

CURRENT EPIDEMIOLOGY OF POLIO IN PAKISTAN

As of 25th July 2014, 102 type-1 wild poliovirus (WPV) cases have been reported from 15 districts/ towns/ tribal agencies/ FR areas (compared to 24 in 2013 from 12 districts/ towns/ tribal agencies/ FR areas). Moreover, WPV-1 has also been isolated from 54 environmental samples in 2014 (out of 172 samples for which results are available) from Karachi (Gaddap, Baldia and Gulshan-e-Iqbal towns), Hyderabad and Sukkur in Sindh, Peshawar in Khyber Pakhtunkhwa, Lahore and Rawalpindi in Punjab and Quetta in Balochistan. Nineteen sabin-2 like poliovirus cases have been reported so far in 2014 including 17 from FATA (nine from North Waziristan agency and eight from FR Bannu) and two from Khyber Pakhtunkhwa (one each from Bannu and Lakki Marwat).

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

- 85 (83.3%) polio cases are younger than two years (median age: 16.5 months).
- Based on recall of parents, 80 (78.4%) cases did not receive any OPV dose (through routine vaccination and/or campaigns).

It is worth mentioning that, 90.2% (92/102) polio cases so far in 2014 have been reported together from Khyber Pakhtunkhwa 16.6% (17/102) and FATA 73.5% (75/102) indicating that these regions remain the key polio reservoirs in the country. Situation in Karachi has also been very concerning since all the three high risk towns (Gadap, Gulshan-e-Iqbal and Baldia) had the continuous presence of wild poliovirus in environmental samples collected from Jan to May 2014. Moreover, eight out of nine wild polio cases from Sindh province this year has been reported from Karachi. This situation in Karachi correlates with deteriorating quality of supplementary immunization activities (SIAs) in 2013 and in the first half of 2014. Recently, the wild polio case reported from Sanghar district in Sindh is also genetically linked to Karachi. Hyderabad district in Sindh also detected WPV-1 in the last three consecutive environmental samples since April 2014. Genetic analysis of the isolated virus also indicates its linkage with the virus found in the environmental samples from Karachi. Sukkur district in Sindh has reported WPV-1 in two of last four environmental samples including an Orphan virus which in turn indicate the substantial immunity and surveillance gaps in Northern Sindh.

No polio case has been detected so far in 2014 from Punjab. However, detection of WPV-1 in nine out of twelve environmental samples collected since April this year from four sites of Lahore indicates a very concerning situation. Moreover, WPV-1 has also been detected in the environmental sample collected on 21st May from Rawalpindi. The initial four environmental samples collected from the capital territory of Islamabad since 21st March turned negative for wild poliovirus. No positive environmental sample has been reported from Multan this year while environmental samples from Faisalabad have been negative for over 18 months now.

Balochistan province did report a wild poliovirus case after the interval of 23 months from district Killa Abdullah. Furthermore,

News Briefs and Events

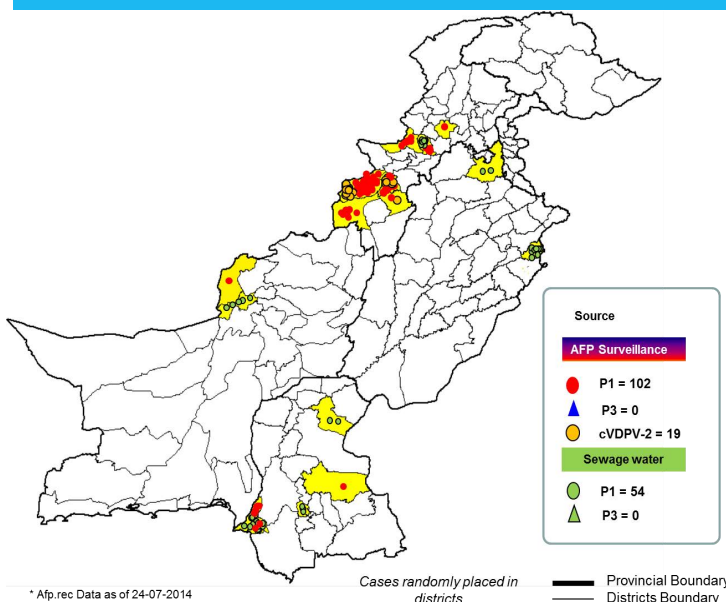
- Pakistan Afghanistan cross boarder coordination meeting, chaired by the Health Minister of Balochistan was held in Quetta on 10-11 July 2014.
- In response to positive environmental isolates in Sukkur; 2nd vaccination passage in Northern Sindh, and 3rd passage in the neighboring districts of Punjab & Balochistan have been completed.

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detection of WPV-1 in the last three of four environmental samples collected from the two sites in Quetta already turned the situation to utmost concern in Quetta Block. 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) 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.

In conclusion; Pakistan is reporting about 78% of the global polio cases in 2014 so far, and poliovirus circulation in the country can be seen over a wider geographically area (compared to the first half of 2013). Keeping in view that the country is currently passing through the high poliovirus transmission season; it is of highest importance to immediately gain consistent access to all the children in the unreached areas of FATA by taking on-board all the stakeholders and strengthening Civil Military Coordination. Moreover; In the current evolving situation with massive population displacement from North Waziristan, all the efforts must continue to ensure that these populations are vaccinated against polio and other vaccine preventable diseases. The Internally Displaced Persons (IDPs) from North & South Waziristan are to be tracked and vaccinated on the transit points and at their destination in the adjacent Frontier Regions and districts of Southern and Central Khyber Pakhtunkhwa. Furthermore, consistent access to all the children in reservoirs of Central Khyber Pakhtunkhwa and Karachi and ensuring high quality SIAs targeting the priority population through providing secure environment for vaccinators will act as key to stopping wild poliovirus circulation from the country.

Map-1: Poliovirus Isolates 2014 (As of 24-07-2014)



International Ulama Conference on Polio Eradication

بين الاقوامی علماء کا کنفرنس برائے انسداد پولیو
المؤتمر الدولي للعلماء حول إستئصال شلل الأطفال
15-16 June 2014, Islamabad, Pakistan



ISLAMABAD DECLARATION / FATWA

International Ulama Conference on Polio Eradication

15-16 June 2014, Islamabad Pakistan

We, the Ulama of Islamic Republic Pakistan and the Muslim World along with international Islamic organizations including the Islamic Development Bank (IDB), Organization of Islamic Cooperation (OIC), Al Azhar Al Sharif, the International Islamic Fiqh Academy (IIFA), the International Islamic University of Islamabad (IIUI) and the National Islamic Advisory Group (NIAG) of Pakistan are participating in the International Ulama Conference in Islamabad; after having been briefed on the technical aspects of the polio eradication campaign, by senior Muslim health experts, we issue FATWA in the light of Sharia that the polio vaccine does not contain any harmful constituents, we reiterate that use of polio vaccine is fully permissible under Islamic Sharia to protect individuals from polio.

We recommend that following steps are taken to save the children in the Muslim countries from fatal and crippling disease of Polio:

We express utmost solidarity with global polio eradication program. We fully endorse the usage of oral polio vaccine currently being used, that has its constituents written on the vial/bottle and reaffirm and endorse all the national and international Fatwas issued in its favour.

We also strongly express that it is obligatory for parents and is the right of the children to be saved from the crippling disease of polio and its life-long adverse effects. It is the responsibility of the Government to take care of the children's health and do all the necessary arrangements in this regard.

In view that 54 of the 57 OIC member states/countries have used the same vaccine (that is used in Pakistan and other endemic countries) to eradicate polio, and that Kingdom of Saudi Arabia has put a condition of polio vaccination and certificate for performing Umrah, it is important and essential that the Government of Pakistan takes all necessary measures to enhance awareness among the masses about purity and effectiveness of polio vaccine and also possibly arrange vaccine manufacturing in Pakistan or procure it from Muslim countries (and/or trusted sources); and also possibly enable the laboratories to test the vaccine.

Fully trusting the statement of the Muslim health experts, we believe that polio eradication in Pakistan is possible only by effectively using the oral polio vaccine. Keeping this in view, we make an appeal that access must be ensured for performing vaccination against polio across the country (all parts) and safety and security of polio vaccinators / health workers must be ensured; local Muslim teams may be selected in areas that had attacks on health workers - females following the local socio-cultural norms and pious men. We strongly condemn the use of polio eradication campaigns for any other (political) purposes.

We strongly condemn and denounce the attacks on polio workers as an act against the teachings of Islam; such acts are not acceptable at any cost. We appeal the Government of Pakistan and its line departments and Muslim organization to play their role in protecting the polio workers and health centers. This will enable them fulfilling their duties and save our children and families from dangerous diseases and hence save the future of the nation and the country.

We condemn the drone attacks in Pakistan and Nigeria. In conflict and war like situations, it is a moral, humanitarian and religious obligation on the Governments to make arrangement and help the displaced populations.

We appeal the media, masses and all concerned to obtain and disseminate correct and true information regarding polio eradication and play a strong role against the elements disseminating false news and rumors about polio. Such rumors can endanger the lives of hundreds of thousands of children.

We strongly appeal the Government to continue dialogue with Ulama (religious leaders) under the forum of National Islamic Advisory Group with special focus on the areas with polio outbreak. We fully agree and support the plan of the National Islamic Advisory Group.

We expect the media to join hands with national and international Ulama and health experts to overcome and remove the doubts and uncertainties in public about polio vaccine. The Government must ensure proper selection of teams as per every area's local cultural norms and preferences. The local Ulama (religious leaders) should support raising the teams in their respective areas.

By virtue of this conference, we request the Government of Pakistan and Ministries of Health to formulate a comprehensive five-year plan on childhood vaccination against all fatal/dangerous diseases. We also request donors and partners to play an effective role in this regard. We are thankful to the Organization of Islamic Cooperation (OIC), International Islamic Fiqh Academy (IIFA) and Islamic Development Bank (IDB) for their extraordinary financial support to protect the children. We thank the OIC member states / countries and international partners for their financial and other contributions to eradicate polio from the endemic countries.

While assuring and reaffirming all our support, we sincerely hope that the Government of Pakistan and local influential would play their role to remove any public misconceptions about polio.

Global Update (as of 25th July 2014)

131 polio cases have been reported in 2014, 115 from endemic countries (Pakistan-102, Afghanistan-08, Nigeria-05) and 16 from non-endemic countries (Equatorial Guinea-05, Somalia-4, Cameroon-03, Iraq-02, Ethiopia-01, Syria-01)

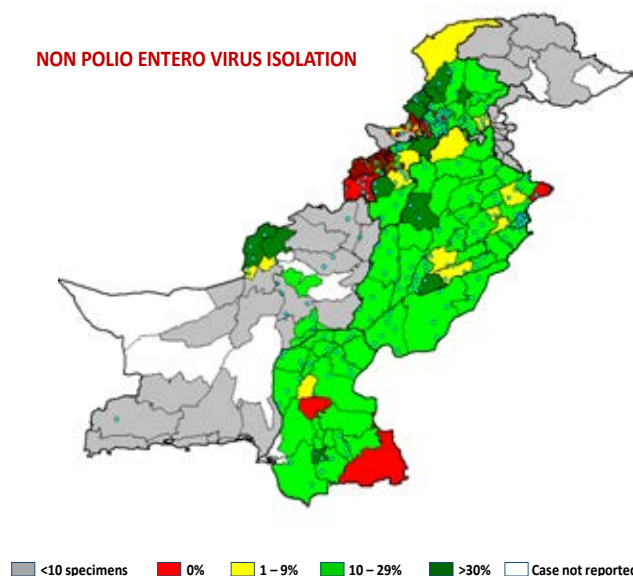
For details, please visit: www.polioeradication.org

Non-Polio Entero-Virus Isolation Rate Jan-June 2014

The non-polio entero-virus (NPEV) isolation rate in the stool specimens of acute flaccid paralysis (AFP) cases and contacts is an indicator to monitor the quality of the reverse cold chain and the performance of the laboratory to isolate viruses. In developing countries, the NPEV isolation rate should be 10% or more. Since 2005, the proportion of specimens with NPEV isolation has consistently been above the standard at the national and provincial levels as well as majority of districts.

The map below shows the percentage of specimens with NPEV isolation in districts/agencies having at least 10 specimens collected from Jan-June 2014. Majority of the districts are reaching the target. Among the districts with low NPEV isolation, of particular concern are those which did not have any NPEV as well as Sabin-like (SL) virus isolation (KHI Layari, KHI Site, S Benazirabad, Noshero Feroz, Tharparkar, Chitral, Karak and Attock). **All those districts where the NPEV isolation is below 10%** (Table below) **should review the specimen handling process and ensure adequate maintenance of reverse cold chain.** This can be achieved through: a) education of concerned health staff and mothers/caregivers, b) ensuring ice-packs are changed daily and c) taking measures to ensure appropriate shipping and tracking of specimens until they reach the laboratory.

NON POLIO ENTERO VIRUS ISOLATION



DISTRICT	Total Specimens	EV Isolation %	SL Isolation %
KHILAYARI	10	0	0
KHISITE	10	0	0
SBENAZIRABAD	12	0	0
WAZIRISTAN-S	23	0	35
THARPARKAR	24	0	0
NAROWAL	32	0	6
LAKKIMARWAT	49	4	10
QUETTA	22	5	14
CHITRAL	20	5	0
NFEROZ	20	5	0
KHYBER	52	6	12
NANKANASAHIB	34	6	6
ABBOTTABAD	63	6	6
ATTOCK	29	7	0
KARAK	14	7	0
VEHARI	70	7	4
GUJRWALA	122	7	2
KHANEWAL	78	9	3
KHINAZIM	11	9	27

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	2300	7	5.44	92	100	857	1124	0	5.04	93	95	2010	***	***	***
SINDH	359	967	10	5.30	91	100	366	491	7	5.09	93	96	1507	89	80	90
FATA	35	312	65	10.80	81	51	35	175	69	9.65	87	19	231	38	33	100
BALUCHISTAN	76	198	0	5.11	85	100	77	96	0	4.77	84	90	563	88	82	75
AJK	33	52	0	3.13	92	100	34	19	0	2.16	95	100	124	100	100	100
ISLAMABAD	13	17	0	2.68	100	***	13	3	0	0.89	100	0	42	***	***	***
GBALTISTAN	14	8	0	1.12	88	100	15	7	0	1.86	86	75	42	100	100	100
KHYBER PAKH-TUNKHWA	211	927	11	8.67	83	98	214	425	15	7.32	86	84	1212	39	39	74
TOTAL	1583	4781	93	5.83	89	96	1611	2340	91	5.32	91	87	5731	76%	72%	90%

* 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. 27 ended on 5th July 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

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 ⁴									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 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	10	0	2.73	90	100	77	***	***	***
BAHAWALPUR	29	68	0	4.66	94	100	30	35	0	4.53	100	100	73	***	***	***
BAHWLNAGAR	23	83	0	7.25	93	100	23	36	0	5.94	94	88	90	***	***	***
BHAKKAR	12	42	0	6.94	100	100	12	17	0	5.30	100	100	14	***	***	***
CHAKWAL	11	38	0	6.64	100	100	12	16	0	5.28	100	83	18	***	***	***
CHINIOT	10	32	0	6.16	91	100	11	19	0	6.90	100	100	12	***	***	***
DGKHAN	20	123	0	12.14	89	99	21	69	0	12.86	93	95	56	***	***	***
FAISALABAD	61	106	0	3.48	82	100	62	54	0	3.34	91	100	37	***	***	***
GUJRANWALA	40	107	0	5.38	94	100	40	49	0	4.66	94	94	47	***	***	***
GUJRAT	22	64	0	5.76	97	100	23	26	0	4.42	92	67	118	***	***	***
HAFIZABAD	9	31	0	6.81	97	100	9	17	0	7.05	100	100	54	***	***	***
JHANG	20	60	0	5.95	83	100	21	24	0	4.50	83	100	20	***	***	***
JHELUM	10	39	0	7.78	97	100	10	16	0	6.03	100	83	72	***	***	***
KASUR	27	66	0	4.88	97	100	28	32	0	4.47	100	95	82	***	***	***
KHANEWAL	23	73	0	6.33	88	100	23	35	0	5.73	86	92	30	***	***	***
KHUSHAB	10	17	0	3.53	94	100	10	9	0	3.53	100	60	16	***	***	***
LAHORE	79	129	0	3.25	94	100	81	72	0	3.43	93	100	42	***	***	***
LAYYAH	13	36	0	5.34	89	100	14	24	0	6.72	83	100	37	***	***	***
LODHRAN	14	52	0	7.69	96	100	14	24	0	6.70	100	100	44	***	***	***
MBDIN	12	41	1	6.61	95	100	12	14	0	4.37	100	83	61	***	***	***
MIANWALI	12	50	1	8.41	94	100	12	20	0	6.48	100	100	17	***	***	***
MULTAN	36	104	0	5.79	92	100	37	55	0	5.78	91	100	46	***	***	***
MUZFARGARH	33	121	0	7.38	90	100	33	47	0	5.42	77	93	48	***	***	***
NANKANASAHIB	15	32	0	4.38	97	100	15	15	0	3.88	93	100	29	***	***	***
NAROWAL	13	37	0	5.55	97	100	14	15	0	4.25	100	100	84	***	***	***
OKARA	25	72	0	5.80	90	100	25	33	0	5.02	94	86	39	***	***	***
PAKPATTEN	14	32	0	4.43	81	100	15	16	0	4.18	81	75	50	***	***	***
RAJANPUR	14	74	0	10.92	89	100	14	50	0	13.94	92	97	39	***	***	***
RAWALPINDI	39	71	0	3.65	87	100	40	28	0	2.72	79	100	120	***	***	***
RYKHAN	38	81	0	4.24	93	100	39	72	0	7.12	97	100	80	***	***	***
SAHIWAL	20	52	1	5.13	88	100	20	19	0	3.61	84	89	39	***	***	***
SARGODHA	28	54	0	3.84	93	100	29	35	0	4.70	97	100	159	***	***	***
SHEIKUPURA	24	69	1	5.78	91	100	24	29	0	4.66	97	100	89	***	***	***
SIALKOT	30	67	0	4.41	97	100	31	31	0	3.85	94	100	131	***	***	***
TTSINGH	17	61	3	6.55	85	100	18	29	0	6.29	97	100	14	***	***	***
VEHARI	24	83	0	6.91	94	100	24	32	0	5.03	91	95	26	***	***	***
PUNJAB	842	2300	7	5.44	92	100	857	1124	0	5.04	93	95	2010	***	***	***

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. 27 ended on 5th July 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

DISTRICT WISE SUMMARY OF SURVEILLANCE DATA - SINDH

Town/District	AFP Surveillance Data 2013						AFP Surveillance Data 2014 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	12	2	3.27	58	100	6	4	1	1.85	100	75	20	***	***	***	
BINQASIM	5	13	2	4.54	85	100	5	3	0	2.34	100	100	22	100	82	79	
GADAP	4	34	2	12.92	71	97	4	23	3	17.4	87	58	12	***	***	***	
GULSHAN-E-IQBAL	8	17	1	3.81	100	100	9	9	0	4.04	89	100	20	100	81	75	
GULBERG	5	6	0	2.20	100	100	6	5	0	3.46	100	100	14	100	100	***	
JAMSHEED	9	10	0	2.22	80	90	9	5	0	2.10	80	80	18	***	***	***	
KAMARI	6	8	0	2.71	63	100	6	4	0	2.56	75	100	11	100	100	100	
KORANGI	8	10	0	2.66	80	100	8	4	0	2.01	75	100	13	100	100	58	
LANDHI	9	12	1	2.35	100	100	10	9	1	3.23	100	100	22	100	100	80	
LAYARI	6	7	0	2.19	57	100	7	5	0	2.95	100	100	15	***	***	***	
LIAQATABAD	8	10	0	2.56	100	100	8	8	0	3.87	100	100	17	***	***	***	
MALIR	6	13	0	4.26	100	100	6	2	0	1.24	100	100	13	100	88	83	
N NAZIMABAD	6	7	0	2.34	100	100	6	5	0	3.16	80	100	14	100	100	***	
NORTH KARACHI	8	16	0	3.89	100	100	8	3	0	1.38	100	100	16	***	***	***	
ORANGI	11	25	0	4.58	92	96	11	8	1	2.42	100	100	21	100	100	100	
SADDAR	9	9	0	1.92	89	100	10	1	0	0.40	100	100	21	100	100	100	
SHAHFAISAL	5	11	0	4.31	100	100	5	4	0	2.96	100	100	11	100	98	100	
SITE	7	13	0	3.69	92	100	7	3	1	1.07	100	0	16	100	100	100	
District Wise Summary— Sindh																	
KARACHI	128	233	8	3.46	87	99	130	105	7	2.89	92	88	296	100¥	96¥	88¥	
BADIN	12	45	0	7.25	98	100	13	16	0	4.87	100	100	54	***	***	***	
DADU	13	27	1	4.11	93	100	13	25	0	7.46	96	100	64	100	94	100	
GHOTKI	12	73	0	12.25	92	100	12	25	0	7.93	96	100	50	***	***	***	
HYDERABAD	16	36	0	4.54	86	100	16	19	0	4.52	84	100	30	73	64	***	
JACOBABAD	8	30	0	7.60	90	100	8	17	0	8.13	94	100	45	***	***	***	
JAMSHORO	7	24	0	7.21	79	100	7	13	0	7.38	85	100	37	***	***	***	
KAMBAR	11	32	0	5.72	91	100	11	16	0	5.40	63	92	52	***	***	***	
KASHMORE	7	14	1	3.57	86	100	7	8	0	4.15	88	100	39	***	***	***	
KHAIRPUR	18	60	0	6.74	98	100	18	32	0	6.79	97	100	102	***	***	***	
LARKANA	12	28	0	4.61	100	96	12	16	0	4.98	100	100	52	86	41	92	
MATIARI	5	21	0	8.00	100	100	5	8	0	5.76	100	100	40	***	***	***	
MIRPURKHAS	10	68	0	13.08	99	100	11	37	0	13.4	95	100	104	93	92	77	
NFEROZ	11	22	0	4.00	91	100	11	15	0	5.15	100	100	60	***	***	***	
SANGHAR	17	32	0	3.81	84	100	17	14	0	3.15	93	100	55	92	92	94	
SBENAZIRABAD	11	14	0	2.58	100	100	11	6	0	2.09	100	100	61	***	***	***	
SHIKARPUR	10	25	0	5.16	92	100	10	21	0	8.19	95	88	54	***	***	***	
SUKKUR	11	26	0	4.87	92	96	11	17	0	6.02	94	93	70	***	***	***	
T.ALLAHYAR	5	21	0	8.01	81	100	5	11	0	7.93	100	100	34	***	***	***	
THARPARKAR	11	27	0	4.88	93	100	11	12	0	4.10	100	100	98	84	82	92	
THATTA	12	54	0	8.88	91	100	12	24	0	7.45	96	100	58	76	76	84	
TMKHAN	4	25	0	11.51	96	100	4	13	0	11.3	85	100	12	100	100	***	
UMERKOT	8	30	0	7.35	93	100	8	21	0	9.72	95	100	40	***	***	***	
SINDH	359	967	10	5.30	91	99	236	386	0	6.30	94	98	1507	89¥	80¥	90¥	

* 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. 27 ended on 5th July 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 - 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 Up (%) †	Number of Sites	Completeness (%) † ± ¥	Timeliness (%) * † ± ¥		
District Wise Summary — Khyber-Pakhtunkhwa																	
ABOTABAD	9	34	0	7.40	79	94	9	28	0	11.52	93	100	93	89	89	44	
BANNU	8	25	1	6.07	92	100	8	22	9	5.73	73	77	43	95	95	73	
BATAGRAM	3	10	0	7.23	100	50	3	6	0	8.19	83	0	31	***	***	***	
BUNIR	7	47	0	14.04	85	100	7	18	0	10.16	100	100	42	100	100	***	
CHARSADA	12	76	0	12.59	87	100	12	23	0	7.20	83	81	49	49	49	91	
CHITRAL	4	10	0	5.54	100	50	4	9	0	9.42	78	67	27	***	***	***	
DIKHAN	11	38	0	7.22	89	100	11	11	0	3.95	91	86	54	3	3	***	
DIRLOWER	9	43	0	9.53	81	100	9	15	0	6.28	93	100	62	5	5	***	
DIRUPPER	7	15	0	4.47	80	93	7	3	0	1.69	67	100	30	***	***	***	
HANGU	4	16	0	8.25	63	88	4	2	0	1.95	100	0	23	***	***	***	
HARIPUR	8	30	0	7.96	83	100	8	16	0	8.02	75	56	66	94	94	43	
KARAK	5	26	0	9.78	85	100	5	8	0	5.68	100	80	28	25	25	***	
KOHAT	7	33	1	9.23	85	76	7	23	0	12.53	87	12	40	***	***	***	
KOHISTAN	4	5	0	2.49	60	80	4	7	0	6.59	86	33	31	***	***	***	
LAKKIMRWT	6	58	0	19.40	86	98	6	19	0	11.37	74	92	57	65	64	93	
MALAKAND	6	27	1	9.21	100	100	6	9	0	6.02	89	71	46	4	4	***	
MANSEHRA	11	44	0	8.31	86	93	11	19	0	6.78	89	93	69	73	73	***	
MARDAN	18	104	2	11.65	88	100	18	49	1	10.36	94	100	77	***	***	***	
NOWSHERA	10	48	0	9.28	88	48	11	24	0	8.76	83	100	47	75	75	***	
PESHAWAR	26	125	5	9.30	67	95	26	65	5	8.78	78	98	124	87	87	77	
SHANGLA	5	13	0	4.84	85	85	5	3	0	2.11	100	33	35	***	***	***	
SWABI	12	56	1	8.99	86	66	12	24	0	7.41	96	100	63	75	75	***	
SWAT	16	29	0	3.69	79	86	16	17	0	4.08	88	100	48	75	75	100	
TANK	3	13	0	8.98	62	92	3	4	0	5.22	75	75	27	71	71	***	
TORGHAR	2	2	0	1.75	0	100	2	1	0	1.66	100	0	***	***	***	***	
K- PAKHTUNKHWA	211	927	11	8.67	83	98	214	425	15	7.32	86	84	1212	61%	61%	74%	
Agency Wise Summary — FATA																	
BAJOUR	7	42	0	11.49	64	100	7	11	0	5.68	73	90	28	***	***	***	
FR Bannu	0	24	7	90.83	88	8	0	17	2	70.64	71	8	***	***	***	***	
FR DIKhan	1	2	1	3.70	100	0	1	0	0	0.00	-	-	***	***	***	***	
FR Kohat	0	2	0	8.91	50	100	0	1	0	8.41	100	0	***	100	85	***	
FR Lakki	0	2	0	31.37	100	0	0	2	0	59.24	50	0	***	***	***	100	
FR Peshawar	1	3	0	8.83	100	100	1	1	0	5.56	100	0	***	100	80	***	
FR Tank	0	1	0	5.09	100	0	0	0	0	0.00	-	-	***	***	***	***	
KHYBER	6	58	20	9.98	64	100	7	22	7	8.84	82	89	72	***	***	***	
KURRAM	4	6	0	2.69	100	33	5	1	0	0.85	100	0	30	***	***	***	
MOHMAND	4	14	0	6.33	71	57	4	6	0	5.52	33	50	26	100	100	***	
ORAKZAI	2	5	0	4.30	100	100	2	3	0	4.87	100	100	33	100	77	***	
WAZIR-N	4	136	35	33.33	91	13	4	101	55	38.82	94	0	24	100	89	***	
WAZIR-S	4	17	2	7.43	76	6	4	10	5	4.68	100	0	18	***	***	100	
FATA 6	35	312	65	10.80	81	51	35	175	69	9.65	87	19	231	71%	62%	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. 27 ended on 5th July 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	1	0	3.62	100	0	12	***	***	***
BARKHAN	1	3	0	4.78	67	100	1	2	0	6.02	0	50	9	***	***	***
BOLAN	3	5	0	3.60	100	100	3	2	0	2.72	50	100	23	***	***	***
CHAGHAI	1	3	0	5.34	67	100	1	0	0	0.00	-	-	19	***	***	***
DBUGTI	2	5	0	4.43	80	80	2	2	0	3.34	0	0	9	***	***	***
GWADUR	2	6	0	5.40	83	100	2	2	0	3.40	100	100	11	83	83	100
HARNAI	1	1	0	2.11	100	0	1	00	0	0.00	-	-	10	***	***	***
JAFARABAD	5	25	0	9.34	84	100	5	17	0	12.49	88	100	38	***	***	***
JHALMAGSI	1	1	0	1.54	100	100	1	1	0	2.91	100	100	21	***	***	***
KABDULAH	5	10	0	3.81	70	100	5	9	0	6.47	89	67	26	88	88	80
KALAT	2	2	0	1.83	100	0	2	3	0	5.17	67	100	15	***	***	***
KECH	4	11	0	5.96	91	100	4	3	0	3.07	100	100	19	82	82	75
KHARAN	1	3	0	5.73	100	100	1	1	0	3.61	100	100	6	***	***	100
KHUZDAR	5	3	0	1.28	67	100	5	0	0	0.00	-	-	31	***	***	***
KOHLU	1	***	0	***	***	***	1	0	0	0.00	-	-	6	***	***	***
KSAIFULAH	2	3	0	3.05	67	100	2	3	0	5.77	100	0	14	91	81	63
LASBELA	4	8	0	4.25	100	100	4	2	0	2.01	100	100	40	***	***	***
LORALAI	2	6	0	5.52	100	100	2	2	0	3.48	100	100	19	100	94	75
MASTUNG	2	6	0	4.94	67	17	2	2	0	4.67	50	100	18	***	***	***
MUSAKHEL	1	3	0	4.06	100	100	2	1	0	2.55	0	100	10	***	***	***
NOSHKI	1	1	0	2.23	100	100	1	1	0	4.20	100	100	13	***	***	***
NSIRABAD	3	20	0	12.28	80	100	3	14	0	16.24	79	100	28	91	49	74
PANJGOUR	3	5	0	3.90	100	100	3	1	0	1.47	100	0	13	67	67	60
PISHIN	5	16	0	6.87	100	100	5	7	0	5.67	100	100	33	97	97	83
QUETTA	11	28	0	5.33	86	96	11	11	0	3.96	100	57	62	***	***	***
SHERANI	1	4	0	9.36	50	100	1	1	0	4.42	100	0	4	100	100	100
SIBI	2	4	0	4.63	100	100	2	6	0	13.13	83	100	20	***	***	***
WASHUK	1		0	0.00	***	***	1	0	0	0.00	-	-	9	***	***	***
ZHOB	2	12	0	9.26	83	100	2	2	0	3.18	100	100	15	80	80	25
ZIARAT	1	3	0	5.52	33	67	1	0	0	0.00	-	-	10	***	***	***
BALOCHISTAN	76	198	0	5.11	85	94	77	96	0	4.77	84	90	563	88%	82%	76%

District Wise Summary of Surveillance Data - Gilgit-Baltistan																
ASTORE	1	1	0	1.78	100	100	1	0	0	0.00	-	-	5	100	100	100
DIAMIR	3	1	0	0.70	100	100	3	2	0	2.65	100	100	5	100	100	100
GHANCHE	1	0	0	0.00	-	-	1	0	0	0.00	-	-	7	100	100	100
GHIZER	2	5	0	5.55	80	100	2	2	0	4.19	50	50	7	100	100	100
GILGIT	2	0	0	0.00	-	-	2	1	0	1.80	100	0	12	100	100	100
HUNZANAGAR	1	1	0	1.36	100	100	1	1	0	2.56	100	100	***	100	100	100
SKARDU	3	0	0	0.00	-	-	4	1	0	1.08	100	0	6	100	100	100
G-BALTISTAN	14	8	0	1.12	88	100	15	7	0	1.86	86	75	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. 27 ended on 5th July 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 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 (%) † ‡ §		
District Wise Summary of Surveillance Data - AJK																	
BAGH	3	12	0	7.48	83	100	3	1	0	1.18	100	0	15	100	100	100	
BHIMBER	3	6	0	3.55	100	100	3	3	0	3.35	100	0	11	100	100	100	
HATTIAN	2	2	0	2.21	100	100	2	0	0	0.00	-	-	8	100	100	100	
HAVELI	1	1	0	1.62	0	100	1	2	0	6.11	50	100	6	100	100	100	
KOTLI	6	4	0	1.27	100	100	6	1	0	0.60	100	100	18	100	100	100	
MIRPUR	4	7	0	3.86	100	100	4	2	0	2.08	100	0	26	100	100	100	
MUZAFFAR ABAD	5	10	0	3.73	100	100	5	4	0	2.81	100	100	16	100	100	100	
NEELUM	1	2	0	2.73	100	100	1	2	0	5.15	100	100	6	100	100	100	
POONCH	4	5	0	2.26	80	100	5	2	0	1.71	100	100	11	100	100	100	
SUDNUTI	2	3	0	2.49	100	100	2	2	0	3.13	100	100	7	100	100	100	
AJK	33	52	0	3.13	92	100	34	19	0	2.16	95	100	124	100%	100%	100%	
District Wise Summary of Surveillance Data - Islamabad																	
ISLAMABAD	13	17	0	2.68	100	***	13	3	0	0.89	100	0	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. 27 ended on 5th July 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 05/07/2014)

Province	Total AFP 2013	Total AFP 2014	W 14 5-April-14	W 15 12-April-14	W 16 19-April-14	W 17 26-April-14	W 18 3-May-14	W 19 10-May-13	W 20 17-May-14	W 21 24-May-14	W 22 31-May-14	W 23 7-June-14	W 24 14-June-14	W 25 21-June-14	W 26 28-June-14	W 27 5-July-14
Punjab	2300	1124	36	32	61	55	54	66	58	58	59	54	61	42	17	0
Sindh	972	491	25	24	21	19	22	17	29	15	10	18	19	15	5	1
Khyber Pakhtunkhwa	927	425	16	15	24	24	23	15	14	24	19	18	10	17	7	0
FATA	312	175	6	8	5	8	9	8	11	6	9	6	4	1	0	0
Balochistan	198	96	1	1	1	6	5	6	2	6	2	5	4	3	2	0
AJK	52	19	0	0	0	0	0	0	1	2	2	0	1	1	1	0
Gilgit-Baltistan	8	3	0	0	2	0	0	0	0	1	1	0	0	1	0	0
Islamabad	19	7	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Pakistan	4788	2340	84	80	114	113	113	112	115	113	102	101	99	80	32	1

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

Province	2012	2013	2014	Last 12 months											
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
Punjab	2	7	-	-	-	1	3	-	1	-	-	-	-	-	-
Sindh	4	10	7	1	-	1	2	1	3	-	1	2	2	1	1
Khyber Pakhtunkhwa	27	11	15	-	2	2	1	-	1	2	2	4	1	3	3
FATA	20	65	69	3	6	15	8	9	12	15	15	8	14	12	5
Balochistan	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AJK/ Gilgit- Baltistan	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Islamabad ⁸	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pakistan	58	93	91	4	8	19	14	10	17	17	18	14	17	16	9

¶ Data not complete

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - 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
MAY 2014 SNIDs									
DGKHAN	502,867	551,731	110	50,195	108	50,303	2,280	18	2,298
MIANWALI	213,107	241,393	113	22,947	29	22,976	3,051	26	3,077
MULTAN	721,871	819,036	113	110,577	208	110,785	8,432	115	8,547
MUZFARGARH	720,800	789,830	110	79,351	71	79,422	10,476	26	10,502
RAJANPUR	355,176	376,720	106	27,546	33	27,579	1,265	0	1,265
RAWALPINDI	174,103	174,534	100	21,874	793	22,667	2,609	324	2,933
RYKHAN	797,557	861,401	108	87,597	147	87,744	7,451	0	7,451
SAHIWAL	393,141	431,867	110	52,921	0	52,921	949	0	949
LAHORE	713,452	645,822	91	75,893	398	76,291	7,934	90	8,024
TTSINGH	326,122	370,632	114	44,371	21	44,392	1,337	0	1,337
PUNJAB	4,918,196	5,262,966	107	573,272	1,808	575,080	45,784	599	46,383

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - KPK

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
MAY 2014 SNIDs									
BANNU	155,076	137,569	89	10,682	11,710	22,392	1,132	9,344	10,476
DIKHAN	269,775	265,516	98	31,179	2,316	33,495	5,912	1,518	7,430
HANGU	115,850	111,540	96	8,634	581	9,215	1,028	328	1,356
KARAK	112,904	117,707	104	11,048	2,545	13,593	406	1,627	2,033
KOHAT	190,762	195,574	103	17,304	2,643	19,947	1,841	523	2,364
LAKKIMRWT	146,509	149,167	102	15,653	5,399	21,052	2,082	2,919	5,001
TANK	76,966	76,336	99	3,772	257	4,029	370	235	605
KPK	1,067,842	1,053,409	99	98,272	25,451	123,723	12,771	16,494	29,265
JUNE 2014 SIAs									
BANNU	155,076	137,271	89	11,424	14,509	25,933	1,094	11,005	12,099
CHARSADA	293,837	224,076	76	20,130	10,402	30,532	4,792	7,548	12,340
DIKHAN	269,775	251,156	93	28,639	2,340	30,979	9,370	1,726	11,096
HANGU	115,850	105,581	91	8,330	1,154	9,484	1,566	692	2,258
KARAK	112,904	118,314	105	10,958	1,852	12,810	472	802	1,274
KOHAT	190,762	194,671	102	14,564	2,863	17,427	1,857	775	2,632
LAKKIMRWT	146,509	146,073	100	14,402	6,935	21,337	2,077	4,294	6,371
PESHAWAR	754,383	632,241	84	48,002	24,232	72,234	31,981	21,775	53,756
TANK	76,966	75,575	98	3,639	281	3,920	545	225	770
KPK	9 2,116,062	1,884,958	89	160,088	64,568	224,656	53,754	48,842	102,596

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - FATA

District	Total target population for the campaign	Reported Coverage		Reported unvaccinated children ¹⁰					
		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
MAY 2014 SNIDs									
BAJOUR	229,103	209,864	92	22,367	12	22,379	4,062	0	4,062
FR BANNU	44,009	33,110	75	2,165	328	2,493	284	176	460
FR DIKHAN	14,639	12,199	83	1,025	58	1,083	197	50	247
FR KOHAT	20,257	18,688	92	734	7	741	93	0	93
FR LAKKI	8,182	7,092	87	728	69	797	101	35	136
FR PESHAWAR	12,719	11,273	89	708	31	739	116	0	116
FR TANK	10,568	10,017	95	540	4	544	240	4	244
KHYBER	228,980	117,543	51	8,056	373	8,429	2,662	288	2,950
KURRAM	138,689	99,032	71	15,491	40	15,531	4,550	19	4,569
MOHMAND	87,445	87,395	100	6,593	80	6,673	1,366	0	1,366
ORAKZI	66,268	32,401	49	1,633	0	1,633	265	0	265
WAZIR-N	162,177	0	0	0	0	0	0	0	0
WAZIR-S	118,827	8,350	7	195	6	201	0	6	6
FATA	1,141,863	646,964	57	60,235	1,008	61,243	13,936	578	14,514
JUNE 2014 SIAs									
BAJOUR	229,103	209,509	91	23,074	7	23,081	4,656	0	4,656
FR BANNU	44,009	32,792	75	2,150	449	2,599	274	335	609
FR DIKHAN	14,639	11,393	78	952	51	1,003	95	17	112
FR KOHAT	20,257	18,655	92	665	0	665	97	0	97
FR LAKKI	8,182	7,089	87	698	11	709	143	0	143
FR PESHAWAR	12,719	10,822	85	912	18	930	197	18	215
FR TANK	10,568	10,173	96	475	0	475	50	0	50
KHYBER	228,980	114,491	50	7,819	489	8,308	4,210	296	4,506
KURRAM	138,689	99,028	71	14,596	39	14,635	4,400	14	4,414
MOHMAND	87,445	85,251	97	6,463	4	6,467	1,467	0	1,467
ORAKZI	66,268	32,897	50	1,625	0	1,625	217	0	217
WAZIR-N	162,177	0	0	0	0	0	0	0	0
WAZIR-S	118,827	9,476	8	193	0	193	1	0	1
FATA	1,141,863	641,576	56	59,622	1,068	60,690	15,807	680	16,487

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - 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
MAY 2014 SNIDs									
JAFARABAD	166,113	173,046	104	11,991	40	12,031	934	31	965
KABDULAH	132,693	122,851	93	5,694	5,181	10,875	2,355	1,608	3,963
LASBELA	95,449	42,597	45	1,887	192	2,079	331	118	449
NASIRABAD	116,547	122,501	105	6,265	120	6,385	2,078	9	2,087
PISHIN	111,040	89,264	80	3,037	5,358	8,395	1,714	1,328	3,042
QUETTA	475,166	465,260	98	16,961	9,858	26,819	9,234	1,078	10,312
SHARANI	16,878	16,672	99	330	72	402	150	-	150
ZHOB	53,692	61,944	115	1,240	1,936	3,176	302	958	1,260
BALOCHISTAN	1,167,524	1,094,135	94	47,405	22,757	70,162	17,098	5,130	22,228

SUMMARY OF CONTROL / OPERATIONS ROOM DATA - SINDH

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
MAY 2014 SNIDs									
GHOTKI	333,094	330,779	99	35,333	222	35,555	5,659	102	5,761
HYDERABAD	297,844	301,179	101	33,755	1,837	35,592	6,886	1,479	8,365
JACOBABAD	236,759	217,537	92	15,418	225	15,643	2,443	108	2,551
KAMBAR	284,410	288,132	101	23,224	165	23,389	3,086	108	3,194
KASHMORE	223,317	218,821	98	15,628	69	15,697	3,797	24	3,821
KHAIRPUR	439,463	446,565	102	34,985	621	35,606	5,479	204	5,683
LARKANA	295,939	294,541	100	29,192	45	29,237	1,778	43	1,821
NFEROZ	268,954	278,662	104	20,228	47	20,275	2,395	7	2,402
SHIKARPUR	242,392	239,752	99	18,137	147	18,284	4,000	75	4,075
SUKKUR	262,412	269,812	103	21,001	49	21,050	1,810	8	1,818
SINDH	2,884,583	2,885,780	100	246,901	3,427	250,328	37,333	2,158	39,491
JUNE 2014 SIAs									
KHIBALDIA	65,483	62,803	96	4,144	1,280	5,424	885	573	1,458
KHIBINQASIM	8,537	8,546	100	133	210	343	8	183	191
KHIGADAP	80,500	78,323	97	925	676	1,601	566	434	1,000
KHIGIQBAL	51,056	61,454	120	2,097	436	2,533	132	61	193
KHIGULBERG	6,511	6,205	95	131	136	267	63	104	167
KHIKAMARI	6,000	5,931	99	311	67	378	57	14	71
KHILANDHI	7,500	8,372	112	338	112	450	200	36	236
KHINNAZIM	17,099	16,663	97	708	471	1,179	344	332	676
KHINORTH	18,997	19,306	102	1,238	309	1,547	855	201	1,056
KHIORANGI	54,297	56,778	105	4,401	1,629	6,030	1,157	843	2,000
KHISITE	89,895	73,389	82	2,015	1,361	3,376	236	370	606
SINDH	405,875	397,770	98	16,441	6,687	23,128	4,503	3,151	7,654

SUMMARY OF CONTROL/ OPERATIONS ROOM DATA - 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
MAY 2014 SNIDs									
BALUCHISTAN	1,167,524	1,094,135	94	47,405	22,757	70,162	17,098	5,130	22,228
FATA	1,141,863	646,964	57	60,235	1,008	61,243	13,936	578	14,514
KPK	1,067,842	1,053,409	99	98,272	25,451	123,723	12,771	16,494	29,265
PUNJAB	4,918,196	5,262,966	107	573,272	1,808	575,080	45,784	599	46,383
SINDH	2,884,583	2,885,780	100	246,901	3,427	250,328	37,333	2,158	39,491
PAKISTAN	11,180,008	10,943,254	97	1,026,085	54,451	1,080,536	126,922	24,959	151,881
JUNE 2014 SIAs									
FATA	1,141,863	641,576	56	59,622	1,068	60,690	15,807	680	16,487
KPK	2,116,062	1,884,958	89	160,088	64,568	224,656	53,754	48,842	102,596
SINDH	405,875	397,770	98	16,441	6,687	23,128	4,503	3,151	7,654
PAKISTAN ¹¹	3,663,800	2,924,304	80	236,151	72,323	308,474	74,064	52,673	126,737

Special Vaccination Initiatives for the Internally Displaced Persons (IDPs) from North Waziristan

Since late May 2014, the deteriorating security situation in North Waziristan (NW) led to the commencement of population displacement from the tribal agency to neighboring parts of FATA and Khyber Pakhtunkhwa (KP). An estimated 60,000 people moved out of NW from 22nd May until 17th June 2014. The population shift enhanced sharply following the initiation of an intensified intervention by the Government of Pakistan on 15th June. As per the available estimates more than 992,649 individuals (90,756 families) moved out of NW since 17th June.

With multiple sources about the routes of the current exodus and their ultimate destination, it is established that majority of IDPs have been leaving NW through border with FR Bannu through to Bannu, while some are leaving through borders with Hangu and Kurram Agency. From the bordering districts and tribal agencies, these populations are further moving to destinations within southern KP (Karak, Lakki Marwat, Tank, D.I.Khan, Kohat) and small proportion to distant places like central KP (Charsadda, Peshawar) and Karachi (Sindh).

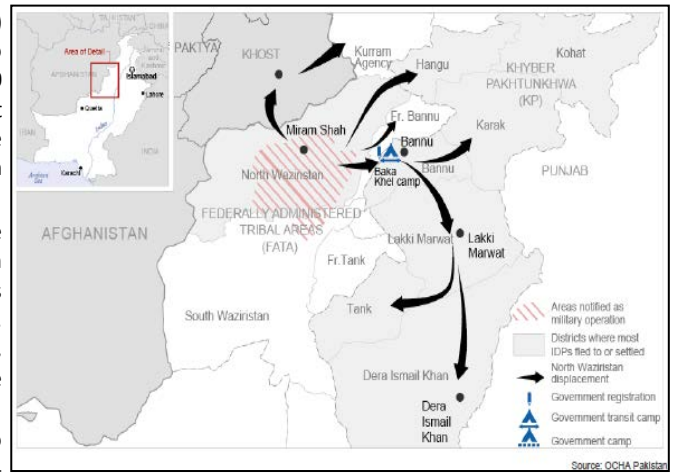
Keeping in view the current significance of North Waziristan for the Global Polio Eradication Initiative (GPEI) and the fact that the tribal agency remained un-reached for Supplementary Immunization Activities (SIAs) since June 2012 depriving more than 160,000 children (aged < 5 years) from polio vaccination, immediate steps were taken to catch the IDPs from NW and vaccinate them, converting the crisis into an opportunity.

The existing permanent transit vaccination Strategy was augmented in view of the large exodus. Additional 15 Permanent Transit Posts were established in South KP (total 96) and three in FR Bannu (total six posts and 24 teams) to vaccinate the IDPs. Reportedly, a total of 420,868 individuals (all age groups) have been vaccinated in southern Khyber Pakhtunkhwa and FATA since 21st May through 19th July 2014. Among these 278,036 were vaccinated at key PTPs in FR Bannu, Bannu, Hangu and Kurram Agency by and large the IDPs from North Waziristan.

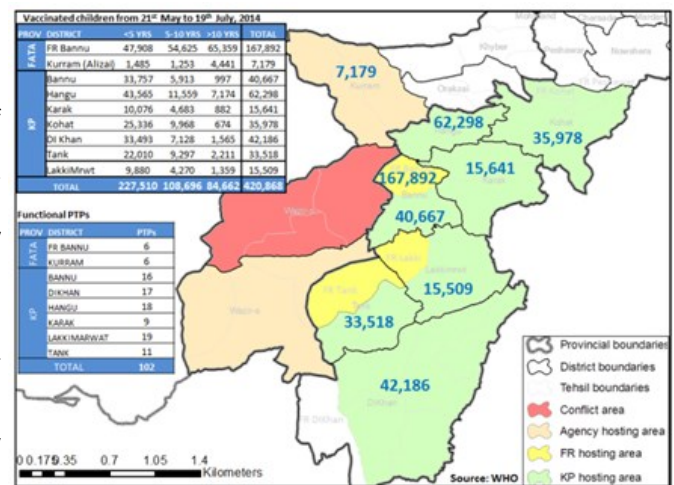
Additional Rounds of Supplementary Immunization Activities (SIAs) were conducted targeting the regions/union councils/areas with high numbers of IDPs. In Khyber Pakhtunkhwa three rounds of polio SIAs have been conducted so far after the initiation of significant IDPs influx; administering over one and half million OPV doses to the children aged less than 5 years (552,817 in the first round; 518,555 in second and 507,214 in the third round) among the IDPs and host communities, in six districts (Bannu, D.I.Khan, Lakki Marwat, Tank, Hangu, Karak) accommodating the highest numbers of IDPs. Likewise in FATA, a special round of SIAs was conducted in FR Bannu and Kurram Agency vaccinating about 112,769 (42,602 in FR Bannu and 70,167 in Kurram Agency) children aged less than 5 years (reports from Kurram agency still being finalized); few areas of FR Bannu not reached for over a year due to insecurity, are still to be reached. Following some IDPs shift to Karachi, areas / populations hosting significant numbers of displaced populations also conducted a round of polio SIAs on 5-8 July; reportedly 154,000 children aged less than five years were vaccinated among IDPs and host communities.

Enhanced Routine Immunization (RI) outreach activities are scheduled during the last week of July in the six above mentioned districts of KP targeting children aged up to 10 years in the union councils (sub-districts) accommodating high numbers of IDPs. Trivalent OPV will be given in addition to other RI antigens.

In regards to Acute Flaccid Paralysis (AFP) surveillance, reportedly 125 personnel (26 Union Council Medical Officers, 65 SIAs Area In-charges and 34 WHO supported Tehsil Support Persons) have been trained in Bannu district of Khyber Pakhtunkhwa. Moreover a special drive is being run through WHO districts level staffs and additional 38 WHO supported Tehsil Support Persons, targeting areas having high numbers of IDP with identification and orientation of informal health care providers and active search of AFP cases. In addition to two new AFP cases reported last week in Bannu district, eight previously confirmed polio cases from North Waziristan have been detected in their displaced locations in Bannu and rehabilitation support has been initiated by the WHO supported polio rehabilitation personnel.



NW Population Displacement Routes (Source: OCHA Pakistan)



Individuals vaccinated at transit posts from 21st May to 19th July

Table: Additional Emergency SIAs in Khyber Pakhtunkhwa & FATA

Districts		Target Population (< 5yrs.) for Emergency / Special SIAs			Planned Weekly Activities (Jun – Jul 2014) & Children Vaccinated		
		Districts (Host)	Estimated IDPs	Total	Wk. of 24 th Jun N (%)	Wk. of 5 th Jul N (%)	Wk. of 12 th Jul N (%)
KPK	Bannu (Entire)	152,073	57,394	209,467	145,864 (70)	144,892 (69)	144,183 (69)
	Tank	76,037	7,728	83,765	74,500 (89)	47,715 (84)	45,343 (80)
	D.I.Khan (partial)	162,524	9,265	171,789	171,789 (87)	143,495 (84)	138,419 (81)
	Lakki Marwat (partial)	82,343	12,000	94,343	16,076 (81)	80,581 (85)	76,404 (81)
	Karak (partial)	56,640	6,003	62,643	55,898 (89)	54,653 (87)	55,560 (89)
	Hangu (partial)	51,846	19,437	71,283	51,798 (73)	47,219 (66)	47,305 (66)
FATA	FR Bannu (Entire)	44,009	5,000	49,009	Not done due to insecurity		42,602 (87)
	Kurram (partial)	87,966	500	88,566	Not planned		70,167 (79)