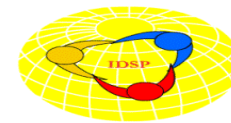
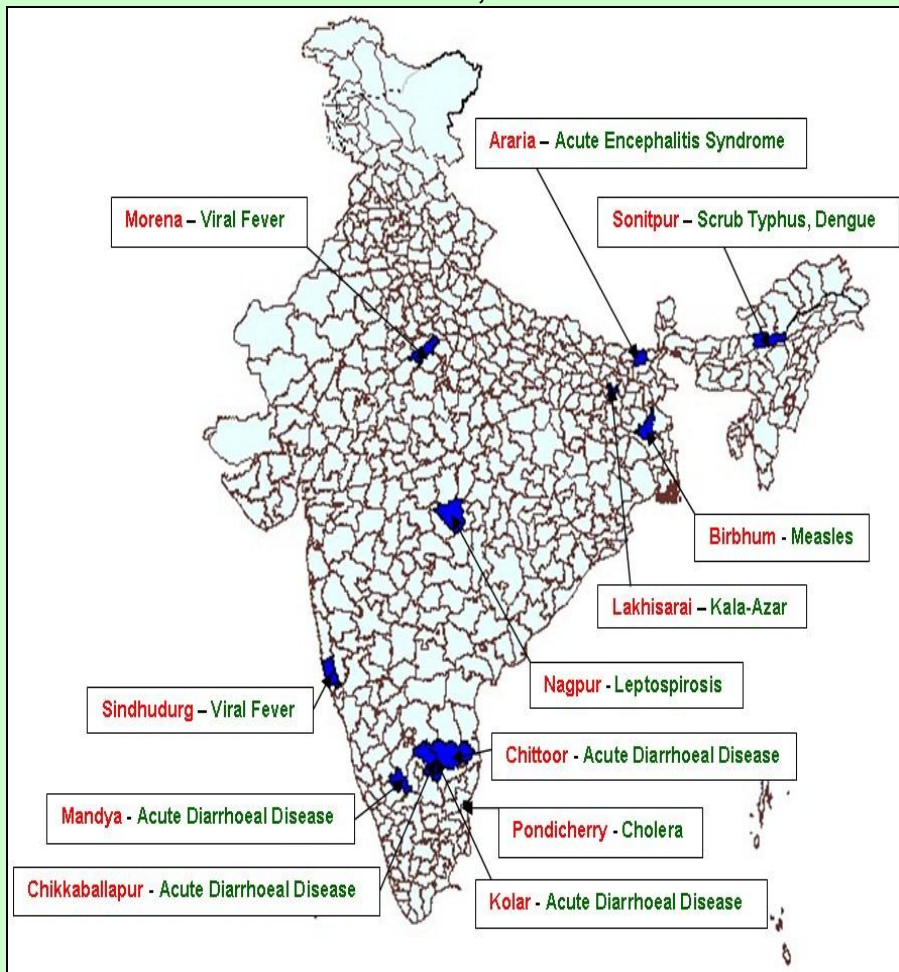




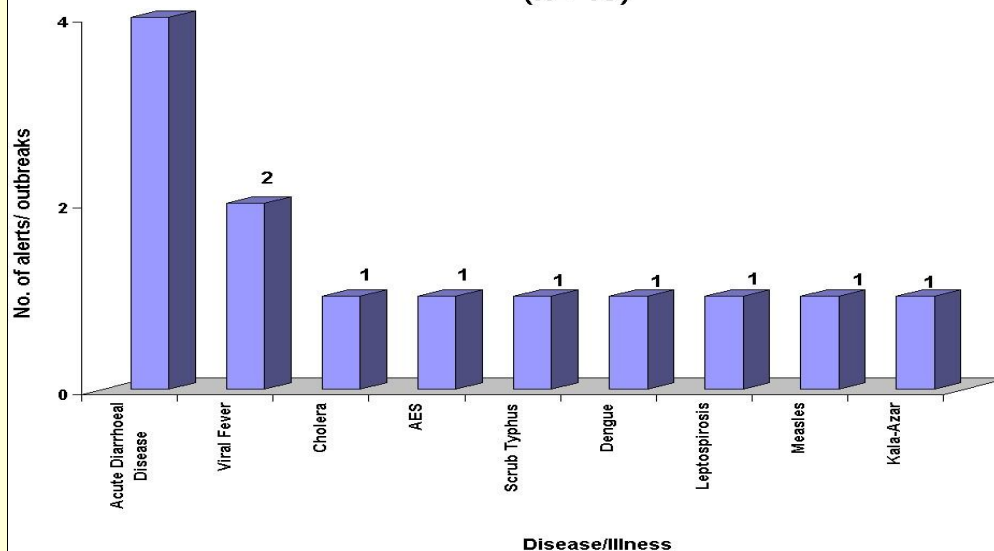
DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 47th week (ending 21st November) 2010



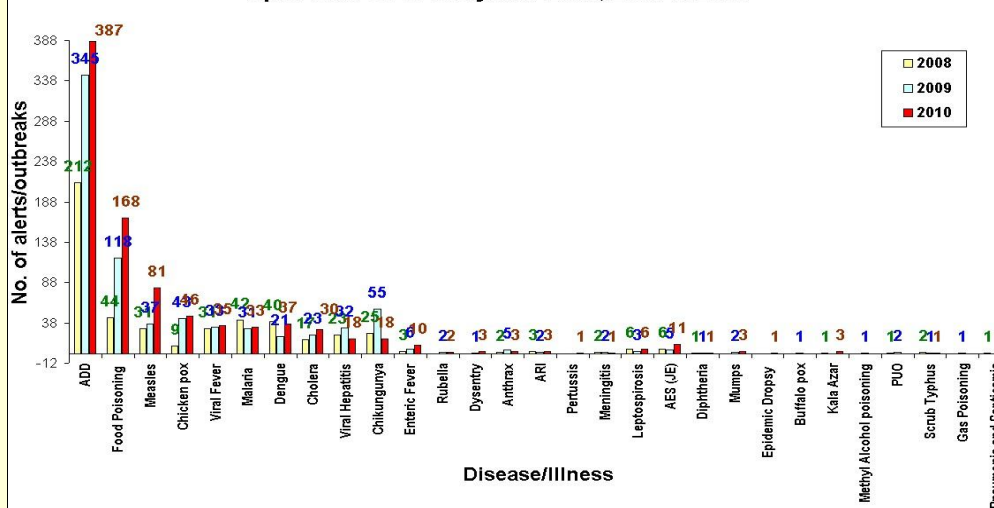
District wise disease alerts/outbreaks reported in the 47th week, 2010



Disease alerts/outbreaks reported during this week (n= 13)



Comparison of cumulative no. of disease alerts/outbreaks reported upto 47th wk in the years 2008, 2009 & 2010



REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	19
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	12 / 0	13.11.10	14.11.10	Under control	Outbreak reported from Thalavaripalli, PHC Gurramkonda probably due to consumption of contaminated water caused by leakage in water pipeline. PHC medical team visited the affected area and investigated the outbreak. Water samples collected and sent to Dist. Public Health Lab, Tirupathi for analysis; result awaited. Active house to house survey conducted to find new cases. Pipeline leakages were identified and the Panchayat Secretary and Sarpanch were instructed to rectify pipeline leakages. Pot chlorination done. Health education given regarding hygiene and sanitation.
2.	Bihar	Araria	ii. Acute Encephalitis Syndrome	4 / 4	07.11.10	09.11.10	Under control	Cases of fever and unconsciousness reported from Madhav Nagar, Majhna West. District RRT visited the affected area and investigated the outbreak. Paramedical staff deputed to the affected area for active surveillance. Fever survey and entomological surveillance done. Fogging activities and source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
3.	Karnataka	Chikkaballapur	iii. Acute Diarrhoeal Disease	11 / 2	09.11.10	11.11.10	Under control	Cases of diarrhoea reported from Ankalamadugu Village, Kadanamari subcentre, Batlahalli PHC, Chinthamani Taluk due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. It was found that pipeline supplying water to affected village was broken, and sewage water entered into the pipeline. Stool samples collected for lab analysis; result awaited. All cases treated with ORS and antibiotics. Temporary clinic arranged in the village. Leakage in water pipeline repaired. Gram Panchayat secretary advised to supply safe drinking water in affected village. Health education given regarding hygiene and sanitation.
		Mandya	iv. Acute Diarrhoeal Disease	35 / 1	12.11.10	13.11.10	Under control	Outbreak reported from Melukote, Narahalli PHC, Pandavapura Taluk due to consumption of contaminated water caused by leakage in water pipeline. All the cases treated with ORS and IV fluids. 3 water samples and 2 stool samples collected for lab analysis; result awaited. Medical staff arranged temporary clinic in the village to treat cases. Leakage in water pipeline repaired. Gram Panchayat secretary advised to supply safe drinking water in affected village. Health education given regarding hygiene and sanitation.
4.	Madhya Pradesh	Morena	v. Viral Fever	98 / 0	15.11.10	15.11.10	Under control	Outbreak of fever reported from Village Padavali, SHC Retorkala, CHC Noorbad, Gangapurbhatori, SHC Datehra. District RRT visited the affected area and investigated the outbreak. All blood smears examined found negative for malaria. Paramedical staff deputed to the affected area for active surveillance. Mass fever survey done. Anti-larval activities undertaken in and around the affected areas. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.

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.	Assam	Sonitpur	vi. Scrub Typhus	4 / 1	26.10.10	Under surveillance	Cases reported from Village Dulbari under Panchmile NPHC, Bihaguri BPHC and from Anjalipara village Ward No. 10 and Dhekiajuli TE, under Batasipur subcentre, Dhekiajuli BPHC. District RRT visited the affected area and investigated the outbreak. 12 sera samples collected by Baptist Christian Hospital, Mission Chariali, Tezpur and sent to RMRC, Dibrugarh; out of these four samples tested positive for Scrub Typhus.
			vii. Dengue	9 / 1	26.10.10	Under surveillance	Outbreak of fever reported from villages Gutlong and Bapubheti, Balipara BPHC SC Solmara, Haleswar NPHC; villages Goroimari and Bihaguri BPHC; SC Gutlong, Baruadoloni. Out of 9 sera samples collected at Baptist Christian Hospital, Tezpur and sent to RMRC, Dibrugarh for lab test, 3 samples tested positive for Dengue. One patient died due to Dengue Shock Syndrome. Entomological surveillance done by house to house visit. Fogging and source reduction measures undertaken in the affected villages. IEC activities undertaken regarding early treatment of cases and personal protection measures.
2.	Bihar	Lakhisarai	viii. Kala-Azar	9 / 0	15.10.10	Under surveillance	Cases reported from Rajwana, PHC Lakhisarai. Most of the cases were children of low socioeconomic status. Most of the houses are mud houses with dirty and moist areas around, favoring breeding of sand-fly as vector. All cases admitted to Sadar Hospital for treatment. Bed nets provided to all in Musahari Rajwana village. IEC activities undertaken regarding personal protection measures.
3.	Karnataka	Kolar	ix. Acute Diarrhoeal Disease	50 / 3	31.10.10	Under control	Outbreak reported from Chitteri Village, Ganjikunte subcentre, Avani PHC, (23 cases); Guttahalli Village, Devarayasamudra PHC (18 cases); and AK Colony, Bairakur PHC (9 cases/3 deaths) under Mulbagal Taluka due to consumption of contaminated water caused by leakage in water pipeline. District RRT visited the affected village and conducted house to house survey in the area to find new cases. Water samples collected and tested at DSU Kolar found unsatisfactory. Water and stool samples collected for culture tested negative for cholera. Alternate safe drinking water supplied by Gram Panchayat and damaged water pipeline repaired. ORS packets and chlorine tablets distributed in the locality. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation.
4.	Maharashtra	Nagpur	x. Leptospirosis	37 / 1	02.10.10	Under surveillance	Outbreak reported from Vill Chichala, PHC Nagardhan, Taluka Ramtek. Out of 5 sera samples sent to B.J. Medical College, Pune, 2 samples tested positive for IgM Leptosporis. Fever surveillance done in the area. IEC activities undertaken regarding personal protection measures.
5.	Maharashtra	Sindhudurg	xi. Viral Fever	39 / 3	05.11.10	Under surveillance	Outbreak of fever reported from Villages Sakedi Boudhwadi, Varawade, Hiwalwadi, Kalmath, Kumbharwadi under Kankavli Taluka. Rapid fever survey done in the affected area. Blood samples sent for lab investigation; result awaited. Entomological survey done in the area by house to house visit. Larvicides applied and fogging activities done in the affected areas. Health education given regarding 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
6.	Puducherry	Puducherry	xii. Cholera	5 / 0	04.11.10	Under control	Cases of severe diarrhoea reported from Santhosha Nanban Orphanage, PHC Odiansalai, Puducherry. District RRT investigated the outbreak and undertook necessary steps to detect new cases. All corrective measures including chlorination of water sources undertaken. All cases are children aged 5-11 years. Stool samples of all cases tested positive for <i>V. cholerae</i> at Pondicherry Institute of Medical Science (PIMS). Department of Health conducting regular surveillance in the area. No fresh cases have been reported from the orphanage and surrounding areas. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
7.	West Bengal	Birbhum	xiii. Measles	20 / 0	18.10.10	Under control	Cases reported from Village Agpoya, G.P Balijuri, Block Dubrajpur, Subdivision Suri. District RRT with medical staff visited the affected area. Vitamin-A oil supplementation given to all susceptible children. Cases treated symptomatically. IEC activities undertaken regarding isolation and early treatment of cases.

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.	Jharkhand	East Singhbhum	Dengue	24 / 0	04.11.10	Under surveillance	Cases reported from Kadma, Mango, Jugsalai, Bagbera Sakchi. Sera samples of cases tested positive for Dengue. Fogging activities and source reduction measures undertaken in and around the affected areas. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
2.	Kerala	Kannur	Viral Hepatitis - A	30 / 0	25.10.10	Under surveillance	Cases reported from Pullokkara, PHC Peringalam, CHC Pinarayi. District health team visited the area. District RRT visited the area. Serum samples of 2 cases tested positive for ELISA IgM HAV antibodies. Field staffs deputed for daily monitoring by house to house survey and follow-up. Health education given regarding sanitation and hygienic practices. Chlorination of drinking water sources of affected area done. IEC activities intensified.
3.	Maharashtra	Dhule	Malaria	13 / 0	08.11.10	Under surveillance	Cases reported from Kapadana, PHC Kapadana, Taluk Dhule. 7 blood slides found positive for P. vivax and 6 positive for P. falciparum. Fever survey and entomological surveillance done. Increase in larva density noticed in the area. Fogging activities and source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
		Thane	Acute Diarrhoeal Disease	42 / 0	29.10.10	Under surveillance	Outbreak reported from villages Vaishagare, Sakharvadi and Washala of Dolhare subcentre, under PHC Mokhada, Murbad and Dhasai. District RRT visited the affected area. Water samples sent for lab testing to Murbad Rural Hospital. Cases treated at Rural Hospital Tokhavade and PHC Dhasai. Water source purification done and 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.
4.	Rajasthan	Bikaner	Viral fever	758 / 0	01.11.10	Under surveillance	Outbreak of fever with joint pain reported from city dispensary-2, Bikaner city. Water logging and high mosquito breeding observed in the area. Medical team deployed in the affected area to treat cases. House to house visit done by medical team to find new fever cases. Entomological survey done. Fogging activities and source reduction measures undertaken. IEC activities undertaken regarding adopting personal protection measures.
		Bharatpur	Viral fever	49 / 0	10.11.10	Under control	Outbreak reported from Village Nangla Kokila, PHC Bahaj, Tehsil/Block Deeg. District RRT visited the affected area and investigated the outbreak. Blood slides found negative for Malaria. High density of <i>Aedes aegypti</i> mosquito breeding found in the area. Mass fever survey and entomological surveillance done. Fogging activities and source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
5.	West Bengal	North 24 Parganas	Fever	1143 / 0	16.09.10	Under surveillance	Outbreak of fever and joint pain clinically diagnosed as Chikungunya reported from Sindrani, Harinagar, Boardhar, Karamari, Jhitkipota, Pathuria, Magurkona, Pustighata Sarahati, Khutibari, Ghonarmath, Kharermath, Akandatala, Raghampur, Natunpara, Kamalabash, Charmandal, Bagula, Naldugari, Parmadan under Bagdah Block. District RRT visited the affected area and investigated the outbreak. 8 sera samples sent to School of Tropical Medicine, Kolkata; result awaited. Active house-to-house survey done by health staff. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.

* Cumulative figures reported this week.