

HIGHLIGHTS

An important opportunity amid a crisis Vaccinating those displaced from North Waziristan

The displacement of more than 900,000 people from North Waziristan in Pakistan's Federally Administered Tribal Areas (FATA) increases the risk that polio will spread, as the virus travels with people as they move out to other parts of the country. Due to a ban on polio vaccination since June 2012, the area has suffered 55 of the country's 94 cases in 2014.



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However, this displacement also creates an important opportunity. For the first time in more than two years, vaccinators can reach large numbers of children who could not previously get vaccine.

Between 21 May and 15 July, 406,051 doses of oral polio vaccine were administered at vaccination points set up along major transit routes on the way out of North Waziristan. Emergency vaccination campaigns have also been held in surrounding areas, including weekly activities in parts of Khyber Pakhtunkhwa and FATA. This week's campaign was reported to have reached almost 550,000 children.

Afghanistan is also doing its part to protect both the displaced and host communities against polio. More than 35,000 displaced children under the age of 10 are reported to have received a dose of oral polio vaccine as they entered the Afghan provinces of Paktyka and Khost.

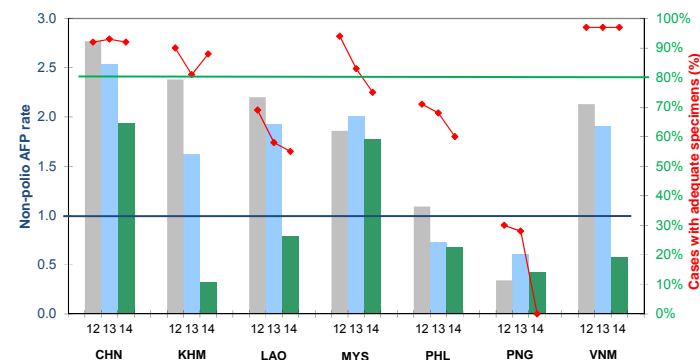
For more, please see the article "[Reaching the unreached with polio drops in North Waziristan](#)", on the [End Polio Pakistan website](#).

Source: www.polioeradication.org

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Chart 1. Non-polio AFP rate and adequate specimen collection rate, 2012–2014*



* AFP rate annualized as of week 29

Chart 3. Polio immunization status of reported AFP cases, 2014

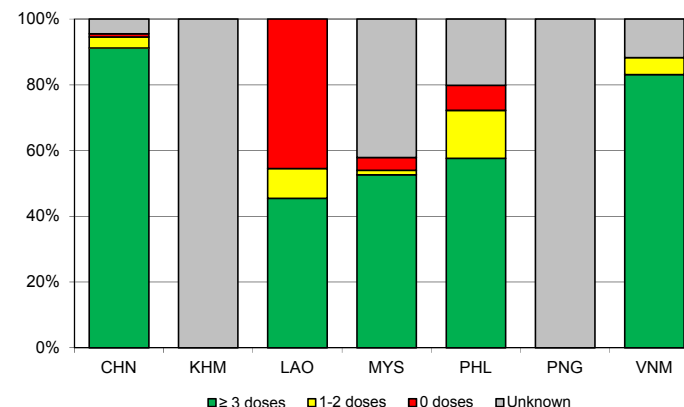


Chart 2. Percent cases with pending classification > 90 days after onset, 2014

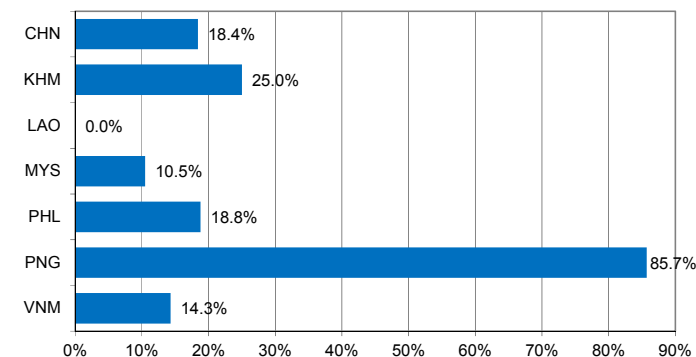
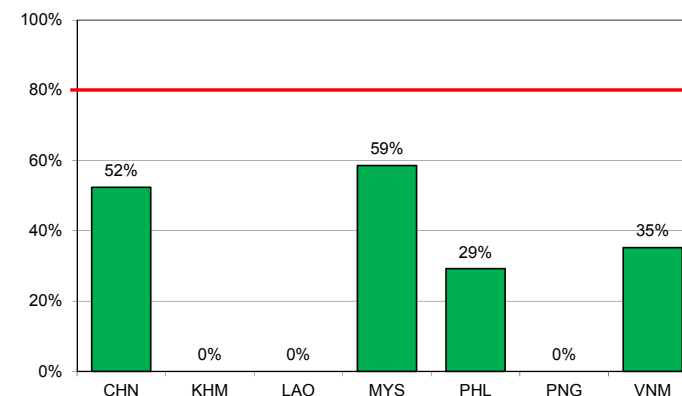


Chart 4. Percentage of samples received at the lab ≤ 3 days of collection, 2014



Note: Priority countries were selected for the charts. Official WHO acronyms have been used for abbreviation: CHN (China), KHM (Cambodia), LAO (Lao People's Democratic Republic), MYS (Malaysia), PHL (Philippines), PNG (Papua New Guinea), and VNM (Viet Nam).

Table 1A. Classification of AFP cases with onset in 2013 and key surveillance indicators

| | 2012 | | 2013 | | | | | | | | | | | | | |
|----------------------------------|----------------------|--|----------------------|---------------------------|-----------------------------------|------------------|-----------------------|----------|------------------------------|--------------------|--|----------------------------------|--|--------------------------------------|---------------------------------|-------------------------------------|
| | Total reported cases | Annual expected cases <15 years of age | Total reported cases | Classification | | | | | | Indicators | | | | | Latest report date ⁶ | Days since last report ⁷ |
| | | | | Confirmed wild poliovirus | Vaccine-derived poliovirus (VDPV) | Polio-compatible | Discarded (Non-polio) | Pending | | Non-polio AFP rate | % with adequate specimens ² | % with any specimen ³ | % investigated ≤ 2 days of notification ⁴ | % with 60-day follow-up ⁵ | | |
| | | | | | | | | Total | > 90 days ¹ # (%) | | | | | | | |
| ≥ 1 | ≥ 80% | | ≥ 80% | ≥ 80% | | | | | | | | | | | | |
| Australia | 56 | 43 | 62 | 0 | 0 | 1 | 61 | 0 | 0 (0.0%) | 1.44 | 39% | 71% | 100% | 0% | 18-Jul-14 | - |
| Brunei Darussalam | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 (0.0%) | 1.00 | 100% | 100% | 100% | - | 06-Feb-14 | - |
| Cambodia | 107 | 45 | 73 | 0 | 0 | 0 | 73 | 0 | 0 (0.0%) | 1.62 | 81% | 96% | 78% | 100% | 13-Mar-14 | - |
| China | 6173 | 2225 | 5623 | 0 | 0 | 1 | 5622 | 0 | 0 (0.0%) | 2.53 | 93% | 99% | 100% | 98% | 28-May-14 | - |
| Hong Kong (China) | 14 | 8 | 12 | 0 | 0 | 0 | 12 | 0 | 0 (0.0%) | 1.50 | 100% | 100% | 100% | - | 06-Feb-14 | - |
| Japan | 0 | 167 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lao People's Democratic Republic | 55 | 25 | 48 | 0 | 0 | 0 | 48 | 0 | 0 (0.0%) | 1.92 | 58% | 90% | 98% | 100% | 26-May-14 | - |
| Macao (China) | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 (0.0%) | 1.00 | 100% | 100% | 100% | - | 14-Jan-14 | - |
| Malaysia | 141 | 77 | 155 | 0 | 0 | 0 | 155 | 0 | 0 (0.0%) | 2.01 | 83% | 100% | 85% | 100% | 31-Mar-14 | - |
| Mongolia | 9 | 7 | 7 | 0 | 0 | 0 | 7 | 0 | 0 (0.0%) | 1.00 | 86% | 100% | 100% | 100% | 07-Mar-14 | - |
| New Zealand | 8 | 9 | 12 | 0 | 0 | 0 | 12 | 0 | 0 (0.0%) | 1.33 | 50% | 83% | 83% | 100% | 27-Feb-14 | - |
| Papua New Guinea | 10 | 30 | 18 | 0 | 0 | 0 | 18 | 0 | 0 (0.0%) | 0.60 | 28% | 83% | 83% | 100% | 26-Feb-14 | - |
| Philippines | 403 | 378 | 277 | 0 | 0 | 2 | 275 | 0 | 0 (0.0%) | 0.73 | 68% | 96% | 98% | 50% | 08-Apr-14 | - |
| Republic of Korea | 95 | 76 | 84 | 0 | 0 | 0 | 84 | 0 | 0 (0.0%) | 1.11 | 93% | 100% | 94% | 100% | 20-Mar-14 | - |
| Singapore | 10 | 6 | 7 | 0 | 0 | 0 | 7 | 0 | 0 (0.0%) | 1.17 | 71% | 100% | 86% | 100% | 08-Jan-14 | - |
| Viet Nam | 514 | 241 | 459 | 0 | 0 | 0 | 459 | 0 | 0 (0.0%) | 1.90 | 97% | 99% | 92% | 100% | 17-Apr-14 | - |
| Pacific island countries | 4 | 10 | 8 | 0 | 0 | 0 | 7 | 1 | 1 (12.5%) | 0.80 | 63% | 100% | 100% | 67% | 14-Jul-14 | 7 |
| Total | 7600 | 3349 | 6847 | 0 | 0 | 4 | 6842 | 1 | 1 (0.0%) | 2.04 | 91% | 99% | 98% | 86% | | |

1. Number (%) of reported cases pending classification more than 90 days from date of onset of paralysis to date of last report
2. Percentage of reported cases with two stool specimens collected 24 hours apart and within 14 days of onset of paralysis
3. Percentage of reported cases with at least one specimen
4. Percentage of reported cases investigated within two days of notification
5. Percentage of reported cases with inadequate specimens followed-up within 60 days of onset of paralysis
6. Report date is fixed as soon as all cases for the year have been classified
7. Countries are expected to submit data at least once per month to WPRO

| | |
|--------|---|
| Green | Reached or surpassed target |
| Yellow | Nearly reached target: 0.5–0.99 for non-polio AFP rate; 60–79% for other indicators |
| Red | Substantially below target |

Table 1B. Classification of AFP cases with onset in 2014 and key surveillance indicators

| | 2013 | | 2014 | | | | | | | | | | | | | |
|----------------------------------|----------------------|--|----------------------|---------------------------|-----------------------------------|------------------|-----------------------|-------------|------------------------------|---------------------------------|--|----------------------------------|--|--------------------------------------|--------------------|-------------------------------------|
| | Total reported cases | Annual expected cases <15 years of age | Total reported cases | Classification | | | | | | Indicators | | | | | Latest report date | Days since last report ⁷ |
| | | | | Confirmed wild poliovirus | Vaccine-derived poliovirus (VDPV) | Polio-compatible | Discarded (Non-polio) | Pending | | Non-polio AFP rate ² | % with adequate specimens ³ | % with any specimen ⁴ | % investigated ≤ 2 days of notification ⁵ | % with 60-day follow-up ⁶ | | |
| | | | | | | | | Total | > 90 days ¹ # (%) | | | | | | | |
| ≥ 1 | ≥ 80% | | ≥ 80% | ≥ 80% | | | | | | | | | | | | |
| Australia | 62 | 44 | 18 | 0 | 0 | 0 | 15 | 3 | 2 (11.1%) | 0.73 | 39% | 72% | 83% | 0% | 25-Jun-14 | 26 |
| Brunei Darussalam | 1 | 1 | 0 | - | - | - | - | - | - | - | - | - | - | - | 06-Feb-14 | 165 |
| Cambodia | 73 | 45 | 8 | 0 | 0 | 0 | 0 | 8 | 2 (25.0%) | 0.32 | 88% | 100% | 100% | 0% | 02-May-14 | 80 |
| China | 5623 | 2225 | 2392 | 0 | 0 | 0 | 1110 | 1282 | 440 (18.4%) | 1.93 | 92% | 99% | 100% | 77% | 09-Jul-14 | 12 |
| Hong Kong (China) | 12 | 8 | 9 | 0 | 0 | 0 | 7 | 2 | 1 (11.1%) | 2.02 | 89% | 100% | 100% | 100% | 02-Jul-14 | 19 |
| Japan | 0 | 167 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lao People's Democratic Republic | 48 | 25 | 11 | 0 | 0 | 0 | 5 | 6 | 0 (0.0%) | 0.79 | 55% | 100% | 91% | 0% | 06-May-14 | 76 |
| Macao (China) | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 (0.0%) | 1.79 | 0% | 100% | 100% | 100% | 21-Jul-14 | 0 |
| Malaysia | 155 | 77 | 76 | 0 | 0 | 0 | 58 | 18 | 8 (10.5%) | 1.77 | 75% | 100% | 55% | 32% | 20-Jun-14 | 31 |
| Mongolia | 7 | 8 | 3 | 0 | 0 | 0 | 1 | 2 | 0 (0.0%) | 0.67 | 100% | 100% | 100% | - | 07-Jul-14 | 14 |
| New Zealand | 12 | 9 | 2 | 0 | 0 | 0 | 0 | 2 | 1 (50.0%) | 0.40 | 50% | 100% | 100% | 0% | 16-May-14 | 66 |
| Papua New Guinea | 18 | 30 | 7 | 0 | 0 | 0 | 0 | 7 | 6 (85.7%) | 0.42 | 0% | 100% | 57% | 0% | 17-Jul-14 | 4 |
| Philippines | 277 | 378 | 144 | 0 | 0 | 0 | 64 | 80 | 27 (18.8%) | 0.68 | 60% | 88% | 97% | 7% | 08-Jul-14 | 13 |
| Republic of Korea | 84 | 76 | 53 | 0 | 0 | 0 | 43 | 10 | 0 (0.0%) | 1.25 | 81% | 100% | 96% | 80% | 18-Jul-14 | 3 |
| Singapore | 7 | 6 | 4 | 0 | 0 | 0 | 4 | 0 | 0 (0.0%) | 1.20 | 75% | 100% | 100% | 100% | 09-Jul-14 | 12 |
| Viet Nam | 459 | 241 | 77 | 0 | 0 | 0 | 13 | 64 | 11 (14.3%) | 0.57 | 97% | 100% | 88% | 0% | 26-May-14 | 56 |
| Pacific island countries | 8 | 10 | 6 | 0 | 0 | 0 | 0 | 6 | 3 (50.0%) | 1.08 | 83% | 100% | 100% | 0% | 14-Jul-14 | 7 |
| Total | 6847 | 3351 | 2811 | 0 | 0 | 0 | 1321 | 1490 | 501 (17.8%) | 1.50 | 89% | 98% | 98% | 54% | | |

1. Number (%) of reported cases pending classification more than 90 days from date of onset of paralysis to date of last report
2. Annualized non-polio AFP rate per 100 000 population under 15 years of age
3. Percentage of reported cases with two stool specimens collected 24 hours apart and within 14 days of onset of paralysis
4. Percentage of reported cases with at least one specimen
5. Percentage of reported cases investigated within two days of notification
6. Percentage of reported cases with inadequate specimens followed-up within 60 days of onset of paralysis
7. Countries are expected to submit data at least once per month to WPRO

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| Green | Reached or surpassed target |
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Table 2A. Laboratory investigation of AFP cases with onset in 2013 and key laboratory indicators

| Country | National polio laboratory ¹ | Total no. of AFP cases with specimens | Virus isolation results | | | | | | | % specimens positive for NPEV | Latest report date | Intratyphic differentiation / Sequencing lab ¹ | No. of isolates referred | Intratyphic differentiation (ITD) results | | | | | | | | | NPEV ³ | Pending ITD | Discordant pending sequencing | % ITD results reported ≤ 7 days of receipt ≥ 80% | | | | |
|----------------------------------|--|---------------------------------------|-------------------------|----------------------|------------|-------------|-------------------|-------------------|---|-------------------------------|--------------------|---|--------------------------|---|-----------|----------|----------|------------|----------|----------|-----------|-----------|-------------------|-------------|-------------------------------|--|----------|----------|-------------|------|
| | | | L20B positive | L20B positive + NPEV | NPEV only | Negative | Pending ≤ 14 days | Pending > 14 days | % results reported ≤ 14 days ² | | | | | Type 1 | | | Type 2 | | | Type 3 | | | | | | | | | | |
| | | | | | | | | | | | | | | Wild | Sabin | VDPV | Wild | Sabin | VDPV | Wild | Sabin | VDPV | | | | | | | | |
| Australia | VIDRL | 44 | 0 | 0 | 9 | 35 | 0 | 0 | 100% | 20% | 29-Jan-14 | VIDRL | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Brunei Darussalam | VIDRL | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 100% | 0% | 29-Jan-14 | VIDRL | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Papua New Guinea | VIDRL | 18 | 0 | 0 | 3 | 15 | 0 | 0 | 100% | 16% | 29-Jan-14 | VIDRL | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Pacific island countries | VIDRL | 8 | 0 | 0 | 4 | 4 | 0 | 0 | 100% | 44% | 29-Jan-14 | VIDRL | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Japan | NIID | 0 | - | - | - | - | - | - | - | - | - | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Cambodia | NIID | 70 | 1 | 0 | 21 | 48 | 0 | 0 | 94% | 24% | 12-Feb-14 | NIID | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | |
| Lao People's Democratic Republic | NIID | 43 | 0 | 0 | 10 | 33 | 0 | 0 | 97% | 21% | 02-Apr-14 | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Malaysia | IMR | 156 | 0 | 0 | 7 | 149 | 0 | 0 | 98% | 3% | 25-Feb-14 | IMR | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Mongolia | PHI | 7 | 0 | 0 | 1 | 6 | 0 | 0 | 100% | 14% | 11-Feb-14 | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| New Zealand | IESR | 9 | 0 | 0 | 2 | 7 | 0 | 0 | 94% | 22% | 17-Mar-14 | IESR | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Philippines | RITM | 366 | 0 | 1 | 40 | 325 | 0 | 0 | 95% | 9% | 08-May-14 | VIDRL | 3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | |
| Republic of Korea | NIH | 83 | 0 | 0 | 2 | 81 | 0 | 0 | 100% | 3% | 18-Feb-14 | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Singapore | SGH | 7 | 1 | 0 | 0 | 6 | 0 | 0 | 100% | 0% | 15-Jan-14 | SGH | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | |
| Viet Nam, North | NIHE | 229 | 2 | 0 | 41 | 186 | 0 | 0 | 95% | 15% | 11-Feb-14 | NIID | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | |
| Viet Nam, South | PI | 225 | 2 | 0 | 21 | 208 | 0 | 0 | 98% | 9% | 18-Mar-14 | NIID | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | |
| China | CCDC | 5570 | 100 | 3 | 582 | 4885 | 0 | 0 | 60% | 9% | 14-May-14 | | 261 | 0 | 71 | 0 | 0 | 95 | 4 | 0 | 77 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 100% | |
| China, Anhui | Prov. Lab | 268 | 4 | 0 | 35 | 229 | 0 | 0 | 52% | 11% | | Prov. Lab | 12 | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | |
| China, Beijing | Prov. Lab | 31 | 1 | 0 | 0 | 30 | 0 | 0 | 77% | 0% | | Prov. Lab | 15 | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Fujian | Prov. Lab | 161 | 4 | 0 | 16 | 141 | 0 | 0 | 80% | 7% | | Prov. Lab | 8 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Gansu | Prov. Lab | 112 | 4 | 0 | 6 | 102 | 0 | 0 | 73% | 5% | | Prov. Lab | 12 | 0 | 1 | 0 | 0 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Guangdong | Prov. Lab | 377 | 2 | 0 | 37 | 338 | 0 | 0 | 60% | 8% | | Prov. Lab | 10 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Guangxi | Prov. Lab | 248 | 4 | 0 | 28 | 216 | 0 | 0 | 20% | 9% | | Prov. Lab | 13 | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Hebei | Prov. Lab | 387 | 12 | 2 | 62 | 311 | 0 | 0 | 64% | 13% | | Prov. Lab | 18 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Heilongjiang | Prov. Lab | 128 | 3 | 0 | 7 | 118 | 0 | 0 | 79% | 5% | | Prov. Lab | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Henan | Prov. Lab | 576 | 13 | 0 | 103 | 460 | 0 | 0 | 55% | 14% | | Prov. Lab | 27 | 0 | 6 | 0 | 0 | 14 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Hunan | Prov. Lab | 297 | 2 | 0 | 41 | 254 | 0 | 0 | 90% | 13% | | Prov. Lab | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Jiangsu | Prov. Lab | 289 | 9 | 0 | 7 | 273 | 0 | 0 | 43% | 2% | | Prov. Lab | 11 | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Jiangxi | Prov. Lab | 190 | 2 | 0 | 14 | 174 | 0 | 0 | 70% | 7% | | Prov. Lab | 31 | 0 | 0 | 0 | 0 | 11 | 4 | 0 | 2 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Jilin | Prov. Lab | 64 | 0 | 0 | 3 | 61 | 0 | 0 | 61% | 5% | | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Shaanxi | Prov. Lab | 110 | 1 | 0 | 2 | 107 | 0 | 0 | 91% | 2% | | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Shandong | Prov. Lab | 389 | 17 | 0 | 32 | 340 | 0 | 0 | 69% | 6% | | Prov. Lab | 31 | 0 | 9 | 0 | 0 | 11 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Shanghai | Prov. Lab | 28 | 2 | 0 | 0 | 26 | 0 | 0 | 98% | 0% | | Prov. Lab | 10 | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Shanxi | Prov. Lab | 212 | 3 | 0 | 9 | 200 | 0 | 0 | 42% | 4% | | Prov. Lab | 6 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Sichuan | Prov. Lab | 357 | 0 | 0 | 39 | 318 | 0 | 0 | 32% | 10% | | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Tianjin | Prov. Lab | 23 | 1 | 0 | 1 | 21 | 0 | 0 | 87% | 4% | | Prov. Lab | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Xinjiang | Prov. Lab | 86 | 5 | 0 | 6 | 75 | 0 | 0 | 81% | 6% | | Prov. Lab | 12 | 0 | 2 | 0 | 0 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Yunnan | Prov. Lab | 255 | 2 | 1 | 30 | 222 | 0 | 0 | 74% | 10% | | Prov. Lab | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Zhejiang | Prov. Lab | 163 | 3 | 0 | 19 | 141 | 0 | 0 | 37% | 9% | | Prov. Lab | 7 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Chongqing | Prov. Lab | 82 | 0 | 0 | 8 | 74 | 0 | 0 | 78% | 9% | | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Guizhou | Prov. Lab | 232 | 0 | 0 | 23 | 209 | 0 | 0 | 74% | 9% | | CCDC | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Hainan | Prov. Lab | 41 | 0 | 0 | 5 | 36 | 0 | 0 | 71% | 11% | | CCDC | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Hubei | Prov. Lab | 230 | 3 | 0 | 31 | 196 | 0 | 0 | 40% | 13% | | CCDC | 6 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Liaoning | Prov. Lab | 109 | 0 | 0 | 14 | 95 | 0 | 0 | 72% | 11% | | CCDC | 7 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Neimongol | Prov. Lab | 80 | 3 | 0 | 3 | 74 | 0 | 0 | 67% | 4% | | CCDC | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Ningxia | Prov. Lab | 19 | 0 | 0 | 0 | 19 | 0 | 0 | 55% | 0% | | CCDC | 4 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Qinghai | Prov. Lab | 16 | 0 | 0 | 1 | 15 | 0 | 0 | 63% | 3% | | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Tibet | Prov. Lab | 10 | 0 | 0 | 0 | 10 | 0 | 0 | 20% | 0% | | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hong Kong (China) | PHLC | 12 | 0 | 0 | 0 | 12 | 0 | 0 | 97% | 0% | 16-Jan-14 | PHLC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Macao (China) | PHLC | 0 | - | - | - | - | - | - | - | - | 16-Jan-14 | PHLC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | | 6848 | 106 | 4 | 743 | 6001 | 0 | 0 | 65% | 9% | | | 276 | 0 | 74 | 0 | 0 | 102 | 4 | 0 | 82 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 100% | |

1. IESR (Institute of Environmental Science and Research, New Zealand); IMR (Institute of Medical Research, Malaysia); NIH (National Institute of Health, Republic of Korea); NIHE (National Institute of Hygiene and Epidemiology, Ha Noi, Viet Nam); NIID (National Institute of Infectious Diseases, Japan); PHI (Public Health Institute, Mongolia); PHLC (Public Health Laboratory Center, Hong Kong); PI (Pasteur Institute, Ho Chi Minh, Viet Nam); RITM (Research Institute for Tropical Medicine, Philippines); SGH (Singapore General Hospital); VIDRL (Victorian Infectious Diseases Reference Laboratory, Australia)

2. The target of 14 days for the timeliness of virus isolation will be used for all polio laboratories

3. NPEV growing in L20B cells

4. Twenty-two provincial laboratories in China perform ITD from 2013

Table 2B. Laboratory investigation of AFP cases with onset in 2014 and key laboratory indicators

| Country | National polio laboratory | Total no. of AFP cases with specimens | Virus isolation results | | | | | | | % results reported ≤ 14 days ² ≥ 80% | % specimens positive for NPEV | Latest report date | Intratyphic differentiation / Sequencing lab ¹ | No. of isolates referred | Intratyphic differentiation (ITD) results | | | | | | | | | | | |
|----------------------------------|---------------------------|---------------------------------------|-------------------------|----------|------------|-------------|-----------|-----------|------------|--|-------------------------------|--------------------|---|--------------------------|---|-------------|-------------------------------|---|----------|----------|-----------|----------|----------|----------|----------|------------|
| | | | Type 1 | | | Type 2 | | | Type 3 | | | | | | NPEV ³ | Pending ITD | Discordant pending sequencing | % ITD results reported ≤ 7 days of receipt ≥ 80% | | | | | | | | |
| | | | Wild | Sabin | VDPV | Wild | Sabin | VDPV | Wild | | | | | | | | | | Sabin | VDPV | | | | | | |
| Australia | VIDRL | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 88% | 0% | 14-Mar-14 | VIDRL | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Brunei Darussalam | VIDRL | 0 | - | - | - | - | - | - | - | - | 14-Mar-14 | VIDRL | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Papua New Guinea | VIDRL | 0 | - | - | - | - | - | - | - | - | 14-Mar-14 | VIDRL | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Pacific island countries | VIDRL | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 100% | 0% | 14-Mar-14 | VIDRL | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Japan | NIID | 0 | - | - | - | - | - | - | - | - | - | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Cambodia | NIID | 17 | 4 | 0 | 3 | 10 | 0 | 0 | 94% | 12% | 10-Jul-14 | NIID | 8 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | |
| Lao People's Democratic Republic | NIID | 17 | 0 | 0 | 5 | 12 | 0 | 0 | 100% | 26% | 14-Jul-14 | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Malaysia | IMR | 102 | 0 | 0 | 3 | 89 | 10 | 0 | 100% | 3% | 11-Jul-14 | IMR | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Mongolia | PHI | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 100% | 0% | 07-Jul-14 | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| New Zealand | IESR | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 100% | 50% | 04-Jul-14 | IESR | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Philippines | RITM | 181 | 1 | 0 | 8 | 160 | 14 | 0 | 91% | 4% | 21-Jul-14 | RITM | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | |
| Republic of Korea | NIH | 53 | 0 | 0 | 3 | 43 | 7 | 0 | 93% | 5% | 18-Jul-14 | NIH | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Singapore | SGH | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 100% | 0% | 15-Jul-14 | SGH | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Viet Nam, North | NIHE | 89 | 0 | 0 | 12 | 71 | 4 | 2 | 100% | 13% | 09-Jul-14 | NIHE | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Viet Nam, South | PI | 70 | 0 | 0 | 8 | 52 | 7 | 3 | 93% | 12% | 04-Jul-14 | PI | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| China | CCDC | 2358 | 45 | 1 | 208 | 2037 | 0 | 67 | 62% | 7% | 09-Jul-14 | | 126 | 0 | 31 | 0 | 0 | 48 | 2 | 0 | 45 | 0 | 3 | 0 | 0 | 96% |
| China, Anhui | Prov. Lab | 101 | 2 | 0 | 6 | 92 | 0 | 1 | 54% | 6% | | Prov. Lab | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 100% |
| China, Beijing | Prov. Lab | 12 | 0 | 0 | 0 | 12 | 0 | 0 | 75% | 0% | | Prov. Lab | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 100% |
| China, Fujian | Prov. Lab | 98 | 0 | 0 | 11 | 85 | 0 | 2 | 91% | 8% | | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Gansu | Prov. Lab | 59 | 1 | 0 | 2 | 55 | 0 | 1 | 65% | 3% | | Prov. Lab | 6 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 100% |
| China, Guangdong | Prov. Lab | 148 | 1 | 0 | 20 | 127 | 0 | 0 | 75% | 10% | | Prov. Lab | 4 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50% |
| China, Guangxi | Prov. Lab | 108 | 2 | 0 | 26 | 79 | 0 | 1 | 15% | 20% | | Prov. Lab | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 100% |
| China, Hebei | Prov. Lab | 128 | 3 | 1 | 11 | 112 | 0 | 1 | 56% | 7% | | Prov. Lab | 5 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 100% |
| China, Heilongjiang | Prov. Lab | 66 | 0 | 0 | 1 | 65 | 0 | 0 | 82% | 1% | | Prov. Lab | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 100% |
| China, Henan | Prov. Lab | 225 | 1 | 0 | 20 | 191 | 0 | 13 | 72% | 7% | | Prov. Lab | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 100% |
| China, Hunan | Prov. Lab | 97 | 1 | 0 | 12 | 78 | 0 | 6 | 79% | 13% | | Prov. Lab | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Jiangsu | Prov. Lab | 115 | 10 | 0 | 2 | 103 | 0 | 0 | 43% | 2% | | Prov. Lab | 26 | 0 | 6 | 0 | 0 | 14 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 95% |
| China, Jiangxi | Prov. Lab | 79 | 0 | 0 | 6 | 69 | 0 | 4 | 86% | 7% | | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Jilin | Prov. Lab | 25 | 0 | 0 | 1 | 24 | 0 | 0 | 78% | 4% | | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Shaanxi | Prov. Lab | 32 | 0 | 0 | 2 | 28 | 0 | 2 | 62% | 7% | | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Shandong | Prov. Lab | 172 | 2 | 0 | 10 | 157 | 0 | 3 | 66% | 4% | | Prov. Lab | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 100% |
| China, Shanghai | Prov. Lab | 14 | 2 | 0 | 0 | 12 | 0 | 0 | 96% | 0% | | Prov. Lab | 6 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 100% |
| China, Shanxi | Prov. Lab | 110 | 3 | 0 | 0 | 86 | 0 | 21 | 42% | 0% | | Prov. Lab | 8 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 100% |
| China, Sichuan | Prov. Lab | 150 | 3 | 0 | 16 | 129 | 0 | 2 | 26% | 9% | | Prov. Lab | 10 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 100% |
| China, Tianjin | Prov. Lab | 10 | 0 | 0 | 2 | 8 | 0 | 0 | 90% | 15% | | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Xinjiang | Prov. Lab | 38 | 1 | 0 | 2 | 35 | 0 | 0 | 92% | 4% | | Prov. Lab | 4 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Yunnan | Prov. Lab | 128 | 11 | 0 | 18 | 98 | 0 | 1 | 45% | 12% | | Prov. Lab | 24 | 0 | 7 | 0 | 0 | 7 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 93% |
| China, Zhejiang | Prov. Lab | 79 | 1 | 0 | 6 | 72 | 0 | 0 | 45% | 6% | | Prov. Lab | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 100% |
| China, Chongqing | Prov. Lab | 40 | 0 | 0 | 6 | 31 | 0 | 3 | 72% | 12% | | CCDC | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100% |
| China, Guizhou | Prov. Lab | 93 | 1 | 0 | 12 | 79 | 0 | 1 | 86% | 12% | | CCDC | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 100% |
| China, Hainan | Prov. Lab | 14 | 0 | 0 | 4 | 10 | 0 | 0 | 71% | 21% | | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Hubei | Prov. Lab | 82 | 0 | 0 | 11 | 71 | 0 | 0 | 56% | 13% | | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Liaoning | Prov. Lab | 65 | 0 | 0 | 0 | 61 | 0 | 4 | 86% | 0% | | CCDC | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 100% |
| China, Neimongol | Prov. Lab | 48 | 0 | 0 | 1 | 47 | 0 | 0 | 64% | 1% | | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Ningxia | Prov. Lab | 16 | 0 | 0 | 0 | 15 | 0 | 1 | 70% | 0% | | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Qinghai | Prov. Lab | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 100% | 0% | | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Tibet | Prov. Lab | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0% | 0% | | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hong Kong (China) | PHLC | 7 | 0 | 0 | 0 | 7 | 0 | 0 | 95% | 0% | 28-May-14 | PHLC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Macao (China) | PHLC | 0 | - | - | - | - | - | - | - | - | 28-May-14 | PHLC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | | 2910 | 50 | 1 | 251 | 2495 | 43 | 72 | 65% | 7% | | | 136 | 0 | 31 | 0 | 0 | 58 | 2 | 0 | 45 | 0 | 3 | 0 | 0 | 96% |

1. IESR (Institute of Environmental Science and Research, New Zealand); IMR (Institute of Medical Research, Malaysia); NIH (National Institute of Health, Republic of Korea); NIHE (National Institute of Hygiene and Epidemiology, Ha Noi, Viet Nam); NIID (National Institute of Infectious Diseases, Japan); PHI (Public Health Institute, Mongolia); PHLC (Public Health Laboratory Center, Hong Kong); PI (Pasteur Institute, Ho Chi Minh, Viet Nam); RITM (Research Institute for Tropical Medicine, Philippines); SGH (Singapore General Hospital); VIDRL (Victorian Infectious Diseases Reference Laboratory, Australia)

2. The target of 14 days for the timeliness of virus isolation will be used for all polio laboratories

3. NPEV growing in L20B cells

4. Twenty-two provincial laboratories in China perform ITD from 2013

Table 3A. Laboratory confirmation of polio isolates from other sources in 2013¹

| Country | Intratyptic differentiation lab. ² | Non-AFP cases | | | | | | | | | | | | | | Environmental samples | | | | | | | | | | | | | | |
|---------------------|---|--|---|----------|-----------|----------|----------|-----------|----------|----------|-----------|----------|--------------------|-------------|-------------------------------|-----------------------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|-------------|-------------------------------|----------|
| | | Total number of non-AFP cases tested for polio | Total number of non-AFP cases with polio isolates | Type 1 | | | Type 2 | | | Type 3 | | | NPEV grown in L20B | Pending ITD | Discordant pending sequencing | Total number of samples processed | Total number of samples with polio isolates | Type 1 | | | Type 2 | | | Type 3 | | | NPEV grown in L20B | Pending ITD | Discordant pending sequencing | |
| | | | | Wild | Sabin | VDPV | Wild | Sabin | VDPV | Wild | Sabin | VDPV | | | | | | Wild | Sabin | VDPV | Wild | Sabin | VDPV | Wild | Sabin | VDPV | | | | |
| Australia | VIDRL | 269 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Japan | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| Malaysia | IMR | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 33 | 4 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 27 | 0 | 0 |
| Mongolia | PHI | 158 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| New Zealand | IESR | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Philippines | VIDRL | 6 | 6 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Republic of Korea | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Singapore | SGH | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Viet Nam, North | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Viet Nam, South | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China (total) | | 28 | 28 | 0 | 15 | 0 | 0 | 11 | 1 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Anhui | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Beijing | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Fujian | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Gansu | Prov. Lab | 7 | 7 | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Guangdong | Prov. Lab | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Guangxi | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Hebei | Prov. Lab | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Heilongjiang | Prov. Lab | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Henan | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Hunan | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Jiangsu | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Jiangxi | Prov. Lab | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Jilin | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Shaanxi | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Shandong | Prov. Lab | 2 | 2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Shanghai | Prov. Lab | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Shanxi | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Sichuan | Prov. Lab | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Tianjin | Prov. Lab | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Xinjiang | Prov. Lab | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Yunnan | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Zhejiang | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Chongqing | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Guizhou | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Hainan | CCDC | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Hubei | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Liaoning | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Neimongol | CCDC | 3 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Ningxia | CCDC | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Qinghai | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| China, Tibet | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Hong Kong (China) | PHLC | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | | 462 | 36 | 0 | 21 | 0 | 0 | 13 | 1 | 0 | 14 | 0 | 56 | 0 | 0 | 0 | 33 | 4 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 27 | 0 | 0 |

1. Based on year of collection of sample, if available. Otherwise, based on year of receipt at reference laboratory.

2. CCDC (Chinese Center for Disease Control and Prevention, China); IESR (Institute of Environmental Science and Research, New Zealand); IMR (Institute of Medical Research, Malaysia); NIID (National Institute of Infectious Diseases, Japan); PHI (Public Health Institute, Mongolia); PHLC (Public Health Laboratory Center, Hong Kong); SGH (Singapore General Hospital); VIDRL (Victorian Infectious Diseases Reference Laboratory, Australia)

Table 3B. Laboratory confirmation of polio isolates from other sources in 2014¹

| Country | Intratype differentiation lab ² | Non-AFP cases | | | | | | | | | | | | | Environmental samples | | | | | | | | | | | | | | |
|---------------------|--|--|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|-------------|-------------------------------|-----------------------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|-------------|-------------------------------|
| | | Total number of non-AFP cases tested for polio | Total number of non-AFP cases with polio isolates | Type 1 | | | Type 2 | | | Type 3 | | | NPEV grown in L20B | Pending ITD | Discordant pending sequencing | Total number of samples processed | Total number of samples with polio isolates | Type 1 | | | Type 2 | | | Type 3 | | | NPEV grown in L20B | Pending ITD | Discordant pending sequencing |
| | | | | Wild | Sabin | VDPV | Wild | Sabin | VDPV | Wild | Sabin | VDPV | | | | | | Wild | Sabin | VDPV | Wild | Sabin | VDPV | Wild | Sabin | VDPV | | | |
| Australia | VIDRL | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Japan | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | |
| Malaysia | IMR | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 9 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 4 | 0 | 0 | |
| Mongolia | PHI | 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| New Zealand | IESR | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Philippines | VIDRL | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Republic of Korea | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Singapore | SGH | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Viet Nam, North | NIID | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Viet Nam, South | NIID | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China (total) | | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Anhui | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Beijing | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Fujian | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Gansu | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Guangdong | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Guangxi | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Hebei | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Heilongjiang | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Henan | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Hunan | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Jiangsu | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Jiangxi | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Jilin | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Shaanxi | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Shandong | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Shanghai | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Shanxi | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Sichuan | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Tianjin | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Xinjiang | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Yunnan | Prov. Lab | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Zhejiang | Prov. Lab | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Chongqing | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Guizhou | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Hainan | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Hubei | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Liaoning | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Neimongol | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Ningxia | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Qinghai | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| China, Tibet | CCDC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Hong Kong (China) | PHLC | 0 | - | - | - | - | - | - | - | - | - | - | - | - | 0 | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Total | | 144 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 9 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 5 | 0 | 4 | 0 | | |

1. Based on year of collection of sample, if available. Otherwise, based on year of receipt at reference laboratory.

2. CCDC (Chinese Center for Disease Control and Prevention, China); IESR (Institute of Environmental Science and Research, New Zealand); IMR (Institute of Medical Research, Malaysia); NIID (National Institute of Infectious Diseases, Japan); PHI (Public Health Institute, Mongolia); PHLC (Public Health Laboratory Center, Hong Kong); SGH (Singapore General Hospital); VIDRL (Victorian Infectious Diseases Reference Laboratory, Australia)

Table 4. Vaccine-derived poliovirus, 2000–2013

| Country | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------------------|-----------------|------------------------------------|------------------------------------|-----------------|---|------------------|---|-------------------------------------|------|-----------------|--------------------------------------|--|---|---|
| Cambodia | | | | | | cVDPV3 (1 case) | cVDPV3 (1 case) | | | | | | | |
| China | aVDPV1 (1 case) | iVDPV1 (1 case) aVDPV3 (1 case) | aVDPV1 (1 case) aVDPV3 (1 case) | | cVDPV1 (2 cases) ?VDPV1 (4 cases) ?VDPV2 (1 case) | iVDPV2 (1 case) | aVDPV1 (1 case) ?VDPV1 (7 cases) VDPV3 (1 case) | aVDPV1 (3 cases) ?VDPV1 (1 case) | | aVDPV2 (1 case) | aVDPV2 (5 cases) aVDPV3 (2 cases) | aVDPV1 (1 case) aVDPV2 (3 cases) cVDPV2 (2 cases) iVDPV2 (2 cases) iVDPV3 (1 case) | aVDPV1 (1 case) aVDPV2 (2 cases) cVDPV2 (3 cases) iVDPV2 + iVDPV3 (1 case) | aVDPV2 (1 case) iVDPV2 + iVDPV3 (1 case) |
| Hong Kong (China) | | | | | | ?VDPV? (3 cases) | | | | | | | | |
| Japan | | | | | ?VDPV? (1 case) | ?VDPV3 (1 case) | | | | | | | | |
| Lao People's Democratic Republic | | | | | aVDPV2 (1 case) ?VDPV? (2 cases) | | | | | | | | | |
| Mongolia | | | | ?VDPV? (1 case) | | | | | | | | | | |
| Philippines | | cVDPV1 (3 cases) | | | | | | | | | | | | |
| Viet Nam | | | | | | | | | | | | | aVDPV2 (2 cases) | |