



AFP SURVEILLANCE

23-Apr-18

Week 16, ending 22 April 2018

Number 1020

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

| Country          | Reported AFP cases by week of onset - Week (16/18) / Ending on : 21/04/2018 |                |                         |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------|---|----------------|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                  | Total AFP 2016  | Total AFP 2017 | Total AFP to date, 2018 | W05<br>04 Feb 18 | W06<br>11 Feb 18 | W07<br>18 Feb 18 | W08<br>25 Feb 18 | W09<br>04 Mar 18 | W10<br>11 Mar 18 | W11<br>18 Mar 18 | W12<br>25 Mar 18 | W13<br>01 Apr 18 | W14<br>08 Apr 18 | W15<br>15 Apr 18 | W16<br>22 Apr 18 |
| Afghanistan      | 2905  | 3094           | 1041                    | 64               | 70               | 77               | 67               | 81               | 75               | 61               | 56               | 64               | 62               | 54               | 6                |
| Bahrain          | 14  | 18             | 12                      | 4                | 1                | 2                | 2                | 0                | 0                | 1                | 0                | 0                | 0                | 0                | 0                |
| Djibouti         | 3   | 4              | 0                       | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Egypt            | 1092  | 1242           | 390                     | 22               | 14               | 41               | 35               | 34               | 29               | 37               | 30               | 25               | 11               | 0                | 0                |
| Iran             | 776   | 820            | 239                     | 19               | 12               | 18               | 10               | 21               | 11               | 8                | 7                | 13               | 15               | 2                | 0                |
| Iraq             | 605   | 699            | 300                     | 21               | 26               | 24               | 17               | 17               | 18               | 14               | 17               | 19               | 17               | 14               | 1                |
| Jordan ****      | 107   | 116            | 36                      | 0                | 2                | 4                | 0                | 2                | 2                | 0                | 4                | 1                | 2                | 4                | 2                |
| Kuwait           | 50  | 69             | 24                      | 0                | 4                | 2                | 4                | 1                | 0                | 2                | 3                | 2                | 1                | 3                | 1                |
| Lebanon ****     | 111   | 75             | 28                      | 3                | 2                | 1                | 2                | 1                | 5                | 0                | 3                | 0                | 1                | 2                | 0                |
| Libya            | 70  | 88             | 25                      | 0                | 0                | 2                | 2                | 4                | 1                | 0                | 1                | 2                | 5                | 0                | 0                |
| Morocco          | 84  | 142            | 56                      | 5                | 3                | 4                | 1                | 7                | 6                | 2                | 4                | 7                | 0                | 0                | 0                |
| Oman             | 39  | 40             | 8                       | 1                | 1                | 1                | 2                | 0                | 0                | 1                | 0                | 1                | 1                | 0                | 0                |
| Pakistan         | 7848  | 10313          | 3251                    | 198              | 250              | 239              | 207              | 216              | 207              | 232              | 198              | 204              | 230              | 94               | 6                |
| Palestine ****   | 46  | 43             | 14                      | 1                | 2                | 1                | 3                | 1                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Qatar            | 9   | 18             | 4                       | 0                | 0                | 0                | 0                | 0                | 1                | 0                | 0                | 1                | 0                | 0                | 0                |
| Saudi Arabia     | 273   | 276            | 51                      | 2                | 3                | 5                | 6                | 4                | 7                | 9                | 2                | 2                | 0                | 0                | 0                |
| Somalia          | 316   | 345            | 101                     | 3                | 12               | 11               | 7                | 12               | 4                | 5                | 7                | 5                | 4                | 5                | 0                |
| Sudan            | 509   | 570            | 171                     | 10               | 12               | 17               | 13               | 15               | 5                | 8                | 18               | 12               | 8                | 3                | 0                |
| Syria ****       | 303   | 362            | 127                     | 5                | 18               | 6                | 16               | 5                | 15               | 9                | 9                | 7                | 5                | 2                | 0                |
| Tunisia          | 90  | 67             | 20                      | 2                | 2                | 2                | 4                | 1                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| U.A.E            | 42  | 58             | 15                      | 0                | 1                | 2                | 1                | 1                | 0                | 2                | 0                | 0                | 1                | 0                | 0                |
| Yemen            | 715   | 713            | 272                     | 19               | 22               | 17               | 17               | 24               | 21               | 20               | 21               | 21               | 9                | 3                | 0                |
| <b>Total EMR</b> | <b>16007</b>  | <b>19172</b>   | <b>6185</b>             | <b>379</b>       | <b>457</b>       | <b>476</b>       | <b>416</b>       | <b>447</b>       | <b>407</b>       | <b>411</b>       | <b>380</b>       | <b>386</b>       | <b>372</b>       | <b>186</b>       | <b>16</b>        |

□ No data = No report received

Table 2: Confirmed polio cases by month of onset

| Country          | Total year 2016 | Total year 2017 | 22/04    |          | Confirmed polio cases by month of onset |           |           |             |                |              |               |               |              |               |            |            |
|------------------|-----------------|-----------------|----------|----------|---|-----------|-----------|-------------|----------------|--------------|---------------|---------------|--------------|---------------|------------|------------|
|                  |                 |                 | 2017     | 2018     | May 2017                                | June 2017 | July 2017 | August 2017 | September 2017 | October 2017 | November 2017 | December 2017 | January 2018 | February 2018 | March 2018 | April 2018 |
| Afghanistan      | 13              | 14              | 4        | 7        | 0                                       | 1         | 1         | 0           | 1              | 3            | 2             | 2             | 3            | 3             | 1          | 0          |
| Bahrain          | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Djibouti         | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Egypt            | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Iran             | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Iraq             | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Jordan ****      | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Kuwait           | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Lebanon ****     | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Libya            | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Morocco          | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Oman             | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Pakistan         | 20              | 8               | 2        | 1        | 0                                       | 1         | 0         | 2           | 0              | 0            | 3             | 0             | 0            | 0             | 1          | 0          |
| Palestine ****   | 0               | 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          | 0          |
| Saudi Arabia     | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Somalia          | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Sudan            | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Syria ****       | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Tunisia          | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| U.A.E            | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| Yemen            | 0               | 0               | 0        | 0        | 0                                       | 0         | 0         | 0           | 0              | 0            | 0             | 0             | 0            | 0             | 0          | 0          |
| <b>Total EMR</b> | <b>33</b>       | <b>22</b>       | <b>6</b> | <b>8</b> | <b>0</b>                                | <b>2</b>  | <b>1</b>  | <b>2</b>    | <b>1</b>       | <b>3</b>     | <b>5</b>      | <b>2</b>      | <b>3</b>     | <b>3</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 2017 & 2018 up to Week (16/18) / Ending on : 21/04/2018

| COUNTRY      | 2017                       |                               |                  |                        |                           |      |                       |  |  |                               |                    |                    | 2018                       |                               |                  |                        |                           |      |                                  |  |  |                               |                    |                    | Latest line List Date |          |  |  |                 |  |  |
|--------------|----------------------------|-------------------------------|------------------|------------------------|---------------------------|------|-----------------------|--|--|-------------------------------|--------------------|--------------------|----------------------------|-------------------------------|------------------|------------------------|---------------------------|------|----------------------------------|--|--|-------------------------------|--------------------|--------------------|-----------------------|----------|--|--|-----------------|--|--|
|              | AFP                        |                               |                  |                        |                           |      |                       |  |  | Specimen                      |                    |                    | Wild cases ****            |                               |                  | AFP                    |                           |      |                                  |  |  |                               |                    |                    |                       | Specimen |  |  | Wild cases **** |  |  |
|              | Total AFP cases onset 2017 | 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 2018 | 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  | 3094                       | 14                            | 0                | 8                      | 3072                      | 1    | 15.2                  | 8  | 1  | 93.6                          | 14                 | 0                  | 1041                       | 7                             | 0                | 195                    | 839                       | 0    | 16.6                             | 9  | 0  | 96.3                          | 7                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Bahrain      | 18                         | 0                             | 0                | 0                      | 18                        | 0    | 6.2                   | 0  | 0  | 100.0                         | 0                  | 0                  | 12                         | 0                             | 0                | 9                      | 3                         | 0    | 13.5                             | 1  | 0  | 83.3                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Djibouti     | 4                          | 0                             | 0                | 4                      | 0                         | 0    | 1.3                   | 4  | 4  | 100.0                         | 0                  | 0                  | 0                          | 0                             | 0                | 0                      | 0                         | 0    | 0.0                              | 0  | 0  |                               | 0                  | 0                  | 10-04-2017            |          |  |  |                 |  |  |
| Egypt        | 1242                       | 0                             | 0                | 0                      | 1240                      | 2    | 3.3                   | 0  | 0  | 94.4                          | 0                  | 0                  | 390                        | 0                             | 0                | 75                     | 315                       | 0    | 3.4                              | 3  | 0  | 94.4                          | 0                  | 0                  | 12-04-2018            |          |  |  |                 |  |  |
| Iran         | 820                        | 0                             | 0                | 0                      | 820                       | 0    | 4.3                   | 0  | 0  | 96.7                          | 0                  | 0                  | 239                        | 0                             | 0                | 24                     | 215                       | 0    | 4.0                              | 0  | 0  | 95.8                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Iraq         | 699                        | 0                             | 0                | 0                      | 699                       | 0    | 4.7                   | 0  | 0  | 86.7                          | 0                  | 0                  | 300                        | 0                             | 0                | 87                     | 213                       | 0    | 6.5                              | 7  | 0  | 90.3                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Jordan       | 116                        | 0                             | 0                | 0                      | 116                       | 0    | 4.2                   | 0  | 0  | 100.0                         | 0                  | 0                  | 36                         | 0                             | 0                | 21                     | 15                        | 0    | 4.1                              | 0  | 0  | 100.0                         | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Kuwait       | 69                         | 0                             | 0                | 1                      | 68                        | 0    | 7.5                   | 1  | 0  | 92.8                          | 0                  | 0                  | 24                         | 0                             | 0                | 5                      | 19                        | 0    | 8.5                              | 0  | 0  | 95.8                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Lebanon      | 75                         | 0                             | 0                | 0                      | 75                        | 0    | 4.0                   | 0  | 0  | 80.0                          | 0                  | 0                  | 28                         | 0                             | 0                | 5                      | 23                        | 0    | 4.9                              | 0  | 0  | 100.0                         | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Libya        | 88                         | 0                             | 0                | 0                      | 88                        | 0    | 4.3                   | 0  | 0  | 96.6                          | 0                  | 0                  | 25                         | 0                             | 0                | 9                      | 16                        | 0    | 3.2                              | 1  | 0  | 96.0                          | 0                  | 0                  | 14-04-2018            |          |  |  |                 |  |  |
| Morocco      | 142                        | 0                             | 0                | 1                      | 141                       | 0    | 1.3                   | 1  | 0  | 66.9                          | 0                  | 0                  | 56                         | 0                             | 0                | 24                     | 32                        | 0    | 2.0                              | 2  | 0  | 73.2                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Oman         | 40                         | 0                             | 0                | 0                      | 40                        | 0    | 4.5                   | 0  | 0  | 90.0                          | 0                  | 0                  | 8                          | 0                             | 0                | 3                      | 5                         | 0    | 3.0                              | 0  | 0  | 62.5                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Pakistan     | 10313                      | 8                             | 1                | 55                     | 10249                     | 0    | 13.2                  | 55   | 0  | 85.5                          | 8                  | 0                  | 3251                       | 1                             | 0                | 614                    | 2636                      | 0    | 13.6                             | 42   | 0  | 90.4                          | 1                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Palestine    | 43                         | 0                             | 0                | 0                      | 43                        | 0    | 2.3                   | 0  | 0  | 97.7                          | 0                  | 0                  | 14                         | 0                             | 0                | 7                      | 7                         | 0    | 2.4                              | 0  | 0  | 100.0                         | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Qatar        | 18                         | 0                             | 0                | 0                      | 18                        | 0    | 6.1                   | 0  | 0  | 100.0                         | 0                  | 0                  | 4                          | 0                             | 0                | 2                      | 2                         | 0    | 3.6                              | 0  | 0  | 100.0                         | 0                  | 0                  | 15-04-2017            |          |  |  |                 |  |  |
| Saudi Arabia | 276                        | 0                             | 0                | 0                      | 276                       | 0    | 3.5                   | 0  | 0  | 98.9                          | 0                  | 0                  | 51                         | 0                             | 0                | 48                     | 3                         | 0    | 2.1                              | 5  | 5  | 94.1                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Somalia      | 345                        | 0                             | 0                | 1                      | 344                       | 0    | 6.0                   | 1  | 1  | 99.1                          | 0                  | 0                  | 101                        | 0                             | 0                | 14                     | 87                        | 0    | 5.2                              | 0  | 0  | 98.0                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Sudan        | 570                        | 0                             | 0                | 0                      | 570                       | 0    | 3.2                   | 0  | 0  | 96.3                          | 0                  | 0                  | 171                        | 0                             | 0                | 25                     | 146                       | 0    | 3.1                              | 1  | 0  | 97.1                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Syria        | 362                        | 0                             | 1                | 0                      | 287                       | 44   | 4.7                   | 0  | 0  | 80.9                          | 0                  | 0                  | 127                        | 0                             | 0                | 24                     | 103                       | 0    | 5.3                              | 1  | 0  | 85.0                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Tunisia      | 67                         | 0                             | 0                | 0                      | 67                        | 0    | 2.5                   | 0  | 0  | 74.6                          | 0                  | 0                  | 20                         | 0                             | 0                | 1                      | 19                        | 0    | 2.5                              | 0  | 0  | 75.0                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| U.A.E        | 58                         | 0                             | 0                | 0                      | 58                        | 0    | 5.7                   | 0  | 0  | 96.6                          | 0                  | 0                  | 15                         | 0                             | 0                | 1                      | 14                        | 0    | 4.8                              | 0  | 0  | 100.0                         | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| Yemen        | 713                        | 0                             | 0                | 205                    | 508                       | 0    | 5.2                   | 205  | 176  | 90.2                          | 0                  | 0                  | 272                        | 0                             | 0                | 272                    | 0                         | 0    | 6.3                              | 52   | 48   | 96.3                          | 0                  | 0                  | 20-04-2018            |          |  |  |                 |  |  |
| EMR          | 19172                      | 22                            | 2                | 275                    | 18797                     | 47   | 7.7                   | 275  | 182  | 88.8                          | 22                 | 0                  | 6185                       | 8                             | 0                | 1465                   | 4712                      | 0    | 8.1                              | 124  | 53   | 92.3                          | 8                  | 0                  |                       |          |  |  |                 |  |  |
| 2016         | 16008                      | 33                            | 5                | 1                      | 15961                     | 8    | 6.4                   | 0  | 0  | 89.6                          | 33                 | 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 <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 16, ending 22 April 2018

23-Apr-18  
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**Table 4 (a):** Lab results of contacts' samples in EMR, 2017 - 2018

| COUNTRY    | 2017          |             |           |            |             |            | 2018          |             |          |            |            |            |
|------------|---------------|-------------|-----------|------------|-------------|------------|---------------|-------------|----------|------------|------------|------------|
|            | # OF CONTACTS | LAB RESULTS |           |            |             |            | # OF CONTACTS | LAB RESULTS |          |            |            |            |
|            |               | WILD        | VDPV      | SL         | NPEV        | PENDING    |               | WILD        | VDPV     | SL         | NPEV       | PENDING    |
| AFG        | 1424          | 1           | 0         | 88         | 347         | 0          | 242           | 0           | 0        | 15         | 24         | 20         |
| BAH        | 2             | 0           | 0         | 0          | 0           | 0          | 1             | 0           | 0        | 0          | 0          | 0          |
| DJI        | 0             | 0           | 0         | 0          | 0           | 0          | 0             | 0           | 0        | 0          | 0          | 0          |
| EGY        | 450           | 0           | 0         | 9          | 63          | 18         | 121           | 0           | 0        | 8          | 14         | 14         |
| IRN        | 143           | 0           | 0         | 5          | 1           | 0          | 33            | 0           | 0        | 2          | 1          | 0          |
| IRQ        | 698           | 0           | 0         | 18         | 101         | 16         | 309           | 0           | 0        | 7          | 24         | 38         |
| JOR        | 2             | 0           | 0         | 0          | 0           | 0          | 0             | 0           | 0        | 0          | 0          | 0          |
| KUW        | 8             | 0           | 0         | 0          | 0           | 2          | 0             | 0           | 0        | 0          | 0          | 0          |
| LEB        | 92            | 0           | 0         | 2          | 3           | 21         | 65            | 0           | 0        | 0          | 2          | 30         |
| LIB        | 4             | 0           | 0         | 0          | 0           | 1          | 0             | 0           | 0        | 0          | 0          | 0          |
| MOR        | 87            | 0           | 0         | 0          | 7           | 0          | 14            | 0           | 0        | 0          | 4          | 2          |
| OMA        | 115           | 0           | 0         | 1          | 24          | 1          | 24            | 0           | 0        | 0          | 4          | 0          |
| PAK        | 3751          | 2           | 0         | 234        | 895         | 0          | 1209          | 0           | 0        | 71         | 124        | 120        |
| PAL        | 0             | 0           | 0         | 0          | 0           | 0          | 0             | 0           | 0        | 0          | 0          | 0          |
| QAT        | 0             | 0           | 0         | 0          | 0           | 0          | 0             | 0           | 0        | 0          | 0          | 0          |
| SAA        | 0             | 0           | 0         | 0          | 0           | 0          | 0             | 0           | 0        | 0          | 0          | 0          |
| SOM        | 1035          | 0           | 0         | 37         | 113         | 4          | 303           | 0           | 0        | 22         | 14         | 41         |
| SUD        | 385           | 0           | 0         | 6          | 32          | 46         | 119           | 0           | 0        | 0          | 11         | 21         |
| SYR        | 570           | 0           | 63        | 3          | 11          | 0          | 237           | 0           | 0        | 0          | 1          | 16         |
| TUN        | 26            | 0           | 0         | 0          | 0           | 0          | 6             | 0           | 0        | 0          | 0          | 0          |
| UAE        | 2             | 0           | 0         | 0          | 0           | 0          | 0             | 0           | 0        | 0          | 0          | 0          |
| YEM        | 1737          | 0           | 0         | 43         | 114         | 667        | 571           | 0           | 0        | 0          | 0          | 571        |
| <b>EMR</b> | <b>10531</b>  | <b>3</b>    | <b>63</b> | <b>446</b> | <b>1711</b> | <b>776</b> | <b>3254</b>   | <b>0</b>    | <b>0</b> | <b>125</b> | <b>223</b> | <b>873</b> |

**Table 4 (B):** Most recent wild contacts in EMRO, 2017 - 2018

| Year              | Country     | Data                   |                                      |
|-------------------|-------------|------------------------|--------------------------------------|
|                   |             | Count of wild contacts | Date of Most Recent stool collection |
| 2017              | Pakistan    | 2                      | 04-12-17                             |
|                   | Afghanistan | 1                      | 21-05-17                             |
| <b>2017 Total</b> |             | <b>3</b>               | <b>04-12-17</b>                      |

**Table 4 (C):** Number and distribution by district of -ve index AFP cases identified as wild positive by contact in EMR, 2017-2018

| YEAR | COUNTRY          | PROVINCE | DISTRICT | COUNT    | First case      | Last case       |
|------|------------------|----------|----------|----------|-----------------|-----------------|
| 2017 | AFG              | HILMAND  | NAWZAD   | 1        | 16-04-17        | 16-04-17        |
|      | <b>AFG Total</b> |          |          | <b>1</b> | <b>16-04-17</b> | <b>16-04-17</b> |



**Table 5: Laboratory investigation of AFP cases with paralysis onset in 2018 up to Week (16/18) / Ending on : (21/04/2018)**

| Country               | Polio laboratories<br><br>Sequencing performed by EGY, PAK, TUN, 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+INPEV |             |              | received < / = 14 days | received > 14 days ago | Wild  | Sabin      | VDPV | Wild   | Sabin     | VDPV        | Wild   | Sabin      | VDPV       |                             |             |          |             |                    |                                |   |  |  |
| Afghanistan           | RRL Pakistan   | 912                      | 60   | 4          | 98          | 656          | 35                     | 59                     | 7   | 40         |      |        |           |             |        |            |            |                             |             |          |             | 10%                | 96%                            | 100%  | 99%  | 20/04/2018   |
| Bahrain               | PNL Oman   | 12                       |  |            |             | 11           |                        | 1                      |   |            |      |        |           |             |        |            |            |                             |             |          |             | 0%                 | 100%                           |   | 36%  | 10/04/2018   |
| Djibouti              | NPL Kenya  |                          |  |            |             |              |                        |                        |   |            |      |        |           |             |        |            |            |                             |             |          |             |                    |                                |   |  | 10/04/2017   |
| Egypt***              | RRL Egypt  | 415                      | 18   | 5          | 35          | 302          | 43                     | 13                     |   | 8          |      |        |           |             |        |            |            | 3                           |             |          |             | 9%                 | 100%                           | 100%  | 100%                                       | 20/04/2018   |
| Iran                  | NPL Iran   | 246                      | 7  |            | 3           | 220          | 15                     | 1                      |   | 5          |      |        | 1         |             |        |            |            |                             |             |          |             | 1%                 | 99%                            | 100%  | 100%                                       | 20/04/2018   |
| Iraq                  | RRL Egypt  | 300                      | 9  |            | 25          | 220          | 41                     | 5                      |   | 6          |      |        |           |             |        |            |            |                             |             |          |             | 9%                 | 100%                           | 100%  | 88%  | 20/04/2018   |
| Jordan                | RRL EGYPT  | 42                       | 2  |            | 3           | 31           | 6                      |                        |   |            |      |        |           |             |        |            |            |                             |             |          |             | 9%                 | 100%                           | 100%  | 50%  | 20/04/2018   |
| Kuwait                | RRL Kuwait   | 21                       |  |            | 2           | 13           | 1                      | 5                      |   |            |      |        |           |             |        |            |            |                             |             |          |             | 5%                 | 100%                           |   | 100%                                       | 20/04/2018   |
| Lebanon               | NPL Jordan   | 27                       | 1  |            | 2           | 23           | 1                      |                        |   |            |      |        |           |             |        |            |            |                             |             |          |             | 6%                 | 100%                           |   |  | 20/04/2018   |
| Libya                 | RRL Tunisia  | 21                       |  |            |             | 17           | 2                      | 2                      |   |            |      |        |           |             |        |            |            |                             |             |          |             | 0%                 | 100%                           |   | 94%  | 13/04/2018   |
| Morocco               | NPL Morocco  | 53                       |  |            | 1           | 41           | 1                      | 10                     |   |            |      |        |           |             |        |            |            |                             |             |          |             | 6%                 | 100%                           |   | 98%  | 20/04/2018   |
| Oman                  | NPL Oman   | 9                        |  |            | 1           | 4            |                        | 4                      |   |            |      |        |           |             |        |            |            |                             |             |          |             | 17%                | 80%                            |   | 100%                                       | 20/04/2018   |
| Pakistan              | RRL Pakistan   | 2847                     | 167  | 9          | 303         | 2089         | 55                     | 221                    | 1   | 106        |      |        |           |             |        |            |            | 1                           |             |          |             | 10%                | 99%                            | 99%   | 98%  | 20/04/2018   |
| Palestine & UNRWA     |  | 14                       |  |            | 1           | 13           |                        |                        |   |            |      |        |           |             |        |            |            |                             |             |          |             | 7%                 | 71%                            |   | 100%                                       | 20/04/2018   |
| Qatar                 | NPL Oman   | 3                        |  |            |             | 3            |                        |                        |   |            |      |        |           |             |        |            |            |                             |             |          |             | 0%                 | 67%                            |   | 100%                                       | 20/04/2018   |
| Saudi Arabia          | NPL Oman   | 52                       |  |            |             | 47           | 1                      | 4                      |   |            |      |        |           |             |        |            |            |                             |             |          |             | 0%                 | 100%                           |   |  | 20/04/2018   |
| Somalia               | NPL Kenya  | 94                       | 8  |            | 5           | 66           |                        | 15                     |   | 5          |      |        | 2         |             |        |            |            |                             |             |          |             | 6%                 | 18%                            |   | 100%                                       | 20/04/2018   |
| Sudan                 | RRL Egypt  | 150                      | 1  |            | 13          | 114          |                        | 22                     |   | 3          |      |        |           |             |        |            |            |                             |             |          |             | 11%                | 100%                           | 100%  | 100%                                       | 20/04/2018   |
| Syria                 | RRL Egypt  | 120                      | 1  |            | 1           | 97           | 7                      | 14                     |   |            |      |        |           |             |        |            |            |                             |             |          |             | 1%                 | 100%                           | 100%  | 0%   | 20/04/2018   |
| Tunisia               | RRL Tunisia  | 24                       |  |            |             | 22           | 1                      | 1                      |   |            |      |        |           |             |        |            |            |                             |             |          |             | 0%                 | 100%                           |   | 100%                                       | 13/04/2018   |
| U.A.E                 | NPL Oman   | 14                       |  |            |             | 11           |                        | 3                      |   |            |      |        |           |             |        |            |            |                             |             |          |             | 0%                 | 64%                            |   | 73%  | 10/04/2018   |
| Yemen                 | RRL Egypt  |                          |  |            |             |              |                        |                        |   |            |      |        |           |             |        |            |            |                             |             |          |             |                    |                                |   |  | 20/04/2018   |
| <b>Total EMR 2018</b> |  | <b>5376</b>              | <b>274</b>                                       | <b>18</b>  | <b>493</b>  | <b>4000</b>  | <b>209</b>             | <b>380</b>             | <b>8</b>  | <b>173</b> |      |        | <b>3</b>  |             |        |            | <b>195</b> | <b>4</b>                    |             |          |             | <b>9%</b>          | <b>97%</b>                     | <b>100%</b>                                     | <b>98%</b>                                 |  |
| <b>Total EMR 2017</b> |  | <b>18246</b>             | <b>941</b>                                       | <b>103</b> | <b>3562</b> | <b>13618</b> |                        | <b>21</b>              | <b>21</b>                                       | <b>597</b> |      |        | <b>10</b> | <b>34 *</b> |        | <b>705</b> | <b>1</b>   | <b>21</b>                   | <b>25</b>   | <b>4</b> |             | <b>16%</b>         | <b>98%</b>                     | <b>99%</b>                                      | <b>96%</b>                                 |  |

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

\* In 2017, 41 cVDPV2 were isolated from Syria by other Global Polio Laboratories Network (GPLN)

\*\* This indicator reflects surveillance and laboratory activities

Syria reported a total of 74 cVDPV2 cases in 2017 out of which 8 were identified by positive contacts



**Table 6: Environmental isolate by year and type**

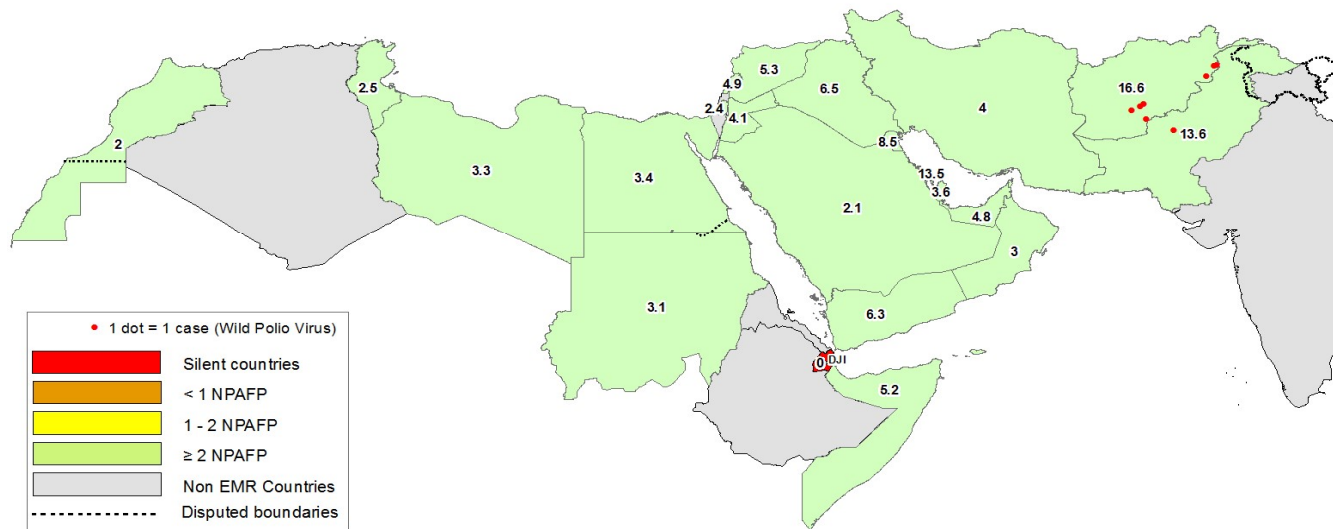
| Country            | Status       | 2015        | 2016        | 2017        | 2018       |
|--------------------|--------------|-------------|-------------|-------------|------------|
| AFG                | NEGATIVE     | 129         | 183         | 274         | 53         |
|                    | PENDING      |             |             |             | 25         |
|                    | WILD         | 20          | 2           | 42          | 14         |
| <b>AFG Total</b>   |              | <b>149</b>  | <b>185</b>  | <b>316</b>  | <b>92</b>  |
| EGY                | NEGATIVE     | 495         | 528         | 522         | 130        |
|                    | PENDING      |             |             |             | 21         |
|                    | VDPV2        | 3           | 1           |             |            |
| <b>EGY Total</b>   |              | <b>498</b>  | <b>529</b>  | <b>522</b>  | <b>151</b> |
| IRN                | NEGATIVE     |             |             | 6           | 10         |
| <b>IRN Total</b>   |              |             |             | <b>6</b>    | <b>10</b>  |
| JOR                | NEGATIVE     |             | 2           | 32          | 7          |
|                    | PENDING      |             |             |             | 4          |
| <b>JOR Total</b>   |              |             | <b>2</b>    | <b>32</b>   | <b>11</b>  |
| LEB                | NEGATIVE     |             | 4           | 27          | 4          |
|                    | PENDING      |             |             |             | 5          |
| <b>LEB Total</b>   |              |             | <b>4</b>    | <b>27</b>   | <b>9</b>   |
| PAK                | NEGATIVE     | 347         | 462         | 523         | 139        |
|                    | PENDING      |             |             |             | 26         |
|                    | WILD         | 79          | 59          | 105         | 19         |
|                    | WILD & VDPV2 | 5           | 3           | 1           |            |
|                    | VDPV2        | 8           | 5           | 4           |            |
| <b>PAK Total</b>   |              | <b>439</b>  | <b>529</b>  | <b>633</b>  | <b>184</b> |
| SOM                | NEGATIVE     |             |             | 34          | 43         |
|                    | PENDING      |             |             |             | 9          |
|                    | VDPV2        |             |             | 2           | 4          |
|                    | VDPV3        |             |             |             | 4          |
| <b>SOM Total</b>   |              |             | <b>36</b>   | <b>60</b>   |            |
| SYR                | NEGATIVE     |             | 4           | 13          |            |
|                    | PENDING      |             |             |             | 5          |
| <b>SYR Total</b>   |              |             | <b>4</b>    | <b>18</b>   |            |
| <b>Grand Total</b> |              | <b>1086</b> | <b>1249</b> | <b>1576</b> | <b>535</b> |

**Table 7: Environmental Wild/VDPV isolate by site**

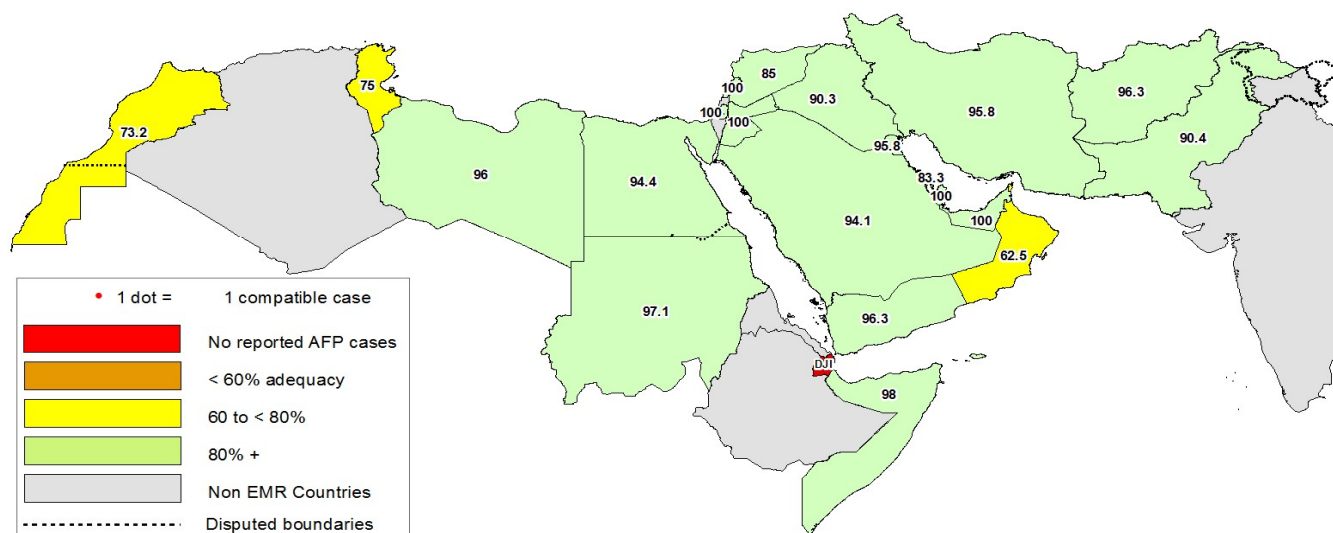
| Country            | COUNTRY          | Status    | PROVINCE    | DISTRICT           | Count         | First date    | Last date     |
|--------------------|------------------|-----------|-------------|--------------------|---------------|---------------|---------------|
| 2017               | AFG              | WILD      | HILMAND     | LASHKARGAH         | 8             | 26-Apr        | 26-Dec        |
|                    |                  |           |             | NAHR-E-SARAJ       | 1             | 25-Sep        | 25-Sep        |
|                    |                  |           |             | KABUL              | 1             | 25-Oct        | 25-Oct        |
|                    |                  |           |             | KANDAHAR           | 18            | 26-Jan        | 27-Dec        |
|                    |                  |           |             | KUNAR              | 1             | 25-Dec        | 25-Dec        |
|                    |                  |           |             | BEHSUD             | 3             | 24-Sep        | 26-Dec        |
|                    |                  |           |             | JALALABAD          | 10            | 24-Jan        | 26-Dec        |
|                    | <b>AFG Total</b> |           |             |                    | <b>42</b>     | <b>24-Jan</b> | <b>27-Dec</b> |
|                    | PAK              | WILD      | BALOCHISTAN | KABDULLAH          | 12            | 1-Jan         | 15-Oct        |
|                    |                  |           |             | LORALAI            | 3             | 17-Sep        | 17-Nov        |
|                    |                  |           |             | PISHIN             | 5             | 2-Jan         | 2-Oct         |
|                    |                  |           |             | QUETTA             | 12            | 1-Jan         | 20-Dec        |
|                    |                  |           |             | ZHOB               | 1             | 18-Dec        | 18-Dec        |
|                    |                  |           |             | CDA                | 5             | 10-Feb        | 10-Jul        |
| KHYBER PAKHTUNKHWA |                  |           |             | 8                  | 10-Jan        | 11-Dec        |               |
| LAHORE             |                  |           |             | 1                  | 18-Dec        | 18-Dec        |               |
| PUNJAB             |                  |           |             | 1                  | 9-Jan         | 9-Jan         |               |
| MULTAN             |                  |           |             | 1                  | 9-Jan         | 9-Jan         |               |
| RAWALPINDI         |                  |           |             | 8                  | 10-Jan        | 10-Oct        |               |
| SINDH              |                  |           |             | 4                  | 11-Aug        | 13-Dec        |               |
| KAMBAR             |                  |           |             | 1                  | 15-Aug        | 15-Aug        |               |
| KHIBALDIA          |                  |           |             | 2                  | 8-Aug         | 3-Nov         |               |
| KHIGADAP           |                  |           |             | 21                 | 9-Jan         | 12-Dec        |               |
| KHIGIQBAL          |                  |           |             | 6                  | 3-Feb         | 10-Oct        |               |
| KHIKORANGI         |                  |           |             | 1                  | 16-Oct        | 16-Oct        |               |
| KHILANDHI          | 7                | 16-Mar    | 14-Dec      |                    |               |               |               |
| KHISITE            | 5                | 7-Aug     | 4-Dec       |                    |               |               |               |
| SUKKUR             | 2                | 11-Apr    | 19-Sep      |                    |               |               |               |
| WILD & VDPV2       | BALOCHISTAN      | KABDULLAH | 1           | 15-Jul             | 15-Jul        |               |               |
|                    |                  | PISHIN    | 1           | 2-May              | 2-May         |               |               |
| VDPV2              | BALOCHISTAN      | QUETTA    | 3           | 3-Apr              | 29-May        |               |               |
| <b>PAK Total</b>   |                  |           |             | <b>110</b>         | <b>1-Jan</b>  | <b>20-Dec</b> |               |
| SOM                | VDPV2            | BANADIR   | WABERI      | 2                  | 22-Oct        | 2-Nov         |               |
| <b>SOM Total</b>   |                  |           |             | <b>2</b>           | <b>22-Oct</b> | <b>2-Nov</b>  |               |
| <b>2017 Total</b>  |                  |           |             | <b>154</b>         | <b>1-Jan</b>  | <b>27-Dec</b> |               |
| 2018               | AFG              | WILD      | HILMAND     | LASHKARGAH         | 1             | 8-Jan         | 8-Jan         |
|                    |                  |           |             | KABUL              | 1             | 26-Feb        | 26-Feb        |
|                    |                  |           |             | KANDAHAR           | 5             | 8-Jan         | 5-Mar         |
|                    |                  |           |             | BEHSUD             | 2             | 28-Jan        | 25-Feb        |
|                    |                  |           |             | NANGARHAR          | 5             | 27-Jan        | 24-Feb        |
|                    | <b>AFG Total</b> |           |             |                    | <b>14</b>     | <b>8-Jan</b>  | <b>5-Mar</b>  |
|                    | PAK              | WILD      | BALOCHISTAN | KABDULLAH          | 1             | 1-Jan         | 1-Jan         |
|                    |                  |           |             | LORALAI            | 1             | 17-Mar        | 17-Mar        |
|                    |                  |           |             | QUETTA             | 1             | 13-Feb        | 13-Feb        |
|                    |                  |           |             | ISLAMABAD          | 1             | 10-Jan        | 10-Jan        |
|                    |                  |           |             | KHYBER PAKHTUNKHWA | 1             | 5-Jan         | 5-Jan         |
|                    |                  |           |             | PUNJAB             | 3             | 10-Jan        | 10-Mar        |
|                    |                  |           |             | PESHAWAR           | 3             | 10-Jan        | 10-Mar        |
|                    |                  |           |             | DERA GHAZI KHAN    | 1             | 12-Feb        | 12-Feb        |
|                    |                  |           |             | RAWALPINDI         | 1             | 10-Jan        | 10-Jan        |
|                    |                  |           |             | HYDERABAD          | 1             | 9-Feb         | 9-Feb         |
|                    |                  |           |             | JACOBABAD          | 2             | 12-Feb        | 7-Mar         |
|                    |                  |           |             | KHIGADAP           | 2             | 15-Feb        | 15-Mar        |
|                    |                  |           |             | KHILANDHI          | 1             | 10-Jan        | 10-Jan        |
|                    |                  |           |             | KHISITE            | 1             | 1-Jan         | 1-Jan         |
|                    |                  |           |             | SUKKUR             | 1             | 8-Feb         | 8-Feb         |
|                    |                  |           |             | KHIUAQAT           | 1             | 7-Mar         | 7-Mar         |
| <b>PAK Total</b>   |                  |           |             |                    |               |               | <b>19</b>     |
| SOM                | VDPV2            | BANADIR   | HAMAR WEYN  | 2                  | 4-Jan         | 11-Jan        |               |
|                    |                  |           | HODAN       | 1                  | 22-Feb        | 22-Feb        |               |
|                    |                  |           | WABERI      | 1                  | 1-Mar         | 1-Mar         |               |
|                    |                  |           | HAMAR WEYN  | 3                  | 8-Mar         | 22-Mar        |               |
|                    |                  |           | WABERI      | 1                  | 8-Mar         | 8-Mar         |               |
| VDPV3              | BANADIR          | WABERI    | 1           | 8-Mar              | 8-Mar         |               |               |
| <b>SOM Total</b>   |                  |           |             | <b>8</b>           | <b>4-Jan</b>  | <b>22-Mar</b> |               |
| <b>2018 Total</b>  |                  |           |             | <b>41</b>          | <b>1-Jan</b>  | <b>22-Mar</b> |               |



**Figure 1: Non Polio AFP Rate and Wild Virus in EMR 01/01/2018 - 22/04/2018**



**Figure 2: Percent of AFP cases with Adequate Samples & Compatible Cases in EMR 01/01/2018 - 22/04/2018**



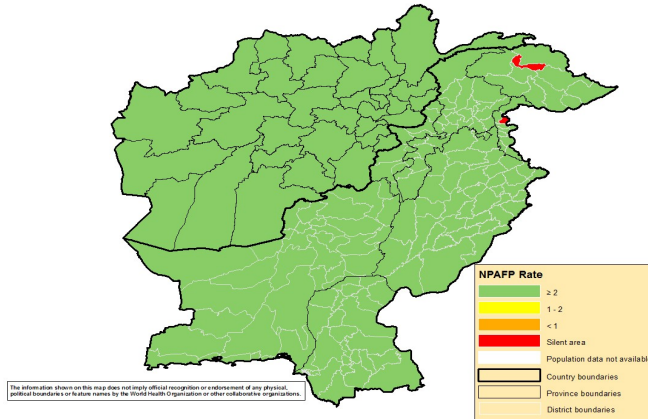
**Table 8: Wild polio cases by country and date of onset of paralysis in EMR, 2017 - 2018**

| Year       | COUNTRY | Count | First Case | Last Case |
|------------|---------|-------|------------|-----------|
| 2018       | AFG     | 7     | 01-01-18   | 03-03-18  |
|            | PAK     | 1     | 08-03-18   | 08-03-18  |
| 2018 Total |         | 8     | 01-01-18   | 08-03-18  |
| 2017       | AFG     | 14    | 13-01-17   | 28-12-17  |
|            | PAK     | 8     | 28-01-17   | 15-11-17  |
| 2017 Total |         | 22    | 13-01-17   | 28-12-17  |

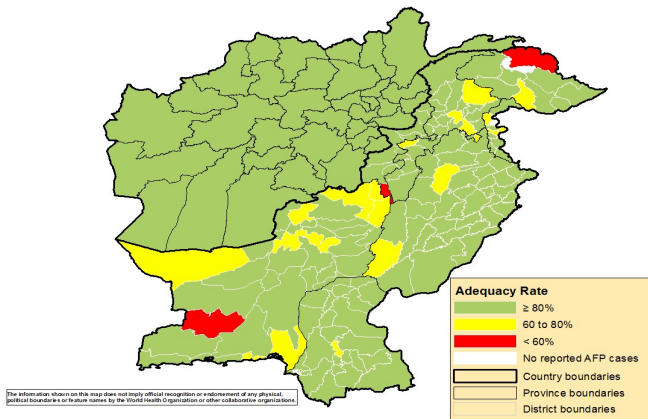
Last reported wild Polio P3 from Pakistan with date of onset 18/04/2012



**Figure 3: Non Polio AFP rate by Province in Afghanistan & by District in Pakistan 01/01/2018 - 22/04/2018**

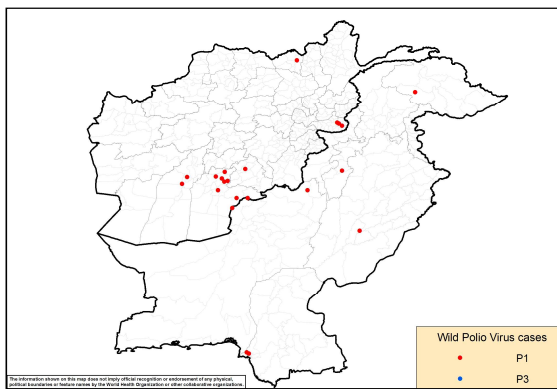


**Figure 4: Percent of AFP cases with Adequate Samples in Afghanistan by Province & Pakistan by District 01/01/2018 - 22/04/2018**

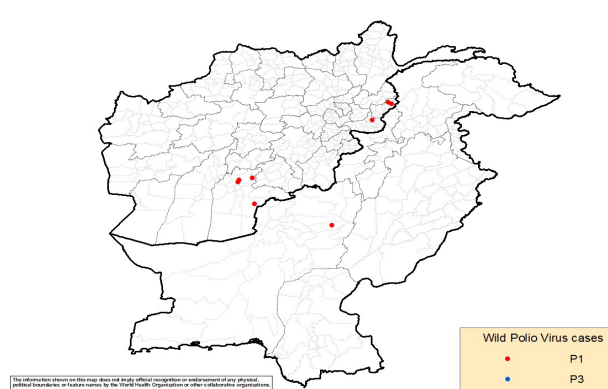


**Figure 5: Wild Virus Cases by Type & District in Afghanistan & Pakistan**

**5a: 01/01/2017 - 31/12/2017**



**5b: 01/01/2018 - 22/04/2018**







**Table 9: Wild Polio cases by district and date of onset of paralysis, Afghanistan 2017-2018**

| ONSETYR    | PROVINCE      | DISTRICT      | Count    | First case | Last case |
|------------|---------------|---------------|----------|------------|-----------|
| 2018       | KUNAR         | GHAZIABAD     | 2        | 14-02-18   | 03-03-18  |
|            |               | KANDAHAR      | 1        | 25-02-18   | 25-02-18  |
|            | KANDAHAR      | SHAHWALIKOT   | 2        | 05-01-18   | 19-02-18  |
|            |               | SPINBOLDAK    | 1        | 06-01-18   | 06-01-18  |
|            | NANGARHAR     | KAMA          | 1        | 01-01-18   | 01-01-18  |
| 2018 Total |               |               | 7        | 01-01-18   | 03-03-18  |
| 2017       | KANDAHAR      | SPINBOLDAK    | 1        | 28-12-17   | 28-12-17  |
|            |               | SHAHWALIKOT   | 5        | 19-06-17   | 03-12-17  |
|            |               | KANDAHAR      | 1        | 13-01-17   | 13-01-17  |
|            | NANGARHAR     | MUHMAND DARA  | 1        | 05-11-17   | 05-11-17  |
|            |               | BATIKOT       | 2        | 15-09-17   | 11-10-17  |
|            | ZABUL         | ARGHANDAB (Z) | 1        | 10-07-17   | 10-07-17  |
|            | HILMAND       | NAWZAD        | 1        | 16-04-17   | 16-04-17  |
|            |               | NAHR-E-SARAJ  | 1        | 21-01-17   | 21-01-17  |
| KUNDUZ     | DASHT-E-ARCHI | 1             | 21-02-17 | 21-02-17   |           |
| 2017 Total |               |               | 14       | 13-01-17   | 28-12-17  |

**Table 10: Wild Polio cases by district and date of onset of paralysis, Pakistan 2017-2018**

| ONSETYR    | PROVINCE         | DISTRICT  | Count | First case | Last case |
|------------|------------------|-----------|-------|------------|-----------|
| 2018       | BALUCHISTAN      | DUKKI     | 1     | 08-03-18   | 08-03-18  |
| 2018 Total |                  |           | 1     | 08-03-18   | 08-03-18  |
| 2017       | BALUCHISTAN      | ZHOB      | 1     | 15-11-17   | 15-11-17  |
|            |                  | KABDULAH  | 2     | 11-06-17   | 13-11-17  |
|            | SINDH            | KHIGADAP  | 1     | 09-11-17   | 09-11-17  |
|            |                  | KHIGIQBAL | 1     | 11-08-17   | 11-08-17  |
|            | KHYBER PAKHTOON  | LAKKIMRWT | 1     | 21-08-17   | 21-08-17  |
|            | GILGIT BALTISTAN | DIAMER    | 1     | 13-02-17   | 13-02-17  |
|            | PUNJAB           | LODHRAN   | 1     | 28-01-17   | 28-01-17  |
| 2017 Total |                  |           | 8     | 28-01-17   | 15-11-17  |

**Table 11: Circulating VDPV cases and date of onset of paralysis in EMR countries by districts 2017-2018**

| Year       | COUNTRY   | PROVINCE     | DISTRICT    | Count    | First Case | Last Case |
|------------|-----------|--------------|-------------|----------|------------|-----------|
| 2017       | SYR       | HOMS         | TADMOUR     | 1        | 10-07-17   | 10-07-17  |
|            |           | DEIR_AL_ZOUR | DEIR ALZOUR | 1        | 30-06-17   | 30-06-17  |
|            |           | DEIR_AL_ZOUR | BOKAMAL     | 12       | 25-06-17   | 21-09-17  |
|            |           | DEIR_AL_ZOUR | MAYADEEN    | 58       | 05-03-17   | 09-09-17  |
|            |           | RAQUA        | THAWRA      | 1        | 16-06-17   | 16-06-17  |
|            |           | RAQUA        | TALABYAD    | 1        | 25-04-17   | 25-04-17  |
|            | SYR Total |              |             | 74       | 05-03-17   | 21-09-17  |
| 2017 Total |           |              | 74          | 05-03-17 | 21-09-17   |           |





**Table 12: VDPV2 and Sabin Like 2 isolates, EMRO countries 2017 - 2018**

| Country | Source  | Poliovirus type 2 by month |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|---------|---------|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|----|----|----|----|----|--|--|--|
|         |         | 2017                       |     |     |     |     |     |     |     |     |     |     |     | 2018 |     |     |     |    |    |    |    |    |  |  |  |
|         |         | Jan                        | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan  | Feb | Mar | Apr |    |    |    |    |    |  |  |  |
|         | V2      | S2                         | V2  | S2  | V2  | S2  | V2  | S2  | V2  | S2  | V2  | S2  | V2  | S2   | V2  | S2  | V2  | S2 | V2 | S2 | V2 | S2 |  |  |  |
| AFG     | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | ENV     |                            | 1   |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| BAH     | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| DJI     | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| EGY     | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| IRN     | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| IRQ     | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| JOR     | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| KWT     | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| LEB     | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| LIB     | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| MOR     | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| OMA     | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| PAK     | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| PNA     | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| QAT     | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| SAA     | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| SUD     | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| SOM     | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| SYR     | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| TUN     | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| UAE     | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| YEM     | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| EMR     | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Contact |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | Others* |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
|         | AFP     |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| Contact |         |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |
| Others* |         |                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |    |    |    |    |    |  |  |  |

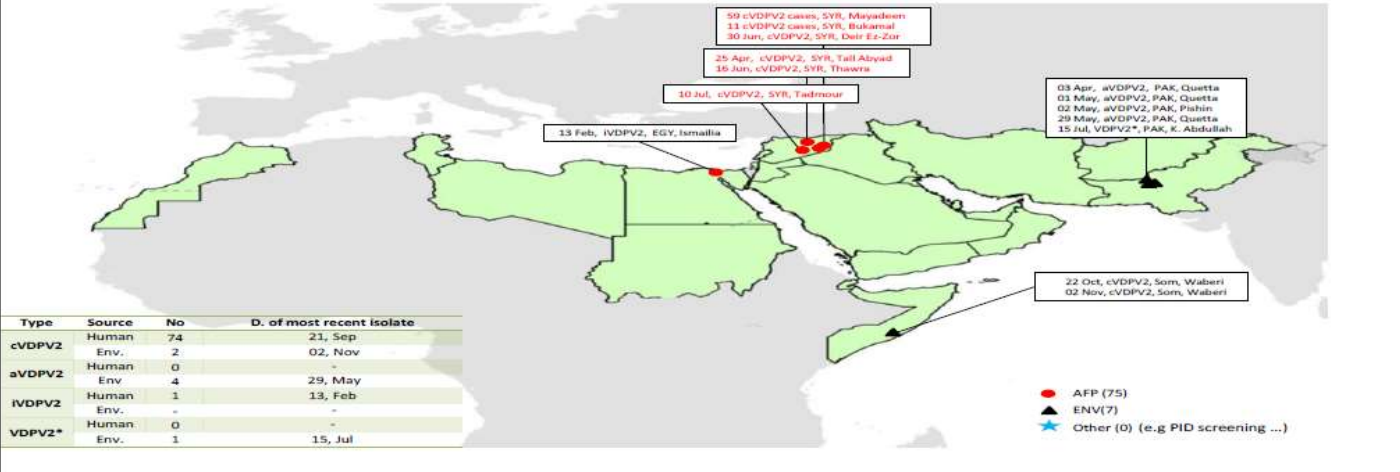
VDPV2  
 \*Other: Healthy children, PIDs  
 \*\* VDPV2 isolated from index and contact at the same time



### Sabin Like Type-2 Poliovirus Isolates (H & E) EMR, 2016-17-18



### VDPV2 isolates, EMR countries, 2017



### VDPV2 isolates, EMR countries, 2018

