last case  | Count      | First case | Last case  | Count | First case | Last case  |             |            |            |
| KHYBER PAKHTOON  | LAKKIMRWT  | 3       | 16/01/2012 | 30/11/2012 |            |            |            |       |            |            | 3           | 16/01/2012 | 30/11/2012 |
|                  | 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 |
|                  | KOHAT      | 1       | 11/01/2012 | 11/01/2012 |            |            |            |       |            |            | 1           | 11/01/2012 | 11/01/2012 |
|                  | DIKHAN     | 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      |            | 55      | 01/01/2012 | 30/11/2012 | 2          | 19/02/2012 | 18/04/2012 | 1     | 04/01/2012 | 04/01/2012 | 58          | 01/01/2012 | 30/11/2012 |

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





**Circulating VDPV cases and date of onset of paralysis in EMR countries by districts  
2012-2013**

| Year       | COUNTRY        | PROVINCE    | DISTRICT     | cVDP2      |            |            | cVDP3      |            |            |
|------------|----------------|-------------|--------------|------------|------------|------------|------------|------------|------------|
|            |                |             |              | Count      | First Case | Last Case  | Count      | First Case | Last Case  |
| 2012       | AFG            | KANDAHAR    | MAYWAND      | 1          | 17/10/2012 | 17/10/2012 |            |            |            |
|            |                |             | PANJWAYI     | 2          | 30/10/2012 | 20/12/2012 |            |            |            |
|            |                |             | SPINBOLDAK   | 1          | 05/11/2012 | 05/11/2012 |            |            |            |
|            |                | HILMAND     | KAJAKI       | 1          | 02/12/2012 | 02/12/2012 |            |            |            |
|            |                |             | WASHER       | 1          | 20/12/2012 | 20/12/2012 |            |            |            |
|            |                |             | NAD-E-ALI    | 3          | 03/12/2012 | 21/12/2012 |            |            |            |
|            |                |             | NAHR-E-SARAJ | 1          | 15/11/2012 | 15/11/2012 |            |            |            |
|            |                |             | NAWZAD       | 1          | 24/12/2012 | 24/12/2012 |            |            |            |
|            |                |             | AFG Total    |            | 11         | 17/10/2012 | 24/12/2012 |            |            |
|            | PAK            | BALOCHISTAN | KABDULAH     | 15         | 30/08/2012 | 14/12/2012 |            |            |            |
|            |                |             | KHIGADAP     | 1          | 08/12/2012 | 08/12/2012 |            |            |            |
|            | PAK Total      |             | 16           | 30/08/2012 | 14/12/2012 |            |            |            |            |
|            | SOM            | LOWER JUBA  | KISMAYO      | 1          | 23/07/2012 | 23/07/2012 |            |            |            |
| SOM Total  |                | 1           | 23/07/2012   | 23/07/2012 |            |            |            |            |            |
| YEM        | HAJJAH         | HARAD       |              |            |            | 1          | 24/08/2012 | 24/08/2012 |            |
|            |                | ALHUDAIDAH  | ALZUHRA      |            |            |            | 1          | 27/04/2012 | 27/04/2012 |
| YEM Total  |                |             |              |            | 2          | 27/04/2012 | 24/08/2012 |            |            |
| 2012 Total |                |             |              | 28         | 23/07/2012 | 24/12/2012 | 2          | 27/04/2012 | 24/08/2012 |
| 2013       | AFG            | KANDAHAR    | SHAHWALIKOT  | 1          | 13/03/2013 | 13/03/2013 |            |            |            |
|            |                |             | HILMAND      | 2          | 22/01/2013 | 20/02/2013 |            |            |            |
|            | AFG Total      |             | 3            | 22/01/2013 | 13/03/2013 |            |            |            |            |
|            | PAK            | BALOCHISTAN | JAFARABAD    | 1          | 11/01/2013 | 11/01/2013 |            |            |            |
|            |                |             | KHIGADAP     | 1          | 21/02/2013 | 21/02/2013 |            |            |            |
|            |                |             | FATA         | 1          | 10/04/2013 | 10/04/2013 |            |            |            |
|            | PAK Total      |             | 3            | 11/01/2013 | 10/04/2013 |            |            |            |            |
| SOM        | LOWER SHABELLE | AFGOI       | 1            | 09/01/2013 | 09/01/2013 |            |            |            |            |
| SOM Total  |                | 1           | 09/01/2013   | 09/01/2013 |            |            |            |            |            |
| 2013 Total |                |             |              | 7          | 09/01/2013 | 10/04/2013 |            |            |            |

In 2012, 3 AFP cases in Afghanistan and 2 cases in Pakistan were identified as VDPVs by contacts

In 2013, 1 AFP case in Somalia was identified as VDPV by contact