

Highlights

Epidemiological week no. 4 (22 to 28 January, 2012)

- In week 4, 2012, total 77 districts including 1 agency provided surveillance data to the DEWS on weekly basis from around 1,618 health facilities. Data from mobile teams is reported through sponsoring BHU or RHC.
- A total of 530,151 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 140 alerts with 9 outbreaks were reported: Altogether 48 alerts for Measles; 21 for Leishmaniasis; 14 for Neonatal tetanus and tetanus; 14 for Pertussis; 9 for AWD; 7 each for ARI and Typhoid; 5 for Acute diarrhoea; 4 each for Bloody diarrhoea and Influenza; 2 each for Acute Jaundice syndrome, Malaria and Scabies; while 1 for unexplained fever.
- In week 4, 2012, four new type-1 polio cases from Khyber Pakhtunkhwa (districts Peshawar, Kohat, Lakki Marwat and DI Khan). As of 28th January, 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-1, 2011 to week-4, 2012.

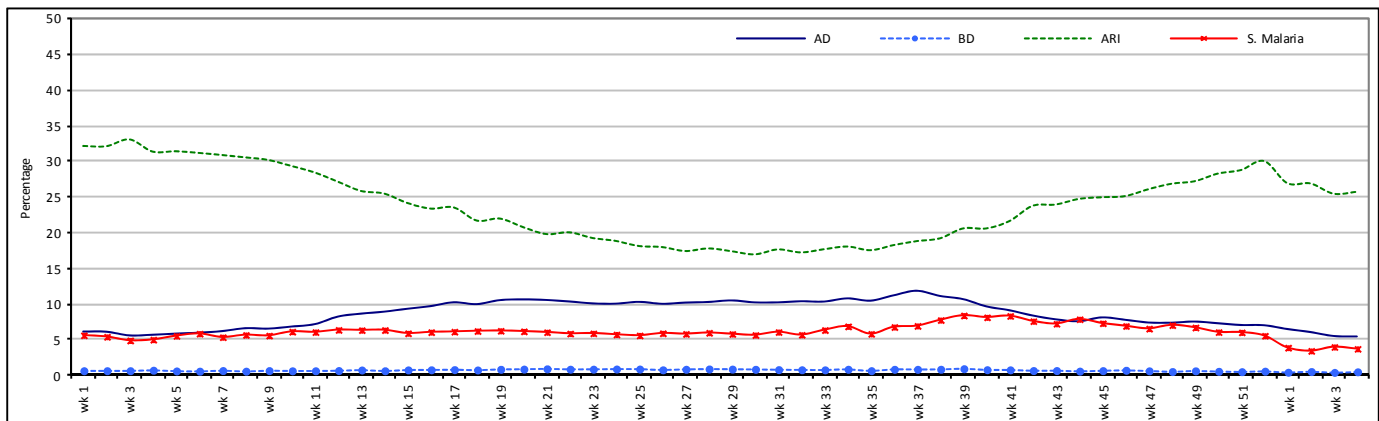


Table 1: Most common communicable diseases syndromes reported in 2011, by province

Disease	Wk-49	Wk-50	Wk-51	Wk-52	Wk-1	Wk-2	Wk-3	Wk-4
Acute respiratory infection	192,900 (27%)	241,869 (28%)	240,042 (29%)	215,219 (30%)	92,846 (27%)	110,007 (27%)	130,131 (25%)	136,349 (26%)
Skin diseases	58,406 (8%)	69,079 (8%)	68,422 (8%)	55,185 (8%)	19,973 (6%)	19,740 (5%)	24,686 (5%)	25,539 (5%)
Acute diarrhoea	52,625 (7%)	61,478 (7%)	57,942 (7%)	49,544 (7%)	21,971 (6%)	24,319 (6%)	27,524 (5%)	28,215 (5%)
Bloody diarrhoea	4,556 (0.64%)	4,856 (0.57%)	4,332 (0.52%)	4,257 (0.59%)	1,502 (0.44%)	2,225 (0.54%)	2,130 (0.42%)	2,626 (0.50%)
Suspected malaria	47,753 (7%)	52,040 (6%)	50,480 (6%)	39,991 (6%)	13,414 (4%)	14,070 (3%)	20,368 (4%)	19,774 (4%)
Total consultation	709,4184	856,582	835,260	717,926	344,889	409,213	511,052	530,151

- The above graph shows the weekly trend of ARI; Acute diarrhoea; Bloody diarrhoea and Suspected malaria as percentage of cases out of total consultations reported to DEWS on weekly basis.
- The above table provides the total consultations and proportional morbidity of five disease syndrome. Proportional morbidity of ARI is highest in KP while acute diarrhoea is highest in Sindh and Balochistan.
- Proportional morbidity of suspected malaria were very high for the year at 9% in Balochistan and 6% in Sindh (Please see provincial trends graphs).

Previous week's (3/2012) Outbreaks:

Date	Disease	Province	District	Area	<5M	>5M	<5F	>5F	Action Taken
17-Jan	Pertussis	Balochistan	Khuzdar	Jamboo UC Zeedi Tehsil Khuzdar	12	3	8	2	Alert for probable Pertussis, 5 suspected cases including 1 death investigated at DHQH. During active surveillance 20 more cases were found, provided symptomatic treatment and health education. 2 swabs were collected and sent to NIH. 51 children were vaccinated for Measles and Pentavalent by EPI team while only 1 child found with BCG Scar, indicating only 2% coverage with routine immunization.
18-Jan	Leishmaniasis	Balochistan	Jhal Magsi	Village JhalMagsi	1	2	2	1	Alert for 6 cases of Leishmaniasis were reported from Different areas of Jhal Magsi village. Each patient was investigated separately. Medicines were provided and Health education was given to community. DHO was informed about outbreak and requested for preventive measures.
18-Jan	Leishmaniasis	Punjab	Rahim Yar Khan	Nawazabad, Tehsil Sadiqabad	0	2	1	4	Alert for 7 cases of suspected cutaneous Leishmaniasis were reported from one village. The cases were from same family and had a history of travel to Balochistan for harvesting season 4 months ago. The cases were treated with topical and parental antibiotics but were not cured. 2 samples of scrapings were collected from the cases and sent to SZH laboratory. The patient were referred to Leishmaniasis treatment center at RHC Zahirpir. Patients were provided injection Glucantime at RHC. Patients were also prescribed polyfax cream to cover the lesions. The information shared with CDCO and Entomologist Health Department Rahim Yar Khan for sampling and control of vector and permethrin fogging is scheduled.
19-Jan	Leishmaniasis	Balochistan	Sibi	DHQH Sibi	1	0	1	4	Alert for 6 suspected cases of Leishmaniasis were investigated at DHQH. Cases were reported from different areas. There is no travelling of history. Injection Glucantime was provided and advised to come regularly at DHQ Hospital for treatment.
20-Jan	Diphtheria	Khyber Pakhtunkhwa	Nowshera	Village Ahmad Nagar Kheski Bala	0	0	1	0	Alert for probable Diphtheria was received from LRH Peshawar. Patient had history of fever for 10 days, throat swelling for 5 days and difficulty in swallowing for 3 days. 80,000 IU ADS were provided to the patient. Throat swab was not possible due to serious condition of patient. According to the father patient was fully immunized. Health education session given on prophylaxis of diphtheria and prevention of spread of infection. Course of erythromycin was prescribed to the contacts. Information shared with EPI.

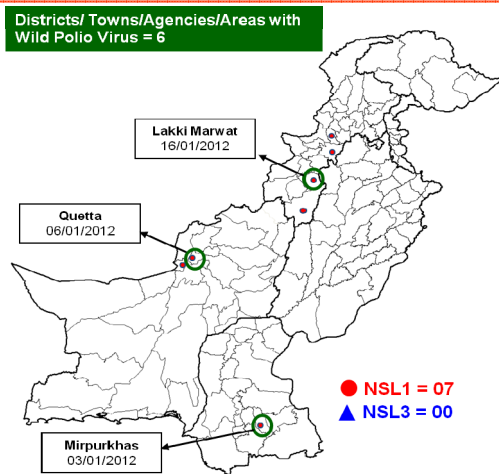
Current week's (4/2012) Outbreaks:

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.

Distribution of Wild Polio Virus cases Pakistan 2011 and 2012

As of 28 January, 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	-



Special Bulletin: DEWS, Pakistan, Week no. 4 (22 to 28 January, 2012)

Current week's Alerts: Province Khyber Pakhtunkhwa

Date	Disease	District	Area	<5M	>5M	<5F	>5F
24-Jan	H1N1	Swabi	BMC Swabi	0	0	0	1
24-Jan	H1N1	Swabi	BMC Swabi, Gabasni	0	1	0	0
24-Jan	H1N1	Swabi	BMC Swabi, Gabasni	0	1	0	0
24-Jan	H1N1	Swabi	BMC Swabi, Mankai	0	2	0	0
24-Jan	Leishmaniasis	Haripur	Afghan Refugee camp 15, Panian	0	1	0	0
24-Jan	Leishmaniasis	Haripur	Afghan Refugee camp Dheenda	1	2	0	3
23-Jan	Measles	Charsadda	Qudratabad	1	0	0	0
24-Jan	Measles	Charsadda	Ijara Amanullah	0	0	1	0
24-Jan	Measles	Charsadda	Palay Kallay	0	0	1	0
25-Jan	Measles	Charsadda	Khazana Dheri Kot Tarnao	0	0	1	0
25-Jan	Measles	Charsadda	Mohalla Amat Khel Nahaqi	1	0	0	0
28-Jan	Measles	Haripur	Khalabut Township	1	0	0	0
27-Jan	Measles	Kohat	Mustafa Bazaar, UC Urban II	0	1	0	1
23-Jan	Measles	Lower Dir	Village Tatar, UC & Tehsil Samrar Bagh.	5	2	6	0
25-Jan	Measles	Lower Dir	Village Navey Koto	2	2	4	2
26-Jan	Measles	Lower Dir	Village Charamngo, UC Mayar	2	1	2	0
28-Jan	Measles	Lower Dir	Village Rashakai, UC Mian Kalay	0	0	1	0
24-Jan	Measles	Nowshera	Kaka Sahib	1	0	0	0
24-Jan	Measles	Nowshera	Mohallah Abakhel, Khweshgi Payan	1	2	1	0
24-Jan	Measles	Nowshera	Pir Korona, Khweshgi Payan	0	0	1	0
24-Jan	Measles	Nowshera	Sheikh Ahmad Baba	3	0	0	0
24-Jan	Measles	Nowshera	Tareen Abad, Khweshgi Bala	0	0	1	0
24-Jan	Measles	Peshawar	Uch Neher Baghwanan Phandu Road	0	0	0	1
23-Jan	Measles	Swat	Village Barthana Sharif Abad	1	0	0	0
23-Jan	Measles	Swat	Village Kishawra Shinkat	1	0	0	0
24-Jan	Measles	Swat	Village Dadahara Gujjar Abad	1	0	0	0
24-Jan	Measles	Swat	Village Gul Kad No.2	0	0	1	0
24-Jan	Measles	Swat	Village Marghuzar Cham	1	0	0	0
25-Jan	Measles	Swat	Village Balogram	0	0	0	1
25-Jan	Measles	Swat	Village Imam Dherai	0	0	1	0
25-Jan	Measles	Swat	Village Rashghta near lala abad	0	0	1	0
27-Jan	NNT	Lower Dir	Village Watangy, UC Khall	1	0	0	0
23-Jan	Pertussis	Haripur	Ghazi city, Tehsil Ghazi	1	0	0	0

Current week's Alerts: Province Punjab

Date	Disease	District	Area	<5M	>5M	<5F	>5F
24-Jan	AD	Bahawalpur	Tehsil Ahmedpur Sharquia, RHC Trinda	3	1	1	2
25-Jan	AD	Mianwali	BHU Ganda, UC Kot chandna, Issa Kheel	7	11	7	10
25-Jan	AD	Mianwali	BHU Tolla Bangi Kheel, Issa Kheel	6	16	4	11
24-Jan	AD	Muzaffargarh	Basti Sindhila, UC Shah Jamal	18	14	74	57
24-Jan	AD	Muzaffargarh	Tehsil Alipur, RHC Trinda Mohd Panah	0	3	0	3
25-Jan	AJS	Lahore	Merran Dee Khoi	0	1	0	2
23-Jan	ARI	Bhakkar	BHU Sial, UC Sial, Tehsil Bhakkar.	20	0	15	0
24-Jan	ARI	Bhakkar	BHU Basti Mai Roshan	3	14	4	7
25-Jan	ARI	Bhakkar	BHU Sarai Muhajir	14	41	18	21
28-Jan	ARI	Bhakkar	BHU Litten, UC Litten, Tehsil Mankera.	19	25	18	23
25-Jan	ARI	Mianwali	BHU Ganda, UC Kot chandna, Issa Kheel	18	19	33	20
26-Jan	ARI	Mianwali	BHU Rokhri	33	24	42	22
25-Jan	ARI	Muzaffargarh	Basti & Moza Langryal, UC Aludey Wali	28	17	84	64
25-Jan	BD	Layyah	ChakNo.102 TDA,	0	4	0	5
24-Jan	Leishmaniasis	D. G. Khan	Aslam abad uc Bakhar wah	0	1	0	0
23-Jan	Leishmaniasis	RY Khan	Jinnah Town, Aminabad, Tehsil Liaquatpur	0	1	0	0
26-Jan	Leishmaniasis	RY Khan	Basti Mohammadpur Drigi	0	0	0	2
24-Jan	Malaria	Muzaffargarh	Basti Khokhar, UC Khangarh	14	18	60	75
26-Jan	Malaria	Muzaffargarh	Mohallah Gharibabad, UC Baseera	10	8	27	23
23-Jan	Measles	Muzaffargarh	Taleri Bypass, UC City-2	0	1	0	0
24-Jan	Measles	RY Khan	Bhait Bhattar, UC Gul Mohd Langah	1	0	0	0
23-Jan	NNT	Multan	Nishtar Hospital Multan	0	0	1	0
26-Jan	Pertussis	D. G. Khan	Sardar Kalat uc Barthi	0	0	1	0
28-Jan	Pertussis	Rajanpur	Basti Lokhani Pir	1	0	0	1
24-Jan	Scabies	Bhakkar	BHU Chunni Shumali	3	4	2	4
27-Jan	Scabies	Bhakkar	BHU Jahan Wala	3	5	4	3
24-Jan	Tetanus	Lahore	Shadee park lahore	0	1	0	0
27-Jan	Tetanus	Lahore	Shadbagh	0	0	1	0
24-Jan	Typhoid	Rajanpur	DHQ Rajanpur, UC Rajanpur Gharbi	0	3	0	1
24-Jan	Typhoid	Rajanpur	THQ Rojhan	0	5	0	4
25-Jan	Typhoid	Rajanpur	RHC Muhammad Pur	0	9	0	4
25-Jan	Typhoid	Rajanpur	THQ Jampur	0	5	0	6
26-Jan	Typhoid	Rajanpur	RHC Harrand	0	6	0	3
24-Jan	UXF	Mianwali	RHC Wan Bucharan	1	7	2	8

Current week's Alerts: Province Sindh

Date	Disease	District	Area	<5M	>5M	<5F	>5F
27-Jan	AJS	Larkana	Village Sher Mohammad Brohi	0	4	1	0
27-Jan	AWD	Jamshoro	Sachal Sarmat, Behar Colony	0	1	0	2
27-Jan	AWD	Jamshoro	Sherazi para, UC and Taluka Kotri	0	1	0	1
25-Jan	AWD	Mirpur Khas	Village Mataro Khaskheli	2	0	1	0
23-Jan	AWD	TA Yar	Barkat Colony	0	1	0	0
26-Jan	AWD	TA Yar	Abbas colony city Tando Allahyar	1	0	0	1
26-Jan	AWD	TA Yar	Pirji Colony City Tando Allahyar	2	0	0	1
27-Jan	AWD	TA Yar	Station muhalla City Tando Allahyar	0	0	0	2
24-Jan	AWD	TM Khan	Hajana Pro, Mushtera Colony	0	0	0	1
24-Jan	AWD	Tharparkar	Jat Paro, Village Dtar Dino	1	0	0	0
24-Jan	BD	Khairpur	Village Qaisar Khan Jagirani	2	0	1	0
25-Jan	BD	Qambar	Village Hamzo Bhatti	0	1	0	2
26-Jan	BD	TA Yar	Pathan Colony City Tando Allahyar	1	0	1	1
28-Jan	Leishmaniasis	Shikarpur	Village Abad PO Mirza pur	0	0	0	1
23-Jan	Measles	Hyderabad	Detha Station, Village Rahimabad	0	2	0	0
23-Jan	Measles	Hyderabad	Mir Nabi Town, Paretabad	0	2	0	0
24-Jan	Measles	Hyderabad	Allahwala Chowk, Heerabad	1	0	0	0
24-Jan	Measles	Hyderabad	Sidra Masjid, near Rizwan clinic Latifabad	0	1	0	0
26-Jan	Measles	Hyderabad	Bachal Shah Chahri, Choti Ghitti	1	0	1	0
24-Jan	Measles	Karachi	Ward at NICH Saddar tawn Karachi	1	0	0	0
26-Jan	Measles	Karachi	Hassan Lashari Village	1	0	0	0
25-Jan	Measles	Mirpur Khas	Village Muhammad Hashim Kapri	0	0	1	1
25-Jan	Measles	Qambar	Village Shaikh jo Goth, Kambur	0	0	1	0
27-Jan	Measles	Qambar	Village Saboo Burio, UC Gabidero	2	2	3	1
25-Jan	Measles	TM Khan	Goth Muhammad Khan Sheikh	1	0	0	0
25-Jan	Measles	Thatta	Village Allah Dino Mallah	1	0	2	3
26-Jan	Measles	Thatta	Shah Latif Colony UC Makli district thatta	0	0	1	0
24-Jan	NNT	Kashmore	Village Bakhsapur	1	0	0	0
24-Jan	NNT	Kashmore	Village Rasal Daar, Kandhkot City	1	0	0	0
28-Jan	NNT	Khairpur	Village Bux Ali Aradin, taluka Nara	0	0	1	0
28-Jan	NNT	Khairpur	Village Rahib Shaikh, taluka Nara	1	0	0	0
28-Jan	NNT	Qambar	Village Jani Band, taluka Nasirabad	0	0	1	0
22-Jan	NNT	Shikarpur	Village Molana Saleh Near Band of Chak	0	0	1	0
23-Jan	NNT	Sukkur	Bhosa Line Gol Takri, Sukkur	0	0	1	0
23-Jan	NNT	Sukkur	Village Sitamdar, Near Mandodero	1	0	0	0
26-Jan	Pertussis	Dadu	Village Allah Buksh Jamali, UC Phulji	0	1	1	1
27-Jan	Pertussis	Dadu	Village Lal Buksh Shahani	1	5	1	2
24-Jan	Pertussis	Hyderabad	Ayub Colony near Khizra Masjid Latifabad	0	0	1	0
26-Jan	Pertussis	Hyderabad	Latifabad #06, near Qamar Zman shah	1	0	0	0
26-Jan	Pertussis	Hyderabad	Malka Nagar Hala Naka, Taluka Hyderabad	1	0	0	0
23-Jan	Pertussis	Matiari	Saidan Jo Paro, Taluka Matiari	0	0	0	1
25-Jan	Pertussis	Sanghar	Village Chutal Sahto	0	3	1	0
26-Jan	Pertussis	Tharparkar	Village Nakrayo	2	6	8	2
23-Jan	Tetanus	Badin	Village Kazi jo, vottage	0	0	0	1
23-Jan	Typhoid	Benazirabad	Near Imam Bargah	1	2	0	5
24-Jan	Typhoid	Benazirabad	Salim Ji Khoi, UC & Taluka Daulatpur	0	1	0	2

Current week's Alerts: Province Balochistan

Date	Disease	District	Area	<5M	>5M	<5F	>5F
27-Jan	Leishmaniasis	Jaffarabad	Goth Ghareebabad, Tehsil Usta Mohammad	1	0	0	0
26-Jan	Leishmaniasis	Jhal Magsi	Konara UC Patri CD Konara	0	0	3	0
25-Jan	Leishmaniasis	Kech	Shahitump UC Gkdan	0	1	0	0
26-Jan	Leishmaniasis	Kech	DHQ Hospital Coloney Turbat	1	0	0	0
27-Jan	Leishmaniasis	Kech	Pathan e khoor UC Gokdan Turbat	0	1	0	0
27-Jan	Leishmaniasis	Kech	Soro Mand	0	1	0	0
28-Jan	Leishmaniasis	Kech	Sangae UC Kunchati Dasht	0	0	0	1
23-Jan	Leishmaniasis	Khuzdar	UC Lizo Khuzdar, UC Feroz Abad	0	2	0	1
25-Jan	Leishmaniasis	K.Saifullah	Urgas	1	2	0	1
23-Jan	Leishmaniasis	Lasbela	Winder Sonmiani	0	5	0	1
23-Jan	Leishmaniasis	Nasirabad	Mengal Kot UC Jhudair South Tehsil DMJ	1	0	0	0
25-Jan	Leishmaniasis	Panjgur	UC Chitkan	0	1	0	0
26-Jan	Leishmaniasis	Quetta	BHU Old Marriabad	0	3	0	3
27-Jan	Measles	Chagai	Killi Zahoor Colony UC Sadder Dalbandin	0	1	0	0
23-Jan	Measles	Khuzdar	BUET UC Zereena Kattan Tehsil Khuzdar	1	0	0	0
25-Jan	Measles	Lasbela	Akram Colony, Daroo hotel UC Baroot	1	1	1	0
26-Jan	Measles	Lasbela	Luk Rohail UC Lohi Tehsil Dureji	0	0	0	2
27-Jan	Measles	Lasbela	Mola bakhish village Sakran	0	1	0	0
28-Jan	Measles	Lasbela	Jam Yousuf Abad UC W-South	3	1	4	1
26-Jan	Pertussis	Kharan	Killi Shawani UC joda e Kalat	0	2	1	0
24-Jan	Pertussis	Lasbela	PAF Road winder	4	0	2	0
24-Jan	Tetanus	Bolan	Village Kahai	0	0	1	0

Table-1: Leading causes of seeking health care in districts, Wk-31, 2010 to Wk 4, 2012, compiled from weekly reports

Diseases	Number of Consultations
Acute respiratory infection	13,575,420 (23%)
Skin diseases	6,091,269 (10%)
Acute diarrhoea	5,419,291 (9%)
Bloody diarrhoea	477,021 (1%)
Suspected malaria	3,632,986 (6%)
Unexplained fever	2,238,542 (6%)
Total consultations	59,161,191

Figure-2: Number of alerts by disease, week 4, 2012

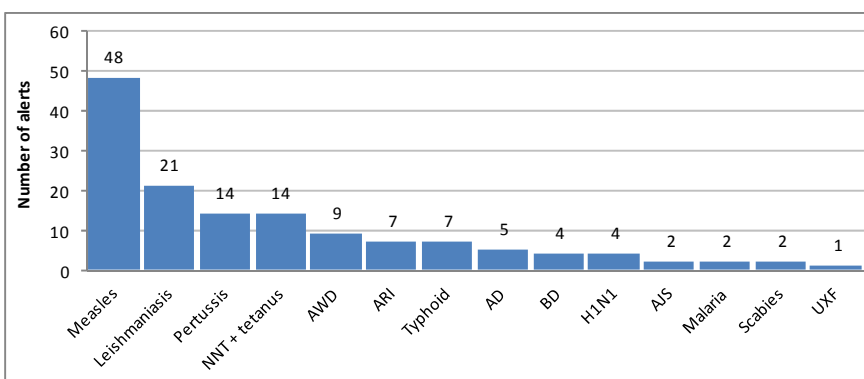


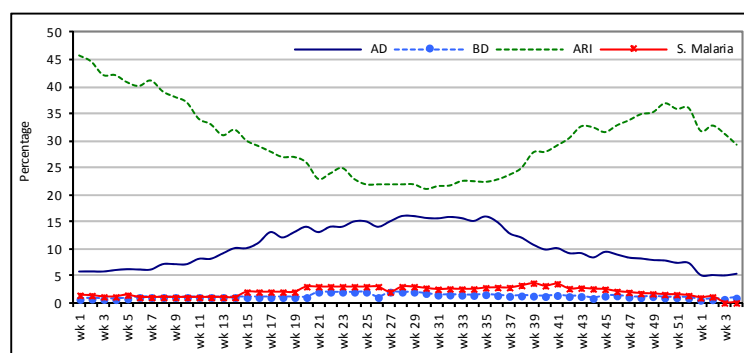
Table-2: Total number of alerts and outbreaks reported and investigated with appropriate response

Disease	2010		2011		2012 (up till week 4)		Total	
	A	O	A	O	A	O	A	O
Acute watery diarrhoea	209	85	1350	543	25	0	1584	628
Acute jaundice syndrome	5	2	51	17	12	2	68	21
Bloody diarrhoea	10	1	98	20	8	2	116	23
Dengue fever	81	32	785	111	2	1	868	144
Measles	48	6	1710	91	183	5	1941	102
Pertussis	1	0	287	81	40	10	328	91
NNT + tetanus	5	0	399	0	63	0	467	0
Malaria	12	7	131	88	5	2	148	97
Leishmaniasis	1	0	298	33	73	9	372	42
Others	75	11	643	69	143	6	773	86
Total	447	144	5752	1053	466	37	6665	1234

Province Khyber Pakhtunkhwa:

- 391 health facilities from 14 districts of Khyber Pakhtunkhwa reported to DEWS on weekly basis with a total of 94,741 patients consultations in week 4.
- 33 alerts were reported in this week; Altogether 25 for Measles; 4 for Influenza; 2 for Leishmaniasis; while 1 each for Neonatal tetanus and Pertussis.
- 1 outbreak for Leishmaniasis received this week and appropriate measures were taken.

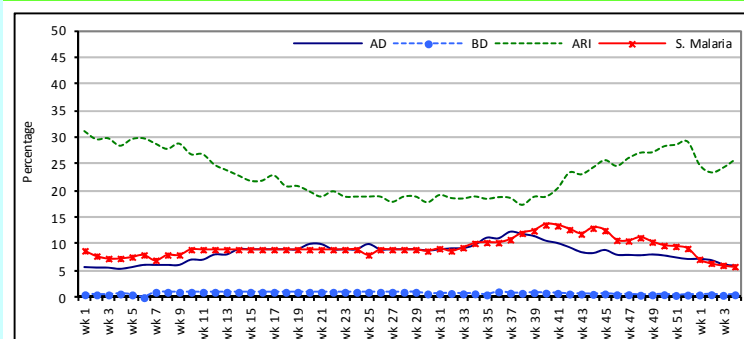
Figure-3: Trend of priority communicable diseases, province KPK



Province Sindh:

- 394 health facilities from 23 districts in Sindh reported on weekly basis to DEWS with a total of 184,846 patient consultations in this week.
- 46 alerts were reported; Altogether 13 for Measles, 9 each for AWD and Neonatal tetanus and tetanus; 8 for Pertussis; 3 for Bloody diarrhoea; 2 for Typhoid; while 1 each for Leishmaniasis, Acute Jaundice Syndrome.
- 3 outbreaks for Bloody diarrhoea were received and appropriate measure were taken.

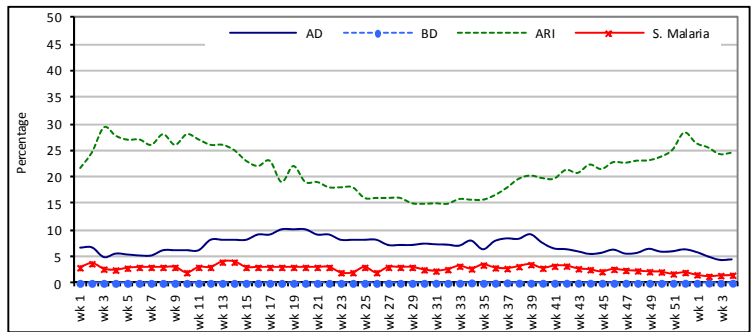
Figure-4: Trend of priority communicable diseases, province Sindh



Province Punjab:

- 332 health facilities from 8 districts reported data to DEWS in Punjab with a total of 155,094 patient consultations.
- A total of 34 alerts were reported in in this week; Altogether 7 for ARI; 5 each for Acute diarrhoea and Typhoid; 3 each for Leishmaniasis and NNT; 2 for Malaria, Measles, Pertussis and Scabies; while 1 each for AJS, Bloody diarrhoea and unexplained fever .
- No outbreaks from any area of Punjab was received.

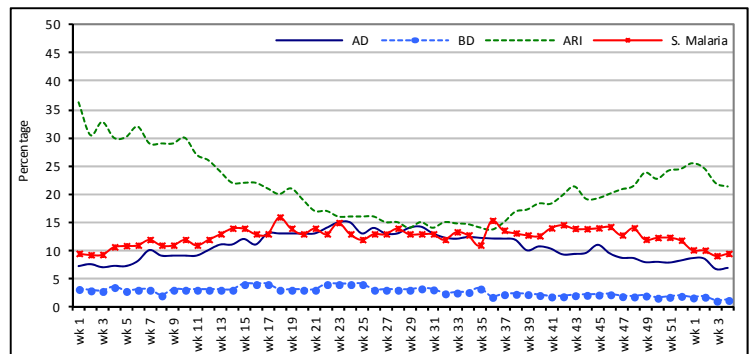
Figure-5: Trend of priority communicable diseases, province Punjab



Province Balochistan:

- 350 health facilities from 18 districts in Balochistan reported to DEWS, with a total of 59,377 patient consultations.
- 22 alerts were reported in this week from Balochistan; Altogether 13 for Leishmaniasis; 6 for Measles; 2 for Pertussis; and 1 for Tetanus.
- Three outbreaks, 2 for Leishmaniasis and 1 for Pertussis were received and appropriate measures were taken.

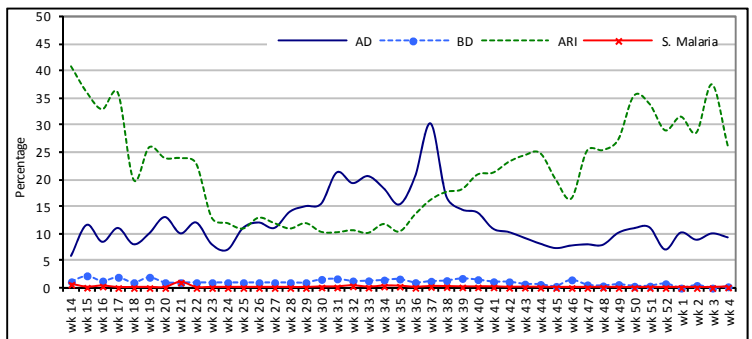
Figure-6: Trend of priority communicable diseases, province Balochistan



Province Gilgit Baltistan:

- 26 health facilities from 3 districts in Gilgit Baltistan reported to DEWS in this week; with a total of 6,968 patient consultations.
- 2 alerts, 1 each for Measles and Pertussis were reported this week and appropriate measure were taken.
- 1 outbreak for Pertussis was received this week and appropriate measures were taken.

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

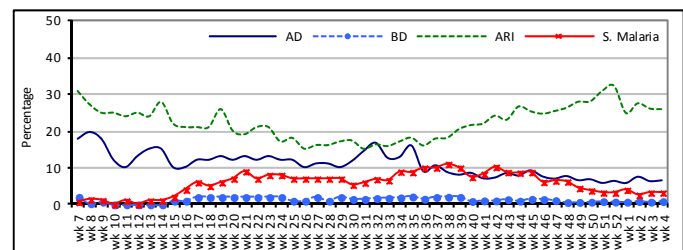
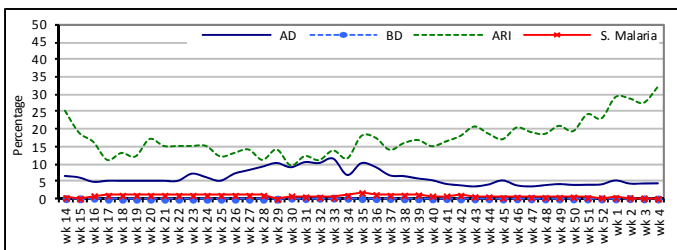


State of Azad Jammu and Kashmir:

- 105 health facilities from 9 districts reported to DEWS in this week with a total of 21,403 patient consultations.
- 1 alert for Leishmaniasis was received and appropriate measures were taken.

FATA:

- 20 health facilities 1 agency reported from FATA in this week, with a total of 3,697 patient consultations.
- 2 alerts; 1 each for Leishmaniasis and Measles were reported this week and appropriate measure were taken.



Alerts and outbreaks, week 4, 2012

