

Highlights

Epidemiological week no. 5 (29 January to 4 February, 2012)

- In week 5, 2012, total 77 districts including 2 agencies provided surveillance data to the DEWS on weekly basis from around 1,548 health facilities. Data from mobile teams is reported through sponsoring BHU or RHC.
- A total of 435,727 consultations were reported through DEWS of which 26% were acute respiratory infections (ARI); 5% were Skin disease; 5% were acute diarrhoea; and 4% were suspected malaria.
- A total of 138 alerts with 5 outbreaks were reported: Altogether 51 alerts for Measles; 15 for Leishmaniasis; 15 for Neonatal tetanus and tetanus; 13 for Pertussis; 9 for ARI; 8 for Typhoid; 7 each for AWD and AJS; 6 for Acute diarrhoea; 3 for Bloody diarrhoea; 2 for Scabies; while 1 each for CCHF and DF.
- In week 5, 2012, no new polio cases from any area reported. As of 6th February, the total number of polio cases in 2012 is 7; from 6 districts/towns/tribal agencies and areas.

Priority diseases under surveillance in DEWS

- Acute (Upper) Respiratory Infection
- Pneumonia
- Suspected Diphtheria
- Suspected Pertussis
- Acute Watery Diarrhoea
- Bloody diarrhoea
- Other Acute Diarrhoea
- Suspected Enteric/Typhoid Fever
- Suspected Malaria
- Suspected Meningitis
- Suspected Dengue fever
- Suspected Viral Hemorrhagic Fever
- Pyrexia of Unknown Origin
- Suspected Measles
- Suspected Acute Viral Hepatitis
- Chronic Viral Hepatitis
- Neonatal Tetanus
- Acute Flaccid Paralysis
- Scabies
- Cutaneous Leishmaniasis
- Others

Figure-1: Weekly trend of Acute diarrhoea, Bloody diarrhoea, ARI and Suspected malaria in Pakistan, Week-50, 2011 to week-5, 2012.

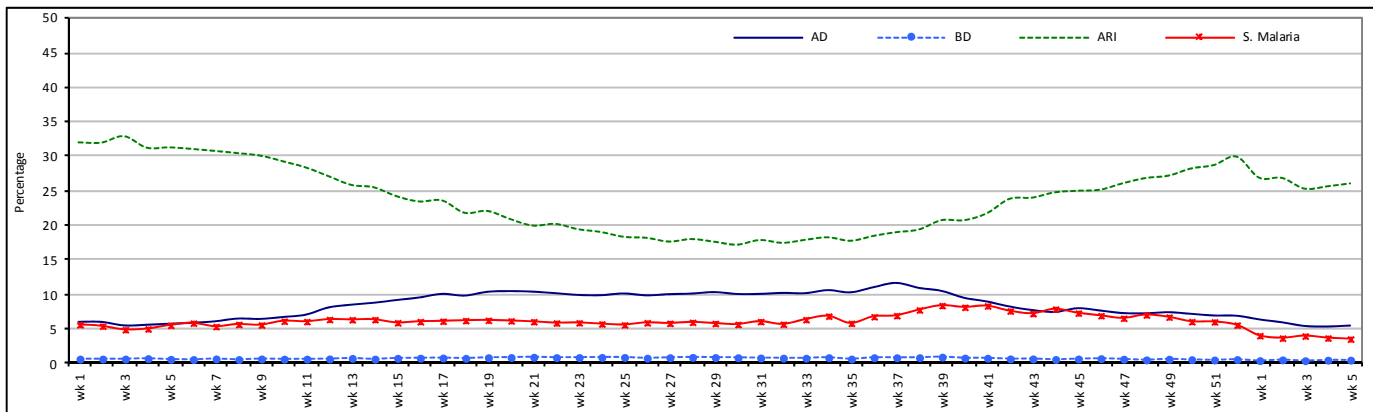


Table 1: Most common communicable diseases syndromes reported weekly

Disease	Wk-50	Wk-51	Wk-52	Wk-1	Wk-2	Wk-3	Wk-4	Wk-5
Acute respiratory infection	241,869 (28%)	240,042 (29%)	215,219 (30%)	92,846 (27%)	110,049 (27%)	129,172 (25%)	137,135 (26%)	113,494 (26%)
Skin diseases	69,079 (8%)	68,422 (8%)	55,185 (8%)	19,973 (6%)	19,746 (5%)	24,702 (5%)	25,627 (5%)	21,802 (5%)
Acute diarrhoea	61,478 (7%)	57,942 (7%)	49,544 (7%)	21,971 (6%)	24,322 (6%)	27,530 (5%)	28,438 (5%)	23,729 (5%)
Bloody diarrhoea	4,856 (0.57%)	4,332 (0.52%)	4,257 (0.59%)	1,502 (0.44%)	2,225 (0.54%)	2,130 (0.42%)	2,656 (0.50%)	2,183 (0.51%)
Suspected malaria	52,040 (6%)	50,480 (6%)	39,991 (6%)	13,970 (4%)	15,113 (4%)	20,375 (4%)	19,817 (4%)	15,472 (4%)
Total consultation	856,582	835,260	717,926	345,403	409,930	510,999	535,180	435,727

- The above graph shows the weekly trend of ARI; Acute diarrhoea; Bloody diarrhoea and Suspected malaria as proportional morbidity (percentage of cases out of total consultations) reported to DEWS on weekly basis.
- The above table provides the total consultations for each of the last 8 weeks proportional morbidity of five disease syndrome. Proportional morbidity of ARI is highest in KP while acute diarrhoea is highest in Sindh and Balochistan (please see the graphs for every province in page 4 and 5).

Current week's (4/2012) Outbreaks:

Date	Disease	Province	District	Area	<5M	>5M	<5F	>5F	Action Taken
23-Jan	Leishmaniasis	Balochistan	Lasbela	Winder Sonmiani	0	5	0	1	Alert for Leishmaniasis, 5 suspected cases were reported. During active surveillance 1 more patient was found and investigated in HUB hospital land treatment was given to all patients. Health education was provided to community.
26-Jan	Leishmaniasis	Balochistan	Quetta	BHU Old Marriabad	0	3	0	3	Alert for Leishmaniasis, 6 suspected cases were investigated. According to In charge of the facility there are lot of cases in community. A detailed meeting was conducted with DSM PPHI and In charge BHU regarding establishing a Leishmaniasis center to treat the cases.
24-Jan	Pertussis	Balochistan	Lasbela	PAF Road winder	4	0	2	0	Alert for probable Pertussis, 6 cases were reported and investigated. All the patients were unvaccinated. All patients and contact person were advised to take antibiotic. Information was shared with DHO and requested to use outreach team for immunization. Health education was given to parents.
26-Jan	Leishmaniasis	FATA	Bajaur Agency	Village shah danad, Ghundai, Koohi, Tehsil Salarzai	0	3	0	6	Alert for Leishmaniasis, 9 suspected cases were reported. Detailed history and pictures taken, line list of the patients maintained and medicines provided to in charge of CHC Talay for treatment of infected patients. Health and hygiene session taken with the patients and their family members.
27-Jan	Pertussis	Gilgit-Baltistan	Diamir	DHQ Hospital Chilas	0	3	1	1	Alert for 1 case of probable Pertussis reported from DHQ hospital Chilas. On field investigation 4 more cases were found. Vaccination status assessed and found all children unimmunized. Health education given about patient care and importance of vaccination. EDO health informed about the cases and he directed his staff to distribute Erythromycin among cases and contacts and also deployed vaccination team to vaccinate unimmunized children under five years of age. Nasopharyngeal swab sent to NIH for confirmation, results awaited.
24-Jan	Leishmaniasis	Khyber Pakhtunkhwa	Haripur	Afghan Refugee camp Dheenda	1	2	0	3	Alert for suspected Leishmaniasis, 2 cases were reported from BHU STC and 6 from Afghan refugee camp Dheenda. On active case finding 4 more cases were found. 5 cases had travel history to Afghanistan and 1 case developed Leishmaniasis in the host community. All the cases were being managed by Save the children. DoH and malaria control program were informed and requested for residual spray. Health education was given on the prevention of Leishmaniasis to the affected population.
27-Jan	Pertussis	Sindh	Dadu	Village Lal Buksh Shahani, UC Monder Taluka Dadu	1	5	1	2	Alert for 9 probable Pertussis cases in the village Lal Buksh, district Dadu. Vaccination status was not good in the area, health education imparted, Erythromycin provided, EDO-H, THO and FP-EPI informed.
26-Jan	Pertussis	Sindh	Tharparkar	Village Nakrayo, UC Mithrio charan, Taluka Chachro	2	6	8	2	Alert for 18 probable cases of Pertussis reported from a hospital in district Tharparkar. Health education imparted. Routine immunization status is poor in the area. Syrup and tablets Erythromycin were given, EDOH, MS THQ Hospital informed. 5 Throat sample were taken and sent to NIH for testing.
23-Jan	Typhoid	Sindh	S. Benazirabad	Near Imam Bargah, UC & Taluka Daur	1	2	0	5	Alert for Typhoid, 8 suspected cases found and investigated in the same family. Contaminated water supply was the suspected source and 2 water sample taken. EDOH informed and Aqua tabs given, health education imparted regarding drinking water and health.

Current week's (5/2012) Outbreaks:

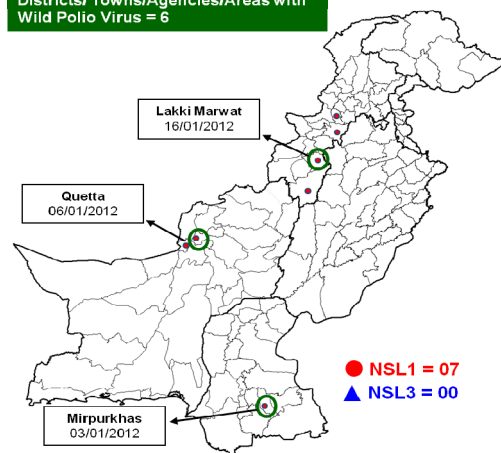
Date	Disease	Province	District	Area	<5M	>5M	<5F	>5F	Action Taken
31-Jan	Leishmaniasis	AJK	Bagh	Village Numb Sohawa UC Chiralal Tehsil Dhirkot	0	2	0	4	Alert for cutaneous Leishmaniasis, 1 case reported from BHU Sohawa Sarif Bagh. Upon field investigation 5 more cases were found in the surrounding. HCP at the center was asked to report any other case of cutaneous Leishmaniasis visiting to his HF. Injection Glucantime was advised to the patient. DOH as well as CDC department were informed and requested for residual spray. Health education session was conducted with the community for their personal protection from sand fly as well as screening of doors and windows.
3-Feb	Leishmaniasis	Balochistan	Lasbela	Town Bela	0	3	2	1	Alert for Cutaneous Leishmaniasis, 6 cases were reported and responded. Injection Glucantime was advised. Follow up planned.
3-Feb	Pertussis	Balochistan	Kalat	Ali Dash UC Iskalkoo Tehsil Kalat	2	2	2	2	Alert for 2 cases of probable Pertussis were reported through Polio team. During field investigation; 6 more cases with typical sign & symptoms were detected. Patients and contacts were provided erythromycin treatment and health education. DHO & EPI team was informed and requested for immunization and it was decided to conduct intensive outreach activity after polio campaign.
3-Feb	Pertussis	Sindh	Khairpur	Village Sobhdar Lashari, taluka Gambat	5	2	7	3	Suspected Pertussis outbreak reported, upon field investigation 17 cases found, erythromycin provided to cases and contacts, health & hygiene session conducted, special outreach activity for routine immunization will be conducted as soon as possible.
3-Feb	Pertussis	Sindh	Qambar Shahdadkot	Village Allah Dino Chandro, UC Kot Ghulam Shah	12	3	7	2	Alert for probable Pertussis, upon field investigation found 24 cases of suspected Pertussis, Erythromycin provided to all cases as per protocol of WHO, cases line listed and information shared with DHMT for immunization follow up.

Distribution of Wild Polio Virus cases Pakistan 2011 and 2012

As of 6 February, 2012, the total number of polio cases confirmed by the laboratory is 7 (type-1) from 6 districts/towns/tribal agencies and areas.

Province	Cases 2011		Cases 2012	
	P1	P3	P1	P3
Punjab	9	-	-	-
Sindh	33	-	1	-
Khyber Pakhtunkhwa	23	-	4	-
FATA	57	2	-	-
Balochistan	73	-	2	-
AJ&K	-	-	-	-
Gilgit-Baltistan	1	-	-	-
Islamabad	-	-	-	-
Total	196	2	7	-

Districts/ Towns/Agencies/Areas with Wild Polio Virus = 6



Special Bulletin: DEWS, Pakistan, Week no. 5 (29 January to 4 February, 2012)

Current week's Alerts: Province Khyber Pakhtunkhwa

Date	Disease	District	Area	<5M	>5M	<5F	>5F
30-Jan	CCHF	Abbottabad	Dewalmanal	0	1	0	0
30-Jan	NNT	D. I. Khan	Village Roda, UC Malanna, Tehsil Paroa	1	0	0	0
30-Jan	Measles	Haripur	Village Kallis, UC Dheenda	0	0	1	0
31-Jan	Measles	Lower Dir	Village Matak, UC Khazana	3	1	1	0
31-Jan	Measles	Nowshera	Village Bar Kalay Ahmed Gul Koroona	0	1	0	0
31-Jan	Measles	Nowshera	Village Khaishki Bala	1	0	0	0
31-Jan	Measles	Nowshera	Village Khaishki Bala	0	0	1	0
1-Feb	Measles	Kohat	Village Jungle Khel	0	0	0	1
1-Feb	Measles	Lower Dir	Village Janpasa, UC Miskanay	1	1	1	0
1-Feb	Measles	Peshawar	Street no 2 Shami Road	0	0	1	0
2-Feb	Measles	Buner	najdara malak pur tehsil dagar buner	0	1	0	1
2-Feb	Measles	Charsadda	Mohalla Naik Kanday Prang	1	0	0	0
2-Feb	Measles	Haripur	Village Bandi Sher Khan	2	0	0	0
2-Feb	Measles	Nowshera	Shamilaat Laar, Tordher, UC Gandheri	0	0	1	0
2-Feb	Measles	Shangla	Village Alagram, UC Puran	1	4	1	3
2-Feb	Measles	Swat	Mohalla Malik Hafiz Qabal	0	0	1	0
2-Feb	Measles	Swat	Village & UC Devlai, Tehsil Kabal	0	0	1	0
2-Feb	Measles	Swat	Village Chedari Tootano Bandai	1	0	0	0
2-Feb	Measles	Swat	Village Tahir Abad Mingora	0	0	1	0
2-Feb	Measles	Swat	Village Zore Barthana	1	0	0	0
3-Feb	Leishmaniasis	Bajaur Agency	Lower Dir (Village Pashat, Chilargam)	0	1	0	0
3-Feb	Measles	D. I. Khan	Bakhtawar Abad, Kotli Imam	1	0	0	0
3-Feb	Measles	D. I. Khan	Din Pur Chungi, Din Pur	1	0	0	0
3-Feb	Measles	D. I. Khan	Lunda Shareef, Paroa	0	0	1	0
3-Feb	Measles	D. I. Khan	Nasir Bagh, Arra Road	1	0	0	0
3-Feb	Measles	D. I. Khan	Shaikh Yousaf	1	0	0	0
3-Feb	Measles	Lower Dir	Village Barora, UC Badwan	0	0	2	0
3-Feb	Measles	Shangla	Village Derai Pitao, UC pirabad	0	0	1	0
3-Feb	Measles	Swat	Village & UC Barikot	0	1	0	0
3-Feb	Measles	Swat	Village Algrama Miaganocham	0	0	1	0
3-Feb	Measles	Swat	Village Nengolai Ghundai	0	1	0	0
3-Feb	Measles	Swat	Village Shikho aligrama kalakaley raod	0	0	1	0

Current week's Alerts: Province Sindh

Date	Disease	District	Area	<5M	>5M	<5F	>5F
30-Jan	AWD	Mirpur Khas	Bheel colony, ward # 7, UC Mirwah	0	0	0	1
30-Jan	AWD	Mirpur Khas	Chaudhry Muhammad Buksh colony	0	1	0	0
30-Jan	Measles	Benazirabad	Village Abdul Malik, UC 68-Mori	0	0	1	0
30-Jan	Measles	Thatta	132 Mori UC Sukpur taluka Mirpur Sakiro	1	0	1	0
30-Jan	NNT	Thatta	Village Adam Ali Mirbahar, UC Haji	1	0	0	0
31-Jan	Pertussis	Badin	Mallah Mohalla at Jamali Furda	0	0	3	0
31-Jan	NNT	Ghotki	S.K Child Center Mirpur Mathelo	1	0	0	0
31-Jan	Pertussis	Ghotki	Village Jam Mohammad Ali Lakhani	0	0	0	1
31-Jan	NNT	Shikarpur	Arain Mohallah, UC Khanpur	0	0	1	0
31-Jan	Pertussis	TM Khan	Goth Taj Muhammad Khoso	1	0	0	0
31-Jan	Measles	Thatta	Waswani Mahalla, Taluka thatta	1	0	0	0
1-Feb	NNT	Khairpur	Village Loung Fakir Bhanbhro	1	0	0	0
1-Feb	NNT	N Feroze	Kande jo Goth Near Larik Shaikh	0	0	1	0
1-Feb	Typhoid	N Feroze	Village Khair Mohammad Bhutto	1	2	1	1
1-Feb	Measles	Shahdadkot	Larkana (Village Fall Qaim Shaikh)	0	0	1	0
1-Feb	NNT	Benazirabad	Village Dilawar Daeper, UC Ghupchani	1	0	0	0
1-Feb	Pertussis	TM Khan	Deh Abdullah Kathoro, near Janan	0	0	1	0
1-Feb	AWD	Tharparkar	Hyat Jo Tar, UN Rajoro, Taluka Chahchro	0	0	2	1
1-Feb	Measles	Thatta	Shah Mubeen Mahalla Thatta city	0	1	0	0
2-Feb	AWD	Jamshoro	Ghareebabad Taluka Kotri	0	0	0	1
2-Feb	BD	Larkana	Village Rasheed Wagan, taluka Bakrani	0	2	0	2
2-Feb	Measles	Shahdadkot	Village Punah Mugheri, UC Behram	2	1	3	0
2-Feb	NNT	Shahdadkot	Village Shee Ji Wandh, taluka Mero Khan	0	0	1	0
2-Feb	NNT	Shahdadkot	Village Sirai Raban, taluka Nasirabad	1	0	0	0
2-Feb	Typhoid	Benazirabad	Village Dorai Mehar, UC Jamal Shah	1	0	2	1
2-Feb	Typhoid	Benazirabad	Village Muhammad Siddique Khaskheli	2	0	1	1
2-Feb	Typhoid	Benazirabad	Village Nangar Chandio, UC Kazi Ahmed	4	0	0	0
2-Feb	Pertussis	Sukkur	Mahehar Mohallah, Village Sharafabad	0	0	1	0
2-Feb	Measles	Thatta	Village Ghulam Hussain Keher Otha Mori	1	1	1	0
2-Feb	AWD	Umer Kot	Village Bheel paro, Chellari, UC Khejrari	0	0	0	1
3-Feb	AWD	Badin	Village Peero Khaskheli, UC Peero lashari	2	1	0	0
3-Feb	Measles	Jamshoro	Allah ho Chowk, Khusheed colony, kotri	1	0	0	0
3-Feb	Pertussis	Khairpur	Village Sobhdar Lashari, taluka Gambat	5	2	7	3
3-Feb	Pertussis	Shahdadkot	Village Allah Dino Chandio	12	3	7	2

Cont'd current week's Alerts: Province Sindh

Date	Disease	District	Area	<5M	>5M	<5F	>5F
3-Feb	Measles	Benazirabad	Village Ghulam Rasool Shah, UC 6	1	0	1	0
3-Feb	Measles	Benazirabad	Village Nazeer Punjabi, UC Bucheri	1	0	0	0
3-Feb	Pertussis	T Allah Yar	Village Fazal, UC Dhingano Bozdar	1	1	1	0

Current week's Alerts: Province Punjab

Date	Disease	District	Area	<5M	>5M	<5F	>5F
30-Jan	AD	Bhakkar	BHU Katchi Shahani, UC Katchi Shahani	1	5	4	7
31-Jan	AD	Bhakkar	THQ Kalur Kot, UC Kalur Kot Urban	13	23	15	28
4-Feb	AD	Mianwali	BHU Tibba Gamma Shah	12	19	18	3
4-Feb	AD	Mianwali	THQ Issa Kheel	31	17	45	10
2-Feb	AD	Muzaffargarh	Basti Mahrey Wala, UC Van Pitafi	16	24	92	70
1-Feb	AD	RY Khan	Ahmedpur Lama, Tehsil Sadiqabad	14	16	10	19
1-Feb	AJS	Lahore	Sandha Captain Jamal Rd. Gulshan Ravi Lhr.	0	1	0	2
2-Feb	AJS	Lahore	Ahata Qila Gujar Singh Lahore	0	1	0	2
4-Feb	AJS	Lahore	Malisa Akram Park Band Road, Sandha	1	0	0	2
1-Feb	AJS	RY Khan	Jamal Din Wali, Tehsil Sadiqabad	0	0	3	1
1-Feb	ARI	Bhakkar	BHU Maibal Sharif, UC Maibal Sharif	8	11	13	7
2-Feb	ARI	Bhakkar	RHC Jandan Wala, UC Jandan Wala Urban	32	35	36	51
2-Feb	ARI	Mianwali	BHU Chak 5-6ml, Piplan	45	29	63	25
2-Feb	ARI	Mianwali	THQ Piplan	27	9	38	15
3-Feb	ARI	Mianwali	BHU Pai Khel	51	33	73	65
4-Feb	ARI	Mianwali	THQ Issa Kheel	42	26	54	15
30-Jan	ARI	Muzaffargarh	Adda Faqir Shah, UC Ghulwan, Tehsil Alipur	8	10	45	39
2-Feb	ARI	Muzaffargarh	Basti Yaroo Wala, UC Baseera	11	4	53	24
31-Jan	ARI	RY Khan	Allahabad Tesil Liaquatpur	8	9	4	8
30-Jan	AWD	Muzaffargarh	Basti Urla & Basti Kabirwala	0	0	0	1
30-Jan	BD	RY Khan	Pacca Laran, Tehsil Liaquatpur	2	4	1	5
1-Feb	BD	Rajanpur	RHC Muhammadpur, UC Muhammadpur	1	2	0	1
2-Feb	DHF	Rajanpur	Mohalla Muhaajeraan, Allah Abad Colony	0	1	0	0
30-Jan	Leishmaniasis	D. G. Khan	Chah Naurang wala uc Samina	0	1	0	0
31-Jan	Leishmaniasis	D. G. Khan	Jhakar Imam Shah Road uc Jhok utra	0	1	0	0
3-Feb	Measles	Bhakkar	Darya Khan city near Boys High School	0	0	1	0
2-Feb	Measles	D. G. Khan	near mosque phattooili wali Basti Sokar	1	1	0	2
3-Feb	Measles	Multan	Zafar colony chowk Rasheedabad	6	1	0	1
31-Jan	Measles	Muzaffargarh	Mohallah Sheikhhan, UC Qasba Gujrat	0	0	1	0
30-Jan	Measles	Rajanpur	Alipur Bazar, UC Jampur Urban	0	0	1	0
30-Jan	Measles	Rajanpur	Basti Ahmadani, UC Kot Tahir, Tehsil Jampur	0	0	1	0
2-Feb	NNT	Multan	Ayeazabad maral	1	0	0	0
29-Jan	Pertussis	D. G. Khan	Damra Janoobi Damra	1	0	0	0
31-Jan	Pertussis	Rajanpur	Basti Bala Chani Mazari, Moza Dalak Khan	1	0	0	0
31-Jan	Pertussis	Rajanpur	Basti Pipal Wali, Aqilpur Road	1	0	0	0
31-Jan	Scabies	Bhakkar	THQ Kalur Kot, UC Kalur Kot Urban	4	2	8	5
2-Feb	Scabies	RY Khan	Manthar Bangla	14	24	31	12
3-Feb	Tetanus	Lahore	Mughalpur	0	1	0	0
30-Jan	Typhoid	RY Khan	Khanpur City	11	18	7	12
30-Jan	Typhoid	RY Khan	Pacca Laran, Tehsil Liaquatpur	1	3	0	1
31-Jan	Typhoid	RY Khan	Trinda M Panah, Tehsil Liaquatpur	1	7	2	4

Current week's Alerts: Province Balochistan

Date	Disease	District	Area	<5M	>5M	<5F	>5F
29-Jan	Leishmaniasis	Khuzdar	Badri UC, Haji Ghafoor UC Tehsil Wadh	2	2	0	1
30-Jan	NNT	Nasirabad	DHQ-Hospital Dera Murad Jamali	1	0	0	0
31-Jan	Leishmaniasis	Nasirabad	Mahla Rais Jan Muhammad Solangi	0	2	0	2
1-Feb	AJS	Chagai	Killi Sahibzada Afghan Refugee camp	0	2	0	1
1-Feb	Leishmaniasis	Jhal Magsi	Kotra UC Khari CD Kotra	0	0	2	3
1-Feb	AJS	Jhal Magsi	Village Kumbhi UC Khari CD Kotra	0	0	1	2
1-Feb	Leishmaniasis	Kech	Kolwai bazar UC Absar	1	0	0	0
1-Feb	Leishmaniasis	Nasirabad	Owuch pawer UC Bedar	0	0	0	1
2-Feb	Leishmaniasis	Kech	Buloo UC Soro Mand	1	0	0	0
2-Feb	Measles	Lasbela	Jam colony UC pathra	0	0	1	0
3-Feb	Pertussis	Chagai	Zahoor Colony UC Sadder Dalbandin	1	1	1	0
3-Feb	Leishmaniasis	Lasbela	Town Bela	0	3	2	1
3-Feb	Measles	Kech	Kahan M Jan Mahlla Shahitump	3	0	2	1
3-Feb	Pertussis	Kalat	Ali Dash UC Iskalkoo Tehsil Kalat	2	2	2	2
3-Feb	Measles	K Saifullah	Tarkha Daulatzi	0	0	1	1
3-Feb	Leishmaniasis	Lasbela	Village Winder	0	3	0	1
3-Feb	Leishmaniasis	Sibi	DHQH Sibi	0	3	0	2
4-Feb	Typhoid	Chagai	Killi Baz Mohammad Dalbandin	0	2	0	2
4-Feb	Measles	Chagai	Killi Gharib Abad UC Town Dalbandin	1	0	0	1
4-Feb	Leishmaniasis	Kalat	Pas Sher UC Kalat Sadder	0	1	0	0
4-Feb	Measles	Lasbela	Imam Bakhish Goth UC Sakran	1	2	3	1

Table-1: Leading causes of seeking health care in districts, Wk-31, 2010 to Wk 5, 2012, compiled from weekly reports

Diseases	Number of Consultations
Acute respiratory infection	13,688,783 (23%)
Skin diseases	6,113,181 (10%)
Acute diarrhoea	5,443,252 (9%)
Bloody diarrhoea	479,234 (1%)
Suspected malaria	3,650,107 (6%)
Unexplained fever	2,253,209 (4%)
Total consultations	59,603,125

Figure-2: Number of alerts by disease, week 5, 2012

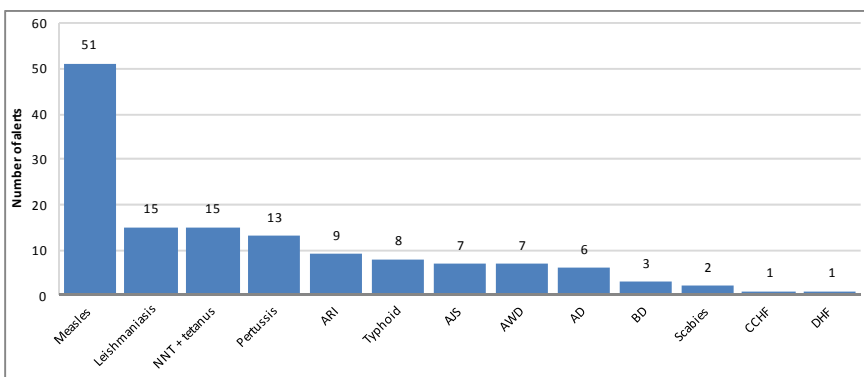


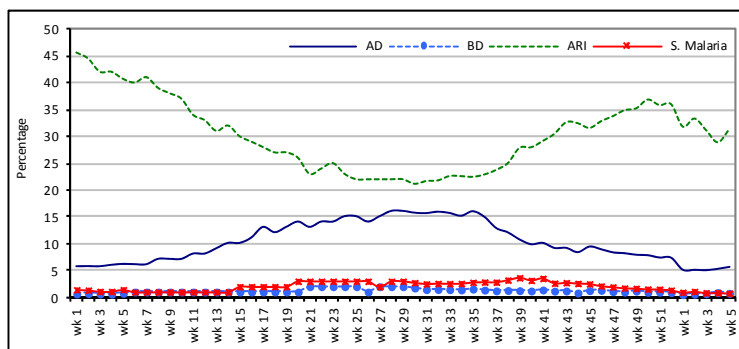
Table-2: Total number of alerts and outbreaks reported and investigated with appropriate response

Disease	2010		2011		2012 (up till week 5)		Total	
	A	O	A	O	A	O	A	O
Acute watery diarrhoea	209	85	1350	543	32	0	1591	628
Acute jaundice syndrome	5	2	51	17	19	2	75	21
Bloody diarrhoea	10	1	98	20	11	2	119	23
Dengue fever	81	32	785	111	3	1	869	144
Measles	48	6	1710	91	237	5	1995	102
Pertussis	1	0	287	81	53	13	341	94
NNT + tetanus	5	0	399	0	83	0	487	0
Malaria	12	7	131	88	5	2	148	97
Leishmaniasis	1	0	298	33	89	12	388	45
Others	75	11	643	69	83	6	801	86
Total	447	144	5752	1053	615	43	6814	1240

Province Khyber Pakhtunkhwa:

- 379 health facilities from 14 districts of Khyber Pakhtunkhwa reported to DEWS on weekly basis with a total of 79,020 patients consultations in week 5.
- 32 alerts were reported in this week; Altogether 29 for Measles; while 1 each for Neonatal tetanus, Leishmaniasis and CCHF.
- No outbreak for any disease received this week from any area from Khyber Pakhtunkhwa.

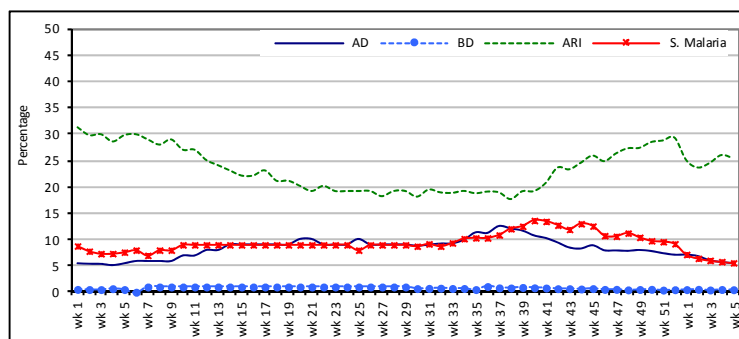
Figure-3: Trend of priority communicable diseases, province KPK



Province Sindh:

- 375 health facilities from 23 districts in Sindh reported on weekly basis to DEWS with a total of 158,079 patient consultations in this week.
- 37 alerts were reported; Altogether 10 for Measles, 8 each for Pertussis and Neonatal tetanus; 6 for AWD; 4 for Typhoid; while 1 for Bloody diarrhoea.
- 2 outbreaks for Pertussis were received and appropriate measure were taken.

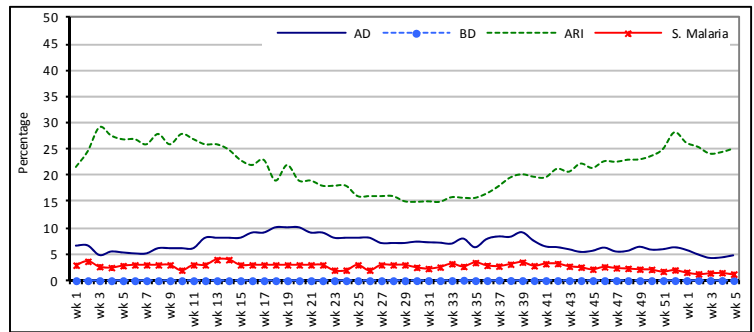
Figure-4: Trend of priority communicable diseases, province Sindh



Province Punjab:

- 333 health facilities from 8 districts reported data to DEWS in Punjab with a total of 129,455 patient consultations.
- A total of 41 alerts were reported in in this week; Altogether 9 for ARI; 6 each for Acute diarrhoea and Measles; 4 for AJS; 3 each for Pertussis and Typhoid; 2 each for Bloody diarrhoea, Leishmaniasis, NNT and Scabies; while 1 each for AWD and DF.
- No outbreaks from any area of Punjab was received.

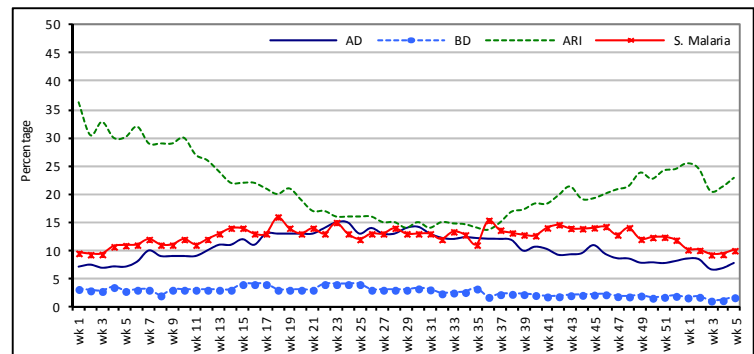
Figure-5: Trend of priority communicable diseases, province Punjab



Province Balochistan:

- 323 health facilities from 18 districts in Balochistan reported to DEWS, with a total of 42,354 patient consultations.
- 21 alerts were reported in this week from Balochistan; Altogether 10 for Leishmaniasis; 5 for Measles; 2 each for Pertussis and AJS; while 1 each for NNT and Typhoid.
- 2 outbreaks, 1 for Leishmaniasis and 1 for Pertussis were received and appropriate measures were taken.

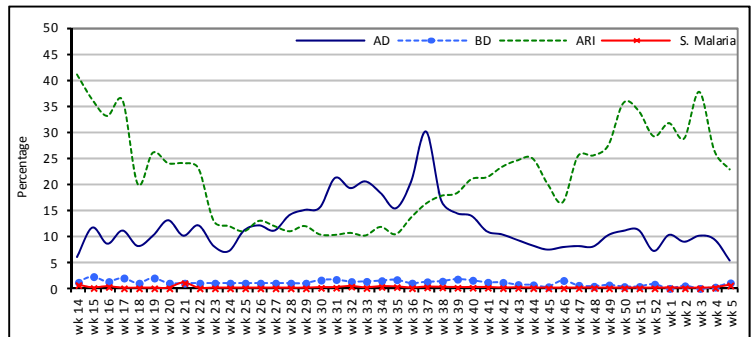
Figure-6: Trend of priority communicable diseases, province Balochistan



Province Gilgit Baltistan:

- 9 health facilities from 2 districts in Gilgit Baltistan reported to DEWS in this week; with a total of 1,618 patient consultations.
- 1 alert for Acute Jaundice Syndrome was reported this week and appropriate measure was taken.
- No outbreak for any disease received this week from any area from Gilgit Baltistan.

Figure-7: Trend of priority communicable diseases, Gilgit Baltistan

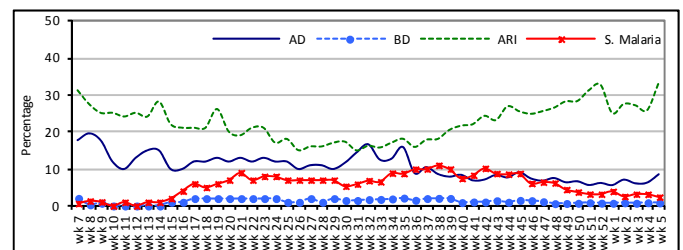
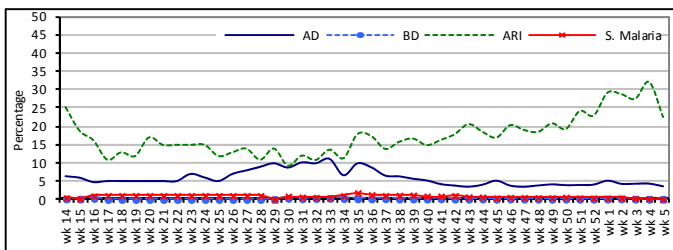


State of Azad Jammu and Kashmir:

- 98 health facilities from 9 districts reported to DEWS in this week with a total of 17,671 patient consultations.
- 2 alerts for Leishmaniasis were received and appropriate measures were taken.

FATA:

- 30 health facilities from 2 agencies reported from FATA in this week, with a total of 5,749 patient consultations.
- 4 alerts; 3 fro NNT; while 1 for Measles were reported this week and appropriate measure were taken.



Alerts and outbreaks, week 5, 2012

