

CURRENT EPIDEMIOLOGY OF POLIO IN PAKISTAN

As of 19th February 2015, 306 type-1 wild poliovirus (WPV) cases have been reported in year 2014 from 44 districts/ towns/ tribal agencies/ FR areas (compared to 93 in 2013 from 23 districts/ towns/ tribal agencies/ FR areas). Moreover, WPV-1 has also been isolated from 131 environmental samples in 2014 (out of 372 samples for which results are available) from Karachi (Gadap, Baldia and Gulshan-e-Iqbal towns), Hyderabad, Sukkur and Jacobabad in Sindh; Peshawar and DI Khan in Khyber Pakhtunkhwa; Lahore, Rawalpindi and Multan in Punjab and Quetta and Killa Abdullah in Balochistan. Twenty one sabin-2 like poliovirus cases have been reported in 2014 including 17 from FATA (eight from FR Bannu, seven from North Waziristan agency and two from Khyber agency), three from Khyber Pakhtunkhwa (one each from Bannu, Lakki Marwat and Peshawar) and one from Sindh (Gadap town Karachi).

A total of nine wild polio virus cases have been confirmed with date of onset of paralysis in 2015; five from Khyber Pakhtunkhwa (two from Peshawar and one each from Tank, Lakki Marwat and Nowshera districts), three from FATA (two from Khyber agency and one from South Waziristan agency) and one from Sindh (Kambar district). Moreover, WPV-1 has also been isolated from 13 environmental samples in 2015 (out of 33 samples for which results are available) from Karachi (Baldia, Gadap and Gulshan-e-Iqbal towns), Sukkur and Jacobabad in Sindh; Quetta and Killa Abdullah in Balochistan; Peshawar in Khyber Pakhtunkhwa; Lahore in Punjab; and Islamabad

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

- 256 (83.6%) polio cases are younger than two years (median age: 14 months).
- Based on recall of parents, 171 (55.9%) cases did not receive any OPV dose (through routine vaccination and/or campaigns); 73 (23.8%) cases received 1-3 OPV doses, 26 (8.5%) received 4-6 doses; while 36 (11.7%) polio cases received 7 or more OPV doses.

It is worth mentioning that, 81.7% (247/306) wild polio cases in 2014 have been reported together from Khyber Pakhtunkhwa 22.2% (68/306) and FATA 58.5% (179/306) indicating that these regions remained the key polio reservoirs in the country. North and South Waziristan agencies reported 30.7% (94/306) while Khyber agency alone reported 24.8% (76/306) of the total wild polio cases in 2014. Peshawar contributed 42.6% (29/68) of the total wild polio cases reported in 2014 from Khyber Pakhtunkhwa; whereas Karachi contributed 76.6% (23/30) of wild polio cases from Sindh province in 2014.

Other districts/ towns/ tribal agencies/ FR areas where the significant number of wild polio cases have been reported in year 2014 includes nine cases from FR Bannu in FATA; 11 cases from Bannu, seven from Tank and five from Mardan district in Khyber Pakhtunkhwa; 13 cases from Killa Abdulla and five from Quetta district in Balochistan.

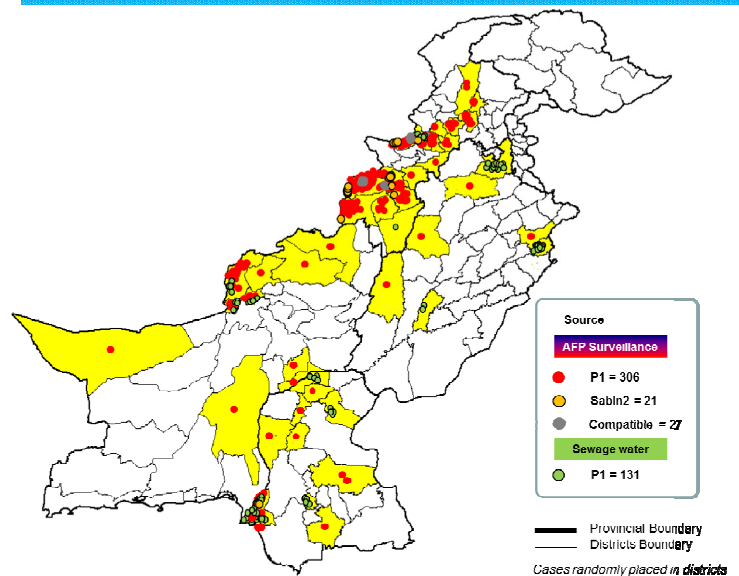
News Briefs and Events

- A technical consultation meeting was convened on 14-15 February in Islamabad to review the current situation and status of implementation of the low transmission season plans in the country.
- A vaccination campaign (as per Short Interval targeting 8 million children in 62 selected districts) was conducted in first week of Feb 2015. The activity was completed in all except Zhob (Balochistan), two UCs of D.I.Khan (KP) and Bara Tehsil of Khyber (FATA) due to security reasons.

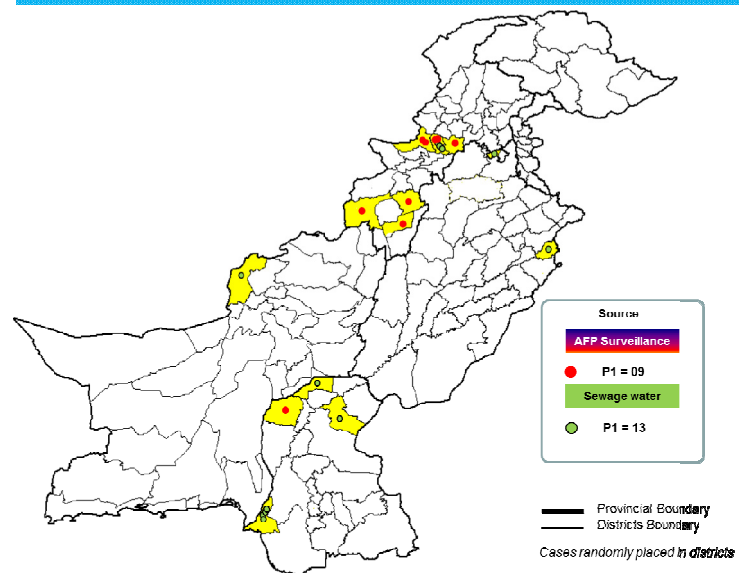
Table of Contents	Page No.
An update on February 2015 NIDs	2
Global update	2
Key AFP Surveillance indicators - 2014	3
Province-wise AFP surveillance data for 2013 & 2014	3
District wise summary of key surveillance indicators	4-8
Reported AFP cases by week of onset	8
Confirmed polio cases by month of onset	8
Summary of Control / Operations Room data, January 2015 NIDs	9-13
January 2015 NIDs	14

WPV-1 has been isolated from 35% of the sewage water samples collected from 36 sites of 15 districts / towns across the country in 2014. More than 50% of the environmental samples collected from Karachi, Hyderabad, Sukkur and Jacobabad districts in Sindh; Peshawar district in Khyber Pakhtunkhwa and Killa Abdullah district in Balochistan were positive for wild polio virus. No sample has been turned positive for WPV from Islamabad in 2014, while the environmental samples collected from Faisalabad district in Punjab have been continuously negative since February 2013.

Map-1: Poliovirus Isolates 2014 (As of 19-02-2015)



Map-2: Poliovirus Isolates 2015 (As of 19-02-2015)



AN UPDATE ON FEB 2015 NIDs

The February 2015 National Immunization Days (NIDs) have been completed across the country, targeting around 34.2 million children with bivalent Oral Polio Vaccine (bOPV). Some areas of northern part of the country could not be reached due to heavy snow fall, therefore vaccination campaign had to be canceled in those places. Snow bound areas include; 14 UCs of Chitral district and 4 UCs of Mansehra district in Khyber Pakhtunkhwa; 3 UCs of Sakardu district in Gilgit Baltistan and 3 UCs of Neelum district in AJK. The campaign could not be conducted in Zhob and Shirani districts of Balochistan due to security concerns. In all 18 towns of Karachi, NID was canceled and a special plan made to cover target children in a three phased weekly campaigns based on set priorities. In total; around 35 million children (101% of the target population up to the age of 5 years) have been reportedly vaccinated across the country in Feb 2015 NIDs.

Province	Total target population for the campaign	Total target population for reporting districts	Reported Coverage			Children still unvaccinated from recorded unvaccinated					
			Children vaccinated (n)	% Children vaccinated among total target population	% Children vaccinated among target of reporting districts	Not Available		Refusal		Total	
						N	%	N	%	N	%
AJK	698,909	698,909	702,288	100	100	364	0.05	25	0.00	389	0.06
BALUCHISTAN	2,418,971	2,329,523	2,076,271	86	89	18,572	0.80	5,806	0.25	24,378	1.05
FATA	1,144,764	1,144,764	764,601	67	67	15,764	1.38	635	0.06	16,399	1.43
GBALTISTAN	214,352	214,352	217,423	101	101	0	0.00	0	0.00	0	0.00
ISLAMABAD	261,261	261,261	180,635	69	69	57	0.02	542	0.21	599	0.23
KPK	5,254,841	5,254,841	5,278,690	100	100	58,448	1.11	23,087	0.44	81,535	1.55
PUNJAB	17,575,331	17,575,331	18,687,128	106	106	26,364	0.15	587	0.00	26,951	0.15
SINDH	6,703,056	5,858,235	6,792,290	101	116	60,634	1.04	6,695	0.11	67,329	1.15
TOTAL	34,271,485	33,337,216	34,699,326	101	104	180,203	0.54	37,377	0.11	217,580	0.65

A total of 235 lots were assessed through Lot Quality Assurance Sampling (LQAS) after the February 2015 NIDs; of which 167 (71.1%) were of passed quality. Forty-six (19.5%) Lots were of intermediate quality from 29 districts/ towns/ tribal agencies/ FR areas including seven districts of Balochistan, eight of Sindh, four districts of Punjab and 10 of Khyber Pakhtunkhwa. Out of 22 LQAS Lots that were of failed quality; 16 (72.7%) were from Balochistan including 10 from Quetta district and three each from Pishin and Killa Abdullah districts. Other districts, where the Lots were failed includes three (13.6%) from Peshawar and one each from Malakand and Swat districts in Khyber Pakhtunkhwa and one from Rawalpindi district in Punjab.

More than 93% children were found finger marked through Spot survey at national and provincial levels except in Balochistan (83%). Districts/ towns/ agencies/ FR areas with sub optimal performance includes Layari town (62%), Malir town (79%), Jamsheed town (82%), Korangi town (84%), Gadap town (85%), Shah Faisal town (86%), North Nazimabad town (88%) and Kemari town (89%) in Karachi, Sindh; districts Astore (89%) in Gilgit Baltistan; and districts Pishin (71%), Killa Abdullah (75%), Sibi (79%) and Chaghi (85%) in Balochistan.

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)	
BALUCHISTAN	38	9 (23.7%)	13 (34.2%)	16 (42.1%)	83
GBALTISTAN	LQAS not conducted				96
ISLAMABAD	LQAS not conducted				94
KPK	60	38 (63.3%)	17 (28.3%)	5 (8.3%)	
PUNJAB	89	82 (92.1%)	6 (6.7%)	1 (1.1%)	98
SINDH	48	38 (79.1%)	10 (20.8%)	0	93
TOTAL	235	167 (71.1%)	46 (19.5%)	22 (9.3%)	95

Global Update (as of 19th February, 2015)

10 polio cases have been reported in 2015, all from endemic countries (Pakistan-09 and Afghanistan-01)
 359 polio cases have been reported in 2014, 340 from endemic countries (Pakistan-306, Afghanistan-28, Nigeria-06) and 19 from non-endemic countries (Equatorial Guinea-05, Somalia-5, Cameroon-05, Iraq-02, Ethiopia-01, Syria-01)

For details, please visit: www.polioeradication.org

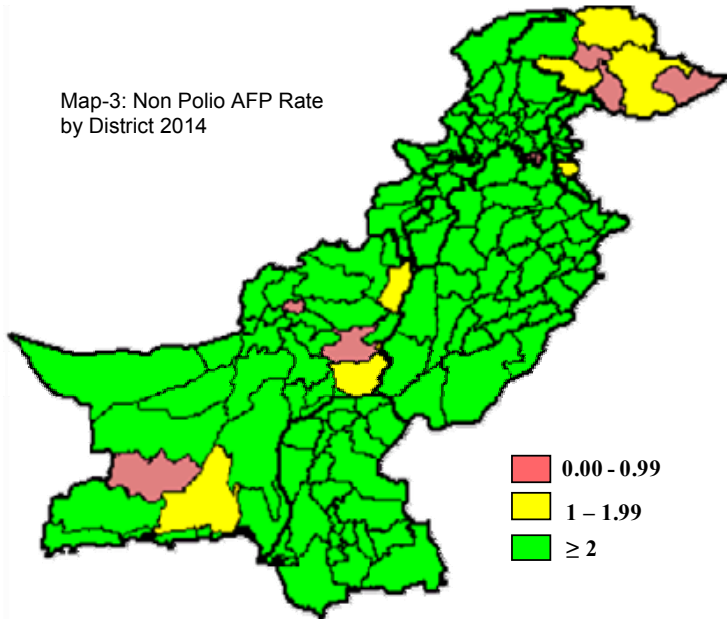
Key AFP Surveillance Indicators 2014

Overall AFP surveillance indicators in year 2014 were 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).

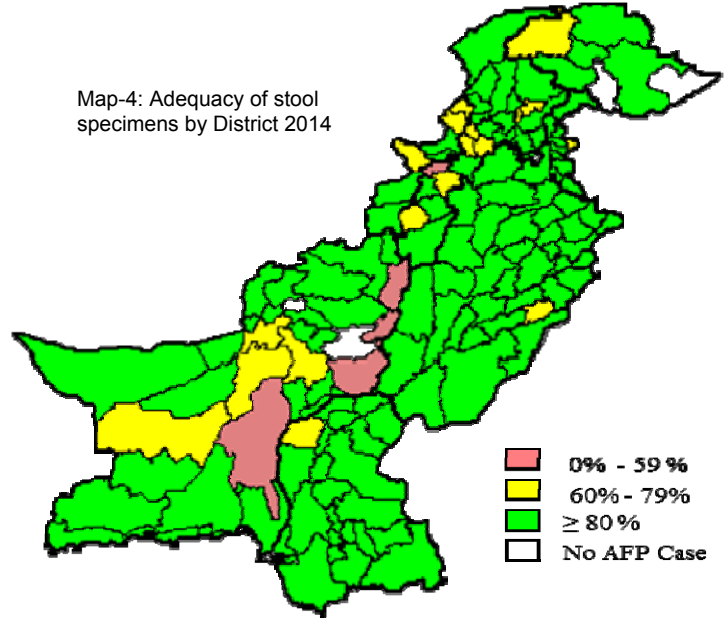
At the national level the annualized non polio AFP rate for 2014 was 6.08 per 100,000 children below 15 years of age. All provinces and regions except Gilgit Baltistan had the required rate of 2 or above. The indicator was also above the international standards in 88.3% (144/163) of the districts/towns/agencies (map-3). Majority of districts with sub-optimal non-polio AFP rate have small populations and hence low number of expected AFP cases. However, Orangi, Saddar, North Karachi, Korangi and Layari towns in Karachi, Kotli in AJK and CDA in Islamabad have significant number of expected cases. Seventy eight percent of the districts/towns/agencies (124/159) which reported AFP cases had adequate stool specimen collection rate above the international standard of 80%.

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-3: Non Polio AFP Rate by District 2014



Map-4: Adequacy of stool specimens by District 2014



Province-wise AFP Surveillance Data for 2014 & 2015[§]

Province/Region	AFP Surveillance Data 2014						AFP Surveillance Data 2015 [§]									
	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	857	2432	4	5.66	92	85	857	105	0	2.13	94	-	2010	97	93	93
SINDH	366	1021	30	5.41	91	98	366	67	1	4	96	-	1507	86	86	94
FATA	35	464	179	13.60	83	87	35	10	2	3.93	100	-	231	59	57	84
BALUCHISTAN	77	230	25	5.30	89	97	77	15	0	3.37	89	-	563	83	71	66
AJK	34	45	0	2.66	91	100	34	1	0	0.51	0	-	124	100	100	100
ISLAMABAD	13	14	0	2.17	86	***	13	0	0	0.00	-	-	42	***	***	***
GBALTISTAN	15	9	0	1.24	89	100	15	1	0	1.20	100	-	42	100	100	100
KHYBER PAKH-TUNKHWA	214	1044	68	9.05	82	87	214	31	4	2.19	88	-	1212	38	41	68
TOTAL	1611	5259	306	6.08	89	88	1611	230	7	2.41	81	-	5731	80	78	86

* 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. 4 ended on 31 January 2015 *** 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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DISTRICT WISE SUMMARY OF SURVEILLANCE DATA - PUNJAB

District	AFP Surveillance Data 2014						AFP Surveillance Data 2015 ⁴									
	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	41	0	5.81	95	67	14	1	0	1.23	100	-	77	100	96	100
BAHAWALPUR	30	72	0	4.84	100	100	30	1	0	0.58	100	-	73	100	92	100
BAHWLNAGAR	23	72	0	6.18	93	84	23	1	0	0.75	100	-	90	100	96	100
BHAKKAR	12	37	1	5.84	100	97	12	3	0	4.23	100	-	14	100	100	66
CHAKWAL	12	36	1	6.00	100	97	12	3	0	4.48	100	-	18	100	100	***
CHINIOT	11	33	0	6.24	97	67	11	0	0	0.00	-	-	12	100	100	100
DGKHAN	21	140	1	13.48	91	95	21	7	0	5.90	100	-	56	100	81	100
FAISALABAD	62	126	0	4.06	83	92	62	2	0	0.56	100	-	37	100	100	47
GUJRANWALA	40	122	0	6.03	89	73	40	9	0	3.87	100	-	47	99	85	100
GUJRAT	23	65	0	5.74	94	82	23	1	0	0.77	100	-	118	***	***	***
HAFIZABAD	9	38	0	8.20	95	63	9	0	0	0.00	-	-	54	100	90	100
JHANG	21	40	0	3.90	88	97	21	0	0	0.00	-	-	20	101	93	100
JHELUM	10	38	0	7.45	97	100	10	1	0	1.71	100	-	72	100	100	***
KASUR	28	63	0	4.57	95	95	28	2	0	1.26	100	-	82	93	100	100
KHANEWAL	23	71	0	6.05	89	100	23	3	0	2.22	100	-	30	100	85	97
KHUSHAB	10	16	0	3.26	94	81	10	1	0	1.77	100	-	16	100	100	100
LAHORE	81	164	0	4.04	91	99	81	15	0	3.23	100	-	42	100	86	100
LAYYAH	14	62	0	9.03	95	85	14	2	0	2.53	100	-	37	100	100	100
LODHRAN	14	42	0	6.10	100	89	14	0	0	0.00	-	-	44	***	***	***
MBDIN	12	38	0	6.17	97	86	12	1	0	1.41	100	-	61	100	90	100
MIANWALI	12	45	0	7.59	98	91	12	0	0	0.00	-	-	17	68	41	73
MULTAN	37	112	0	6.13	89	97	37	5	0	2.38	100	-	46	100	96	100
MUZFARGARH	33	148	0	8.87	87	75	33	1	0	0.52	100	-	48	84	100	100
NANKANASAHIB	15	34	0	4.57	94	53	15	2	0	2.34	100	-	29	100	96	100
NAROWAL	14	34	0	5.01	97	53	14	3	0	3.85	100	-	84	100	90	50
OKARA	25	83	0	6.57	90	96	25	1	0	0.69	100	-	39	89	100	100
PAKPATTEN	15	24	0	3.26	71	46	15	0	0	0.00	-	-	50	100	100	100
RAJANPUR	14	93	0	13.49	88	89	14	3	0	3.78	67	-	39	75	73	88
RAWALPINDI	40	71	0	3.59	87	89	40	6	0	2.64	67	-	120	100	91	100
RYKHAN	39	123	0	6.33	95	97	39	9	0	4.03	100	-	80	100	82	100
SAHIWAL	20	35	0	3.46	91	46	20	1	0	0.86	100	-	39	90	100	100
SARGODHA	29	76	0	5.31	93	83	29	1	0	0.61	0	-	159	100	100	100
SHEIKUPURA	24	66	1	5.43	92	79	24	6	0	4.36	100	-	89	100	96	100
SIALKOT	31	69	0	4.46	97	28	31	6	0	3.37	100	-	131	90	100	47
TTSINGH	18	44	0	4.97	89	93	18	3	0	2.95	100	-	14	97	100	100
VEHARI	24	59	0	4.83	90	95	24	5	0	3.56	100	-	26	100	100	100
PUNJAB	857	2432	4	5.66	92	85	857	105	0	2.13	94	-	2010	97%	93%	93%

4

* 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. 4 ended on 31 January 2015
 *** 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

DISTRICT WISE SUMMARY OF SURVEILLANCE DATA - SINDH

Town/District	AFP Surveillance Data 2014						AFP Surveillance Data 2015 ⁵										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 (%) † ± ¥		
Town Wise Summary — Karachi																	
BALDIA	6	10	1	2.89	80	100	6	1	0	2.79	100	-	20	100	100	***	
BINQASIM	5	12	2	4.05	83	100	5	1	0	3.53	0	-	22	100	100	***	
GADAP	4	41	10	13.60	76	95	4	4	0	15.7	50	-	12	***	***	***	
GULSHAN-E-IQBAL	9	11	0	2.57	91	100	9	2	0	4.06	100	-	20	100	100	100	
GULBERG	6	6	0	2.16	100	100	6	0	0	0.00	-	-	14	100	100	100	
JAMSHEED	9	10	0	2.19	70	100	9	0	0	0.00	-	-	18	***	***	***	
KAMARI	6	6	0	2.00	83	100	6	2	0	5.79	100	-	11	100	100	100	
KORANGI	8	8	2	1.57	75	71	8	3	0	6.81	67	-	13	100	100	100	
LANDHI	10	16	2	2.94	88	69	10	1	0	1.83	0	-	22	***	***	***	
LAYARI	7	6	0	1.84	83	100	7	0	0	0.00	-	-	15	100	87	***	
LIAQATABAD	8	12	1	2.77	100	92	8	0	0	0.00	-	-	17	***	***	***	
MALIR	6	8	0	2.58	88	100	6	2	0	5.60	100	-	13	***	***	***	
N NAZIMABAD	6	8	0	2.63	75	100	6	0	0	0.00	-	-	14	***	***	100	
NORTH KARACHI	8	9	1	1.91	89	100	8	0	0	0.00	-	-	16	100	100	100	
ORANGI	11	12	2	1.80	92	83	11	1	0	1.57	100	-	21	100	100	***	
SADDAR	10	6	0	1.26	83	100	10	0	0	0.00	-	-	21	100	97	97	
SHAHFAISAL	5	7	0	2.70	100	100	5	1	0	3.35	100	-	11	100	100	96	
SITE	7	17	2	4.18	76	81	7	1	0	2.42	0	-	16	100	100	100	
District Wise Summary— Sindh																	
KARACHI	130	205	23	2.78	83	92	130	19	0	2.54	65	-	296	100	99	99	
BADIN	13	53	1	8.23	98	100	13	4	0	5.51	100	-	54	100	100	97	
DADU	13	45	1	6.83	98	100	13	3	0	4.05	100	-	64	***	***	***	
GHOTKI	12	58	0	9.56	97	100	12	3	0	4.30	100	-	50	***	***	***	
HYDERABAD	16	46	0	5.69	87	100	16	5	0	5.38	100	-	30	61	61	90	
JACOBABAD	8	41	0	10.20	98	100	8	4	0	8.65	100	-	45	***	***	***	
JAMSHORO	7	19	0	5.61	89	100	7	0	0	0.00	-	-	37	***	***	***	
KAMBAR	11	27	0	4.74	67	96	11	2	1	1.53	100	-	52	***	***	***	
KASHMORE	7	26	0	7.02	88	96	7	5	0	11.7	100	-	39	***	***	***	
KHAIRPUR	18	64	0	7.06	95	98	18	2	0	1.92	100	-	102	86	84	***	
LARKANA	12	26	1	4.05	100	100	12	3	0	4.22	100	-	52	***	***	***	
MATIARI	5	14	0	5.24	93	100	5	1	0	3.26	100	-	40	***	***	***	
MIRPURKHAS	11	69	0	13.04	97	100	11	2	0	3.29	100	-	104	***	***	***	
NFEROZ	11	29	1	5.00	93	100	11	2	0	3.11	50	-	60	***	***	***	
SANGHAR	17	38	2	4.21	74	100	17	1	0	1.02	100	-	55	***	***	94	
SBENAZIRABAD	11	15	0	2.71	100	100	11	0	0	0.00	-	-	61	***	***	***	
SHIKARPUR	10	45	1	8.93	98	100	10	4	0	7.06	100	-	54	***	***	***	
SUKKUR	11	27	0	4.97	89	92	11	0	0	0.00	-	-	70	***	***	100	
T.ALLAHYAR	5	26	0	9.75	96	100	5	1	0	3.26	100	-	34	***	***	***	
THARPARKAR	11	32	0	5.69	88	97	11	1	0	1.55	100	-	98	83	83	***	
THATTA	12	52	0	8.40	92	100	12	0	0	0.00	-	-	58	76	76	77	
TMKHAN	4	26	0	11.77	92	100	4	2	0	7.87	100	-	12	100	100	100	
UMERKOT	8	38	0	9.15	92	100	8	3	0	6.28	100	-	40	***	***	***	
SINDH	366	1021	30	6.87	93	99	366	67	1	4	96	-	1507	86%	86%	94%	

* 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. 4 ended on 31 January 2015 *** 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 - KHYBER PAKHTUNKHWA & FATA

District /Agency	AFP Surveillance Data 2014						AFP Surveillance Data 2015 [§]									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- ficate	60 Day Follow Up (%) †				Non-Polio AFP Rate **	Cases with Ade- quate Speci- ficate	60 Day Follow Up (%) †	Number of Sites	Completeness (%) † ‡ ¥	Timeliness (%) ‡		
District Wise Summary — Khyber-Pakhtunkhwa																	
ABOTABAD	9	47	0	10.06	85	96	9	1	0	1.86	100	-	93	47	47	61	
BANNU	8	57	11	10.93	79	94	8	2	0	4.32	100	-	43	***	***	***	
BATAGRAM	3	17	0	12.08	71	88	3	1	0	6.18	100	-	31	***	***	***	
BUNIR	7	39	3	10.57	92	97	7	2	0	5.10	100	-	42	100	100	89	
CHARSADA	12	51	1	8.14	75	46	12	2	0	2.83	50	-	49	***	***	***	
CHITRAL	4	13	0	7.08	85	85	4	0	0	0.00	-	-	27	100	100	***	
DIKHAN	11	40	0	7.47	85	81	11	1	0	1.62	0	-	54	***	***	51	
DIRLOWER	9	40	0	8.71	93	88	9	0	0	0.00	-	-	62	16	75	***	
DIRUPPER	7	12	0	3.52	83	75	7	0	0	0.00	-	-	30	67	75	***	
HANGU	4	11	0	5.57	55	73	4	0	0	0.00	-	-	23	100	100	***	
HARIPUR	8	31	0	8.08	81	94	8	0	0	0.00	-	-	66	23	23	***	
KARAK	5	32	1	11.46	75	63	5	1	0	3.21	100	-	28	24	24	***	
KOHAT	7	43	1	11.90	91	78	7	0	0	0.00	-	-	40	***	***	***	
KOHISTAN	4	10	0	4.90	90	89	4	0	0	0.00	-	-	31	100	100	***	
LAKKIMRWT	6	46	3	13.81	78	98	6	3	1	5.72	100	-	57	63	21	***	
MALAKAND	6	19	0	6.61	95	78	6	0	0	0.00	-	-	46	16	75	***	
MANSEHRA	11	48	0	8.91	85	100	11	0	0	0.00	-	-	69	***	***	***	
MARDAN	18	127	5	13.70	90	100	18	5	0	4.88	100	-	77	***	***	***	
NOWSHERA	11	48	4	8.16	75	87	11	1	1	0.00	100	-	47	***	***	***	
PESHAWAR	26	161	29	9.90	74	89	26	4	1	1.99	75	-	124	83	83	***	
SHANGLA	5	17	0	6.22	82	69	5	0	0	0.00	-	-	35	75	75	***	
SWABI	12	54	0	8.67	89	100	12	3	0	4.19	100	-	63	***	***	87	
SWAT	16	41	2	4.87	83	89	16	3	0	3.26	100	-	48	97	100	59	
TANK	3	34	7	18.32	76	61	3	1	1	0.00	100	-	27	***	***	62	
TORGHAR	2	6	1	4.31	67	100	2	1	0	7.49	100	-	***	***	***	***	
K- PAKHTUNKHWA	214	1044	68	9.05	82	87	214	31	4	2.19	88	-	1212	38	41	68	
Agency Wise Summary — FATA																	
BAJOUR	7	30	0	8.06	77	97	7	0	0	0.00	-	-	28	99	48	***	
FR Bannu	0	32	9	63.00	81	97	0	3	0	136.9	100	-	***	79	79	89	
FR DIKhan	1	3	0	10.91	100	***	1	0	0	0.00	-	-	***	100	96	100	
FR Kohat	0	5	0	21.88	100	60	0	0	0	0.00	-	-	***	100	88	100	
FR Lakki	0	3	0	46.23	67	100	0	1	0	134.0	100	-	***	88	88	100	
FR Peshawar	1	4	0	11.57	100	75	1	0	0	0.00	-	-	***	100	81	***	
FR Tank	0	4	0	20.02	50	75	0	0	0	0.00	-	-	***	100	95	100	
KHYBER	7	157	76	21.15	80	69	7	4	1	7.99	100	-	72	57	57	54	
KURRAM	5	7	0	3.08	71	86	5	0	0	0.00	-	-	30	90	90	***	
MOHMAND	4	18	0	8.61	67	94	4	0	0	0.00	-	-	26	100	83	92	
ORAKZAI	2	6	0	5.07	67	100	2	1	0	7.34	100	-	33	93	79	100	
WAZIR-N	4	144	70	28.93	88	99	4	0	0	0.00	-	-	24	***	***	***	
WAZIR-S	4	51	24	13.13	90	92	4	1	1	0.00	100	-	18	100	100	85	
FATA	6	35	464	179	13.60	83	87	35	10	2	3.93	100	-	231	59%	57%	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. 4 ended on 31 January 2015
 *** 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 2014						AFP Surveillance Data 2015 [§]										
	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 (%)† ‡		
District Wise Summary — Balochistan																	
AWARAN	1	1	0	1.89	100	100	1	0	0	0.00	-	-	12	***	***	***	
BARKHAN	1	6	0	9.40	50	67	1	0	0	0.00	-	-	9	***	***	***	
BOLAN	3	3	0	2.12	67	100	3	0	0	0.00	-	-	23	***	***	***	
CHAGHAI	1	3	1	3.50	100	100	1	0	0	0.00	-	-	19	***	***	***	
DBUGTI	2	2	0	1.74	0	100	2	0	0	0.00	-	-	9	***	***	***	
GWADUR	2	4	0	3.54	100	100	2	0	0	0.00	-	-	11	***	***	***	
HARNAI	1	1	0	2.08	100	100	1	0	0	0.00	-	-	10	***	***	12.5	
JAFARABAD	5	36	1	13.38	94	100	5	0	0	0.00	-	-	38	71	52	75	
JHALMAGSI	1	3	0	4.55	100	100	1	0	0	0.00	-	-	21	85	74	100	
KABDULAH	5	39	13	9.72	87	97	5	2	0	6.50	100	-	26	***	***	80	
KALAT	2	3	0	2.69	67	100	2	0	0	0.00	-	-	15	***	***	***	
KECH	4	9	0	4.79	89	78	4	0	0	0.00	-	-	19	***	***	***	
KHARAN	1	2	0	3.76	100	100	1	0	0	0.00	-	-	6	***	***	***	
KHUZDAR	5	7	1	2.51	57	80	5	0	0	0.00	-	-	31	***	***	***	
KOHLU	1	0	0	0.00	-	-	1	0	0	0.00	-	-	6	***	***	***	
KSAIFULAH	2	5	1	4.00	100	100	2	1	0	8.70	100	-	14	***	***	100	
LASBELA	4	6	0	3.13	83	100	4	1	0	4.54	100	-	40	***	***	***	
LORALAI	2	4	0	3.62	100	100	2	1	0	7.87	100	-	19	89	89	100	
MASTUNG	2	3	0	3.64	67	100	2	1	0	10.56	100	-	18	***	***	***	
MUSAKHEL	2	1	0	1.33	0	100	2	0	0	0.00	-	-	10	***	***	***	
NOSHKI	1	1	0	2.19	100	100	1	1	0	19.02	0	-	13	***	***	***	
NSIRABAD	3	27	1	15.69	96	100	3	3	0	15.74	100	-	28	87	69	100	
PANJGOUR	3	1	0	0.77	100	100	3	0	0	0.00	-	-	13	***	***	***	
PISHIN	5	17	1	6.75	100	100	5	2	0	7.33	100	-	33	***	***	***	
QUETTA	11	25	5	3.74	96	100	11	3	0	4.88	100	-	62	***	***	62	
SHERANI	1	1	0	2.30	100	100	1	0	0	0.00	-	-	4	***	***	25	
SIBI	2	9	0	10.25	89	100	2	0	0	0.00	-	-	20	***	***	50	
WASHUK	1	4	0	7.37	75	100	1	0	0	0.00	-	-	9	***	***	***	
ZHOB	2	7	1	4.96	100	86	2	0	0	0.00	-	-	15	***	***	75	
ZIARAT	1	0	0	0.00	-	-	1	0	0	0.00	-	-	10	***	***	13	
BALOCHISTAN	77	230	25	5.30	89	97	77	15	0	3.37	89	-	563	83%	71%	66%	
District Wise Summary — Gilgit-Baltistan																	
ASTORE	1	0	0	0.00	-	-	1	0	0	0.00	-	-	5	100	100	100	
DIAMIR	3	2	0	1.38	100	100	3	0	0	0.00	-	-	5	100	100	100	
GHANCHE	1	0	0	0.00	-	-	1	0	0	0.00	-	-	7	100	100	100	
GHIZER	2	3	0	3.27	67	100	2	0	0	0.00	-	-	7	100	100	100	
GILGIT	2	1	0	0.94	100	100	2	1	0	8.16	100	-	12	100	100	100	
HUNZANAGAR	1	1	0	1.33	100	100	1	0	0	0.00	-	-	***	100	100	100	
SKARDU	4	2	0	1.13	100	100	4	0	0	0.00	-	-	6	100	100	100	
G-BALTISTAN	15	9	0	1.24	89	100	15	1	0	1.20	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. 4 ended on 31 January 2015 *** 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 2014						AFP Surveillance Data 2015 ⁸										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 — AJK																	
BAGH	3	5	0	3.06	100	100	3	0	0	0.00	-	-	15	100	100	100	
BHIMBER	3	6	0	3.48	83	100	3	0	0	0.00	-	-	11	100	100	100	
HATTIAN	2	2	0	2.17	100	100	2	0	0	0.00	-	-	8	100	100	100	
HAVELI	1	3	0	4.77	67	100	1	1	0	13.82	0	-	6	100	100	100	
KOTLI	6	4	0	1.25	100	100	6	0	0	0.00	-	-	18	100	100	100	
MIRPUR	4	4	0	2.17	100	100	4	0	0	0.00	-	-	26	100	100	100	
MUZAFFAR ABAD	5	6	0	2.20	100	100	5	0	0	0.00	-	-	16	100	100	100	
NEELUM	1	4	0	5.36	100	100	1	0	0	0.00	-	-	6	100	100	100	
POONCH	5	6	0	2.66	83	100	5	0	0	0.00	-	-	11	100	100	100	
SUDNUTI	2	5	0	4.07	80	100	2	0	0	0.00	-	-	7	100	100	100	
AJK	34	45	0	2.66	91	100	34	1	0	0.51	0	-	124	100%	100%	100%	
Summary — Islamabad																	
ISLAMABAD	13	14	0	2.17	86	***	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. 4 ended on 31 January 2015 *** 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 LAB+AFP REC file 31/1/2015)

Province	Total AFP 2014	Total AFP 2015	W 39 27-Sep-14	W 40 4-Oct-14	W 41 11-Oct-14	W 42 18-Oct-14	W 43 25-Oct-14	W 44 1-Nov-14	W 45 8-Nov-14	W 46 15-Nov-14	W 47 22-Nov-14	W 48 29-Nov-14	W 49 6-Dec-14	W 50 13-Dec-14	W 51 20-Dec-14	W 52 27-Dec-14
Punjab	2432	105	55	49	38	57	47	55	47	60	37	42	39	38	45	36
Sindh	1021	67	32	25	15	21	24	18	25	25	24	23	24	20	18	15
Khyber Pakhtunkhwa	1044	31	18	28	32	21	23	23	23	33	17	26	22	14	26	10
FATA	464	10	12	9	12	7	7	14	8	20	9	3	2	4	4	2
Balochistan	230	15	6	6	5	6	5	1	4	8	9	5	6	2	7	6
AJK	45	1	1	1	0	1	0	0	3	1	4	0	2	0	2	0
Gilgit-Baltistan	9	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Islamabad	14	0	2	1	0	0	3	2	0	1	0	0	0	0	0	0
Pakistan	5259	230	126	119	102	113	109	113	110	148	100	99	95	79	103	69

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

Province	2013	2014	2015	Last 12 months												
				Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan [¶]	
Punjab	7	4	-	-	-	-	-	-	-	1	1	1	-	-	1	-
Sindh	10	30	1	1	2	2	1	4	2	4	6	5	1	2	1	1
Khyber Pakhtunkhwa	11	68	4	2	4	1	3	5	5	8	14	6	15	3	4	4
FATA	65	179	2	15	8	14	12	9	21	24	25	14	18	4	2	2
Balochistan	-	25	-	-	-	-	-	-	-	1	3	3	5	9	4	-
AJK/ Gilgit- Baltistan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Islamabad ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pakistan	93	306	7	18	14	17	16	18	30	40	49	30	43	14	7	

¶ Data not complete

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - PUNJAB - JAN 2015 NIDS

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	256,909	264,954	103	26,673	56	26,729	12	0	12
BAHAWALPUR	587,540	590,961	101	57,061	34	57,095	15	0	15
BAHWLNAGAR	465,025	485,089	104	36,501	37	36,538	596	0	596
BHAKKAR	255,133	266,125	104	18,215	43	18,258	20	10	30
CHAKWAL	188,640	196,019	104	13,157	16	13,173	2	0	2
CHINIOT	236,478	244,802	104	22,657	2	22,659	267	0	267
DGKHAN	516,905	579,974	112	46,920	96	47,016	17	2	19
FAISALABAD	1,295,161	1,350,030	104	135,680	64	135,744	590	0	590
GUJRANWALA	849,518	896,601	106	108,919	60	108,979	150	0	150
GUJRAT	416,256	426,818	103	37,900	21	37,921	0	0	0
HAFIZABAD	195,890	201,637	103	21,633	15	21,648	514	0	514
JHANG	436,944	451,956	103	36,362	11	36,373	111	0	111
JHELUM	168,273	174,591	104	10,668	0	10,668	0	0	0
KASUR	542,736	580,258	107	39,902	12	39,914	114	0	114
KHANEWAL	475,993	494,821	104	40,043	34	40,077	85	0	85
KHUSHAB	183,178	187,018	102	12,745	0	12,745	0	0	0
LAHORE	1,588,002	1,687,728	106	191,935	818	192,753	2,114	0	2,114
LAYYAH	275,956	300,601	109	24,618	12	24,630	45	0	45
LODHRAN	288,795	298,184	103	27,400	17	27,417	609	1	610
MBDIN	241,948	255,773	106	18,859	0	18,859	5	0	5
MIANWALI	232,261	247,287	106	19,296	104	19,400	713	45	758
MULTAN	796,472	826,551	104	101,095	136	101,231	607	23	630
MUZFARGARH	775,001	794,641	103	70,991	57	71,048	493	1	494
NANKANASAHIB	228,649	240,904	105	27,253	8	27,261	1,612	0	1,612
NAROWAL	291,824	320,147	110	37,442	14	37,456	114	2	116
OKARA	530,628	554,972	105	61,325	37	61,362	959	0	959
PAKPATTEN	295,261	315,515	107	31,452	9	31,461	625	2	627
RAJANPUR	356,490	383,660	108	26,583	3	26,586	2	0	2
RAWALPINDI	750,973	793,067	106	76,545	1,582	78,127	487	283	770
RYKHAN	839,189	882,565	105	84,559	116	84,675	8,065	4	8,069
SAHIWAL	412,845	431,167	104	44,892	0	44,892	0	0	0
SARGODHA	562,154	572,429	102	36,107	12	36,119	33	0	33
SHEIKUPURA	558,884	589,533	105	46,607	7	46,614	947	1	948
SIALKOT	622,058	653,807	105	65,832	32	65,864	1,044	0	1,044
TTSINGH	357,640	381,375	107	38,121	12	38,133	283	4	287
VEHARI	499,722	521,406	104	48,072	24	48,096	560	2	562
PUNJAB ⁹	17,575,331	18,442,966	105	1,744,020	3,501	1,747,521	21,810	380	22,190

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - KPK - JAN 2015 NIDs

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	204,987	103	17,514	137	17,651	4,337	52	4,389
BANNU	155,076	166,371	107	13,298	10,700	23,998	893	6,407	7,300
BATAGRAM	81,554	85,607	105	7,211	36	7,247	373	0	373
BUNER	184,300	188,572	102	18,342	17	18,359	1,716	0	1,716
CHARSADA	273,848	247,581	90	18,306	5,713	24,019	1,899	2,947	4,846
CHITRAL	69,940	45,860	66	3,170	0	3,170	1,190	0	1,190
DIKHAN	269,775	291,226	108	27,313	1,667	28,980	3,430	819	4,249
DIRLOWER	265,149	278,783	105	28,222	41	28,263	3,048	3	3,051
DIRUPPER	184,989	189,611	102	12,836	3	12,839	1,578	3	1,581
HANGU	115,850	115,208	99	8,514	553	9,067	1,789	123	1,912
HARIPUR	186,285	189,943	102	16,154	174	16,328	3,082	98	3,180
KARAK	118,570	122,901	104	9,425	943	10,368	2,033	379	2,412
KOHAT	195,686	192,253	98	15,309	992	16,301	2,027	119	2,146
KOHISTAN	78,456	80,890	103	2,911	17	2,928	4	0	4
LAKKIMRWT	153,372	157,132	102	14,961	6,786	21,747	2,544	4,244	6,788
MALAKAND	118,112	121,049	102	12,188	108	12,296	2,024	0	2,024
MANSEHRA	282,153	271,056	96	25,875	162	26,037	7,376	7	7,383
MARDAN	360,990	367,022	102	32,546	6,057	38,603	3,805	3,354	7,159
NOWSHERA	272,815	266,239	98	25,510	4,911	30,421	3,799	3,380	7,179
PESHAWAR	754,383	699,143	93	47,777	14,053	61,830	16,169	8,866	25,035
SHANGLA	149,081	162,821	109	9,696	2	9,698	108	2	110
SWABI	258,432	247,226	96	15,768	5,204	20,972	1,787	4,373	6,160
SWAT	410,830	425,375	104	36,921	41	36,962	6,768	1	6,769
TANK	76,966	79,966	104	4,169	631	4,800	547	403	950
TORGHAR	39,948	36,590	92	1,483	12	1,495	172	0	172
KPK	5,254,841	5,233,412	100	425,419	58,960	484,379	72,498	35,580	108,078

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - FATA - JAN 2015 NIDs

BAJOUR	233,025	219,703	94	21,467	0	21,467	4,209	0	4,209
FR BANNU	44,009	52,441	119	3,119	456	3,575	432	228	660
FR DIKHAN	14,639	13,138	90	1,030	68	1,098	184	49	233
FR KOHAT	20,257	18,410	91	869	56	925	164	0	164
FR LAKKI	8,182	7,301	89	878	79	957	165	66	231
FR PESHAWAR	12,719	11,110	87	1,019	0	1,019	-12	0	-12
FR TANK	10,568	10,301	97	482	12	494	61	0	61
KHYBER	228,980	125,649	55	10,335	363	10,698	3,475	69	3,544
KURRAM	138,689	115,802	83	13,955	16	13,971	5,077	8	5,085
MOHMAND	87,445	87,299	100	6,903	14	6,917	1,336	0	1,336
ORAKZAI	65,918	33,412	51	1,645	0	1,645	213	0	213
WAZIR-N	162,177	10,237	6	0	0	0	0	0	0
WAZIR-S	118,156	80,513	68	1,850	280	2,130	388	105	493
FATA	1,144,764	785,316	69	63,552	1,344	64,896	15,692	525	16,217

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - SINDH - JAN 2015 NIDs

District	Total target population for the campaign	Reported Coverage		Reported unvaccinated children ¹¹					
		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	327,359	342,053	104	22,848	74	22,922	92	0	92
DADU	328,467	335,294	102	22,588	15	22,603	1,879	8	1,887
GHOTKI	333,094	351,102	105	32,546	121	32,667	1,056	31	1,087
HYDERABAD	298,218	321,503	108	37,705	2,183	39,888	6,809	1,436	8,245
JACOBABAD	226,443	231,482	102	17,900	272	18,172	1,313	0	1,313
JAMSHORO	180,381	194,860	108	16,926	303	17,229	1,097	121	1,218
KAMBAR	298,071	298,804	100	25,574	90	25,664	3,435	11	3,446
KASHMORE	233,012	224,104	96	13,710	38	13,748	138	-23	115
KHAIRPUR	441,691	452,011	102	34,621	308	34,929	4,588	23	4,611
KHIBALDIA	119,863	122,018	102	8,184	1,854	10,038	412	295	707
KHIBINQASIM	109,945	118,740	108	6,030	1,096	7,126	1,556	696	2,252
KHIGADAP	226,016	225,668	100	6,984	3,036	10,020	3,645	1,767	5,412
KHIGIQBAL	158,944	166,364	105	10,282	1,875	12,157	986	741	1,727
KHIGULBERG	69,130	73,745	107	4,070	1,007	5,077	93	78	171
KHIJAMSHEED	137,878	134,627	98	4,552	1,882	6,434	591	558	1,149
KHIKAMARI	113,438	112,694	99	5,526	964	6,490	402	284	686
KHIKORANGI	144,917	141,440	98	6,913	918	7,831	172	31	203
KHILANDHI	193,005	191,188	99	9,855	1,193	11,048	1,833	652	2,485
KHILAYARI	91,750	92,816	101	7,073	441	7,514	962	318	1,280
KHILIAQAT	82,755	83,961	101	6,465	852	7,317	479	295	774
KHIMALIR	75,893	75,885	100	5,716	489	6,205	1,291	301	1,592
KHINNAZIM	67,190	74,527	111	4,527	2,132	6,659	344	774	1,118
KHINORTH	118,767	129,425	109	9,452	1,444	10,896	1,659	772	2,431
KHIORANGI	167,523	170,232	102	12,192	3,597	15,789	1,142	975	2,117
KHISADDAR	121,249	122,946	101	5,251	661	5,912	208	129	337
KHISHAHFAISAL	74,088	71,408	96	5,201	845	6,046	928	533	1,461
KHISITE	133,114	130,305	98	4,953	2,712	7,665	634	487	1,121
LARKANA	308,801	313,034	101	33,227	73	33,300	1,838	53	1,891
MATIARI	146,904	149,816	102	15,933	172	16,105	35	0	35
MIRPURKHAS	271,973	297,376	109	27,963	475	28,438	5,874	264	6,138
NFEROZ	286,789	290,277	101	26,233	8	26,241	749	0	749
SANGHAR	362,765	377,872	104	30,753	831	31,584	8,668	689	9,357
SBENAZIRABAD	310,385	332,378	107	22,827	114	22,941	616	1	617
SHIKARPUR	250,037	254,916	102	20,113	124	20,237	3,690	9	3,699
SUKKUR	261,635	286,911	110	21,850	94	21,944	2,951	7	2,958
T.ALLAHYAR	148,096	155,790	105	15,178	267	15,445	26	0	26
THARPARKAR	217,659	214,066	98	12,005	655	12,660	672	69	741
THATTA	305,453	310,437	102	18,576	379	18,955	549	3	552
TMKHAN	121,475	122,378	101	7,834	86	7,920	640	9	649
UMERKOT	199,527	217,947	109	17,352	106	17,458	3,064	7	3,071
SINDH ¹¹	8,063,700	8,312,400	103	617,488	33,786	651,274	67,116	12,404	79,520

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - BALOCHISTAN - JAN 2015 NIDS

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	29,878	27,709	93	719	0	719	68	0	68
BARKHAN	25,611	26,989	105	600	5	605	10	0	10
BOLAN	69,742	67,281	96	2,360	86	2,446	51	6	57
CHAGHAI	45,800	42,544	93	717	163	880	59	54	113
DBUGTI	41,903	41,177	98	664	108	772	22	1	23
GWADUR	41,812	41,482	99	1,656	0	1,656	93	0	93
HARNAI	19,700	21,164	107	1,000	21	1,021	13	4	17
JAFARABAD	168,315	182,060	108	12,850	56	12,906	1,497	11	1,508
JHALMAGSI	35,963	27,423	76	731	0	731	14	0	14
KABDULAH	132,639	126,431	95	5,718	6,300	12,018	1,432	1,486	2,918
KALAT	73,687	70,478	96	3,152	250	3,402	169	51	220
KECH	147,489	127,518	86	4,485	0	4,485	244	0	244
KHARAN	33,443	26,226	78	206	2	208	33	0	33
KHUZDAR	115,475	114,054	99	4,203	0	4,203	3	0	3
KOHLU	22,090	20,955	95	105	0	105	87	0	87
KSAIFULAH	60,033	62,001	103	177	179	356	24	82	106
LASBELA	91,798	106,472	116	4,628	191	4,819	479	61	540
LORALAI	62,244	66,741	107	0	0	0	1,157	166	1,323
MASTUNG	53,617	56,355	105	831	413	1,244	327	399	726
MUSAKHEL	28,123	27,710	99	0	0	0	82	23	105
NOSHKI	33,986	33,888	100	593	170	763	14	13	27
NSIRABAD	116,547	130,203	112	6,836	662	7,498	1,610	118	1,728
PANJGOUR	66,227	44,166	67	1,934	0	1,934	243	0	243
PISHIN	139,286	104,632	75	3,527	5,003	8,530	2,300	1,204	3,504
QUETTA	475,166	424,638	89	15,595	9,299	24,894	4,071	1,139	5,210
SHARANI	24,701	18,168	74	246	0	246	81	0	81
SIBI	41,586	39,726	96	1,911	75	1,986	273	11	284
WASHUK	19,205	22,284	116	158	0	158	74	0	74
ZHOB	62,783	63,133	101	0	0	0	396	294	690
ZIARAT	28,044	20,411	73	1,013	143	1,156	264	49	313
BALOCHISTAN	2,306,893	2,184,019	95	76,615	23,126	99,741	14,382	5,172	19,554

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - AJK - JAN 2015 NIDS

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	63,010	64,253	102	1,532	7	1,539	18	7	25
BHIMBER	72,472	74,878	103	2,802	10	2,812	33	10	43
HATTIAN	40,656	41,551	102	734	5	739	0	5	5
HAVELI	24,947	25,653	103	618	0	618	0	0	0
KOTLI	134,613	135,823	101	2,866	0	2,866	10	0	10
MIRPUR	75,666	81,280	107	3,943	9	3,952	67	5	72
MUZAFFARABAD	111,848	115,328	103	1,012	0	1,012	11	0	11
NEELUM	31,386	32,016	102	349	0	349	17	0	17
POONCH	94,331	94,327	100	5,698	0	5,698	4	0	4
SUDNUTI	49,980	49,800	100	910	9	919	0	9	9
AJK	698,909	714,909	102	20,464	40	20,504	160	36	196

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - G BALTISTAN - JAN 2015 NIDS

ASTORE	17,071	15,611	91	237	0	237	0	0	0
DIAMIR	43,329	46,235	107	326	7	333	0	0	0
GHANCHE	17,623	17,744	101	481	0	481	0	0	0
GHIZER	27,092	27,852	103	705	0	705	0	0	0
GILGIT	40,371	43,441	108	1,171	0	1,171	0	0	0
HUNZANAGAR	17,752	16,298	92	999	0	999	0	0	0
SKARDU	51,114	51,350	100	905	0	905	0	0	0
G BALTISTAN	214,352	218,531	102	4,824	7	4,831	0	0	0

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - ISLAMABAD - JAN 2015 NIDS

CDA	130,269	129,716	100	10,178	284	10,462	1,754	136	1,890
ICT	130,992	138,449	106	11,820	179	11,999	1,482	139	1,621
ISLAMABAD	261,261	268,165	103	21,998	463	22,461	3,236	275	3,511

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - PAKISTAN - JAN 2015 NIDS

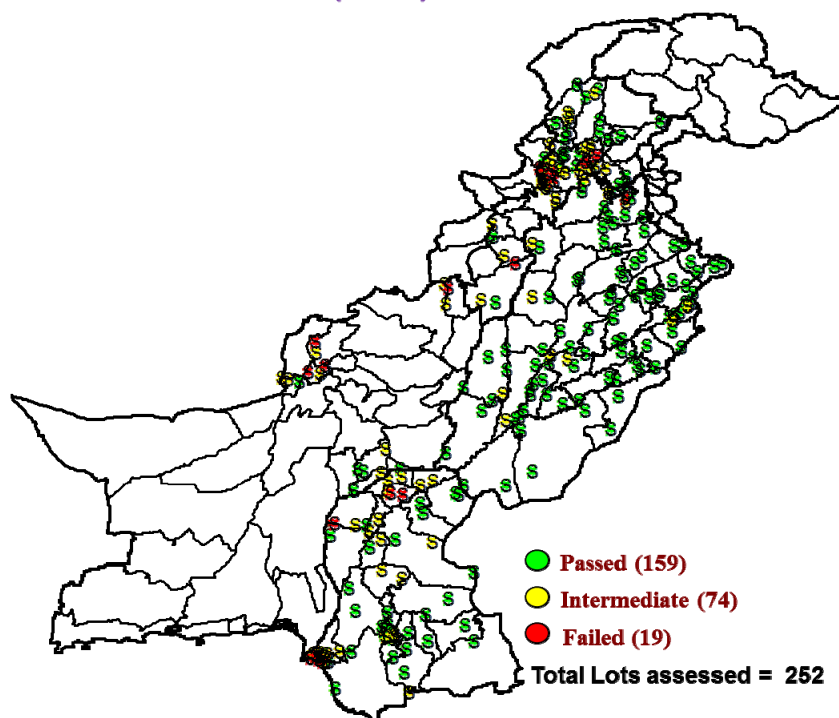
District	Total target population for the campaign	Reported Coverage		Reported unvaccinated children					
		Children vaccinated (n)	% Children vaccinated among total target population	Children recorded as unvaccinated			Children still unvaccinated from recorded unvaccinated		
				Not Available	Refusal	Total	Not Available	Refusal	Total
AJK	698,909	714,909	102	20,464	40	20,504	160	36	196
BALUCHISTAN	2,306,893	2,184,019	95	76,615	23,126	99,741	14,382	5,172	19,554
FATA	1,144,764	785,316	69	63,552	1,344	64,896	15,692	525	16,217
GBALTISTAN	214,352	218,531	102	4,824	7	4,831	0	0	0
ISLAMABAD	261,261	268,165	103	21,998	463	22,461	3,236	275	3,511
KP	5,254,841	5,233,412	100	425,419	58,960	484,379	72,498	35,580	108,078
PUNJAB	17,575,331	18,442,966	105	1,744,020	3,501	1,747,521	21,810	380	22,190
SINDH	8,063,700	8,312,400	103	617,488	33,786	651,274	67,116	12,404	79,520
PAKISTAN	35,520,051	36,159,718	102	2,974,380	121,227	3,095,607	194,894	54,372	249,266

The first National Immunization Days (NIDs) of 2015 have been completed in all planned 163 districts/ towns/ tribal agencies/ FR areas across the country, targeting around 35.5 million children with bivalent Oral Polio Vaccine (bOPV). Punjab has preponed the NIDs and started vaccination activities from 2nd week of January in all districts due to a scheduled Measles campaign in the 3rd week. The vaccination activities were delayed due to heavy snow fall in two UCs of Skardu in Gilgit Baltistan; three UCs of Mansehra and 10 UCs of Chitral districts in Khyber Pakhtunkhwa. The campaign was also delayed in Zhob, Loralai, Musakhel and Killa Saifullah districts in Balochistan; 36 UCs of Mansehra and tehsil Allai of Batagram district in Khyber Pakhtunkhwa for better security arrangements. In Karachi the campaign has been conducted in three phases. More than 36.1 million children (102% of the target population up to the age of 5 years) have been reportedly vaccinated across the country in Jan 2015 NIDs.

A total of 252 lots were assessed through Lot Quality Assurance Sampling (LQAS) after the January NIDs; of which 159 (63%) were of passed quality. Seventy-four (29%) Lots were of intermediate quality from 46 districts/ towns/ tribal agencies/ FR areas including 19 district of Sindh, 13 of Khyber Pakhtunkhwa, six districts each of Balochistan and Punjab, and two of Islamabad. Out of 19 Lots that were of failed quality; seven (36.8%) were from Khyber Pakhtunkhwa province (three in Peshawar and one each in Charsada, Swabi, Buner and Lakki Marwat districts) and seven (36.8%) were from Sindh province (four from Karachi (one each from Jamshed, Kemari, Korangi and Liaqatabad towns), two from Shikarpur and one from Kambar districts). Other districts where the LQAS Lots were failed includes two in Quetta and one each in Pishin and Sherani districts in Balochistan province and one in ICT of Federal Capital Islamabad. It is important to mention that no LQAS has been conducted in AJK, FATA and Gilgit Baltistan.

Market Survey results showed sub optimal performance in Mastung (73%), Chaghi and Killa Abdullah (81%) in Balochistan; FR Bannu (84%), FR Peshawar and Mohamand agency (88%) in FATA; and Peshawar (86%), Swabi (87%), Nowshera (88%), Mardan and Tank (89%) in Khyber Pakhtunkhwa. The sub-optimal vaccination quality in critical districts/ agencies of reservoir regions in FATA, central Khyber Pakhtunkhwa, Balochistan and the high risk towns in Karachi is of serious concern. It is important to ensure the highest campaign quality in polio reservoirs to stop the viral circulation. At the mean time quality maintenance is also important in areas without polio cases and endemic poliovirus circulation to avert the risk of viral introduction.

**Lot Quality Assurance Sampling (LQAS)
Jan (19-21) 2015 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	LQAS not conducted				97
BALUCHISTAN	17	5 (30%)	8 (47%)	4 (23%)	79
FATA	LQAS not conducted				92
GBALTISTAN	LQAS not conducted				94
ISLAMABAD	4	0	3 (75%)	1 (25%)	96
KPK	63	26 (41%)	30 (47%)	7 (11%)	93
PUNJAB	99	91 (92%)	8 (8%)	0	98
SINDH	69	37 (54%)	25 (36%)	7 (10%)	97
TOTAL 14	252	159 (63%)	74 (29%)	19 (8%)	96