



AFP SURVEILLANCE

14-Jul-14

Week 28, ending 13 July 2014

Number 823

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

| Country | Reported AFP cases by week of onset - Week (28/14) / Ending on : 13/07/14 | | | | | | | | | | | | | | |
|------------------|---|----------------|-------------------------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Total AFP 2012 | Total AFP 2013 | Total AFP to date, 2014 | W 17 27 Apr 14 | W 18 04 May 14 | W 19 11 May 14 | W 20 18 May 14 | W 21 25 May 14 | W 22 01 Jun 14 | W 23 08 Jun 14 | W 24 15 Jun 14 | W 25 22 Jun 14 | W 26 29 Jun 14 | W 27 06 Jul 14 | W 28 13 Jul 14 |
| Afghanistan | 1829 | 1897 | 1232 | 46 | 63 | 56 | 51 | 42 | 46 | 49 | 34 | 57 | 37 | 31 | 2 |
| Bahrain | 19 | 12 | 13 | 1 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| Djibouti | 6 | 7 | 0 | | | | | | | | | | | | |
| Egypt | 1022 | 1007 | 530 | 18 | 23 | 27 | 17 | 17 | 12 | 19 | 18 | 22 | 17 | 17 | |
| Iran | 689 | 708 | 417 | 15 | 19 | 20 | 30 | 31 | 18 | 27 | 14 | 15 | 10 | 6 | 0 |
| Iraq | 467 | 444 | 353 | 15 | 22 | 21 | 17 | 21 | 19 | 14 | 12 | 6 | 11 | 3 | |
| Jordan **** | 34 | 35 | 19 | 1 | 1 | 1 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | | |
| Kuwait | 36 | 39 | 12 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | |
| Lebanon **** | 24 | 33 | 19 | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | |
| Libya | 42 | 58 | 28 | 1 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | |
| Morocco | 81 | 106 | 62 | 1 | 6 | 1 | 2 | 2 | 2 | 3 | 3 | 0 | 0 | | |
| Oman | 31 | 20 | 11 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 0 | 1 | 1 | 0 | 0 |
| Pakistan | 5036 | 4789 | 2340 | 86 | 109 | 109 | 108 | 112 | 106 | 83 | 80 | 60 | 28 | 8 | 1 |
| Palestine **** | 21 | 38 | 12 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Qatar | 13 | 8 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| Saudi Arabia | 227 | 220 | 110 | 5 | 4 | 6 | 7 | 4 | 5 | 3 | 5 | 4 | 1 | 0 | 0 |
| Somalia | 148 | 546 | 244 | 8 | 7 | 10 | 8 | 7 | 17 | 13 | 11 | 6 | 3 | 1 | |
| Sudan | 384 | 410 | 204 | 13 | 3 | 11 | 7 | 12 | 7 | 8 | 10 | 8 | 7 | 5 | 0 |
| South Sudan | 326 | 294 | 0 | South Sudan has now moved to the African Region starting October 2013 | | | | | | | | | | | |
| Syria **** | 109 | 180 | 132 | 4 | 5 | 6 | 7 | 2 | 2 | 5 | 4 | 4 | 4 | 1 | |
| Tunisia | 61 | 43 | 22 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | |
| U.A.E | 40 | 31 | 10 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | |
| Yemen | 475 | 614 | 287 | 6 | 8 | 11 | 6 | 9 | 1 | 10 | 3 | 11 | 8 | 3 | 0 |
| Total EMR | 11120 | 11539 | 6062 | 224 | 276 | 287 | 269 | 264 | 243 | 238 | 198 | 197 | 131 | 78 | 3 |

No data = No report received

Table 2: Confirmed polio cases by month of onset

| Country | Total year 2012 | Total year 2013 | 13/07 | | Confirmed polio cases by month of onset | | | | | | | | | | | | | |
|------------------|-----------------|-----------------|------------|------------|---|----------------|--------------|---------------|---------------|--------------|---------------|------------|------------|-----------|-----------|----------|--|--|
| | | | 2013 | 2014 | August 2013 | September 2013 | October 2013 | November 2013 | December 2013 | January 2014 | February 2014 | March 2014 | April 2014 | May 2014 | Jun 2014 | Jul 2014 | | |
| Afghanistan | 37 | 14 | 3 | 8 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 1 | 0 | 1 | 2 | 2 | | |
| 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 | | | | | | | |
| Egypt | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Iran | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Iraq | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | | | | |
| Jordan **** | 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 | | | | |
| 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 | | | | |
| Pakistan | 58 | 93 | 24 | 94 | 8 | 19 | 14 | 10 | 17 | 17 | 18 | 14 | 17 | 16 | 12 | | | |
| 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 | | | | |
| Saudi Arabia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Somalia | 0 | 194 | 142 | 4 | 20 | 7 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | | | |
| Sudan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| South Sudan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | |
| Syria **** | 0 | 35 | 0 | 1 | 0 | 7 | 15 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | | | | |
| Tunisia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| U.A.E | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Yemen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Total EMR | 95 | 336 | 169 | 109 | 30 | 36 | 31 | 24 | 23 | 20 | 20 | 14 | 19 | 20 | 16 | 0 | | |

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



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Table 3: Investigation of AFP cases with paralysis onset in 2013 & 2014 up to Week (28/14) / Ending on : (13/07/2014)

| COUNTRY | 2013 | | | | | | | | | | | 2014 | | | | | | | | | | | Latest line List Date | | |
|--------------|----------------------------|-------------------------------|------------------|------------------------|---------------------------|------|-----------------------|--|--|-------------------------------|--------------------|--------------------|---|-------------------------------|------------------|------------------------|---------------------------|------|----------------------------------|--|--|-------------------------------|-----------------------|--------------------|--------------------|
| | AFP | | | | | | | | | Specimen | Wild cases **** | | AFP | | | | | | | | | Specimen | | Wild cases **** | |
| | Total AFP cases onset 2013 | 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 2014 | 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 | 1897 | 14 | 4 | 0 | 1875 | 4 | 9.9 | 0 | 0 | 93.0 | 14 | 0 | 1232 | 8 | 0 | 129 | 1095 | 0 | 12.2 | 4 | 0 | 93.1 | 8 | 0 | 13/07/2014 |
| Bahrain | 12 | 0 | 0 | 0 | 12 | 0 | 4.4 | 0 | 0 | 91.7 | 0 | 0 | 13 | 0 | 0 | 5 | 8 | 0 | 9.0 | 0 | 0 | 100.0 | 0 | 0 | 13/07/2014 |
| Djibouti | 7 | 0 | 0 | 2 | 5 | 0 | 2.4 | 2 | 0 | 85.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | | 0 | 0 | 25/03/2014 | |
| Egypt | 1007 | 0 | 0 | 0 | 1007 | 0 | 3.0 | 0 | 0 | 92.5 | 0 | 0 | 530 | 0 | 0 | 76 | 453 | 1 | 2.9 | 2 | 0 | 90.9 | 0 | 0 | 10/07/2014 |
| Iran | 708 | 0 | 0 | 0 | 707 | 1 | 4.0 | 0 | 0 | 95.8 | 0 | 0 | 417 | 0 | 0 | 181 | 236 | 0 | 4.3 | 0 | 0 | 96.9 | 0 | 0 | 13/07/2014 |
| Iraq | 444 | 0 | 0 | 0 | 444 | 0 | 3.1 | 0 | 0 | 84.2 | 0 | 0 | 353 | 2 | 0 | 43 | 308 | 0 | 4.5 | 6 | 0 | 89.5 | 2 | 0 | 11/07/2014 |
| Jordan | 35 | 0 | 0 | 0 | 35 | 0 | 1.4 | 0 | 0 | 91.4 | 0 | 0 | 19 | 0 | 0 | 10 | 9 | 0 | 1.4 | 0 | 0 | 100.0 | 0 | 0 | 29/06/2014 |
| Kuwait | 39 | 0 | 0 | 0 | 39 | 0 | 5.1 | 0 | 0 | 94.9 | 0 | 0 | 12 | 0 | 0 | 2 | 10 | 0 | 2.7 | 0 | 0 | 100.0 | 0 | 0 | 06/07/2014 |
| Lebanon | 33 | 0 | 0 | 0 | 33 | 0 | 2.2 | 0 | 0 | 45.5 | 0 | 0 | 19 | 0 | 0 | 7 | 12 | 0 | 1.9 | 0 | 0 | 57.9 | 0 | 0 | 11/07/2014 |
| Libya | 58 | 0 | 0 | 0 | 58 | 0 | 2.8 | 0 | 0 | 93.1 | 0 | 0 | 28 | 0 | 0 | 2 | 26 | 0 | 2.5 | 0 | 0 | 100.0 | 0 | 0 | 12/07/2014 |
| Morocco | 106 | 0 | 0 | 0 | 106 | 0 | 1.0 | 0 | 0 | 73.6 | 0 | 0 | 62 | 0 | 0 | 26 | 36 | 0 | 1.1 | 15 | 0 | 67.7 | 0 | 0 | 04/07/2014 |
| Oman | 20 | 0 | 0 | 0 | 20 | 0 | 2.5 | 0 | 0 | 95.0 | 0 | 0 | 11 | 0 | 0 | 2 | 9 | 0 | 2.6 | 0 | 0 | 90.9 | 0 | 0 | 13/07/2014 |
| Pakistan | 4789 | 93 | 23 | 0 | 4625 | 48 | 6.0 | 0 | 0 | 88.8 | 93 | 0 | 2340 | 94 | 0 | 188 | 2039 | 20 | 5.4 | 55 | 5 | 90.9 | 94 | 0 | 13/07/2014 |
| Palestine | 38 | 0 | 0 | 0 | 38 | 0 | 2.2 | 0 | 0 | 94.7 | 0 | 0 | 12 | 0 | 0 | 3 | 9 | 0 | 1.3 | 0 | 0 | 100.0 | 0 | 0 | 13/07/2014 |
| Qatar | 8 | 0 | 0 | 0 | 8 | 0 | 3.4 | 0 | 0 | 100.0 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 3.1 | 0 | 0 | 100.0 | 0 | 0 | 13/07/2014 |
| Saudi Arabia | 220 | 0 | 0 | 0 | 220 | 0 | 2.4 | 0 | 0 | 96.4 | 0 | 0 | 110 | 0 | 0 | 37 | 73 | 0 | 2.3 | 0 | 0 | 95.5 | 0 | 0 | 13/07/2014 |
| Somalia | 546 | 194 | 15 | 0 | 336 | 1 | 6.4 | 0 | 0 | 86.8 | 194 | 0 | 244 | 4 | 0 | 23 | 217 | 0 | 8.0 | 2 | 0 | 95.9 | 4 | 0 | 12/07/2014 |
| Sudan | 410 | 0 | 0 | 0 | 409 | 1 | 2.6 | 0 | 0 | 97.6 | 0 | 0 | 204 | 0 | 0 | 20 | 184 | 0 | 2.3 | 0 | 0 | 97.5 | 0 | 0 | 13/07/2014 |
| South Sudan | 294 | 0 | 0 | 0 | 294 | 0 | 3.5 | 0 | 0 | 93.5 | 0 | 0 | South Sudan has now moved to African Region starting October 2013 | | | | | | | | | | 02/07/2014 | | |
| Syria | 180 | 35 | 12 | 0 | 133 | 0 | 1.7 | 0 | 0 | 67.2 | 35 | 0 | 132 | 1 | 0 | 12 | 119 | 0 | 3.2 | 1 | 0 | 90.2 | 1 | 0 | 10/07/2014 |
| Tunisia | 43 | 0 | 0 | 0 | 43 | 0 | 1.6 | 0 | 0 | 74.4 | 0 | 0 | 22 | 0 | 0 | 2 | 20 | 0 | 1.6 | 0 | 0 | 86.4 | 0 | 0 | 11/07/2014 |
| U.A.E | 31 | 0 | 0 | 0 | 31 | 0 | 3.1 | 0 | 0 | 100.0 | 0 | 0 | 10 | 0 | 0 | 3 | 7 | 0 | 1.9 | 0 | 0 | 100.0 | 0 | 0 | 09/07/2014 |
| Yemen | 614 | 0 | 0 | 0 | 613 | 1 | 5.1 | 0 | 0 | 91.4 | 0 | 0 | 287 | 0 | 0 | 33 | 254 | 0 | 4.5 | 0 | 0 | 95.1 | 0 | 0 | 13/07/2014 |
| EMR | 11539 | 336 | 54 | 2 | 11091 | 56 | 4.6 | 2 | 0 | 90.2 | 336 | 0 | 6062 | 109 | 0 | 809 | 5124 | 21 | 4.5 | 85 | 5 | 92.2 | 109 | 0 | |
| 2012 | 11120 | 95 | 15 | 0 | 10973 | 40 | 4.5 | 0 | 0 | 90.6 | 93 # | 3 # | | | | | | | | | | | | | |

* 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

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



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Table 4: Investigation of contacts of AFP cases with paralysis onset in 2014 up to Week (28/14) / Ending on : (13/07/2014)

| 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 | 1232 | 85 | 84.7 | 84.7 | 565 | 96.1 | 68.8 | 30.4 | 24.5 | 5.1 | 0 | 0.0 | | 0 | 0 |
| Bahrain | 13 | 0 | | | 0 | | | | | | 0 | | | 0 | 0 |
| Djibouti | | | | | | | | | | | 0 | | | | 0 |
| Egypt | 530 | 52 | 65.4 | 65.4 | 188 | 87.8 | 50.5 | 98.3 | 11.6 | 0.0 | 0 | 0.0 | | 0 | 0 |
| Iran | 417 | 13 | 92.3 | 84.6 | 61 | 73.8 | 42.6 | 65.6 | 1.6 | 9.8 | 0 | 0.0 | | 0 | 0 |
| Iraq | 353 | 37 | 75.7 | 51.4 | 163 | 61.3 | 11.7 | 75.7 | 10.1 | 4.7 | 1 | 0.7 | | 0 | 0 |
| Jordan | 19 | 0 | | | 0 | | | | | | 0 | | | 0 | 0 |
| Kuwait | 12 | 0 | | | 21 | 33.3 | 100.0 | 100.0 | 16.7 | 8.3 | 0 | 0.0 | | 0 | 0 |
| Lebanon | 19 | 8 | 62.5 | 50.0 | 16 | 25.0 | 75.0 | 7.7 | 15.4 | 0.0 | 0 | 0.0 | | 0 | 0 |
| Libya | 28 | 0 | | | 0 | | | | | | 0 | | | 0 | 0 |
| Morocco | 62 | 20 | 35.0 | 35.0 | 44 | 38.6 | 54.5 | 72.2 | 2.8 | 0.0 | 0 | 0.0 | | 0 | 0 |
| Oman | 11 | 1 | 0.0 | 0.0 | 32 | 84.4 | 68.8 | 100.0 | 17.4 | 8.7 | 0 | 0.0 | | 0 | 0 |
| Pakistan | 2340 | 213 | 69.5 | 62.9 | 550 | 86.5 | 59.3 | 71.4 | 21.4 | 6.2 | 4 | 0.8 | 2 | 1 | 0 |
| Palestine | 12 | 0 | | | 0 | | | | | | 0 | | | 0 | 0 |
| Qatar | 5 | 0 | | | 0 | | | | | | 0 | | | 0 | 0 |
| Saudi Arabia | 110 | 5 | 60.0 | 60.0 | 9 | 100.0 | 33.3 | 100.0 | 0.0 | 0.0 | 0 | 0.0 | | 0 | 0 |
| Somalia | 244 | 10 | 50.0 | 50.0 | 539 | 92.4 | 95.5 | 20.9 | 6.1 | 5.4 | 0 | 0.0 | | 0 | 0 |
| Sudan | 204 | 5 | 100.0 | 100.0 | 120 | 82.5 | 69.2 | 38.0 | 10.0 | 4.0 | 0 | 0.0 | | 0 | 0 |
| South Sudan | South Sudan has now moved to African Region starting October 2013 | | | | | | | | | | | | | | |
| Syria | 132 | 13 | 69.2 | 30.8 | 190 | 30.5 | 86.8 | 54.5 | 2.3 | 4.5 | 0 | 0.0 | | 0 | 0 |
| Tunisia | 22 | 3 | 33.3 | 0.0 | 9 | 33.3 | 66.7 | 100.0 | 12.5 | 0.0 | 0 | 0.0 | | 0 | 0 |
| U.A.E. | 10 | 0 | | | 0 | | | | | | 0 | | | 0 | 0 |
| Yemen | 287 | 14 | 100.0 | 100.0 | 816 | 55.0 | 79.3 | 12.9 | 11.7 | 3.0 | 0 | 0.0 | | 0 | 0 |
| Grand Total 2014 | 6062 | 479 | 71.6 | 65.1 | 3323 | 75.2 | 70.8 | 41.8 | 13.9 | 4.5 | 5 | 0.2 | 2 | 1 | 0 |
| Grand Total 2013 | 11539 | 1148 | 77.5 | 72.1 | 8052 | 79.5 | 73.6 | 37.8 | 17.1 | 5.9 | 316 | 4.3 | 2 | 57 | 20 |

* 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, 01/01/2013- 13/07/2014

| Year | Country | Data | Date of Most Recent stool collection |
|-------------------|-------------------|------------------------|--------------------------------------|
| | | Count of wild contacts | |
| 2013 | Syria | 3 | 04/02/2014 |
| | Afghanistan | 1 | 01/01/2014 |
| | Pakistan | 7 | 21/12/2013 |
| | Somalia | 305 | 30/11/2013 |
| | 2013 Total | | 316 |
| 2014 | Pakistan | 4 | 11/04/2014 |
| | IRQ | 1 | 26/02/2014 |
| 2014 Total | | 5 | 11/04/2014 |

Number and distribution by district of -ve index AFP cases identified as wild positive by contact in EMR, 2014

| COUNTRY | PROVINCE | DISTRICT | Count | First case | Last case |
|--------------------|-----------------|----------|----------|-------------------|-------------------|
| PAK | KHYBER PAKHTOON | BANNU | 1 | 03/03/2014 | 03/03/2014 |
| PAK Total | | | 1 | 03/03/2014 | 03/03/2014 |
| Grand Total | | | 1 | 03/03/2014 | 03/03/2014 |



Table 5: Laboratory investigation of AFP cases with paralysis onset in 2014 up to Week (28/14) / Ending on : (13/07/2014)

| Country | Polio laboratories Sequencing performed by CDC and RIVM laboratories | AFP cases with specimens | Preliminary virus isolation results of AFP cases | | | | | | Poliovirus intratypic differentiation results # | | | | | | | | | | Indicators | | | | Latest report Date | | | |
|-----------------------|---|---|--|------------|-----------|----------|------------------------|------------------------|---|-------|-----|--------|-------|-----|--------|-------|-----|-----------------------------|-------------|--------|-------------|--------------------------------|--------------------|---|--|--|
| | | | Referred for ITD | | NPEV only | Negative | Pending | | Type 1 | | | Type 2 | | | Type 3 | | | Discordant pending sequence | NPEV by PCR | Non-EV | Pending ITD | % specimens positive for NPEV* | | % AFP cases with culture results within 14 days | % AFP cases with ITD results within 7 days | % AFP cases with ITD results within 45 days of onset** |
| | | | L20B+ | L20B+/NPEV | | | received < / = 14 days | received > 14 days ago | Wild | Sabin | VPV | Wild | Sabin | VPV | Wild | Sabin | VPV | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Afghanistan | RRL Pakistan | 1204 | 80 | 6 | 206 | 846 | 66 | | 8 | 47 | | | 16 | | | 34 | | 1 | | | | 17% | 100% | 99% | 98% | 12/07/2014 |
| Bahrain | PNL Oman | 12 | | | 4 | 8 | | | | | | | | | | | | | | | | 33% | 100% | | 92% | 14/07/2014 |
| Djibouti | NPL Kenya | | | | | | | | | | | | | | | | | | | | | | | | | 25/03/2014 |
| Egypt*** | RRL Egypt | 515 | 20 | 5 | 68 | 389 | 27 | 6 | | 11 | | 5 | 1 | | 11 | | | 3 | 1 | | | 12% | 100% | 96% | 100% | 13/07/2014 |
| Iran | NPL Iran | 424 | 8 | | 10 | 387 | 18 | 1 | | 3 | | 1 | | | 2 | | | 2 | | | | 2% | 100% | 100% | 99% | 12/07/2014 |
| Iraq | RRL Egypt | 351 | 22 | | 50 | 262 | 13 | 4 | 2 | 7 | | 3 | | | 11 | | | | | | | 14% | 100% | 100% | 83% | 12/07/2014 |
| Jordan | RRL Tunisia | 24 | | | 2 | 22 | | | | | | | | | | | | | | | | 11% | 100% | | | 13/07/2014 |
| Kuwait | RRL Kuwait | 10 | | | | 7 | | 3 | | | | | | | | | | | | | | 7% | 100% | | 100% | 11/05/2014 |
| Lebanon | RRL Egypt | 20 | | | | 16 | 2 | 2 | | | | | | | | | | | | | | 5% | 100% | | 94% | 13/07/2014 |
| Libya | RRL Tunisia | 28 | | | 2 | 24 | 2 | | | | | | | | | | | | | | | 8% | 100% | | 100% | 11/07/2014 |
| Morocco | RRL Tunisia | 54 | 2 | | 4 | 45 | 3 | | | 2 | | 2 | | | 2 | | | | | | | 6% | 100% | 50% | 92% | 11/07/2014 |
| Oman | NPL Oman | 10 | | | 2 | 7 | 1 | | | | | | | | | | | | | | | 19% | 100% | | 100% | 14/07/2014 |
| Pakistan | RRL Pakistan | 2497 | 229 | 25 | 470 | 1650 | 123 | | 93 | 67 | | 41 | 18 | | 70 | | | 2 | 2 | | | 18% | 100% | 99% | 98% | 12/07/2014 |
| Palestine & UNRWA | | 12 | | | 2 | 9 | 1 | | | | | | | | | | | | | | | 18% | 0% | | 100% | 13/07/2014 |
| Qatar | NPL Oman | 5 | | | | 4 | 1 | | | | | | | | | | | | | | | 0% | 100% | | 100% | 14/07/2014 |
| Saudi Arabia | NPL Oman | 113 | 1 | | 3 | 100 | 6 | 3 | | | | | | | 1 | | | | | | | 2% | 100% | 100% | 100% | 13/07/2014 |
| Somalia | NPL Kenya | 244 | 27 | | 20 | 177 | 4 | 16 | 4 | 15 | | | | | 16 | | | | | | | 9% | 8% | | 91% | 12/07/2014 |
| Sudan | RRL Egypt | 203 | 3 | | 27 | 154 | 13 | 6 | | | | 4 | | | 1 | | | 1 | | | | 13% | 98% | 100% | 100% | 13/07/2014 |
| South Sudan | NPL Kenya | South Sudan has moved to AFRO Region starting October 2013 | | | | | | | | | | | | | | | | | | | | | | 02/07/2014 | | |
| Syria | RRL Egypt | 10 | 2 | | | 3 | | 5 | 1 | 2 | | 5 | | | 9 | | | 7 | | | | 0% | 100% | 100% | 75% | 05/02/2014 |
| Tunisia | RRL Tunisia | 24 | | | 1 | 20 | 3 | | | | | | | | | | | | | | | 6% | 100% | | 100% | 11/07/2014 |
| U.A.E | NPL Oman | 9 | | | | 9 | | | | | | | | | | | | | | | | 0% | 100% | | 78% | 14/07/2014 |
| Yemen | RRL Egypt | 286 | 15 | 2 | 33 | 206 | 14 | 14 | | 10 | | 7 | | | 7 | | | | | 1 | | 11% | 100% | 100% | 99% | 13/07/2014 |
| Total EMR 2014 | | 6055 | 409 | 38 | 904 | 4345 | 297 | 60 | 108 | 164 | | 84 | 19 | | 164 | | | 12 | 6 | 2 | | 14% | 96% | 99% | 98% | |
| Total EMR 2013 | | 11354 | 826 | 56 | 1814 | 8656 | | | 271 | 285 | | 146 | 56 | | 275 | 1 | | 3 | 16 | 12 | | 15% | 92% | 98% | 96% | |

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

** This indicator reflects surveillance and laboratory activities

Total wild P1 cases for Syria in 2013 is 35 cases. Table (5) in Polio Fax reflecting lab data is only showing 25 wild cases. In addition 2 cases were identified by positive contact from negative index cases. Other 8 wild cases were cross notified and not processed in National Polio Lab of Syria



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

| Result | 2010 | 2011 | 2012 | 2013 | 2014 |
|----------|------|------|------|------|------|
| Negative | 183 | 178 | 196 | 304 | 156 |
| Pending | | | | | 24 |
| Wild | | | 2 | | |
| VDPVP2 | | | 7 | 3 | 1 |
| VDPVP1 | | | 1 | | 1 |
| Sabin | 233 | 270 | 205 | 165 | 16 |
| Total | 416 | 448 | 411 | 472 | 198 |

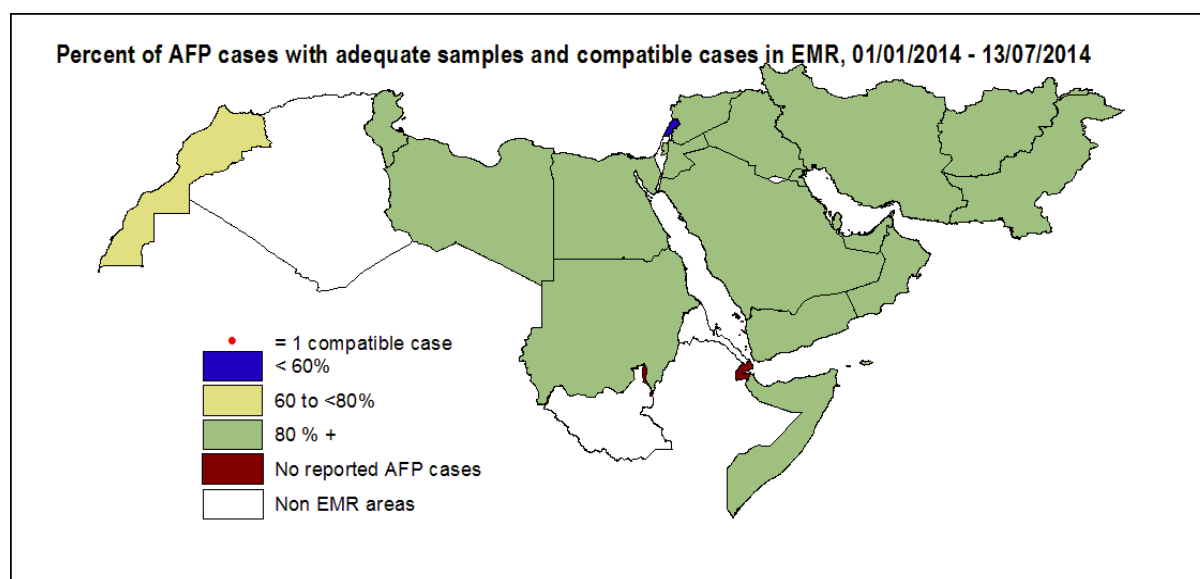
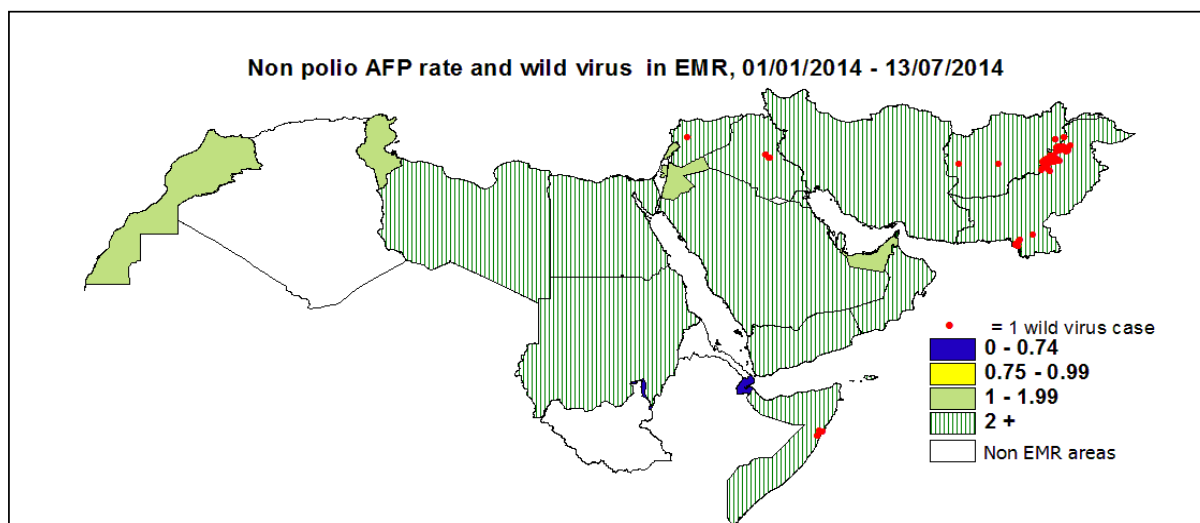
| YEA | Province | Site | Count | First date | Last Date | |
|--------------|--------------|--------------|--------------|------------|------------|------------|
| 2013 | VDPVP2 | CAIRO | AL HAGGANA 2 | 1 | 08/01/2013 | 08/01/2013 |
| | | FAYOUM | FAYOUM CITY | 1 | 14/04/2013 | 14/04/2013 |
| | | MINYA | AQURQAS | 1 | 04/03/2013 | 04/03/2013 |
| | VDPVP2 Total | | | 3 | 08/01/2013 | 14/04/2013 |
| 2014 | VDPVP2 | GIZA | AL WASLA | 1 | 04/03/2014 | 04/03/2014 |
| | | VDPVP2 Total | | | 1 | 04/03/2014 |
| | VDPVP1 | QALUBIA | BENHA | 1 | 20/04/2014 | 20/04/2014 |
| VDPVP1 Total | | | 1 | 20/04/2014 | 20/04/2014 | |

| Environmental Surveillance in Palestine 2013-2014 | | | | | |
|---|---------|--------------------------|-------|------------|-----------|
| Year | Result | Site | Count | First Date | Last Date |
| 2013 | Wild P1 | Gaza Rafah - Tel Sultan | 4 | 18/08/13 | 17/11/13 |
| | | West Bank - Tulkarem | 1 | 30/06/13 | 30/06/13 |
| | | West Bank - Hebron | 1 | 01/09/13 | 01/09/13 |
| | | West Bank - Salfit | 1 | 01/09/13 | 01/09/13 |
| 2014 | Wild P1 | Gaza Rafah - Sheik Ajlun | 1 | 05/01/14 | 05/01/14 |

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

| Status | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|-------------|------|------|------|------|------|------|
| Negative | 27 | 77 | 68 | 150 | 265 | 160 |
| pending | | | | | | 18 |
| Wild | 18 | 79 | 136 | 89 | 66 | 46 |
| Grand Total | 45 | 156 | 204 | 239 | 331 | 224 |

| Year | SITDIST | SITENAME | Count Wild | First date | Last date |
|------------|--------------------------|---------------------------------|------------|------------|------------|
| 2014 | KHI.BALDIA TOWN | SAJJAN GOTH | 1 | 27/01/2014 | 27/01/2014 |
| | | BALDIA COMPOSITE | 2 | 08/01/2014 | 08/05/2014 |
| | KHI.GADAP TOWN | COMPOSITE SAMPLE | 5 | 10/01/2014 | 15/05/2014 |
| | | SOHRAB GOTH | 3 | 22/01/2014 | 22/04/2014 |
| | KHI.GULSHAN-E-IQBAL TOWN | CHAKORA NULLA | 3 | 04/02/2014 | 01/04/2014 |
| | | RASHID MINHAS RD LAY | 5 | 17/01/2014 | 20/05/2014 |
| | LAHORE | GULSHAN RAVI STATION | 1 | 05/05/2014 | 05/05/2014 |
| | | OUTFALL STATION | 8 | 12/04/2014 | 12/06/2014 |
| | PESHAWAR | LARA MA | 4 | 25/01/2014 | 24/06/2014 |
| | | SHAHEEN TOWN | 5 | 10/01/2014 | 10/04/2014 |
| | RAWALPINDI | SAFDAR ABAD | 1 | 28/01/2014 | 28/01/2014 |
| | | DHOKE DALLAL | 1 | 21/05/2014 | 21/05/2014 |
| | QUETTA | JATAK KILLI & TAKHTHANI BY PASS | 2 | 31/03/2014 | 28/05/2014 |
| | | SUR PUL | 2 | 20/03/2014 | 20/06/2014 |
| SUKKUR | MIANI PUMPING STATION | 1 | 05/06/2014 | 05/06/2014 | |
| HYDERABAD | TULSIDAS PUMPING STATION | 2 | 06/05/2014 | 06/06/2014 | |
| 2014 Total | | | 46 | 08/01/2014 | 24/06/2014 |



Wild polio cases by country and date of onset of paralysis in EMR, 2013-2014

| Year | COUNTRY | P1 | | | Total Count | First Case | Last Case |
|-------------------|---------|------------|-------------------|-------------------|-------------|-------------------|-------------------|
| | | Count | First Case | Last Case | | | |
| 2013 | AFG | 14 | 31/01/2013 | 20/12/2013 | 14 | 31/01/2013 | 20/12/2013 |
| | PAK | 93 | 14/01/2013 | 31/12/2013 | 93 | 14/01/2013 | 31/12/2013 |
| | SOM | 194 | 17/04/2013 | 20/12/2013 | 194 | 17/04/2013 | 20/12/2013 |
| | SYR | 35 | 14/07/2013 | 28/12/2013 | 35 | 14/07/2013 | 28/12/2013 |
| 2013 Total | | 336 | 14/01/2013 | 31/12/2013 | 336 | 14/01/2013 | 31/12/2013 |
| 2014 | AFG | 8 | 14/01/2014 | 17/06/2014 | 8 | 14/01/2014 | 17/06/2014 |
| | IRQ | 2 | 10/02/2014 | 07/04/2014 | 2 | 10/02/2014 | 07/04/2014 |
| | PAK | 94 | 03/01/2014 | 24/06/2014 | 94 | 03/01/2014 | 24/06/2014 |
| | SOM | 4 | 11/05/2014 | 03/06/2014 | 4 | 11/05/2014 | 03/06/2014 |
| | SYR | 1 | 21/01/2014 | 21/01/2014 | 1 | 21/01/2014 | 21/01/2014 |
| 2014 Total | | 109 | 03/01/2014 | 24/06/2014 | 109 | 03/01/2014 | 24/06/2014 |



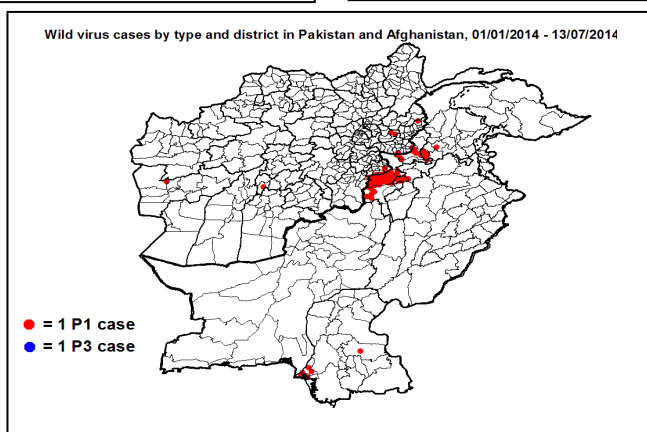
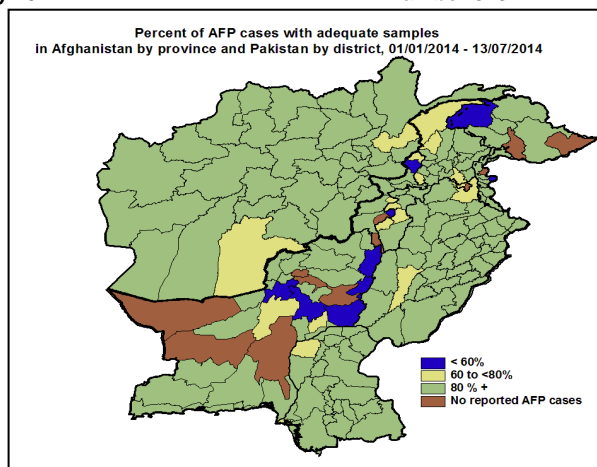
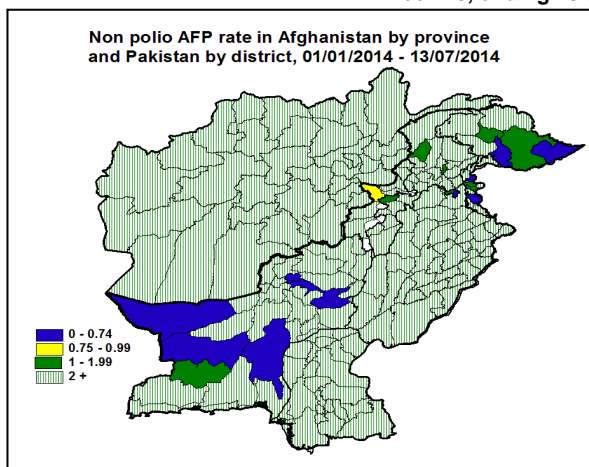
World Health Organization – Regional Office for Eastern Mediterranean

AFP SURVEILLANCE

Week 28, ending 13 July 2014

14-Jul-14

Number 823

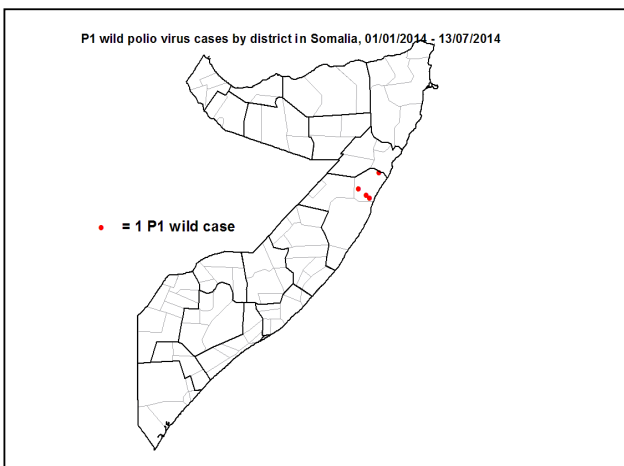
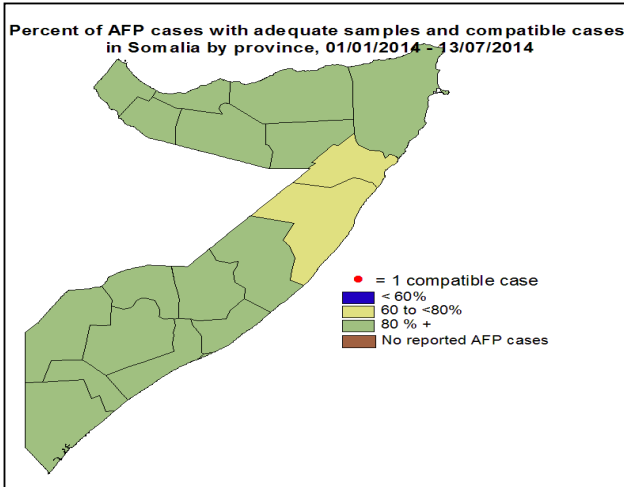
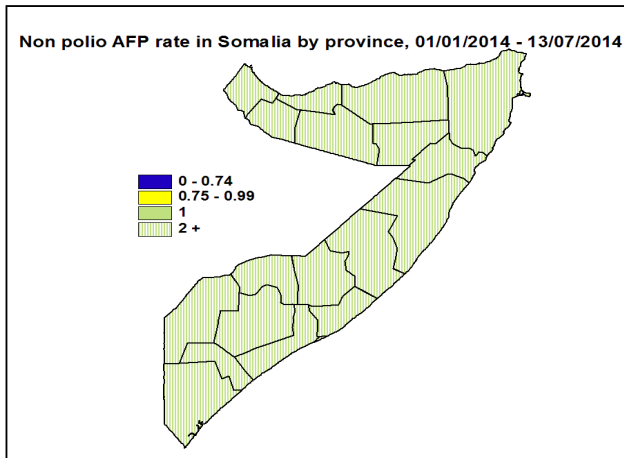


Wild Polio cases by district and date of onset of paralysis, Afghanistan 2014

| PROVINCE | DISTRICT | P1 | | |
|-------------|--------------|-------|------------|------------|
| | | Count | First case | Last case |
| KHOST | KHOST(MATUN) | 1 | 17/06/2014 | 17/06/2014 |
| FARAH | KHAK-E-SAFED | 1 | 03/06/2014 | 03/06/2014 |
| URUZGAN | DEHRAWUD | 1 | 20/05/2014 | 20/05/2014 |
| NANGARHAR | ACHIN | 1 | 15/05/2014 | 15/05/2014 |
| | MUHMAND DARA | 1 | 25/02/2014 | 25/02/2014 |
| LAGHMAN | ALINGAR | 2 | 14/01/2014 | 06/04/2014 |
| KUNAR | GHAZIABAD | 1 | 31/01/2014 | 31/01/2014 |
| Grand Total | | 8 | 14/01/2014 | 17/06/2014 |

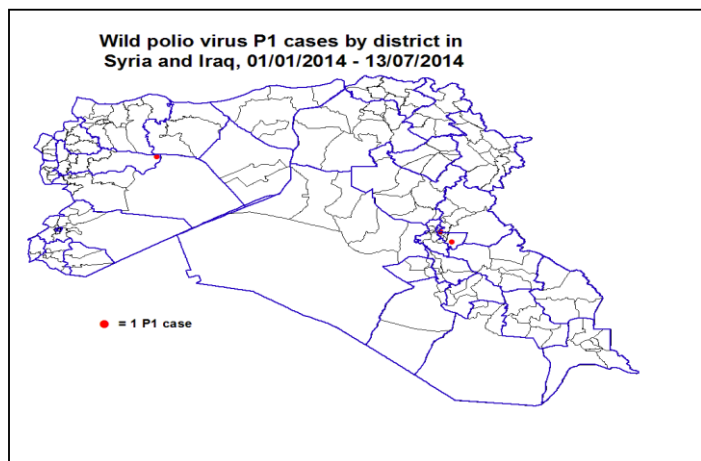
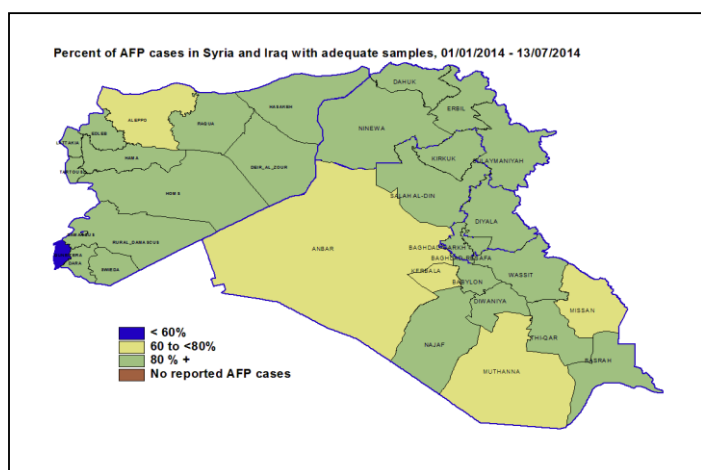
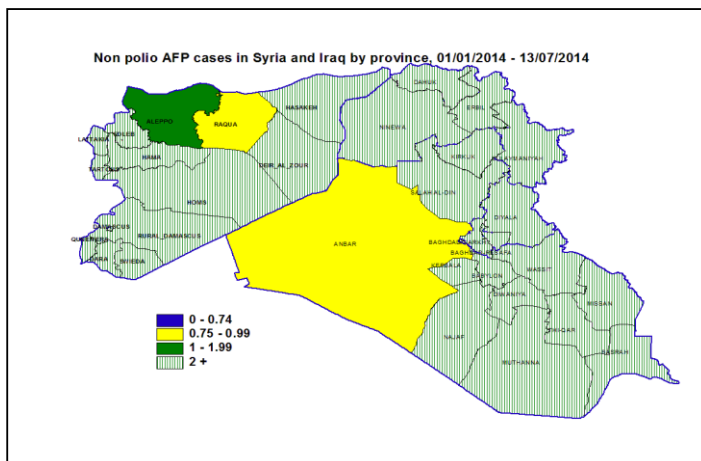
Wild Polio cases by district and date of onset of paralysis, Pakistan 2014

| PROVINCE | DISTRICT | P1 | | |
|-----------------|-----------|-------|------------|------------|
| | | Count | First case | Last case |
| SINDH | SANGHAR | 1 | 24/06/2014 | 24/06/2014 |
| | KHILANDHI | 1 | 06/06/2014 | 06/06/2014 |
| | KHISITE | 1 | 04/05/2014 | 04/05/2014 |
| | KHIGADAP | 3 | 26/03/2014 | 08/04/2014 |
| | KHIORANGI | 1 | 30/03/2014 | 30/03/2014 |
| | KHIBALDIA | 1 | 10/02/2014 | 10/02/2014 |
| FATA | KHYBER | 8 | 12/01/2014 | 24/06/2014 |
| | WAZIR-N | 55 | 03/01/2014 | 03/06/2014 |
| | FR BANNU | 2 | 14/02/2014 | 02/05/2014 |
| | WAZIR-S | 5 | 12/02/2014 | 20/04/2014 |
| KHYBER PAKHTOON | PESHAWAR | 6 | 31/01/2014 | 24/06/2014 |
| | BANNU | 9 | 26/01/2014 | 16/06/2014 |
| | MARDAN | 1 | 15/06/2014 | 15/06/2014 |
| Grand Total | | 94 | 03/01/2014 | 24/06/2014 |



Wild Polio cases by district and date of onset of paralysis, Somalia 2014

| | | P1 | | | |
|-------------|----------|-------|------------|------------|--|
| PROVINCE | DISTRICT | Count | First case | Last case | |
| MUDUG | JARIBAN | 4 | 11/05/2014 | 03/06/2014 | |
| Grand Total | | 4 | 11/05/2014 | 03/06/2014 | |



Wild Polio cases by district and date of onset of paralysis, Iraq - Syria 2014

| COUNTRY | PROVINCE | DISTRICT | Count | First case | Last case |
|-----------|----------------|-----------|-------|------------|------------|
| IRQ | BAGHDAD-RESAFA | MADA'IN | 1 | 07/04/2014 | 07/04/2014 |
| | | SHA'B | 1 | 10/02/2014 | 10/02/2014 |
| IRQ Total | | | 2 | 10/02/2014 | 07/04/2014 |
| SYR | HAMA | SALAMEYEH | 1 | 21/01/2014 | 21/01/2014 |
| SYR Total | | | 1 | 21/01/2014 | 21/01/2014 |



**Circulating VDPV cases and date of onset of paralysis in EMR countries by districts
2013-2014**

| Year | COUNTRY | PROVINCE | DISTRICT | cVDP2 | | | cVDP3 | | |
|------------|-----------|-----------------|-------------|------------|------------|------------|------------|------------|-----------|
| | | | | Count | First Case | Last Case | Count | First Case | Last Case |
| 2013 | AFG | KANDAHAR | SHAHWALIKOT | 1 | 13/03/2013 | 13/03/2013 | | | |
| | | HILMAND | NAD-E-ALI | 2 | 22/01/2013 | 20/02/2013 | | | |
| | AFG Total | | | 3 | 22/01/2013 | 13/03/2013 | | | |
| | PAK | FATA | WAZIR-N | 41 | 10/04/2013 | 30/12/2013 | | | |
| | | | MOHMAND | 1 | 13/07/2013 | 13/07/2013 | | | |
| | | SINDH | KHIGADAP | 4 | 21/02/2013 | 03/07/2013 | | | |
| | | BALOCHISTAN | MASTUNG | 1 | 27/06/2013 | 27/06/2013 | | | |
| | JAFARABAD | | 1 | 11/01/2013 | 11/01/2013 | | | | |
| | PAK Total | | | 48 | 11/01/2013 | 30/12/2013 | | | |
| | SOM | LOWER SHABELLE | AFGOI | 1 | 09/01/2013 | 09/01/2013 | | | |
| SOM Total | | | 1 | 09/01/2013 | 09/01/2013 | | | | |
| YEM | SAADAH | SAHAR | | | | 1 | 12/07/2013 | 12/07/2013 | |
| YEM Total | | | | | | 1 | 12/07/2013 | 12/07/2013 | |
| 2013 Total | | | 52 | 09/01/2013 | 30/12/2013 | 1 | 12/07/2013 | 12/07/2013 | |
| 2014 | PAK | FATA | FR BANNU | 8 | 24/01/2014 | 27/05/2014 | | | |
| | | | WAZIR-N | 9 | 03/01/2014 | 23/05/2014 | | | |
| | | KHYBER PAKHTOON | LAKKIMRWT | 1 | 27/05/2014 | 27/05/2014 | | | |
| | | | BANNU | 1 | 03/05/2014 | 03/05/2014 | | | |
| PAK Total | | | 19 | 03/01/2014 | 27/05/2014 | | | | |
| 2014 Total | | | 19 | 03/01/2014 | 27/05/2014 | | | | |

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

In 2014, 1 AFP case in Pakistan from Khyber district, FATA province with date of onset 27/05/2014 was identified as WPV1 & cVDPV (P2) the case is classified as wild and reflected in page-2- table (3), pages 6 & 7 of the polio fax - accordingly final number of cVDPV cases in Pakistan for 2014 is (20)