

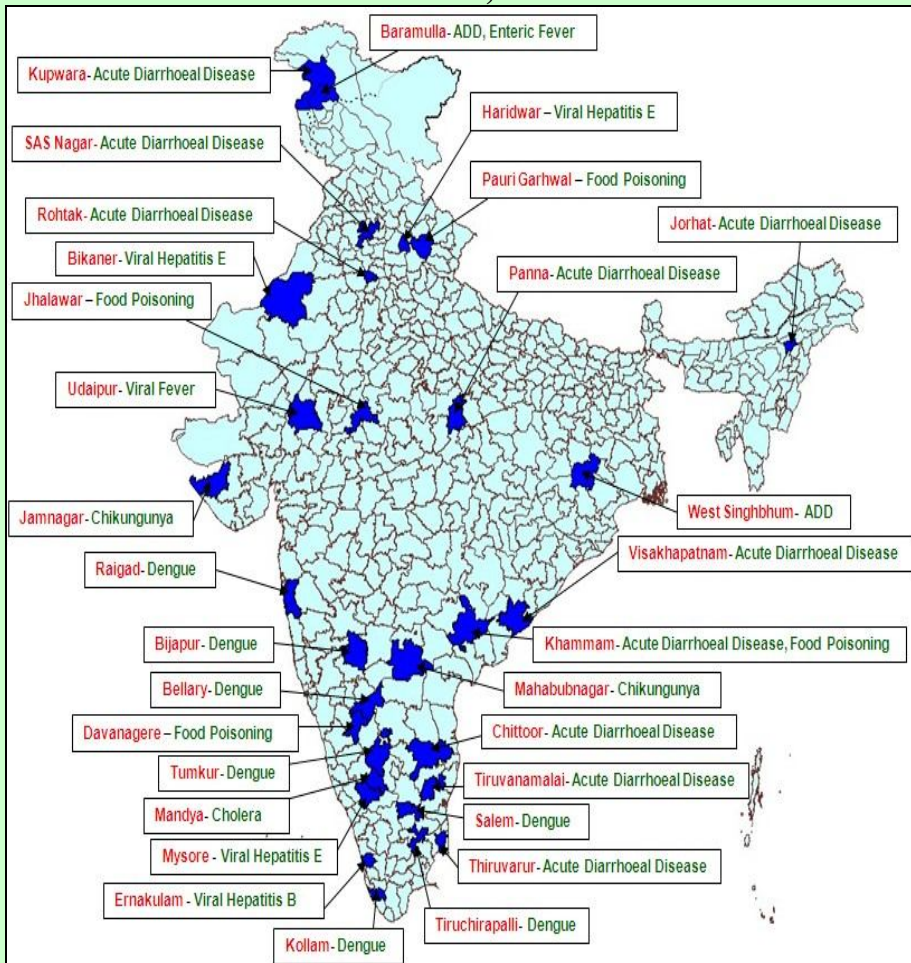


DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

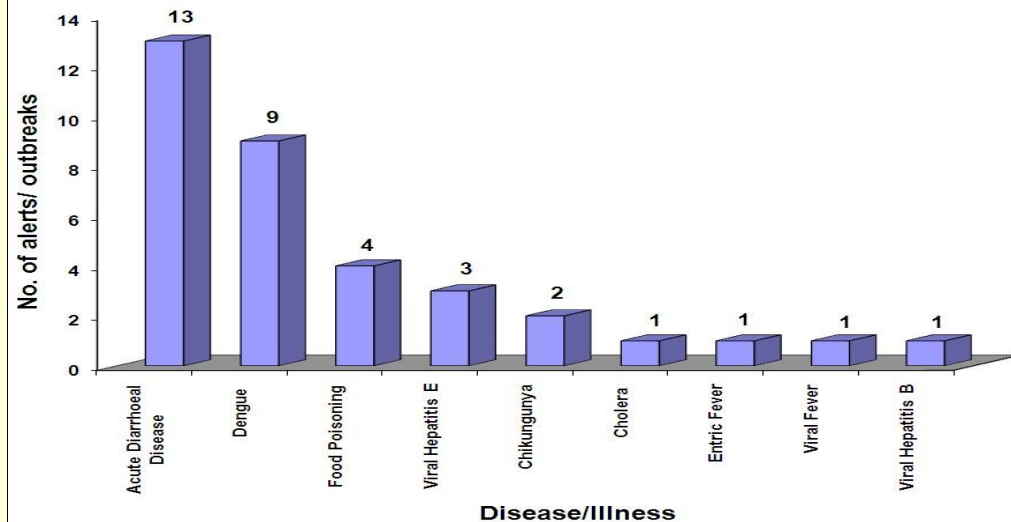
24th week (11 to 17 June) 2012



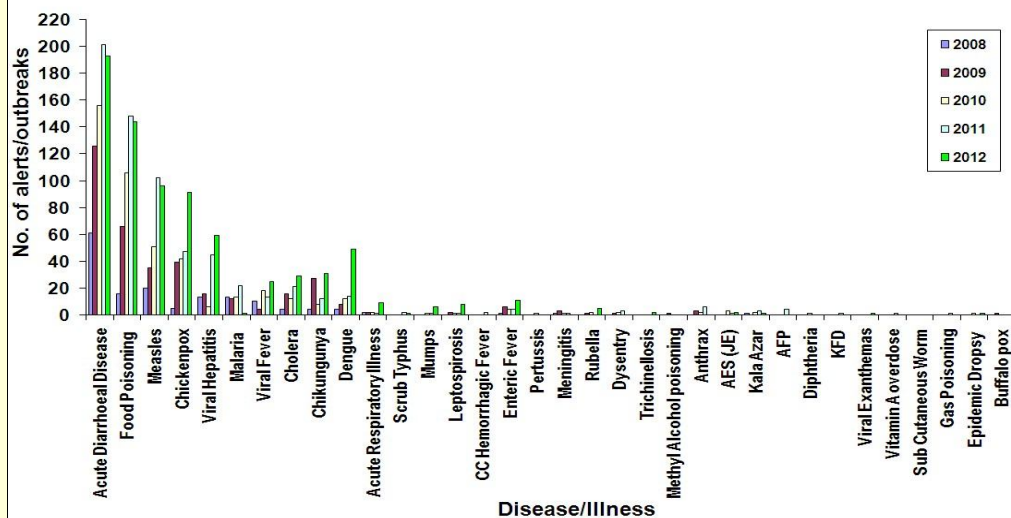
District wise disease alerts/outbreaks reported in the 24th week, 2012



Disease alerts/outbreaks reported during this week (n= 35)



Comparison of cumulative no. of disease alerts/outbreaks reported till the 24th week of 2008, 2009, 2010, 2011 & 2012



REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	28
No. of States/ UTs submitted "NIL" outbreak report	14

INTEGRATED DISEASE SURVEILLANCE PROJECT, NATIONAL CENTRE FOR DISEASE CONTROL, DELHI

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Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
1	Andhra Pradesh	Chittoor	i Acute Diarrhoeal Disease	21	1	09/06/12	11/06/12	Under control	Outbreak reported from SC Mudikuppam, PHC Chilamakulapalli Block S.R.Puram, District Chittoor. Medical team investigated the outbreak. House to house survey done. Temporary medical camps organized. All cases treated. ORS packets and chlorine tablets distributed in the community. Over head tank cleaned. Alternate source of drinking water provided. Health Education given.
		Khammam	ii Food Poisoning	16	0	15/06/12	17/06/12	Under control	Cases reported from Village Koyarangapuram, PHC Gummadavalli, Block Aswaraopeta, District Khammam due to consumption of contaminated food. Medical team investigated the outbreak. All cases treated locally. Temporary health camps organized. Health education given.
			iii Acute Diarrhoeal Disease	15	0	17/06/12	17/06/12	Under control	Cases reported from Village Shabhunigudem, PHC Vemsoor, District Khammam. Medical team investigated the outbreak. All cases treated locally. Temporary health camps organized. Chlorination of water sources done. Health education given.
		Visakhapatnam	iv Acute Diarrhoeal Disease	55	1	06/06/12	11/06/12	Under control	Outbreak reported from Village Nakkapalli, PHC Penugollu, Block Nakkapalli, District Visakhapatnam. Medical team investigated the outbreak. Temporary medical camps organized. House to house survey done. ORS packets distributed in the community. Health education regarding personal hygiene and environmental sanitation. Awareness was given regarding drinking boiled water in the community.
2	Jammu & Kashmir	Baramulla	v Acute Diarrhoeal Disease	87	0	09/06/12	13/06/12	Under control	Outbreak reported from Villages Sheeri and Drangbal, Block & District Baramulla due contaminated water. District RRT investigated the outbreak. Symptomatic treatment given. ORS packets distributed. Health education imparted.
		Kupwara	vi Acute Diarrhoeal Disease	15	0	15/06/12	16/06/12	Under control	Cases reported from Village Hajjan, Block Langate, District Kupwara. District RRT & Block health team investigated the outbreak. Treatment of cases done locally. 8 children admitted to CHC Kralgung. Affected children were in age group 3 to 12 years. Health education given regarding use of boiled drinking water and sanitation.

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3	Jharkhand	West Singhbhum	vii Acute Diarrhoeal Disease	14	0	10/06/12	11/06/12	Under control	Cases of diarrhoea, vomiting and fever reported from Village Baurisai, SC Karaikela, Block Bandgaon, District West Singhbhum due to consumption of contaminated water. Block health team investigated the outbreak. House to house survey done. All cases treated symptomatically. 5 patients were referred to the Sub Divisional Hospital CKP and 4 patients were referred to Railway Hospital, CKP for treatment. IEC activity undertaken and health education given regarding hygiene and sanitation measures.
4	Karnataka	Tumkur	viii Dengue	70	0	07/06/12	12/06/12	Under control	Outbreak reported from Village Chikkabanagere, PHC/CHC Chirathehalli, Block Sira, District Tumkur. Block Medical team investigated the outbreak. 70 blood smears collected tested negative for malaria. Out of 6 samples collected all were positive for Dengue (IgM ELISA). Indoor fogging and anti larval activity done in the community. Mobile clinics were set up for treating cases. Effective measures are taken.
		Mysore	ix Viral Hepatitis E	13	0	15/06/12	16/06/12	Under control	Cases reported from Village & PHC/CHC Hedtale, Block Nanjangud, District Mysore due to water supply valve point leakage. District RRT investigated the outbreak. Out of 7 serum samples collected 4 samples were positive for Hepatitis E (Ig M ELISA). House to house survey done. Temporary clinics established for treating cases. IEC activities done. Health education given.
		Bijapur	x Dengue	15	0	12/06/12	15/06/12	Under control	Cases reported from Village & PHC/CHC Kanamadi, Block Kanamadi, District Bijapur. District RRT investigated the outbreak. Out of 6 samples collected, 4 were positive for Dengue (Ig M ELISA). House to house fever survey done. Entomological survey revealed; out of 385 houses searched 30 houses were positive for Aedes mosquito; out of 1933 containers searched 185 were found positive for Aedes larva. Fogging done. Anti larval measures & Temephos application done in the community. IEC activity regarding early treatment of cases & personal protective measures done.
		Mandya	xi Cholera	41	0	10/06/12	14/06/12	Under control	Outbreak reported from Village Lakshmi Sagara, PHC/CHC Kerethonur, Block Pandavapura, District Mandya. District RRT investigated the outbreak. 2 samples collected were positive for Cholera culture. House to house survey done. Temporary clinics established for treating cases. Alternate source of drinking water supplied. Health Education given. I E C done at village level.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
		Davanagere	xii Food Poisoning	35	0	16/6/12	17/06/12	Under control	Outbreak reported from Village Hedne, PHC/CHC Huchchavvanahalli, Block and District Davanager due to consumption of contaminated food. District RRT investigated the outbreak. All cases treated. Health education given.
5	Kerala	Ernakulam	xiii Viral Hepatitis B	6	0	12/06/12	16/06/12	Under surveillance	Cases reported from Village Ooramana, PHC Ramamangalam, Block Ramamangalam, District Ernakulam. District RRT investigated the outbreak. House to house survey done. Out of 17 serum samples collected, 6 were positive for Hepatitis B (Ig M ELISA). Medical Camps established in the affected area. Health education classes on Hepatitis B conducted in the community. Awareness classes conducted for the workers in barbar shops. The RRT team visited clinical labs and instructed lab facilities on sterilization methods and vaccination.
		Kollam	xiv Dengue	26	2	13/06/12	13/06/12	Under control	Cases reported from Blocks Anchal, Pathanapuram, S.N.Puram, Ummannur, Kulakkada, District Kollam. District RRT investigated the outbreak. Arecanut coverings were major source of breeding sites. Out of 17 serum samples collected, 5 were positive for Dengue (IgM ELISA). Source reduction and fogging done. Awareness among the community done.
6	Maharashtra	Raigad	xv Dengue	29	0	07/06/12	16/06/12	Under surveillance	Outbreak reported from Village Dighode , PHC Koproli, Block Uran, District Raigad. District RRT investigated the outbreak. 7 samples taken and sent to NIV, Pune. 2 samples tested positive for Dengue by IgM ELISA. Fever survey along with entomological surveillance conducted. Mosquito containment measures undertaken. IEC activities done.
7	Madhya Pradesh	Panna	xvi Acute Diarrhoeal Disease	16	1	12/06/12	17/06/12	Under control	Cases reported from Village Dhesai, SC Tikariya CHC & Block Pawai, District Panna due to consumption of well water. Block Medical team from CHC Pawai, CMHO Panna visited the affected area. Treatment of cases done. Chlorine tablets distributed in the locality. Chlorination of water sources done. Health education given.
8	Punjab	SAS Nagar	xvii Acute Diarrhoeal Disease	173	0	11/06/12	17/06/12	Under surveillance	Outbreak reported from Village Baroli, PHC Derabassi, District SAS Nagar possibly due to contamination of water from leakage in pipeline. Water sample and stool sample collected and sent for testing. All stool samples tested negative for <i>V.cholerae</i> by culture. Samples showed growth of normal choliforms. Results for water samples testing awaited. Health education and IEC activities done.

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9	Rajasthan	Bikaner	xviii Viral Hepatitis E	45	0	15/06/12	17/06/12	Under control	Outbreak reported from Urban Area Majisa ka bass and Hanuman hatha, Fort dispensary Bikaner City, District Bikaner. Outbreak investigated by District RRT. 4 serum samples collected and sent to SPMC Bikaner which tested positive for Hepatitis E by IgM ELISA. Door to door survey done. All cases treated. ORS packets distributed. Coordination with PHED department done for water chlorination. Water supply pipeline repaired by PHED department. Health education given to the public about hygiene maintenance.
		Udaipur	xix Viral Fever	24	0	16/06/12	17/06/12	Under control	Outbreak reported from Village Sanchali, SC Semad, PHC Sayara, Block Gogunda, District Udaipur. District RRT investigated the outbreak. 21 blood slides collected which tested negative for Malaria. House to house survey done. Symptomatic treatment provided to all cases. Chlorination done. IEC done.
		Jhalawar	xx Food Poisoning	57	0	11/06/12	17/06/12	Under control	Outbreak reported from Village Badbad, PHC Kamkheda, Block Aklera, District Jhalawar due to diarrhoea and vomiting. District RRT investigated the outbreak. All cases treated. Health education given.
10	Tamil Nadu	Tiruchirapalli	xxi Dengue	15	0	09/06/12	11/06/12	Under control	Cases reported from Manapparai Municipality, Sverirayan street, Thirapatti, District Tiruchirapalli. District RRT visited the area and investigated the outbreak. It was found that due to scarcity of potable water the residents were engaged in faulty practices of storing water in containers for prolonged periods of time. 6 serum samples collected and sent to ZET, Trichy. Out of these, 3 samples tested positive for NS1 antigen for Dengue by IgM ELISA. Indoor source reduction and fogging operations carried out. IEC given regarding proper storage of water.
			xxii Dengue	12	0	14/06/12	17/06/12	Under control	Cases reported from Village P. Sangenthi, HSC & PHC Kannakiliyanallur, District Trichy. District RRT visited the area and investigated the outbreak. On house to house survey it was found that villagers were storing water in make-shift containers for prolonged periods of time. The containers were found to have high concentrations for Aedes larvae. 1 serum sample tested at KAPV Medical College which tested positive for Dengue by IgM ELISA. Chlorination of water sources along with application of Abate and Fogging operations carried out. IEC given regarding proper storage of water.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
	Tamil Nadu	Tiruvanamalai	xxiii Acute Diarrhoeal Disease	21	0	16/06/12	17/06/12	Under control	Outbreak of nausea, vomiting, and diarrhea reported from Village & SC Mukkurumbai, PHC Kalambur, District Tiruvanamalai. District RRT visited the area and investigated the outbreak. 3 stool samples and 1 water sample collected and sent for testing. All samples showed growth of E.coli by culture. Samples were negative for <i>V.cholerae</i> by culture. Health education given regarding drinking of boiled water & environmental sanitation.
		Thiruvarur	xxiv Acute Diarrhoeal Disease	112	0	12/06/12	17/06/12	Under surveillance	Outbreak reported from Village Kattakudi, HSC & PHC Peraiyur, District Thiruvarur. District RRT visited the area and investigated the outbreak. Stool specimens collected and sent to Thiruvarur Medical College, Thiruvarur. Results awaited. Chlorination of OHTs done. All houses in the village disinfected with bleaching powder and patient's used items are disinfected with Phenyl. 2 medical teams deployed in the area to monitor the situation. IEC and health education given.
11	Uttarakhand	Haridwar	xxv Viral Hepatitis E	8	0	10/06/12	10/06/12	Under control	Cases reported from Village Jatt Bahadarpur, Block Bahadrad, District Haridwar. Block health team visited the affected area. House to house search for cases done. During the survey leakage found in the pipe lines of drinking water supply. Chlorination done in the area. 3 serum samples collected and sent to HIHT Dehradun out of which 2 samples tested positive for Hepatitis E by IgM ELISA. IEC done regarding safe drinking water.
		Pauri Garhwal	xxvi Food Poisoning	11	0	12/06/12	17/06/12	Under control	Cases reported from Village Kathuli, Block Khirsu, District Pauri Garhwal. Affected people belong to one community (Nepali workers) and live in one place. MOIC Khirsu along with Local health team visited the affected area. 8 stool samples collected and sent to Base Hospital Srinagar, District Pauri Garhwal which tested negative for cholera by culture. Health education given.

DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE								
Sl. No	Name of State/UT	Name of District	Disease/ Illness	Cases	Deaths	Date of start of outbreak	Current Status	Comments/ Action taken
1	Andhra Pradesh	Mahabubnagar	xxvii Chikungunya	17	0	01/06/12	Under control	Cases reported from Village Samanpally, SC Manthangode, PHC Karne, Makthal, District Mahabubnagar. Medical team investigated the outbreak. Entomological survey revealed; out of 95 houses surveyed 16 were positive for Aedes mosquito. Out of 7 samples collected 4 were positive for Chikungunya (IgM ELISA). Temporary medical camps organized. Anti larval operation, Pyrethrum spray, Fogging done. Health education given. IEC material distributed in the community.
2	Assam	Jorhat	xxviii Acute Diarrhoeal Diseases	14	0	28/05/12	Under Control	Outbreak reported from Village Halawa Pather, PHC Selenghat Block Nakachari District Jorhat. District RRT investigated the outbreak. 2 stool samples were negative for cholera culture. Drugs distributed in the community. ORS packets, halogen tablets distributed in the community. Awareness on health and hygiene, safe drinking water and hand washing done.
3	Gujarat	Jamnagar	xxix Chikungunya	10	0	02/06/12	Under control	Cases reported from Gokul Nagar, Panakhan UHC Jamnagar, District Jamnagar. Medical team investigated the outbreak. Entomological survey revealed Aedes mosquito breeding sites in the affected area. Out of 6 serum samples collected all were positive for Chikungunya (Ig M ELISA) at M P Shah medical collage Jamnagar. Anti larval operations/Abate spray done in the affected area. Health education given.
4	Haryana	Rohtak	xxx Acute Diarrhoeal Disease	121	0	05/06/12	Under control	Outbreak reported from Village Ghillour Kalan, District Rohtak possibly due to consumption of contaminated drinking water. District RRT visited the area and investigated the outbreak. It was found that consuming raw water from wells and tubewells. Two water samples were collected from the main source for O.T testing and sent to PGIMS, Rohtak. Out of these, 1 sample was found unfit for drinking. 3 stool samples taken; all of which were found negative for <i>V.cholerae</i> by culture. House to house survey was carried out. All the patients treated. Halogen tablets and ORS packets distributed. IEC activities and provision of chlorinated water carried out in the locality.
5	Jammu & Kashmir	Baramulla	xxxi Enteric Fever	66	0	02/06/12	Under control	Outbreak reported from Village Dangiwacha, Block Rawcho, District Baramulla. District and State RRT investigated the outbreak. Treatment of patients done. Cases were above 10 years of age. Out of 66 serum samples tested, 15 were positive for Widal test. 12 Blood samples collected and sent to Public Health Lab, Srinagar for serology and culture out of which 4 samples tested positive for Typhoid by Rdk Typhidot. 2 blood samples tested negative for Typhoid by culture. Health education imparted to the public.

DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE								
Sl. No	Name of State/UT	Name of District	Disease/ Illness	Cases	Deaths	Date of start of outbreak	Current Status	Comments/ Action taken
6	Karnataka	Bellary	xxxii Dengue	14	0	04/06/12	Under control	Outbreak reported from Village Bommaghatta, PHC/CHC C. Chornur, Block Sandur, District Bellary. District RRT investigated the outbreak. Out of 4 serum samples collected and sent to VIMS, Bellary, 1 was positive for Dengue. Blood smears found negative for malaria. House to house survey done. Source reduction and fogging done. Awareness on the disease spread and prevention given.
7	Punjab	SAS Nagar	xxxiii Acute Diarrhoeal Disease	133	0	22/05/2012	Under control	Outbreak reported from Village Fatehpur and Sialba, PHC Boothgarh, District SAS Nagar possibly due to contamination of water from leakage in pipeline. District RRT investigated the outbreak. House to house survey conducted. IEC activities done. Water sample and stool sample collected and sent for testing. 4 stool samples collected and sent to District Priority Lab, Mohali. Out of these, 1 tested positive for <i>V.cholerae</i> by culture.
8	Tamil Nadu	Salem	xxxiv Dengue	11	0	29/05/12	Under control	Cases reported from Village Veerapandi, PHC Veerapandi, Block Ayyampalayam, District Salem. District RRT visited the area and investigated the outbreak. It was found that there was a high density of <i>Aedes</i> mosquitoes in the locality. Intensified house to house daily fever surveillance is being carried out by field health staff. Indoor fogging operation along with anti-larval activity is carried out in the affected village. 11 blood smears taken and examined, all of which were found negative for malaria. 5 Serum samples taken out of which 1 found positive for Dengue by IgM ELISA. Fever surveillance carried out in the neighbouring areas in 3km radius. Weekly Anti-larval activity carried out in the affected village. Health education and IEC done.
			xxxv Dengue	14	0	29/05/12	Under control	Cases reported from Village Thalaivasal, SC Kattukottai, PHC Sathasivapuram, Block Samberi, District Salem. District RRT visited the area and investigated the outbreak. 14 blood smears were taken and examined, all of which were found negative for malaria. 6 Serum samples were taken out of which 2 were found positive for Dengue by IgM ELISA. House to house surveillance done by health staff. IEC activities conducted.

FOLLOW UP OF DISEASE OUTBREAKS OF PREVIOUS WEEKS

Sl. No	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Current Status	Comments/ Action taken
1.	Bihar	Muzaffarpur	Acute Encephalitis Syndrome	341 (cases upto 17/06/12)	147 (deaths of cases reported upto 17/06/12)	27/05/12	Under Surveillance	121 cases and 58 deaths have been reported from Muzaffarpur and adjoining districts upto 10 th June, 2012. From 11 th to 17 th June 2012, further 220 cases and 89 deaths occurred. These new cases and deaths were reported from East Champaran, Motihari, Muzaffarpur, Samastipur, Saran, Sheohar, Sitamarhi and Vaishali districts. A Central Team is investigating the outbreak.
2.	Karnataka	Bengaluru*	Influenza A H1N1	8#	2#	26/03/12	Under Surveillance	A total of 279 cases and 19 deaths have been reported from Karnataka (upto 10 th June, 2012) due to Influenza A H1N1. From 11 th to 17 th June, 2012 further 8 cases and 2 deaths occurred in the state. These new cases and deaths were reported from Bengaluru, Chikballapur, Chitradurga, Dakshina Kannada, Davanagere and Udupi districts.
3.	Maharashtra	Kolhapur	Viral Hepatitis E	Cumulative 3803(till 17/06/12)	Cumulative 12(till 17/06/12)	14/05/12	Under Surveillance	Cases reported from City Ichalkaranji, Nagar Parishad, District Kolhapur possibly due to contaminated water. District and Block RRT visited the area and investigated outbreak. Daily house to house surveillance done by health workers. Health education given regarding drinking of boiled water, and proper water purification. Chlorine tablets distributed. Pipe leakages corrected. Private practitioners in the area briefed regarding sample collection and proper treatment of patients. IEC activities along with close monitoring are ongoing by health teams.

* Cases & Deaths were reported from Bengaluru, Chikballapur, Chitradurga, Dakshina Kannada, Davanagere and Udupi Districts.

Cases & Deaths reported from 11/06/12 to 17/06/12.