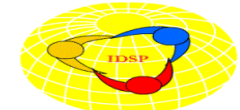


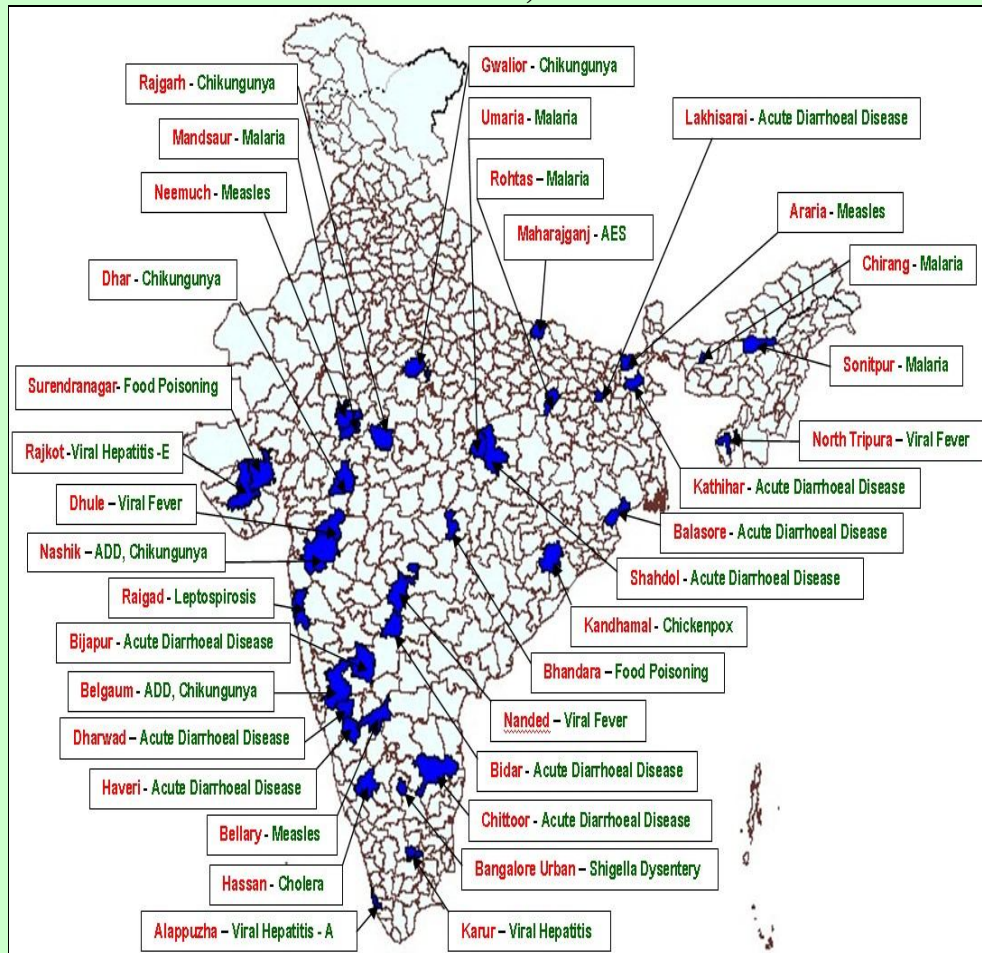


# DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

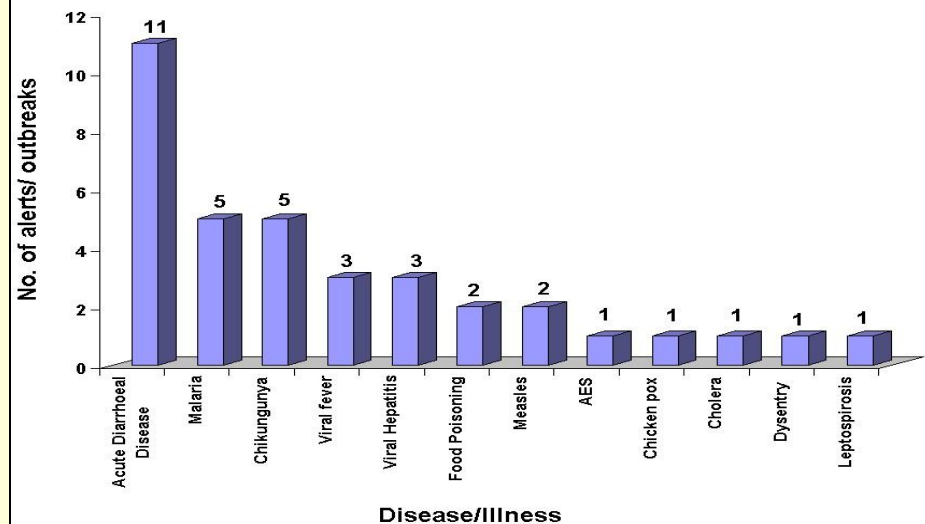
## 44<sup>th</sup> week (ending 6<sup>th</sup> November) 2011



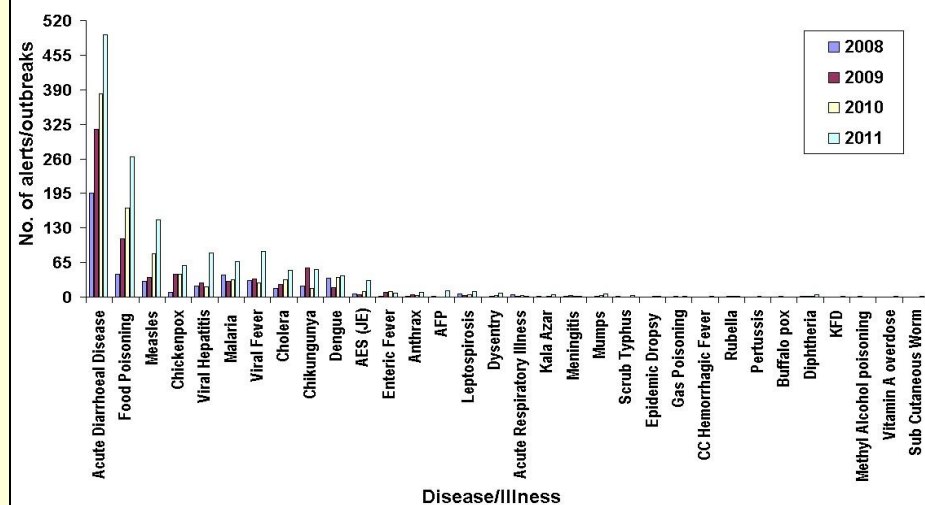
### District wise disease alerts/outbreaks reported in the 44<sup>th</sup> week, 2011



### Disease alerts/outbreaks reported during this week (n= 36)



### Comparison of cumulative no. of disease alerts/outbreaks reported till the 43rd week of 2008, 2009, 2010 & 2011



### REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	23
No. of States/ UTs submitted "NIL" outbreak report	11

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
1.	Andhra Pradesh	Chittoor	i Acute Diarrhoeal Disease	45 / 0	03.11.11	06.11.11	Under control	Outbreak reported from Chinnamasid St, High School St, Jandra street under Rompicherla PHC due to consumption of contaminated water. Water and stool samples collected and sent to District Public Health Lab, Tirupathi for analysis; result awaited. Medical camp conducted in the affected area to treat cases. Active house to house survey conducted to find new cases. All cases treated. ORS packets and chlorine tablets distributed in the locality. Health education given regarding hygiene and sanitation.
2.	Assam	Chirang	ii Malaria	297 / 1	26.10.11	04.11.11	Under surveillance	Outbreak of fever reported from Village Aipowali, SC Santipur, BPHC Sidli. District RRT visited the affected area and investigated the outbreak. Out of 297 blood slides collected from fever cases, 87 tested positive for <i>P. falciparum</i> . House to house fever survey done. Health camp organized in the affected area. LLIN bed-nets distributed. IEC activities undertaken regarding personal protection measures to be adopted by the community.
		Sonitpur	iii Malaria?	15 / 1	03.11.11	5.11.11	Under surveillance	Cases of fever reported from Village/SC Urahiloga, PHC Rangapara, BPHC Balipara, Tezpur. District RRT visited the affected area and investigated the outbreak. Blood smear of the death case tested positive for <i>P. falciparum</i> . 55 blood slides collected from fever cases in the affected area for examination found negative for Malaria. Active survey done to find new cases. DDT spray done and bed-nets distributed for mosquito control. Health education given regarding personal protection measures to be adopted by the community.
3.	Bihar	Araria	iv Measles	16 / 0	4.11.11	5.11.11	Under surveillance	Cases of fever with rash reported from Village Goriaghat Tola ward no.10, PHC/Block Araria. District RRT investigated the outbreak. Cases treated symptomatically. IEC activities undertaken regarding isolation and early treatment of cases.
		Katihar	v Acute Diarrhoeal Disease	31 / 0	29.10.11	5.11.11	Under surveillance	Cases of loose motion and vomiting reported from Village Harijan Tola, S.C. Malharia, Block Sameli due to consumption of contaminated water. Block health team investigated the outbreak and treated cases. ORS packets distributed among the affected people and disinfection of water sources done. IEC activities undertaken regarding proper sanitation and food habits.
		Lakhisarai	vi Acute Diarrhoeal Disease	45 / 0	03.11.11	05.11.11	Under surveillance	Outbreak reported from Village Rampur ward no. 4, SC Chokara, Ghosait, PHC Surajgarha due to consumption of contaminated water. Symptoms of loose motion and vomiting found among children below 10 years of age. PHC medical team visited the area and undertook prevention and control measures. All cases treated with fluids. ORS distributed in the affected area. Health education imparted regarding proper sanitation and food habits.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of cases/deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
4.	Gujarat	Rajkot	vii Viral Hepatitis-E	52 / 0	23.10.11	06.11.11	Under surveillance	Outbreak reported from Village/PHC Patanvav, Block Dhoraji due to consumption of contaminated water caused by leakage in water pipeline. 4 serum samples collected and tested at Medical College Rajkot found positive for HEV (IgM ELISA). Regular chlorination of drinking water advised. Chlorine tablets distributed. House to house survey done by health worker to find new cases. All cases treated symptomatically. Leakage in water pipeline repaired. Health education given regarding hygiene and sanitation.
		Surendranagar	viii Food Poisoning	49 / 0	01.11.11	03.11.11	Under surveillance	Outbreak with symptoms of diarrhoea and vomiting occurred in Urban area of Chotila Block due to consumption of contaminated food (Prasad). Affected area visited by Block Health Officer Chotila with his team. Food samples not available for lab analysis. Health education given regarding food sanitation.
5.	Karnataka	Bidar	ix Acute Diarrhoeal Disease	69 / 0	25.10.11	29.10.11	Under control	Cases reported from Village Madkatti, PHC Warwatti, Taluk Bhalki due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Two stool samples tested and found negative for cholera. Water samples tested unfit for drinking purpose. Chlorination of water sources done. IEC activities undertaken regarding hygiene maintenance and safe drinking water.
		Bijapur	x Acute Diarrhoeal Disease	29 / 0	28.10.11	28.10.11	Under control	Cases reported from Village Yalguru, Taluk Kalagiri due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. 2 stool samples collected for which results are awaited. Chlorination of water sources done. IEC activities undertaken regarding hygiene maintenance and safe drinking water.
		Bangalore Urban	xi Dysentery (Shigella)	257 / 0	25.10.11	28.10.11	Under control	Outbreak reported from Village Parappana Agarahara, PHC Singasandra, Taluk Bangalore South. District RRT visited the affected area and investigated the outbreak. Treatment of patients done at Victoria Hospital. Four out of five stool samples were positive for <i>Shigella</i> culture. Health education given regarding hygiene and sanitation.
		Dharwad	xii Acute Diarrhoeal Disease	12 / 0	2.11.11	5.11.11	Under control	Cases reported from Village Huballi, PHC Mugad, Taluk Dharwad due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Three stool samples and three water samples collected for lab test; stool samples tested negative for cholera and water samples found unfit for drinking purpose. Chlorination of water sources done. IEC activities undertaken regarding hygiene maintenance and safe drinking water.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of cases/deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
	Karnataka	Hassan	xiii Cholera	19 / 0	24.10.11	26.10.11	Under control	Cases of watery diarrhoea reported from Village Narasipura Hatti, PHC M.L.Kopalu, Taluk Belur due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Out of 8 stool samples collected and sent to HMIS, Hassan for cholera culture, 6 samples found positive for <i>V. cholerae</i> . Chlorination of water sources done. Health camps organized to treat cases. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Haveri	xiv Acute Diarrhoeal Disease	54 / 0	3.11.11	5.11.11	Under control	Cases with loose motion reported from Village/PHC Savanur, Taluk Savanur due to consumption of contaminated water caused by water pipeline leakage. District RRT visited the affected area and investigated outbreak. Out of 3 stool samples collected for lab test, 1 found positive for Shigella at KIMS, Hubli. Halogen tablets distributed. IEC activities undertaken regarding safe drinking water and hygienic practices.
6.	Kerala	Alappuzha	xv Viral Hepatitis A	6 / 0	28.10.11	4.11.11	Under control	Cases with fever, vomiting and jaundice reported from Village Edakkunnam (Edakkunnam Govt. UP School), Charumode Ward: X, XI, XII, PHC Nooranad, Block Chunakkara. District RRT visited the affected area and investigated the outbreak. 6 blood samples taken out of which one sample tested positive for HAV IgM antibodies. Superchlorination of water sources done. IEC activities undertaken regarding hygienic practices and safe drinking water.
7.	Madhya Pradesh	Dhar	xvi Chikungunya	10 / 0	01.11.11	02.11.11	Under control	Cases of fever with joint pain reported from Village/Block Nalcha. District RRT visited the affected area and investigated the outbreak. Out of 8 serum samples collected for lab test; one tested positive for Chikungunya. Cases treated symptomatically. Fogging activities and source reduction measures undertaken. IEC activities undertaken regarding personal protection measures.
		Gwalior	xvii Chikungunya	151 / 0	03.11.11	05.11.11	Under control	Cases of fever with joint pain reported from Village Supavali, PHC Parsen, Block Hastinapur. District RRT visited the area and investigated outbreak. Out of 16 serum samples collected and tested at Dept. of Microbiology, G.R. Medical College Gwalior, 12 samples tested positive for Chikungunya (IgM ELISA). Health education given regarding personal protection measures.
		Mandsaur	xviii Malaria	29 / 4	02.11.11	05.11.11	Under control	Cases of fever reported from villages Badodiya, Prempuria, Sawan, Nawli and Dhawad under PHC Gandhi Sagar, Block Sandra. District RRT visited affected area and investigated the outbreak. Out of 303 blood slides collected from fever cases, 11 tested positive for <i>P. vivax</i> and 18 for <i>P. falciparum</i> . Active survey done to find new cases. Fogging activities and source reduction measures undertaken in affected areas. IEC activities undertaken regarding early treatment of cases and personal protection measures.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
	Madhya Pradesh	Rajgarh	xx Chikungunya	62 / 0	02.11.11	04.11.11	Under control	Cases of fever with joint pain occurred in PHC Sarangpur from villages Guwada (26 cases) and Sarali (36 cases). District RRT visited the affected areas and investigated the outbreak. Out of 6 serum samples collected, 3 tested positive for Chikungunya. Cases treated symptomatically. Source reduction measures undertaken in the affected village. IEC activities undertaken regarding personal protection measures.
		Shahdol	xx Acute Diarrhoeal Disease	35 / 0	05.11.11	05.11.11	Under control	Cases of diarrhoea occurred in village Soni Varsha, PHC Chatta, Block Sohagpur. District RRT investigated the outbreak. Chlorine tablets distributed. House to house survey done to find new cases. Health education given regarding hygiene and sanitation.
		Umaria	xxi Malaria	150 / 0	01.11.11	05.11.11	Under control	Cases reported from Village Barhi, Block Karkeri. Out of 150 blood slides collected and tested, 20 smears found positive for <i>P. vivax</i> and 15 for <i>P. falciparum</i> . District RRT visited the area and investigated the outbreak. Mass fever survey done. Fogging and source reduction measures undertaken. IEC activities undertaken regarding early treatment of cases and personal protection measures.
8.	Maharashtra	Dhule	xxii Viral Fever?	29 / 0	25.10.11	02.11.11	Under surveillance	Cases of fever reported from village Gangapur, PHC Kalambhir (14 cases) and from village Devjipada, PHC Navapada (15 cases) under Taluka Sakri. PHC staff deputed to the affected area for active surveillance. Mass fever survey and entomological surveillance done. Increase in mosquito larva density found in the affected area. Cases treated symptomatically. Abate application and fogging done. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted.
		Raigad	xxiii Leptospirosis	10 / 0	27.10.11	01.11.11	Under surveillance	Cases reported from Village Nanore Adiwasiwadi, PHC Nizampur, Taluka Mangaon. District RRT visited the affected area and investigated the outbreak. 1 case found ELISA positive at Civil Hospital. House to house survey done by PHC health workers. Chemoprophylaxis given to 361 suspected persons in affected village. IEC activities undertaken regarding safe handling of excreta of domestic animals and protection of wounds on hands and feet.
9.	Orissa	Balasore	xxiv Acute Diarrhoeal Disease	85 / 0	29.10.11	31.10.11	Under control	Outbreak reported from Tutapada, K.M. Pur, CHC Jaleswar due to consumption of contaminated water. PHC Medical Officer visited the affected area and investigated the outbreak. Active house to house survey conducted to find new cases. All cases treated. ORS packets and chlorine tablets distributed in the locality. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.



Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
10.	Tripura	North Tripura	xxv Viral Fever?	71 / 3	24.10.11	24.10.11	Under control	Cases of fever with bodyaches, pain abdomen and diarrhea reported from village Pabanpara, PHC Irani Gournagar, Block Kailashahar. District RRT and medical team from PHC visited the area and investigated the outbreak. 71 blood slides collected tested negative for Malaria. Health camp organized to treat cases. Mass fever survey done. Fogging activities and source reduction measures undertaken. Health education given regarding early treatment of cases and personal protection measures.

#### DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE

Sl. No	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Current Status	Comments/ Action taken
1.	Bihar	Rohtas	xxvi Malaria	50 / 2	10.09.11	Under control	Cases with fever and headache reported from Villager Hasari, SC Rehal, PHC Nauhatt which is inaccessible area. District RRT visited the affected area and investigated the outbreak. Out of 45 blood slides collected for examination, 8 smears tested positive for <i>P. vivax</i> and 1 for <i>P. falciparum</i> . Paramedical staff deputed to the affected area for active surveillance. Fogging activities and source reduction measures undertaken. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
2.	Karnataka	Belgaum	xxvii Chikungunya	20 / 0	10.10.11	Under control	Cases reported from Village Ainapur 2, PHC Ainapur, Taluk Athani. District RRT investigated the outbreak. Two serum samples tested positive for Chikungunya (IgM ELISA). House to house survey done for new cases. Anti larval measures done. IEC activities undertaken regarding personal protection measures.
			xxviii Acute Diarrhoeal Disease	25 / 0	20.10.11	Under control	Cases reported from Village Pantabalekundri, PHC Sulebhavi, Taluk Belgaun. District RRT visited the affected area and investigated the outbreak. Halogen tablets and bleaching powder distributed for disinfection of water. Emergency medical care started at PHC Sulebhavi. Health education given to community. IEC activities done.
		Bellary	xxix Measles	18 / 0	14.10.11	Under control	Cases with fever and rash reported from Village Bapuji Nagar, PHC Bellary, Taluk Bellary. District RRT visited the affected area and investigated the outbreak. All cases have been treated. Out of 5 serum samples collected, 3 tested positive for Measles IgM antibodies. IEC activities undertaken regarding isolation of cases.
3.	Maharashtra	Bhandara	xxx Food Poisoning	43 / 0	18.10.11	Under surveillance	Cases with symptoms of abdominal pain and vomiting occurred in Village Raje Dahgaon, PHC Shahapur, Block Bhandara. District RRT investigated outbreak in the affected area. Food samples collected and sent for lab investigation; result awaited. 15 cases were admitted in General Hospital Bhandara for treatment. Health education given regarding food sanitation.

**DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE**

Sl. No	Name of State/UT	Name of District	Disease/ Illness	No. of cases/deaths	Date of start of outbreak	Current Status	Comments/ Action taken
	Maharashtra	Nanded	xxxii Viral fever?	42 / 2	12.10.11	Under surveillance	Cases with prolonged fever, headache and vomiting reported from SC Rui, PHC Eveleshwar, Taluka Mahoor. Active house to house survey done to find new fever cases. 4 serum samples sent to NIV Pune found negative for Dengue and Widal test. Blood smears tested negative for Malaria parasite. IEC activities undertaken regarding early treatment of cases and personal protection measures.
		Nashik	xxxiii Chikungunya	17 / 0	17.10.11	Under surveillance	Cases of fever reported from village/PHC Andarsul, Taluka Yeola. District RRT investigated the outbreak. 41 blood smears tested negative for Malaria parasite. 11 serum samples sent to NIV Pune for lab investigation; 8 were positive for Chikungunya Ig M ELISA. Rapid fever survey done. Container survey revealed increase in breeding sites of <i>Aedes aegypti</i> larvae. IEC activities undertaken Medical Officer and health staff regarding early treatment of cases and personal protection measures.
		Nashik	xxxiiii Acute Diarrhoeal Disease	117 / 0	22.10.11	Under control	Outbreak reported from Village/SC Desgaon, PHC Tirhal, Block Kalwan due to consumption of contaminated water. District RRT investigated the outbreak. 5 water samples tested at DPHL Nashik found contaminated. 2 stool samples collected found negative for <i>V. cholerae</i> . Daily house to house survey done for new cases and OT testing done for water quality monitoring. ORS packets and chlorine tablets distributed. Health education given regarding hygiene and sanitation.
4.	Orissa	Kandhamal	xxxiv Chicken pox	11 / 0	10.10.11	Under control	Cases with fever and typical rash reported from Village Glutabadi, GP/SC Badabanga, Block/CHC Daringbadi. Cases treated symptomatically. IEC activities undertaken regarding isolation and early treatment of cases.
5.	Tamil Nadu	Karur	xxxv Viral Hepatitis?	15 / 0	14.09.11	Under control	Cases with fever and jaundice reported from village Inungur, Poyyamani due to consumption of contaminated water caused by pipeline leakage. 15 blood smears collected from cases with fever and jaundice tested negative for Malaria. 5 serum samples tested negative for Leptospirosis. Out of 10 urine samples tested 2 were positive for bile salt and pile pigments. Chlorination of overhead tanks and domestic water storage containers advised. Repair of pipeline leakages ensured. Removal of garbage around the water tanks done with help of local authority. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
6.	Uttar Pradesh	Maharajganj	xxxvi Acute Encephalitic Syndrome	321 /42	Jan. 2011	Under surveillance	A total of 321 cases and 42 deaths of Acute Encephalitic Syndrome have been reported since January 2011 till 4 <sup>th</sup> Nov 2011. All blocks are affected in the district. Majority affected areas were CHC's Maharajganj, Partawal, Farena and PHC's Ghughali, Paniyara, Dhani, Mithaura, Sisawa, Nichlaul, Ratanpur, Laxmipur and Bahaduri. 261 cases were children aged below 15yrs and 16 cases were positive for JE (Ig M ELISA). All cases treated at BRD Medical College Gorakhpur. Control measures including indoor residual spray, fogging and application of larvicides, have been undertaken in and around the affected villages. Mass vaccination done in the affected areas. IEC activities undertaken regarding personal protection measures.

**FOLLOW-UP OF DISEASE OUTBREAKS OF PREVIOUS WEEKS**

Sl. No	Name of State	Name of District	Disease/ Illness	No. of cases/ deaths*	Date of start of outbreak	Current Status	Comments/ Action taken
1.	Bihar	Munger	Malaria	89 / 0	24.10.11	Under surveillance	Cases of fever reported from HSC Maduban, Dariyapur, Hattiya, Galimpur, Rangnathapahari, Bihwe, Tilwariya, APHC Parsando, Shaddowe, PHC H.Khargpur. District RRT visited the affected area and investigated the outbreak. Out of 89 blood samples tested, 09 found positive for <i>P. falciparum</i> . House to house fever survey done. Active survey done to find new cases. Fogging activities and source reduction measures undertaken. DDT sprayed in the affected area. IEC activities undertaken regarding use of mosquito-net.
2.	Madhya Pradesh	Neemuch	Measles	24 / 0	3.10.11	Under control	Cases of fever with rash, cough, coryza and conjunctivitis reported from Block Palsoda from villages Mendhki (1 case), Village Jhalari Bhadwa Mata (1 case) and Village Mangrol Chack (22 cases). District RRT visited the area. Isolation of cases advised. Cases treated symptomatically. IEC activities undertaken regarding providing proper nutrition, early treatment of cases and measles immunization.

\* Cumulative figures reported this week.