

CURRENT EPIDEMIOLOGY OF POLIO IN PAKISTAN

As of 28th March 2014, 39 type-1 wild poliovirus (WPV) cases have been reported from seven districts/ towns/ tribal agencies/ FR areas (compared to six in 2013 from six districts/ towns/ tribal agencies/ FR areas). Moreover, WPV-1 has also been isolated from 11 environmental samples in 2014 (out of 52 samples for which results are available) from Gaddap, Baldia and Gulshan-e-Iqbal towns in Karachi Sindh, Peshawar in Khyber Pakhtunkhwa and Rawalpindi in Punjab. Six sabin-2 like poliovirus cases have also been reported from FATA, (four from North Waziristan agency and two from FR Bannu).

Following are the key epidemiological characteristics of polio cases reported in 2014 so far:

- 35 (89.7%) polio cases are younger than two years (median age: 16 months).
- Based on recall of parents, 34 (87.2%) cases did not receive any OPV dose (through routine vaccination and/or campaigns).

It is worth mentioning that, 82% (76/93) polio cases in 2013 and all except one in 2014 have been reported together from Khyber Pakhtunkhwa and FATA, indicating that these regions remain the key polio reservoirs in the country. Situation in Karachi has also turned very concerning, considering the fact that all the three high risk towns (Gadap, Gulshan-e-Iqbal and Baldia) have the continuous presence of wild poliovirus during the last five months (positive environmental samples and polio cases). This situation in Karachi correlates with deteriorating quality of supplementary immunization activities (SIAs) in 2013 and early 2014.

In Punjab, positive environmental samples were reported from Lahore and Multan towards the end of 2013. Rawalpindi is the only district in Punjab which has detected wild poliovirus in 2014 so far. The available genetic analysis data confirms local circulation of wild poliovirus (type-1) since September 2013 which signifies substantial immunity gap. Rawalpindi is the only district other than Peshawar and Karachi which has consecutive positive environmental samples during the past four months. Considering these facts, there is likelihood of Rawalpindi turning into a polio reservoir, if urgent measures are not taken to immediately improve the quality of the upcoming SIAs. It is pertinent to mention that Rawalpindi has ongoing extensive population movement with parts of FATA and Khyber Pakhtunkhwa having intense wild poliovirus circulation.

Balochistan province that did not report any polio case during 2013, reported a positive environmental sample from Quetta (collected on 28th December). The genetic analysis of the isolated virus indicates missed viral circulation for more than a year; which in turn indicates missed populations by the Supplementary Immunization Activities (SIAs)

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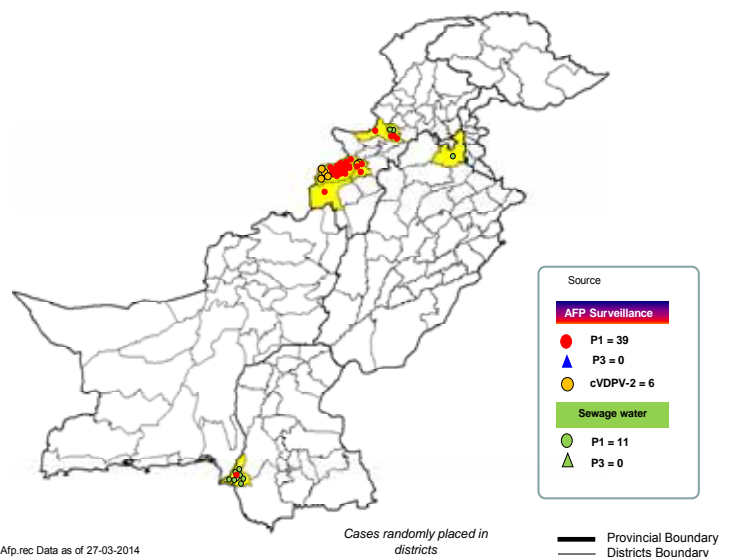
and AFP surveillance. The ongoing sub-optimal quality of SIAs in Quetta Block complements the findings of the genetic analysis. An impending polio outbreak cannot be ruled out in the region.

It is important to highlight that environmental samples from Faisalabad and Sukkur have been negative for over a year and in Hyderabad for the last six months.

In conclusion, poliovirus circulation in the country can be seen over a wider geographically area (compared to first half of 2013). The low transmission season however provides a superb opportunity to stop the wild poliovirus circulation. With almost one month left in the season; the following is to re-emphasize as key to stopping wild poliovirus circulation:

- Consistent access to all the children in reservoirs of Peshawar (and central Khyber Pakhtunkhwa) and Karachi
- Gaining access to North and South Waziristan and consistently vaccinating all the children in Khyber agency (particularly Bara tehsil)
- Highest quality SIAs in Punjab, interior Sindh and Balochistan to avert the risk of introduction and establishment of wild poliovirus,
- High quality vaccination activities (routine and SIAs) for populations on the move from polio reservoirs.

Map-1: Poliovirus Isolates 2014 (As of 28-03-2014)



* Afp.rec Data as of 27-03-2014

News Briefs and Events

- Meeting on Cross Border Coordination for Polio eradication in Afghanistan and Pakistan was held on 14th March at Islamabad
- The eighth round of polio supplementary immunization activities (SIAs), utilizing enhanced operational and security arrangements was conducted on 22nd March, in 96/97 union councils of Peshawar district in Khyber Pakhtunkhwa.
- Sub National Immunization Days (SNIDs) are planned using bivalent OPV from 14-16 April 2014

Peshawar Special SIAs with Enhanced Operational & Security Arrangements

Peshawar has had peculiar epidemiological and security situation since December 2012. There has been persistent isolation of wild poliovirus type-1 in the environmental samples for substantial period; in fact 89% (24/27) of the environmental samples collected from Peshawar during Jan 2013 to Jan 2014 have been positive for wild poliovirus. This is complemented by the sub-optimal vaccination activities in Peshawar. Peshawar missed 05 planned polio vaccination rounds since December 2012. Moreover, the quality of the implemented vaccination rounds has also not been up to the standards required to achieve eradication; 61.5% (107/174) of the lots (union councils) assessed through Lot Quality Assurance Sampling (LQAS during 2013, did not pass. It is important to mention that 29.8% of the Non Polio AFP cases aged 6-23 months, did not received three OPV doses through routine EPI, indicating sub-optimal routine immunization coverage.

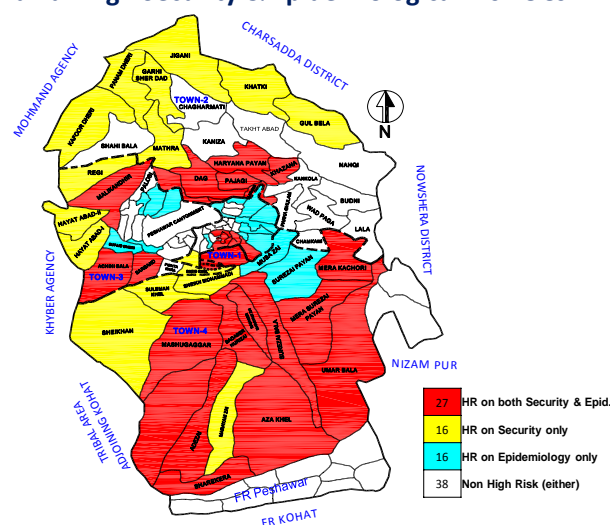
Keeping in view the concerning situation, the Provincial Government of Khyber Pakhtunkhwa planned a special initiative in Peshawar to reaching maximum children for polio vaccination as well as to ensure the safety of the polio eradication workers. Operationally, the Supplementary Immunization Activities (SIAs) are to be completed in one day and weekends are to be utilized for this purpose. This is in view of direct security threat to the polio field workers and reducing the time of their field exposure. This will also allow availing the services of all the line departments and catching most of the children at houses. It is planned to perform this practice for twelve consecutive Sundays (targeting high risk union councils in some vaccination rounds and entire district in the others). The initiative also includes intensified routine immunization services. Curative services through medical camps, dengue fever awareness and distribution of hygiene/health kits are also planned in high risk union councils. The security plan is being led by the Capital City Police Officer (CCPO) and all the relevant departments are being fully engaged. The key focus is on providing overall safe environment for vaccinators. Special measures are being taken before the SIAs (reconnaissance etc.) and during the implementation phase (final go ahead by the local police station house officer, necessary cordoning, motorbike riding ban, special snap checks etc.). The support of local communities is being obtained through mobilizing local volunteers.

Eight vaccination rounds have been conducted in Peshawar since 2nd February 2014. It is important to note that a substantial scale vaccination rounds was conducted in Peshawar first time in 2014, on second February. There has not been any significant security incident due to comprehensive arrangements led by the Capital City Police. High commitment from the political and administrative leadership was also witnessed. The table below indicates the scale of the vaccination rounds and the number of children reached.

It is important to mention that the eight vaccination rounds without any security incidents have counted significantly towards confidence building of the frontline workers. Despite the fact that there has been gradual expansion in the geographical scale of the vaccination rounds, still there is one union council that is not reached during any of the vaccination rounds due to insecurity. As per the monitoring reports, the quality of vaccination has also improved over time. The initiative of presenting polio vaccination as part of a comprehensive health package in high risk UCs helped gaining better acceptance from the community.

About four more vaccination rounds are planned till the end of April 2014. The key challenges include the maintenance of the enhanced security arrangements and the commitment of all the engaged stake holders. Further improving reach to all the children, especially the ones who remain unvaccinated during the first visit of the vaccination team, will be critical. The initiative is being considered to be possibly replicated with necessary amendments in other areas of the country with intense poliovirus circulation.

Peshawar High Security & Epidemiological Risk UCs



Vaccination round	Union Councils reached for vaccination	Estimated target children < 5 years	Children vaccinated		Registered children remained un-vaccinated at the end of the vaccination round	
			Number	Percentage	Number	Percentage
Feb 2	45	438,286	365,635	83.4	22,327	5.1
Feb 9	60	519,843	447,189	86	26,468	5.1
Feb 16	77	635,675	546,099	85.9	37,915	6
Feb 22	77	635,675	560,881	88.2	37,289	5.9
Mar 1	95	741,259	650,405	87.7	44,837	6
Mar 9	95	741,259	642,217	86.6	49,265	6.6
Mar 15	95	741,259	640,572	86.4	50,250	6.8
Mar 22	96	745,163	651,501	87.4	52,314	7

Global Update (as of 28th March 2014)

50 polio cases have been reported in 2014, 44 from endemic countries (Pakistan-39, Afghanistan-04, Nigeria-01) and six from non-endemic countries (Cameroon-03, Equatorial Guinea-01, Ethiopia-01, Iraq-01)

406 polio cases were reported in 2013 as compared to 216 in 2012, 160 from endemic countries and 246 from non-endemic countries. The case count by country is: Pakistan-93, Afghanistan-14, Nigeria-53, Somalia-194, Kenya-14, Ethiopia-09, Cameroon-04, Syria-25.

For details, please visit: www.polioeradication.org

Key AFP Surveillance Indicators 2013

Overall AFP surveillance indicators in year 2013 are above the international standards at the national level as well as in major provinces and majority of districts, towns and tribal agencies (data on pages 3-8).

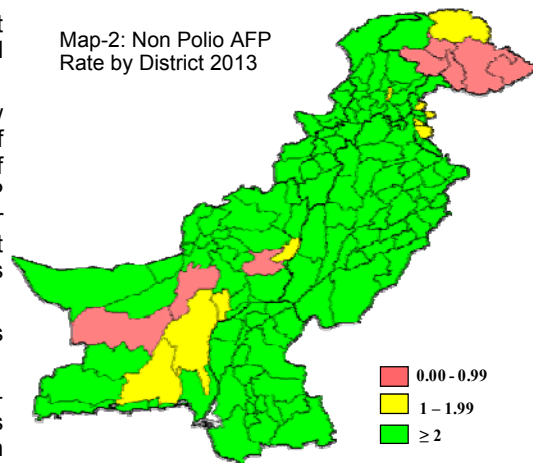
At the national level the annualized non polio AFP rate is 5.9 per 100,000 children below 15 years of age. All provinces and regions except Gilgit Baltistan have the required rate of 2 or above. The indicator is also above the international standards in 90% (147/163) of the districts/towns/agencies (map-2). Majority of districts with sub-optimal non-polio AFP rate have small populations and hence low number of expected AFP cases however Saddar town (Karachi), Kotli district (AJK) and Khuzdar (Balochistan) have significant number of expected cases. Districts Kohlu and Washuk in Balochistan; and districts Gilgit, Skardu and Ghanche in Gilgit Baltistan have not reported any AFP case.

Eighty three percent of the districts/towns/agencies (132/158) which reported AFP cases had adequate stool specimen collection rate above the international standard of 80%.

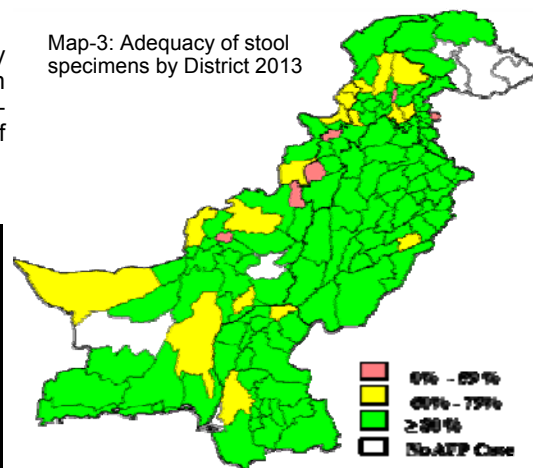
Isolation of non-polio enterovirus (NPEV) is an indicator of reverse cold chain management. At the national level the NPEV isolation rate from stool specimens of AFP cases as well as their close contacts is 18% with all provinces and regions having NPEV isolation rate of at least 10% or above except AJK (6%). 85% of districts had NPEV isolation rate of 10% or above (among those with at least 10 stool samples collected). Majority of the districts with no NPEV isolation have few AFP cases and specimens. Of concern are districts Poonch, Bhimber, Mirpur and Bagh in AJK; districts Bolan and Dera Bugti in Balochistan and Gulberg town (Karachi) in Sindh, where there is no isolation of NPEV, vaccine virus or wild poliovirus despite good number of stool specimens collected.

All the districts/ towns/ agencies/ areas with sub-optimal surveillance indicators especially those which have persistent low indicators need to review their AFP surveillance system for the causes of low performance and take corrective actions accordingly. Actions to improve the situation and maintaining the status in well performing districts should be part of the district specific plan and should be regularly reviewed.

Map-2: Non Polio AFP Rate by District 2013



Map-3: Adequacy of stool specimens by District 2013



Low NPEV Isolation in Districts with minimum 10 stool samples in 2013							
District	NPEV %	District	NPEV %	District	NPEV %	District	NPEV %
Bagh	0	Bolan	0	Khi Saddar	6	Mianwali	8
Bhimber	0	Khi Gulberg	0	Narowal	7	Gwadar	8
Mirpur	0	N Feroz	2	KhiNNazim	7	Shangla	9
Poonch	0	Khi Malir	3	Bahawalpur	7	Chakwal	9
DBugti	0	Khi Jamshed	5	Pakpatten	8	Khi North	9

Province-wise AFP Surveillance Data for 2013 & 2014

Province/Region	AFP Surveillance Data 2013						AFP Surveillance Data 2014 [§]									
	Minimum Expected AFP* Cases (Annual)*	Total Reported AFP Cases	Wild Polio Cases	Indicators			Minimum Expected AFP* Cases (Annual)*	Total Reported AFP Cases	Wild Polio virus Cases	Indicators			Zero Reporting [‡]			Active Surveillance (%) [‡]
				Non-Polio AFP Rate	Cases with Adequate Specimens (%) [†]	60 Day Follow Up (%) [†]				Non-Polio AFP Rate**	Cases with Adequate Specimens (%) [†]	60 Day Follow Up (%) [†]	No. Zero Reporting Sites	Completeness (%) [‡]	Timeliness (%) [‡]	
PUNJAB	842	2299	7	5.44	92	100	857	309	0	3.51	94	***	2010	100	23	100
SINDH	359	967	10	5.30	91	99	366	153	0	4.05	95	***	1507	97	94	84
FATA	35	308	65	11.54	82	25	35	62	15	8.52	95	***	231	18	8	47
BALUCHISTAN	76	198	0	5.11	85	94	77	40	0	5.04	83	***	563	83	81	87
AJK	33	52	0	3.13	92	100	34	9	0	2.59	100	***	124	100	100	100
ISLAMABAD	13	17	0	2.68	100	0	13	0	0	0.00	***	***	42	***	***	***
GBALTISTAN	14	8	0	1.12	88	100	15	2	0	1.34	100	***	42	***	***	***
KHYBER PAKH-TUNKHWA	211	926	11	8.69	83	90	214	123	2	5.45	90	***	1212	27	30	66
TOTAL	1583	4775	93	5.9	89	92	1609	585	17	4	94	***	5731	¥71	¥56	¥81

* The expected number of AFP cases calculated @ 2/100,000 children below 15 years of age; number expected cases by province may not add up to the total because of rounding off ** Non Polio rate is annualized up to week No. 04 ended on 25th January 2014 *** Data not Available ‡ Zero reports and active surveillance averaged for last 4 weeks † Target ≥80% O Indicator below target § Population data source: Federal EPI ¥ For received reports only

FEEDBACK

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Website: www.whopak.org

DISTRICT WISE SUMMARY OF SURVEILLANCE DATA - PUNJAB

District	AFP Surveillance Data 2013						AFP Surveillance Data 2014 ^{\$}									
	Minimum Expected AFP Cases (Annual)*	Total Reported AFP Cases	Wild Polio Cases	Indicators			Minimum Expected AFP Cases (Annual)*	Total Reported AFP Cases	Wild Polio Cases	Indicators			Zero Reporting†‡			Active Surveillance (%) †‡
				Non-Polio AFP Rate	Cases with Ade-quate Specimens	60 Day Follow Up (%)†				Non-Polio AFP Rate **	Cases with Ade-quate Specimens	60 Day Follow Up (%)†	Number of Sites	Completeness (%) †‡	Timeliness (%) †‡	
ATTOCK	14	33	0	4.76	97	100	14	6	0	4.14	83	***	77	100	93	100
BAHAWALPUR	29	68	0	4.66	94	100	30	5	0	1.64	100	***	73	100	94	100
BAHWLNAGAR	23	83	0	7.25	93	100	23	12	0	5.02	92	***	90	100	100	100
BHAKKAR	12	42	0	6.94	100	100	12	5	0	3.95	100	***	14	100	100	100
CHAKWAL	11	38	0	6.64	100	100	12	6	0	5.01	100	***	18	100	100	100
CHINIOT	10	31	0	5.96	94	100	11	6	0	5.52	100	***	12	100	98	100
DGKHAN	20	123	0	12.14	89	99	21	22	0	10.39	95	***	56	100	80	100
FAISALABAD	61	106	0	3.48	82	100	62	14	0	2.20	100	***	37	100	100	100
GUJRANWALA	40	107	0	5.38	94	100	40	21	0	5.05	95	***	47	100	91	100
GUJRAT	22	64	0	5.76	97	100	23	7	0	3.01	86	***	118	100	90	100
HAFIZABAD	9	31	0	6.81	97	100	9	4	0	4.20	100	***	54	100	87	100
JHANG	20	60	0	5.95	83	100	21	4	0	1.90	100	***	20	99	99	100
JHELUM	10	39	0	7.78	97	100	10	6	0	5.73	100	***	72	100	100	100
KASUR	27	66	0	4.88	97	100	28	9	0	3.18	100	***	82	100	97	100
KHANEWAL	23	73	0	6.33	88	100	23	10	0	4.15	90	***	30	93	93	100
KHUSHAB	10	17	0	3.53	94	100	10	3	0	2.98	100	***	16	100	100	100
LAHORE	79	129	0	3.25	94	100	81	24	0	2.90	96	***	42	95	83	100
LAYYAH	13	36	0	5.34	89	100	14	3	0	2.13	67	***	37	100	100	100
LODHRAN	14	52	0	7.69	96	100	14	8	0	5.66	100	***	44	100	90	100
MBDIN	12	41	1	6.61	95	100	12	3	0	2.37	100	***	61	100	90	100
MIANWALI	12	50	1	8.41	94	100	12	4	0	3.29	100	***	17	100	100	100
MULTAN	36	104	0	5.79	92	100	37	22	0	5.86	86	***	46	100	98	100
MUZFARGARH	33	121	0	7.38	90	100	33	11	0	3.21	82	***	48	100	83	100
NANKANASAHIB	15	32	0	4.38	97	100	15	3	0	1.96	100	***	29	100	95	100
NAROWAL	13	37	0	5.55	97	100	14	2	0	1.44	100	***	84	100	100	100
OKARA	25	72	0	5.80	90	100	25	10	0	3.85	100	***	39	100	90	100
PAKPATTEN	14	32	0	4.43	81	100	15	2	0	1.32	100	***	50	100	84	100
RAJANPUR	14	74	0	10.92	89	100	14	9	0	6.36	100	***	39	100	81	100
RAWALPINDI	39	71	0	3.65	87	100	40	6	0	1.48	83	***	120	100	97	100
RYKHAN	38	81	0	4.24	93	100	39	13	0	3.26	85	***	80	100	83	100
SAHIWAL	20	52	1	5.13	88	100	20	1	0	0.48	100	***	39	100	91	100
SARGODHA	28	54	0	3.84	93	100	29	9	0	3.06	89	***	159	100	100	100
SHEIKUPURA	24	69	1	5.78	91	100	24	8	0	3.25	100	***	89	100	95	100
SIALKOT	30	67	0	4.41	97	100	31	13	0	4.09	100	***	131	100	100	100
TTSINGH	17	61	3	6.55	85	100	18	8	0	4.40	100	***	14	100	97	100
VEHARI	24	83	0	6.91	94	100	24	10	0	3.99	90	***	26	100	100	100
PUNJAB	842	2299	7	5.44	92	100	857	309	0	3.51	94	***	2010	¥100	¥94	¥100

* The expected number of AFP cases calculated @ 2/100,000 children below 15 years of age; number expected cases by province may not add up to the total because of rounding off
 ** Non Polio rate is annualized up to week No. 04 ended on 25th January 2014
 *** Data not Available
 † Zero reports and active surveillance averaged for last 4 weeks
 ‡ Target ≥80% 0 Indicator below target \$ Population data source: Federal EPI ¥ For received reports only

DISTRICT WISE SUMMARY OF SURVEILLANCE DATA - SINDH

Town/District	AFP Surveillance Data 2013							AFP Surveillance Data 2014 ⁵									
	Minimum Expected AFP Cases * (Annual)	Total Reported AFP Cases	Wild Polio Cases	Indicators			Minimum Expected AFP Cases * (Annual)	Total Reported AFP Cases	Wild Polio Cases	Indicators			Zero Reporting†‡			Active Surveillance (%) † ‡	
				Non-Polio AFP Rate	Cases with Adequate Specimens (%)	60 Day Follow Up (%) †				Non-Polio AFP Rate **	Cases with Adequate	60 Day Follow Up (%) †	Number of Sites	Completeness (%) † ‡	Timeliness (%) † ‡		
Town Wise Summary — Karachi																	
BALDIA	6	12	2	3.27	58	100	6	3	0	3.13	100	***	20	100	100	100	
BINQASIM	5	13	2	4.54	85	100	5	***	0	***	***	***	22	100	100	96	
GADAP	4	34	2	12.92	71	97	4	4	0	8.83	75	***	12	100	100	100	
GULSHAN-E-IQBAL	8	17	1	3.81	100	100	9	3	0	3.41	100	***	20	100	85	100	
GULBERG	5	6	0	2.20	100	100	6	3	0	5.26	100	***	14	100	100	100	
JAMSHEED	9	10	0	2.22	80	90	9	***	0	***	***	***	18	100	78	42	
KAMARI	6	8	0	2.71	63	100	6	***	0	***	***	***	11	100	100	100	
KORANGI	8	10	0	2.66	80	100	8	1	0	1.27	0	***	13	100	100	100	
LANDHI	9	12	1	2.35	100	100	10	***	0	***	***	***	22	100	100	100	
LAYARI	6	7	0	2.19	57	100	7	1	0	1.50	100	***	15	100	100	100	
LIAQATABAD	8	10	0	2.56	100	100	8	3	0	3.67	100	***	17	94	94	100	
MALIR	6	13	0	4.26	100	100	6	***	0	***	***	***	13	100	100	100	
N NAZIMABAD	6	7	0	2.34	100	100	6	2	0	3.20	100	***	14	100	100	100	
NORTH KARACHI	8	16	0	3.89	100	100	8	2	0	2.32	100	***	16	94	94	100	
ORANGI	11	25	0	4.58	92	96	11	4	0	3.51	100	***	21	100	78	89	
SADDAR	9	9	0	1.92	89	100	10	***	0	***	***	***	21	99.5	100	97	
SHAHFAISAL	5	11	0	4.31	100	100	5	***	0	***	***	***	11	100	100	100	
SITE	7	13	0	3.69	92	100	7	***	0	***	***	***	16	100	100	100	
District Wise Summary— Sindh																	
KARACHI	128	233	8	3.46	87	99	130	26	0	1.87	92	***	296	¥99	¥96	¥96	
BADIN	12	45	0	7.25	98	100	13	5	0	3.86	100	***	54	***	100	90	
DADU	13	27	1	4.11	93	100	13	14	0	10.5	100	***	64	***	***	***	
GHOTKI	12	73	0	12.25	92	100	12	6	0	4.82	100	***	50	98.5	***	83	
HYDERABAD	16	36	0	4.54	86	100	16	8	0	4.82	75	***	30	***	98	20	
JACOBABAD	8	30	0	7.60	90	100	8	2	0	2.42	100	***	45	100	***	***	
JAMSHORO	7	24	0	7.21	79	100	7	2	0	2.88	100	***	37	***	78	***	
KAMBAR	11	32	0	5.72	91	100	11	4	0	3.42	100	***	52	***	***	***	
KASHMORE	7	14	1	3.57	86	100	7	2	0	2.63	100	***	39	80.75	***	***	
KHAIRPUR	18	60	0	6.74	98	100	18	10	0	5.37	90	***	102	100	80	50	
LARKANA	12	28	0	4.61	100	96	12	9	0	7.09	100	***	52	100	100	95	
MATIARI	5	21	0	8.00	100	100	5	2	0	3.65	100	***	40	91.5	92	95	
MIRPURKHAS	10	68	0	13.08	99	100	11	13	0	11.9	100	***	104	87	87	80	
NFEROZ	11	22	0	4.00	91	100	11	2	0	1.74	100	***	60	95	86	***	
SANGHAR	17	32	0	3.81	84	100	17	8	0	4.56	88	***	55	100	93	94	
SBENAZIRABAD	11	14	0	2.58	100	100	11	5	0	4.40	100	***	61	***	100	100	
SHIKARPUR	10	25	0	5.16	92	100	10	11	0	10.8	100	***	54	100	***	***	
SUKKUR	11	26	0	4.87	92	96	11	4	0	3.59	100	***	70	100	93	100	
T.ALLAHYAR	5	21	0	8.01	81	100	5	5	0	9.13	100	***	34	***	100	70	
THARPARKAR	11	27	0	4.88	93	100	11	3	0	2.60	100	***	98	96	***	92	
THATTA	12	54	0	8.88	91	100	12	7	0	5.51	100	***	58	100	96	80	
TMKHAN	4	25	0	11.51	96	100	4	3	0	6.61	100	***	12	100	100	100	
UMERKOT	8	30	0	7.35	93	100	8	2	0	2.35	50	***	40	***	100	98	
SINDH	359	967	10	5.30	91	99	366	153	0	4.05	95	***	1507	¥97	¥94	¥84	

* The expected number of AFP cases calculated @ 2/100,000 children below 15 years of age; number expected cases by province may not add up to the total because of rounding off
 † Non Polio rate is annualized up to week No. 04 ended on 25th January 2014 ** Data not Available ‡ Zero reports and active surveillance averaged for last 4 weeks
 † Target ≥80% 0 Indicator below target \$ Population data source: Federal EPI ¥ For received reports only

DISTRICT WISE SUMMARY OF SURVEILLANCE DATA - KHYBER PAKHTUNKHWA & FATA

District /Agency	AFP Surveillance Data 2013						AFP Surveillance Data 2014 [§]										Active Surveillance (%)†‡
	Minimum Expected AFP Cases (Annual) *	Total Reported AFP Cases	Wild Polio Cases	Indicators			Minimum Expected AFP Cases (Annual) *	Total Reported AFP Cases	Wild Polio Cases	Indicators			Zero Reporting‡				
				Non-Polio AFP Rate **	Cases with Ade-quate Speci-	60 Day Follow Up (%) †				Non-Polio AFP Rate **	Cases with Ade-quate Speci-	60 Day Follow	Number of Sites	Completeness (%) †‡	Timeliness (%) †‡		
District Wise Summary — Khyber-Pakhtunkhwa																	
ABOTABAD	9	34	0	7.40	79	94	9	9	0	9.38	100	***	93	67	86	***	
BANNU	8	25	1	6.07	92	100	8	5	1	4.84	80	***	43	0	0	***	
BATAGRAM	3	10	0	7.23	100	50	3	2	0	6.92	100	***	31	75	100	***	
BUNIR	7	47	0	14.04	85	100	7	6	0	8.58	100	***	42	75	84	***	
CHARSADA	12	75	0	12.43	88	85	12	9	0	7.13	78	***	49	0	0	***	
CHITRAL	4	10	0	5.54	100	50	4	1	0	2.65	0	***	27	50	50	***	
DIKHAN	11	38	0	7.22	89	100	11	2	0	1.82	50	***	54	0	0	47	
DIRLOWER	9	43	0	9.53	81	100	9	4	0	4.24	75	***	62	75	100	***	
DIRUPPER	7	15	0	4.47	80	93	7	1	0	1.43	100	***	30	0	0	***	
HANGU	4	16	0	8.25	63	88	4	***	0	***	***	***	23	50	50	***	
HARIPUR	8	30	0	7.96	83	100	8	2	0	2.54	0	***	66	0	0	***	
KARAK	5	26	0	9.78	85	100	5	2	0	3.60	100	***	28	75	96	***	
KOHAT	7	33	1	9.23	85	76	7	4	0	5.52	100	***	40	0	0	***	
KOHISTAN	4	5	0	2.49	60	80	4	2	0	4.77	100	***	31	0	0	***	
LAKKIMRWT	6	58	0	19.40	86	98	6	5	0	8.00	80	***	57	75	92	***	
MALAKAND	6	27	1	9.21	100	100	6	6	0	10.17	100	***	46	0	0	***	
MANSEHRA	11	44	0	8.31	86	93	11	6	0	5.42	100	***	69	0	0	***	
MARDAN	18	104	2	11.65	88	100	18	13	0	7.11	100	***	77	0	0	89	
NOWSHERA	10	48	0	9.28	88	48	11	12	0	11.10	92	***	47	0	0	***	
PESHAWAR	26	125	5	9.30	67	95	26	18	1	5.93	89	***	124	0	0	69	
SHANGLA	5	13	0	4.84	85	85	5	***	0	***	***	***	35	0	0	***	
SWABI	12	56	1	8.99	86	66	12	12	0	9.38	100	***	63	0	0	***	
SWAT	16	29	0	3.69	79	86	16	1	0	0.61	100	***	48	30	30	***	
TANK	3	13	0	8.98	62	92	3	1	0	3.30	100	***	27	51	4	***	
TORGHAR	2	2	0	1.75	0	100	2	***	0	***	***	***	***	50	50	60	
K- PAKHTUNKHWA	211	926	11	8.69	83	90	214	123	2	5.45	90	***	1212	¥27	¥30	¥66	
Agency Wise Summary — FATA																	
BAJOUR	7	41	0	11.22	68	68	7	6	0	7.85	83	***	28	0	0	67	
FR Bannu	0	24	7	90.83	88	8	0	4	1	25.56	100	***	***	25	3	48	
FR DIKhan	1	2	1	3.70	100	0	1	***	0	0.00	***	***	***	10	10	0	
FR Kohat	0	2	0	8.91	50	100	0	***	0	0.00	***	***	***	0	0	46	
FR Lakki	0	2	0	31.37	100	0	0	***	0	0.00	***	***	***	0	0	89	
FR Peshawar	1	3	0	8.83	100	100	1	***	0	0.00	***	***	***	0	0	73	
FR Tank	0	1	0	5.09	100	0	0	***	0	0.00	***	***	***	0	0	94	
KHYBER	6	55	20	10.92	65	18	7	5	1	5.97	100	***	72	100	48	100	
KURRAM	4	6	0	2.69	100	33	5	***	0	0.00	***	***	30	0	0	94	
MOHMAND	4	14	0	6.33	71	57	4	***	0	0.00	***	***	26	0	0	100	
ORAKZAI	2	5	0	4.30	100	100	2	***	0	0.00	***	***	33	0	0	100	
WAZIR-N	4	136	35	33.33	91	13	4	46	13	53.16	96	***	24	0	0	***	
WAZIR-S	4	17	2	7.43	76	6	4	1	0	0.00	100	***	18	100	41	***	
FATA	6	35	308	65	11.54	82	25	35	62	15	8.52	95	***	231	¥18	¥8	¥47

* The expected number of AFP cases calculated @ 2/100,000 children below 15 years of age; number expected cases by province may not add up to the total because of rounding off ** Non Polio rate is annualized up to week No. 04 ended on 25th January 2014 *** Data not Available ‡ Zero reports and active surveillance averaged for last 4 weeks † Target ≥80% O Indicator below target § Population data source: Federal EPI ¥ For received reports only

DISTRICT WISE SUMMARY OF SURVEILLANCE DATA - BALOCHISTAN / GILGIT BALTISTAN

District	AFP Surveillance Data 2013						AFP Surveillance Data 2014 [§]									
	Minimum Expected AFP* Cases (Annual)*	Total Reported AFP Cases	Wild Polio Cases	Indicators			Minimum Expected AFP Cases (Annual)*	Total Reported AFP Cases	Wild Polio Cases	Indicators			Zero Reporting			Active Surveillance (%) † ‡
				Non-Polio AFP Rate	Cases with Ade-quate Specimens (%) †	60 Day Follow Up (%) †				Non-Polio AFP Rate**	Cases with Ade-quate Specimens (%) †	60 Day Follow Up (%) †	Number of Sites	Completeness (%) † ‡	Timeliness (%) † ‡	
AWARAN	1	1	0	1.92	100	100	1	***	0	***	***	***	12	***	***	***
BARKHAN	1	3	0	4.78	67	100	1	1	0	7.63	0	***	9	***	***	***
BOLAN	3	5	0	3.60	100	100	3	2	0	6.89	50	***	23	***	***	50
CHAGHAI	1	3	0	5.34	67	100	1	***	0	***	***	***	19	***	***	***
DBUGTI	2	5	0	4.43	80	80	2	1	0	4.24	0	***	9	***	***	***
GWADUR	2	6	0	5.40	83	100	2	***	0	***	***	***	11	83	83	100
HARNAI	1	1	0	2.11	100	0	1	***	0	***	***	***	10	***	***	***
JAFARABAD	5	25	0	9.34	84	100	5	9	0	16.75	78	***	38	***	***	67
JHALMAGSI	1	1	0	1.54	100	100	1	1	0	7.38	100	***	21	***	***	***
KABDULAH	5	10	0	3.81	70	100	5	2	0	3.64	100	***	26	81	81	100
KALAT	2	2	0	1.83	100	0	2	1	0	4.37	0	***	15	***	***	***
KECH	4	11	0	5.96	91	100	4	2	0	5.19	100	***	19	84	84	100
KHARAN	1	3	0	5.73	100	100	1	***	0	***	***	***	6	***	***	***
KHUZDAR	5	3	0	1.28	67	100	5	***	0	***	***	***	31	***	***	***
KOHLU	1	***	0	***	***	***	1	***	0	***	***	***	6	***	***	***
KSAIFULAH	2	3	0	3.05	67	100	2	***	0	***	***	***	14	***	***	100
LASBELA	4	8	0	4.25	100	100	4	1	0	2.54	100	***	40	96	85	75
LORALAI	2	6	0	5.52	100	100	2	2	0	8.81	100	***	19	***	***	***
MASTUNG	2	6	0	4.94	67	17	2	1	0	5.91	100	***	18	***	***	***
MUSAKHEL	1	3	0	4.06	100	100	2	1	0	6.47	0	***	10	***	***	***
NOSHKI	1	1	0	2.23	100	100	1	1	0	10.65	100	***	13	***	***	***
NSIRABAD	3	20	0	12.28	80	100	3	6	0	17.63	100	***	28	***	***	75
PANJGOUR	3	5	0	3.90	100	100	3	***	0	***	***	***	13	58	58	100
PISHIN	5	16	0	6.87	100	100	5	1	0	2.05	100	***	33	95	95	100
QUETTA	11	28	0	5.33	86	96	11	4	0	3.65	100	***	62	***	***	***
SHARANI	1	4	0	9.36	50	100	1	***	0	***	***	***	4	***	***	***
SIBI	2	4	0	4.63	100	100	2	3	0	16.63	100	***	20	***	***	75
WASHUK	1		0	0.00	***	***	1	***	0	***	***	***	9	***	***	***
ZHOB	2	12	0	9.26	83	100	2	1	0	4.03	100	***	15	***	***	100
ZIARAT	1	3	0	5.52	33	67	1	***	0	***	***	***	10	***	***	***
BALOCHISTAN	76	198	0	5.11	85	94	77	40	0	5.04	83	***	563	¥83	¥81	¥87

District Wise Summary of Surveillance Data - Gilgit-Baltistan																
ASTORE	1	1	0	1.78	100	100	1	***	0	***	***	***	5	100	100	100
DIAMIR	3	1	0	0.70	100	100	3	1	0	3.36	100	***	5	100	100	100
GHANCHE	1	***	0	***	***	***	1	***	0	***	***	***	7	100	100	100
GHIZER	2	5	0	5.55	80	100	2	***	0	***	***	***	7	100	100	100
GILGIT	2	***	0	***	***	***	2	***	0	***	***	***	12	100	100	100
HUNZANAGAR	1	1	0	1.36	100	100	1	1	0	6.50	100	***	***	100	100	100
SKARDU	3	***	0	0.00	***	***	4	***	0	***	***	***	6	100	100	100
G-BALTISTAN	14	8	0	1.12	88	100	15	2	0	1.34	100	***	42	¥100	¥100	¥100

* The expected number of AFP cases calculated @ 2/100,000 children below 15 years of age; number expected cases by province may not add up to the total because of rounding off ** Non Polio rate is annualized up to week No. 04 ended on 25th January 2014 *** Data not Available † Zero reports and active surveillance averaged for last 4 weeks ‡ Target ≥80% O Indicator below target \$ Population data source: Federal EPI ¥ For received reports only

DISTRICT WISE SUMMARY OF SURVEILLANCE DATA AJK & ISLAMABAD

District	AFP Surveillance Data 2013						AFP Surveillance Data 2014 [§]										Active Surveillance (%) † ‡
	Minimum Expected AFP Cases (Annual) *	Total Reported AFP Cases	Wild Polio Cases	Indicators			Minimum Expected AFP Cases (Annual) *	Total Reported AFP Cases	Wild Polio Cases	Indicators			Zero Reporting ‡				
				Non-Polio AFP Rate	Cases with Adequate Specimens (%) †	60 Day Follow Up (%) †				Non-Polio AFP Rate **	Cases with Adequate Specimens (%) †	60 Day Follow Up (%) †	Number of Sites	Completeness (%) † ‡	Timeliness (%) † ‡		
District Wise Summary of Surveillance Data - AJK																	
BAGH	3	12	0	7.48	83	100	3	***	0	***	***	***	15	100	100	100	
BHIMBER	3	6	0	3.55	100	100	3	***	0	***	***	***	11	100	100	100	
HATTIAN	2	2	0	2.21	100	100	2	***	0	***	***	***	8	100	100	100	
HAVELI	1	1	0	1.62	0	100	1	1	0	7.74	100	***	6	100	100	100	
KOTLI	6	4	0	1.27	100	100	6	1	0	1.52	100	***	18	100	100	100	
MIRPUR	4	7	0	3.86	100	100	4	***	0	***	***	***	26	100	100	100	
MUZAFFAR ABAD	5	10	0	3.73	100	100	5	4	0	7.13	100	***	16	100	100	100	
NEELUM	1	2	0	2.73	100	100	1	1	0	6.53	100	***	6	100	100	100	
POONCH	4	5	0	2.26	80	100	5	1	0	2.16	100	***	11	100	100	100	
SUDNUTI	2	3	0	2.49	100	100	2	1	0	3.97	100	***	07	100	100	100	
AJK	33	52	0	3.13	92	100	34	9	0	2.59	100	***	124	¥100	¥100	¥100	
District Wise Summary of Surveillance Data - Islamabad																	
ISLAMABAD	13	17	0	2.68	100	0	13	0	0	0.00	***	***	42	***	***	***	

* The expected number of AFP cases calculated @ 2/100,000 children below 15 years of age; number expected cases by province may not add up to the total because of rounding off ** Non Polio rate is annualized up to week No. 04 ended on 25th January 2014 *** Data not Available ‡ Zero reports and active surveillance averaged for last 4 weeks † Target ≥80% ‡ Indicator below target § Population data source: Federal EPI ¶ For received reports only

REPORTED AFP CASES BY WEEK OF ONSET[¶] — (Source RRL REC file 27/02/2014)

Province	Total AFP 2011	Total AFP 2012	W 43 26 Oct 2013	W 44 02 Nov 2013	W 45 09 Nov 2013	W 46 16 Nov 2013	W 47 23 Nov 2013	W 48 30 Nov 2013	W 49 07 Dec 2013	W 50 14 Dec 2013	W 51 21 Dec 2013	W 52 28 Dec 2013	W 01 04 Jan 2014	W 02 11 Jan 2014	W 03 18 Jan 2014	W 04 25 Jan 2014
Punjab	2632	2407	42	43	38	35	41	28	34	40	22	50	28	30	49	49
Sindh	1415	1212	22	11	18	17	22	21	14	17	13	16	9	16	16	18
Khyber Pakhtunkhwa	207	968	22	25	17	18	17	20	18	19	19	23	12	18	12	17
FATA	341	128	15	10	3	11	8	4	7	5	6	9	8	8	7	6
Balochistan	45	196	5	4	5	3	10	3	5	5	3	4	1	4	5	6
AJK	15	34	1	1	2	0	1	1	2	0	0	2	1	2	0	1
Gilgit-Baltistan	26	21	1	0	1	1	0	1	1	0	0	0	0	0	0	0
Islamabad	1031	19	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Pakistan	5712	4985	108	94	84	85	99	78	81	86	62	105	59	78	89	97

CONFIRMED POLIO CASES BY MONTH OF ONSET — (Source AFP REC file)

Province	2012	2013	2014	Last 12 months											
				Feb	Mar	April	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Jan [¶]
Punjab	2	7		1	-	-	1	-	-	-	1	3	-	1	-
Sindh	4	10		-	1	-	-	-	1	-	1	2	1	2	-
Khyber Pakhtunkhwa	27	11	3	2	-	1	-	1	-	2	2	1	-	-	2
FATA	20	65	19	-	-	1	8	3	3	6	15	8	9	12	15
Balochistan	4	-		-	-	-	-	-	-	-	-	-	-	-	-
AJK/ Gilgit- Baltistan	1	-		-	-	-	-	-	-	-	-	-	-	-	-
Islamabad [§]	-	-		-	-	-	-	-	-	-	-	-	-	-	-
Pakistan	58	93	22	3	1	2	9	4	4	8	19	14	10	15	17

¶ Data not complete

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - JAN 2014 NIDs - PUNJAB

District	Total target population for the campaign	Reported Coverage		Reported unvaccinated children					
		Children vaccinated (n)	% Children vaccinated among total target population	Children recorded as unvaccinated			Children still unvaccinated from recorded unvaccinated		
				Not Available	Refusal	Total	Not Available	Refusal	Total
ATTOCK	253,819	259,939	102	23,626	20	23,646	141	-	141
BAHAWALPUR	545,198	586,414	108	57,214	18	57,232	791	-	791
BAHWLNAGAR	436,062	464,881	107	33,832	49	33,881	1,673	-	1,673
BHAKKAR	233,639	255,272	109	16,435	26	16,461	2,541	12	2,553
CHAKWAL	183,169	186,811	102	13,267	14	13,281	317	9	326
CHINIOT	222,113	248,029	112	26,623	12	26,635	1,076	-	1,076
DGKHAN	502,867	543,052	108	43,527	129	43,656	2,138	45	2,183
FAISALABAD	1,188,067	1,308,307	110	131,859	84	131,943	3,659	-	3,659
GUJRANWALA	773,338	864,926	112	111,925	67	111,992	12,179	4	12,183
GUJRAT	396,235	415,871	105	31,534	5	31,539	1,140	2	1,142
HAFIZABAD	185,606	194,980	105	22,299	51	22,350	3,005	15	3,020
JHANG	408,652	449,255	110	42,967	55	43,022	2,727	4	2,731
JHELUM	168,175	169,391	101	13,032	5	13,037	395	5	400
KASUR	519,081	553,894	107	37,358	13	37,371	1,796	-	1,796
KHANEWAL	440,081	496,625	113	45,555	69	45,624	4,347	8	4,355
KHUSHAB	171,390	184,694	108	13,418	-	13,418	-	-	-
LAHORE	1,493,499	1,612,595	108	156,010	740	156,750	11,414	69	11,483
LAYYAH	263,332	276,563	105	24,278	-	24,278	3,546	-	3,546
LODHRAN	278,064	298,413	107	32,685	20	32,705	3,984	-	3,984
MBDIN	226,960	240,682	106	19,949	-	19,949	1,828	-	1,828
MIANWALI	213,107	236,274	111	18,264	27	18,291	1,868	15	1,883
MULTAN	721,871	816,235	113	100,706	263	100,969	6,253	129	6,382
MUZFARGARH	720,800	799,899	111	76,267	22	76,289	6,905	6	6,911
NANKANASAHIB	219,405	233,296	106	19,966	9	19,975	1,394	-	1,394
NAROWAL	267,430	286,768	107	28,218	11	28,229	5,655	-	5,655
OKARA	511,336	548,923	107	64,996	43	65,039	4,532	-	4,532
PAKPATTEN	280,189	296,820	106	32,311	20	32,331	1,647	10	1,657
RAJANPUR	355,176	388,048	109	34,564	41	34,605	1,058	-	1,058
RAWALPINDI	711,354	740,919	104	67,522	967	68,489	6,525	307	6,832
RYKHAN	797,557	864,298	108	73,971	85	74,056	2,994	-	2,994
SAHIWAL	393,141	418,895	107	47,890	-	47,890	746	-	746
SARGODHA	538,197	553,210	103	38,213	6	38,219	4,321	1	4,322
SHEIKHUPURA	540,222	550,976	102	46,287	36	46,323	8,272	2	8,274
SIALKOT	571,297	620,265	109	50,046	18	50,064	6,665	8	6,673
TTSINGH	326,122	384,458	118	42,969	44	43,013	3,250	6	3,256
VEHARI	465,104	529,162	114	50,048	27	50,075	3,970	-	3,970
PUNJAB Totalj	16,521,654	17,879,040	108	1,689,631	2,996	1,692,627	124,752	657	125,409

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - JAN 2014 NIDs - SINDH

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District / town	Total target population for the campaign	Reported Coverage		Reported unvaccinated children					
		Children vaccinated (n)	% Children vaccinated among total target population	Children recorded as unvaccinated			Children still unvaccinated from recorded unvaccinated		
				Not Available	Refusal	Total	Not Available	Refusal	Total
BADIN	322,313	328,955	102	19,522	133	19,655	86	-	86
DADU	320,363	329,933	103	17,025	47	17,072	38	8	46
GHOTKI	333,094	338,628	102	34,143	145	34,288	855	3	858
HYDERABAD	297,844	306,113	103	31,101	2,960	34,061	5,831	1,637	7,468
JACOBABAD	236,759	227,557	96	17,846	268	18,114	535	19	554
JAMSHORO	192,021	186,588	97	13,875	119	13,994	897	5	902
KAMBAR	284,410	289,574	102	26,419	81	26,500	3,338	13	3,351
KASHMORE	223,317	226,669	102	16,160	41	16,201	736	26	762
KHAIRPUR	439,463	448,357	102	35,741	205	35,946	2,508	22	2,530
KHIBALDIA	119,862	95,139	79	5,309	1,039	6,348	3,880	790	4,670
KHIBINQASIM	110,864	64,542	58	4,272	794	5,066	3,625	762	4,387
KHIGADAP	220,401	76,831	35	2,389	369	2,758	1,665	254	1,919
KHIGIQBAL	164,855	64,106	39	4,393	819	5,212	2,442	552	2,994
KHIGULBERG	72,104	55,599	77	4,541	1,420	5,961	2,670	1,131	3,801
KHIJAMSHEED	137,878	41,030	30	2,239	596	2,835	1,274	515	1,789
KHIKAMARI	111,454	40,919	37	2,461	197	2,658	1,274	72	1,346
KHIKORANGI	145,435	44,203	30	3,725	299	4,024	2,688	275	2,963
KHILANDHI	193,004	107,616	56	6,385	539	6,924	4,701	512	5,213
KHILAYARI	91,749	79,740	87	6,726	429	7,155	3,381	384	3,765
KHILIAQAT	83,535	48,800	58	4,773	1,262	6,035	2,638	1,125	3,763
KHIMALIR	76,740	45,844	60	4,235	480	4,715	3,413	345	3,758
KHINNAZIM	72,605	42,966	59	4,782	2,346	7,128	2,528	2,104	4,632
KHINORTH	117,242	77,926	66	9,099	1,344	10,443	5,585	1,212	6,797
KHIORANGI	165,733	11,444	7	1,057	124	1,181	665	104	769
KHISADDAR	135,224	116,237	86	2,669	233	2,902	1,249	175	1,424
KHISHAHFAISAL	74,088	45,823	62	3,327	1,222	4,549	2,327	797	3,124
KHISITE	133,114	59,017	44	3,084	440	3,524	1,481	175	1,656
LARKANA	295,939	304,923	103	32,221	46	32,267	1,773	33	1,806
MATIARI	141,265	142,287	101	13,573	115	13,688	170	-	170
MIRPURKHAS	272,599	277,065	102	25,636	551	26,187	6,331	378	6,709
NFEROZ	268,954	286,395	106	19,662	57	19,719	199	20	219
SANGHAR	362,964	372,073	103	30,047	677	30,724	2,921	469	3,390
SBENAZIRABAD	303,691	306,801	101	20,776	165	20,941	48	1	49
SHIKARPUR	242,392	251,063	104	20,170	135	20,305	2,721	21	2,742
SUKKUR	262,412	269,479	103	20,180	107	20,287	985	7	992
T.ALLAHYAR	145,225	147,504	102	14,240	177	14,417	250	7	257
THARPARKAR	213,516	217,110	102	12,819	155	12,974	911	86	997
THATTA	277,401	304,099	110	18,702	95	18,797	669	6	675
TMKHAN	115,944	118,665	102	7,254	31	7,285	124	7	131
UMERKOT	197,037	206,321	105	16,969	47	17,016	1,933	10	1,943
SINDH Total ₁₀	7,974,810	7,003,941	88	539,547	20,309	559,856	81,345	14,062	95,407

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - JAN 2014 NIDs - KPK & FATA

District	Total target population for the campaign	Reported Coverage		Reported unvaccinated children					
		Children vaccinated (n)	% Children vaccinated among total target population	Children recorded as unvaccinated			Children still unvaccinated from recorded unvaccinated		
				Not Available	Refusal	Total	Not Available	Refusal	Total
ABOTABAD	198,281	163,825	83	12,640	460	13,100	2,067	417	2,484
BANNU	155,076	145,094	94	11,331	6,912	18,243	696	4,463	5,159
BATAGRAM	79,399	82,754	104	6,898	27	6,925	621	-	621
BUNER	176,890	183,610	104	16,822	17	16,839	1,616	-	1,616
CHARSADA	293,837	116,856	40	1,514	1,484	12,998	2,007	1,064	3,071
CHITRAL	69,940	52,623	75	3,822	2	3,824	1,517	-	1,517
DIKHAN	269,775	247,471	92	25,092	1,061	26,153	4,587	792	5,379
DIRLOWER	253,070	263,116	104	24,088	32	24,120	3,050	-	3,050
DIRUPPER	151,458	187,473	124	11,337	15	11,352	1,495	4	1,499
HANGU	115,850	114,544	99	7,873	475	8,348	1,385	241	1,626
HARIPUR	156,872	182,527	116	12,682	367	13,049	2,645	315	2,960
KARAK	112,904	117,506	104	10,978	2,039	13,017	396	1,294	1,690
KOHAT	190,762	195,686	103	15,598	1,679	17,277	1,602	455	2,057
KOHISTAN	78,456	64,994	83	2,645	10	2,655	19	-	19
LAKKIMRWT	146,509	152,325	104	14,730	4,450	19,180	2,991	2,830	5,821
MALAKAND	115,056	116,276	101	11,489	75	11,564	1,533	-	1,533
MANSEHRA	282,153	251,258							
MARDAN	360,990	328,990	91	4,513	7,066	31,579	309	4,830	5,139
NOWSHERA	272,815	256,750	94	22,611	4,551	27,162	4,429	3,474	7,903
PESHAWAR	769,388	-	-	-	-	-	-	-	-
SHANGLA	128,777	149,231	116	6,858	6	6,864	604	-	604
SWABI	258,432	243,814	94	19,429	6,641	26,070	3,617	6,132	9,749
SWAT	410,830	396,544	97	30,579	23	30,602	2,822	10	2,832
TANK	76,966	79,300	103	4,316	195	4,511	557	171	728
TORGHAR	39,948	36,068	90	1,311	10	1,321	142	-	142
KPK Total	5,164,434	4,128,635	80	332,223	38,295	370,518	47,403	27,109	74,512

FATA									
BAJOUR	229,103	210,516	92	19,021	153	19,174	3,770	-	3,770
FR BANNU	44,009	31,686	72	2,063	436	2,499	253	316	569
FR DIKHAN	14,639	11,921	81	1,059	77	1,136	169	67	236
FR KOHAT	20,257	18,853	93	879	56	935	140	8	148
FR LAKKI	8,182	6,777	83	653	202	855	102	78	180
FR PESHAWAR	12,719	11,868	93	639	-	639	182	-	182
FR TANK	10,568	10,249	97	570	4	574	29	2	31
KHYBER	228,980	122,067	53	8,801	392	9,193	4,164	321	4,485
KURRAM	138,689	103,029	74	12,549	24	12,573	4,160	9	4,169
MOHMAND	87,445	85,662	98	6,114	36	6,150	1,381	-	1,381
ORAKZI	66,268	30,189	46	1,683	-	1,683	352	-	352
WAZIR-N	162,177	-							
WAZIR-S	118,827	7,911	7	153	-	153	7	-	7
FATA	1,141,863	650,728	57	54,184	1,380	55,564	14,709	801	15,510

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - JAN 2014 NIDs - BALOCHISTAN

District	Total target population for the campaign	Reported Coverage		Reported unvaccinated children					
		Children vaccinated (n)	% Children vaccinated among total target population	Children recorded as unvaccinated			Children still unvaccinated from recorded unvaccinated		
				Not Available	Refusal	Total	Not Available	Refusal	Total
AWARAN	29,712	27,571	93	745	-	745	188	-	188
BARKHAN	25,593	25,722	101	685	8	693	39	8	47
BOLAN	69,742	65,161	93	2,973	28	3,001	26	28	54
CHAGHAI	52,393	31,841	61	621	111	732	275	85	360
DBUGTI	40,753	40,742	100	498	5	503			-
GWADUR	41,389	33,970	82	1,435	12	1,447	128	12	140
HARNAI	19,700	20,691	105	1,013	18	1,031	37	12	49
JAFARABAD	166,113	179,691	108	12,994	13	13,007	892	5	897
JHALMAGSI	25,867	18,444	71	478	-	478	3	-	3
KABDULAH	132,639	133,918	101	2,432	4,548	6,980	766	1,058	1,824
KALAT	71,817	71,212	99	3,596	129	3,725	745	33	778
KECH	147,489	127,104	86	3,196	4	3,200	102	4	106
KHARAN	24,008	24,292	101	118	2	120	24	2	26
KHUZDAR	115,475	117,260	102	5,120	-	5,120	102	-	102
KOHLU	22,090	20,347	92	74	-	74	10	-	10
KSAIFULAH	55,564	60,619	109	1,075	886	1,961	117	108	225
LASBELA	95,449	103,077	108	3,974	238	4,212	492	201	693
LORALAI	62,244	31,030	50	1,148	309	1,457	364	190	554
MASTUNG	53,617	40,781	76	935	436	1,371	302	322	624
MUSAKHEL	28,123	26,792	95	240	81	321	54	41	95
NOSHKI	33,986	32,606	96	680	129	809	37		37
NSIRABAD	116,547	128,543	110	8,180	363	8,543	566	109	675
PANJGOUR	52,804	30,490	58	957	14	971	807	14	821
PISHIN	111,040	79,323	71	2,100	3,700	5,800	1,008	1,058	2,066
QUETTA	475,166	447,318	94	14,309	5,737	20,046	5,192	780	5,972
SHARANI	16,878	16,568	98	237	128	365	127		127
SIBI	41,586	33,397	80	1,972	104	2,076	119	43	162
WASHUK	19,205	21,126	110	155	-	155		-	-
ZHOB	53,692	55,173	103	774	1,277	2,051	129	565	694
ZIARAT	23,442	19,670	84	1,355	246	1,601	261	27	288
BALOCHISTAN	2,224,123	2,064,479	93	74,069	18,526	92,595	12,912	4,705	17,617

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - JAN 2014 NIDs - ISLAMABAD

ISLAMABAD									
CDA	131,737	124,677	95	9,254	327	9,581	1,405	111	1,516
ICT	120,495	131,647	109	11,560	184	11,744	1,661	127	1,788
ISLAMABAD	252,232	256,324	102	20,814	511	21,325	3,066	238	3,304

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - JAN 2014 NIDs - AJ & K

District	Total target population for the campaign	Reported Coverage		Reported unvaccinated children					
		Children vaccinated (n)	% Children vaccinated among total target population	Children recorded as unvaccinated			Children still unvaccinated from recorded unvaccinated		
				Not Available	Refusal	Total	Not Available	Refusal	Total
BAGH	61,525	-	-	-	-	-	-	-	-
BHIMBER	70,615	72,122	102	2,785	13	2,798	113	13	126
HATTIAN	39,697	-	-	-	-	-	-	-	-
HAVELI	24,448	-	-	-	-	-	-	-	-
KOTLI	131,557	136,414	104	3,355	-	3,355	42	-	42
MIRPUR	73,551	77,594	105	4,219	5	4,224	151	5	156
MUZAFFARABAD	108,607	-	-	-	-	-	-	-	-
NEELUM	30,643	-	-	-	-	-	-	-	-
POONCH	92,111	-	-	-	-	-	-	-	-
SUDNUTI	48,802	49,668	102	1,222	4	1,226	-	4	4
AJK	681,556	335,798	49	11,581	22	11,603	306	22	328

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - JAN 2014 NIDs - GILGIT BALTISTAN

District	Total target population for the campaign	Reported Coverage		Reported unvaccinated children					
		Children vaccinated (n)	% Children vaccinated among total target population	Children recorded as unvaccinated			Children still unvaccinated from recorded unvaccinated		
				Not Available	Refusal	Total	Not Available	Refusal	Total
ASTORE	16,409	15,325	93	269	269	269	-	-	-
DIAMER	45,323	45,855	101	313	313	313	1	-	1
GHANCHE	16,808	17,429	104	363	363	363	3	-	3
GHIZER	27,091	28,366	105	776	780	780	4	2	6
GILGIT	38,837	40,740	105	721	721	721	-	-	-
HUNZANAGAR	16,278	16,410	101	1,125	1,127	1,127	301	2	303
SKARDU	54,340	49,812	92	530	530	530	-	-	-
G.Baltistan	215,086	213,937	99	4,097	4,103	4,103	309	4	313

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - JAN 2014 NIDs - PROVINCE WISE

District	Total target population for the campaign	Reported Coverage		Reported unvaccinated children					
		Children vaccinated (n)	% Children vaccinated among total target population	Children recorded as unvaccinated			Children still unvaccinated from recorded unvaccinated		
				Not Available	Refusal	Total	Not Available	Refusal	Total
AJK	681,556	335,798	49	11,581	22	11,603	306	22	328
BALUCHISTAN	2,224,123	2,064,479	93	74,069	18,526	92,595	12,912	4,705	17,617
FATA	1,141,863	650,728	57	54,184	1,380	55,564	14,709	801	15,510
GBALTISTAN	215,086	213,937	99	4,097	6	4,103	309	4	313
ISLAMABAD	252,232	256,324	102	20,814	511	21,325	3,066	238	3,304
KP	5,164,434	4,128,635	80	332,223	38,295	370,518	47,403	27,109	74,512
PUNJAB	16,521,654	17,879,040	108	1,689,631	2,996	1,692,627	124,752	657	125,409
SINDH	7,974,810	7,003,941	88	539,547	20,309	559,856	81,345	14,062	95,407
Total	34,175,758	32,532,882	95	2,726,146	82,045	2,808,191	284,802	47,598	332,400

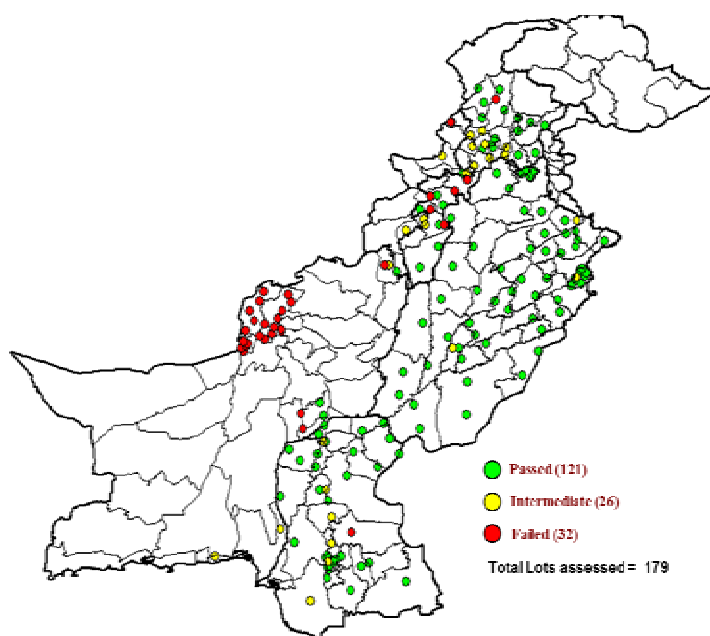
January 2014 NIDs

The first National Immunization Days (NIDs) of 2014 completed in 136 of the planned 162 districts across the country, using bi-valent Oral Polio Vaccine (bOPV). Vaccination activities could not be conducted due to heavy snow fall in Muzaffarabad, Neelum, Haveli, Poonch, Bagh and Hattian districts of Azad Jammu & Kashmir (AJK); and few areas of Astore & Skardu districts of Gilgit Baltistan (GB). Tehsil Bara of Khyber agency and few areas of FR Bannu in FATA; Charsadda district in Khyber Pakhtunkhwa and Karachi towns could not complete the NIDs due to insecurity. North and South Waziristan Agencies remain un-reached for more than 18 months (ban on vaccination). SIAs in Peshawar district (Khyber Pakhtunkhwa) were conducted on 2nd February targeting 45 high risk union councils in one day with enhanced operational arrangements. It is important to mention that despite the unfortunate killing of vaccinators and guarding policemen, the NIDs continued in most of the areas of the country, a total of 32.53 million children have been reportedly vaccinated.

A total of 179 lots were assessed through Lot Quality Assurance Sampling (LQAS) after the January NIDs; of which 121 (67.6%) were of passed quality. Twenty-six (14.5%) Lots were of intermediate quality from 22 districts/ towns/ tribal agencies/ areas including two districts of Baluchistan, six of Sindh, three of Punjab, seven districts of Khyber Pakhtunkhwa and four areas of FATA. Out of 32 Lots that were of failed quality; 24 (75%) were from Balochistan including 12 in Quetta, five in Killa Abdullah, four in Pishin, two in Jhalmagsi and one in Sherani. Other districts, where the Lots were failed includes five in Khyber Pakhtunkhwa (two in Kohat and one each in Swat, Bannu and Lakki Marwat districts), two in FATA (one each in FR Bannu and Bajour) and one lot in Sindh (Sanghar).

Market Survey results showed sub optimal performance in Quetta (67%), Zhob (73%), Killa Saifullah (74%), Loralai (79%) and Pishin (86%) in Balochistan; FR Peshawar (64%), FR Bannu (68%), Khyber Agency (82%) and Mohamand (87%) in FATA; Tank (84%) and Dirupper (89%) in Khyber Pakhtunkhwa and Rawalpindi (88%) in Punjab. The ongoing sub-optimal vaccination quality in critical districts/agencies of reservoir regions in FATA, central Khyber Pakhtunkhwa, Quetta block (Quetta, Pishin, Killa Abdullah) and the high risk towns in Karachi is of serious concern. It is important to recall that the highest campaign quality is required in the polio reservoirs to stop the viral circulation. At the same time quality maintenance is important in the areas without polio cases and endemic poliovirus circulation to avert the risk of viral introduction and establishment.

Lot Quality Assurance Sampling (LQAS) Jan (20-22) 2014, NIDs



Province	Lot Quality Assurance Sampling (LQAS)				% Children found vaccinated during Spot Survey
	Lots Assessed (Sample size per lot = 60 children)	Passed (0-3 unvaccinated children)	Intermediate (4-8 unvaccinated children)	Failed (≥9 unvaccinated children)	
AJK					95
BALUCHISTAN	29	2	3	24	80
FATA	10	4	4	2	89
GBALTISTAN					98
ISLAMABAD	4	4			97
KPK	39	24	10	5	93
PUNJAB	58	55	3		97
SINDH	39	32	6	1	96
TOTAL ¹⁴	179	121	26	32	95