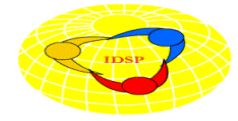
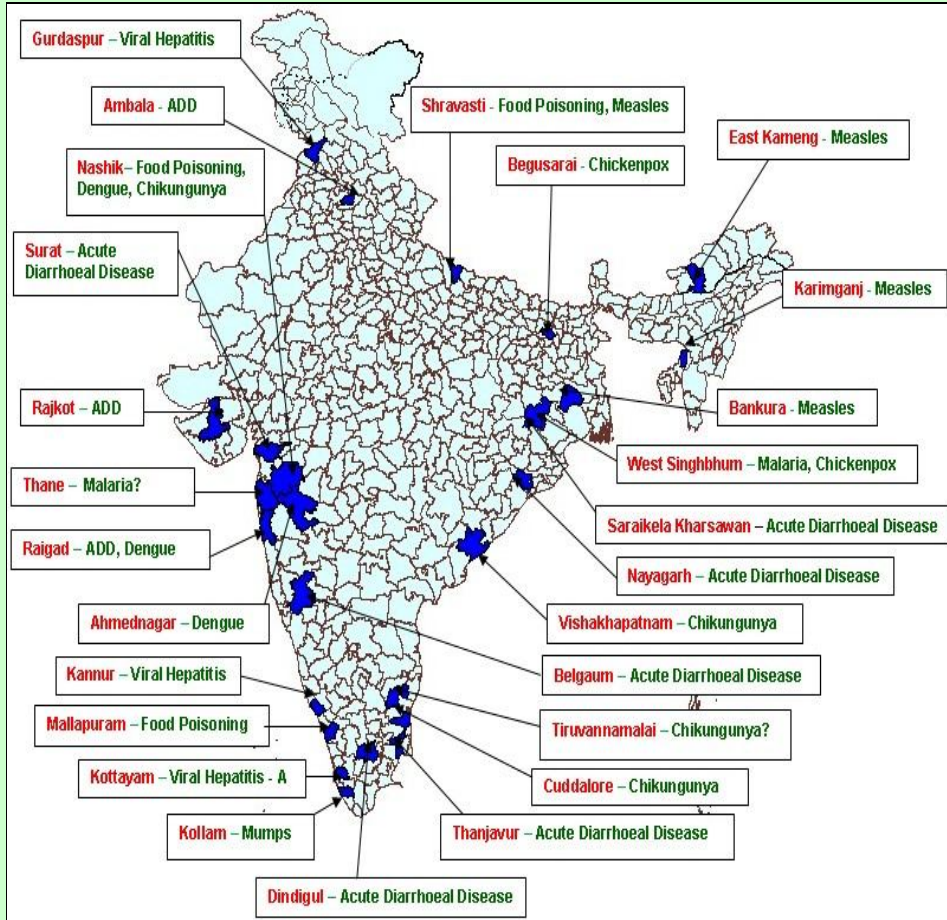


DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

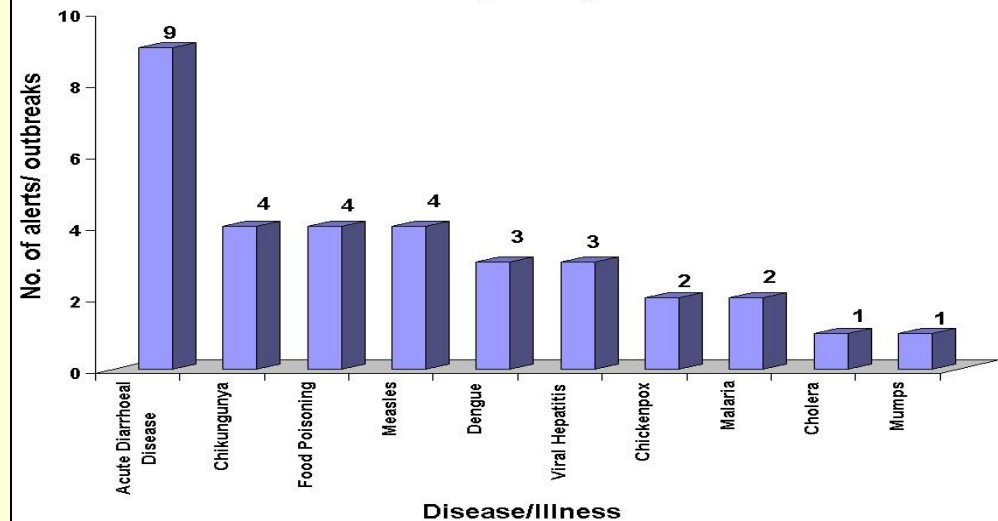
50th week (ending 18th December) 2011



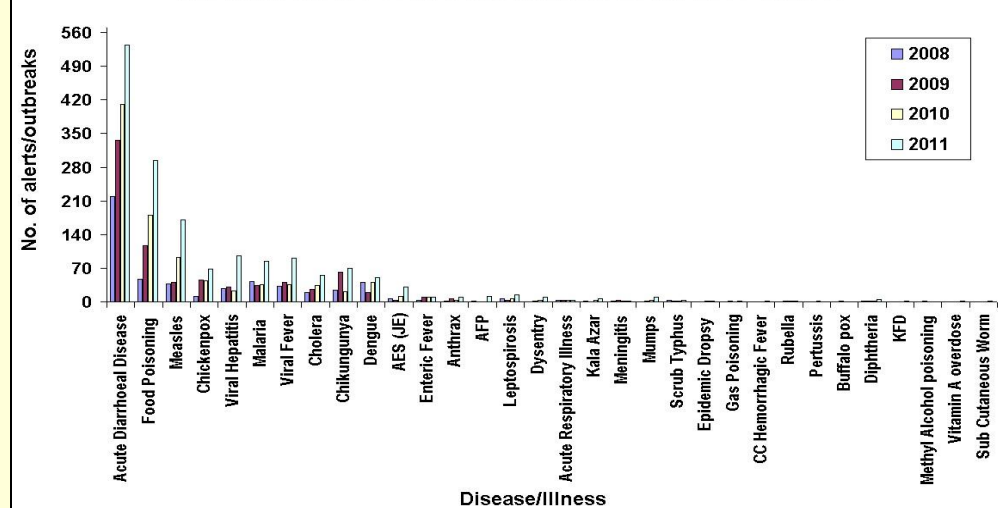
District wise disease alerts/outbreaks reported in the 50th week, 2011



Disease alerts/outbreaks reported during this week (n= 33)



Comparison of cumulative no. of disease alerts/outbreaks reported till the 50th week of 2008, 2009, 2010 & 2011



REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	25
No. of States/ UTs submitted "NIL" outbreak report	10

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	Vishakhapatnam	i Chikungunya	12 / 0	14.12.11	17.12.11	Under surveillance	Cases reported from Village Chepalapalem, PHC Kanithi, Block Pedaganyada Mandal. District RRT visited the affected area and treatment of patients done symptomatically. Out of 12 serum samples 3 tested positive for Chikungunya (IgM ELISA). Active search done for new cases in the affected area. IEC activities undertaken regarding personal protection.
2.	Assam	Karimganj	ii Measles	6 / 0	09.12.11	12.12.11	Under surveillance	Cases of fever with rash reported from Village Nuputilla Fakwa Nayanabin, BPHC R.K.Nagar, MPHC Chargola. District RRT visited the affected area and investigated the outbreak. Treatment of cases done symptomatically. Affected children are in the age group of 2-8 years. Vitamin A given to cases. IEC activities undertaken regarding isolation and early treatment of cases.
3.	Bihar	Begusarai	iii Chicken Pox	12 / 0	05.12.11	16.12.11	Under surveillance	Cases reported from PHC Gadhpora, District RRT visited the affected area. Treatment of cases done symptomatically. Health education given regarding isolation of cases.
4.	Gujarat	Surat	iv Acute Diarrhoeal Disease	40 / 0	08.12.11	13.12.11	Under control	Outbreak reported from Valmiki Viddhyalai, Valthangam, SC Kadodara, PHC Valan, Block Kamrej due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Leakage was found in water pipeline which may be cause of water contamination. Treatment of cases done symptomatically. 3 stool samples taken and send to Medical College, Surat; results are awaited. Chlorination of all drinking water sources done. IEC activities undertaken regarding safe drinking water.
5.	Haryana	Ambala	v Acute Diarrhoeal Disease	49 / 0	13.12.11	16.12.11	Under control	Outbreak reported from Narayan Garh, Ward no. 6,7,9,10,13 due to consumption of contaminated and dirty water. District RRT visited the affected area and investigated the outbreak. PHED authorities informed to repair leakages in water pipelines and for disinfection of water supply. ORS packets and chlorine tablets distributed. Health education given regarding hygiene and sanitation.
6.	Jharkhand	Saraikela Kharsawan	vi Acute Diarrhoeal Disease	62 / 0	11.12.11	12.12.11	Under surveillance	Cases with symptoms of loose motion and vomiting reported from Bal Vikas Sansthan, Kasturba Gandhi Valika Vidyalaya, Block Saraikella due to consumption of contaminated water. Out of 12 rectal swab sample taken for culture, one found positive for cholera at NICED, Kolkata, further results awaited. Safe drinking water supplied to the area. Chlorination of water sources done. Health education given regarding hygiene, sanitation 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
	Jharkhand	West Singhbhum	vii Malaria	99 / 0	11.12.11	14.12.11	Under surveillance	Outbreak of fever with headache, backache, chills and rigor reported from Village Burujol, Block Sadar Chaibasa. Block health team visited the affected area and active house to house search for fever cases done. Medical team deployed for treatment of patients locally. All cases treated symptomatically. Out of 63 blood samples collected, 32 tested positive for <i>P. falciparum</i> and 4 positive for <i>P. vivax</i> . Health education given regarding breeding of mosquitoes, mode of transmission and personal protection measures.
			viii Chicken Pox	28 / 0	11.12.11	16.12.11	Under surveillance	Cases of fever with maculopapular rash and vesicles reported from Village Bukasai Tola Sannanda, HSC Bara Nanda, Block Jagannathpur. Block health team visited the affected area and investigated the outbreak. IEC activities undertaken regarding isolation and early treatment of cases.
7.	Karnataka	Belgaum	ix Acute Diarrhoeal Disease	10 / 0	08.12.11	12.12.11	Under control	Cases of loose motion and vomiting reported from Village Atwada, PHC Uchagaon, Taluk Belgaum due to consumption of contaminated water. District RRT visited the affected area. Patients treated at PHC Uchagaon. Chlorination of water sources done. Health education given regarding safe drinking water.
8.	Kerala	Mallapuram	x Food Poisoning	47 / 0	13.12.11	14.12.11	Under control	Cases with fever, nausea, loose motion and abdominal pain reported from Village/PHC/Block Wandoor. Seriously ill cases hospitalized for treatment. Food samples not available for lab analysis. Health education given regarding food sanitation.
		Kollam	xi Mumps	10 / 0	13.12.11	13.12.11	Under control	Cases with fever and swelling in upper neck, clinically diagnosed as mumps reported from Village Thingalkarikkam, Subcentre Cherukara, PHC Kulathupuzha, Block Anchal. Active surveillance done by district RRT to find new cases. All cases were children. Cases treated symptomatically. IEC activities undertaken regarding isolation and early treatment of cases.
9.	Maharashtra	Raigad	xii Dengue	47 / 1	07.12.11	16.12.11	Under surveillance	Outbreak of fever reported from Village Wave, PHC Revadanda, Block Alibaug. District RRT visited the affected area and investigated the outbreak. 8 blood samples sent to JJ hospital for testing for Leptospirosis and Dengue; result awaited. Serum sample of dead person was lab confirmed as Dengue positive. Fever survey done. Fogging activities and source reduction measures undertaken in affected village. IEC activities undertaken regarding personal protection measures.
			xiii Acute Diarrhoeal Disease	27 / 0	04.12.11	16.12.11	Under surveillance	Outbreak reported from Village Bildoli, PHC Neral, Block Karjat. RRT visited and investigated the outbreak. 4 water samples and 2 stool samples sent to DPHL, Raigad; result awaited. Active survey done to find new cases. Chlorination of water sources done. 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
	Maharashtra	Nashik	xiv Dengue	06 / 1	09.12.11	13.12.11	Under control	Cases reported from Lasalgaon, PHC Nimgaon Wakda, Taluka Niphad. District RRT investigated the outbreak and conducted intensive house-to-house survey for possible breeding places of mosquitoes. 70 blood slides collected, which tested negative for malaria. 5 blood samples collected and 1 tested positive for Dengue. Mosquito control activities initiated. IEC activities undertaken regarding personal protection.
10.	Punjab	Gurdaspur	xv Viral Hepatitis	24 / 0	17.12.11	18.12.11	Under surveillance	Cases reported from Preet Nagar, Gandhi Mohalla, Chur Singh Dian Pailaan of Pathankot. District RRT visited the affected area. Serum samples taken which tested negative for Hepatitis B. Serum samples sent for Hepatitis A & E for which results are awaited. IEC activities undertaken regarding safe drinking water.
11.	Tamil Nadu	Dindigul	xvi Acute Diarrhoeal Disease	15 / 0	12.12.11	18.12.11	Under surveillance	Cases reported from Muthalapuram Colony, Muthalapuram, PHC Mattaparai, Block Nilakottai possibly due to consumption of contaminated water. District RRT investigated the outbreak and conducted house to house survey along with treatment of cases. 2 stool samples sent to MMC, Madurai; result awaited. 2 water samples sent to TWAD; of which 1 water sample tested positive for cholera. Disinfection of water through proper chlorination done. Health education given regarding hygiene and sanitation.
		Cuddalore	xvii Chikungunya	33 / 0	14.12.11	14.12.11	Under control	Cases reported from village Bethanayakkankuppam, PHC Theerthanagiri. District RRT investigated the outbreak. 31 blood smears taken, which tested negative for malaria. Out of 5 serum samples sent to SE, ZET, Cuddalore, 1 sample tested positive for Chikungunya. Source reduction measures initiated. IEC activities given regarding personal protection.
		Thanjavur	xviii Acute Diarrhoeal Disease	32 / 0	18.12.11	18.12.11	Under control	Cases reported from village Ayasampatti, HSC Vallampudur, PHC Alakudi possibly due to consumption of contaminated river water. Stool samples and water samples collected and sent to Microbiology Lab, Thanjavur Medical College, tested negative for cholera. 1 stool sample found positive for coliforms. District RRT investigated the outbreak and arranged for medical team to treat affected patients. Disinfection of water through proper chlorination done. Health education given regarding hygiene and sanitation.
		Tiruvannamalai	xix Chikungunya?	09 / 0	18.12.11	18.12.11	Under surveillance	Cases with fever, chills, body ache, headache, joint pain and joint swelling reported from village Vinayakapuram, HSC Melchettipattu, PHC Meyyur. District RRT and PHC team investigated the outbreak. Blood smears collected from all patients tested negative for malaria. Serum samples collected for serological test; result awaited. IEC and health education given.
12.	Uttar Pradesh	Shravasti	xx Food Poisoning	74 / 0	06.12.11	14.12.11	Under Control	Cases of loose motion and vomiting reported from Village Sirsia, CHC Berthakala due to consumption of contaminated food. District RRT and Block health team visited affected area and investigated outbreak. IEC activities undertaken regarding safe 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
13.	West Bengal	Bankura	xxi Measles	34 / 0	09.12.11	10.12.11	Under surveillance	Cases with fever and rash, clinically diagnosed as measles reported from Village Chawkpahari, SC Asurali, GP Moynapur, Block Joypur. District RRT along with Block health team and NPSP Unit, Bankura visited the affected area and investigated the outbreak. 5 blood samples collected and sent to Institute of Serology, Kolkata; result awaited. Cases treated symptomatically. IEC activities undertaken regarding isolation of cases.

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.	Arunachal Pradesh	East Kameng	xxii Measles	81 / 0	12.11.11	Under control	Outbreak reported from Type-1 Seppa, ALC Colony, Sangh-am Coplony, Boso colony, Shantipur, Police colony, Bazaar line, New Seppa under East Kameng district. District RRT visited affected areas and investigated the outbreak. Serum samples sent to RMRC, Dibrugarh for lab investigation.
2.	Gujarat	Rajkot	xxiii Acute Diarrhoeal Disease	231 / 0	22.11.11	Under control	Outbreak reported from Village/PHC Bhadli, Block Jasdan. District RRT visited the affected area and investigated the outbreak. Cases are in the age group of 15 - 50 years. Females are more affected than males. Treatment of cases done symptomatically. 3 stool samples sent to Rajkot, which tested positive for E. coli, and negative for Cholera on culture. Chlorination of water done and pipeline leakage repaired. IEC activities undertaken regarding safe drinking water.
			xxiv Acute Diarrhoeal Disease	29 / 0	02.12.11	Under surveillance	Outbreak reported from Village Kasiyagala, PHC Lunsar, Block Wankaner. District RRT visited the affected area and investigated the outbreak. Treatment of cases done symptomatically. Active search of cases done in the affected area. IEC activities undertaken regarding safe drinking water and food habits.
3.	Kerala	Kannur	xxv Viral Hepatitis	22 / 0	22.09.11	Under surveillance	Outbreak reported from Village/ PHC/ Block Peringome. District RRT visited and investigated the outbreak. Serum bilirubin increased in all cases. Serum samples of 2 cases sent for viral serology test; result awaited. Health education given regarding sanitation and hygienic practices. Chlorination of water sources done. IEC activities intensified.
		Kottayam	xxvi Viral Hepatitis-A	5 / 0	23.11.11	Under surveillance	Cases in the age-group of 2-35 years with symptoms of fever, jaundice and vomiting reported from Village Ward-IV, PHC Panachikadu, Block Pallom. District RRT visited the affected area and investigated the outbreak. All tested positive for Anti HAV (IgM) PHC level team investigated the outbreak. Super chlorination of water sources done on alternate days. IEC activities undertaken regarding boiling water for drinking, hand washing with soap and water, etc.

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
4.	Maharashtra	Ahmednagar	xxvii Dengue	09 / 0	23.11.11	Under control	Cases reported from village Panoli, PHC Palve, Block Parner. Serum samples tested positive (IgM ELISA) at KEM Hospital, Pune. Mass fever survey and entomological surveillance done. Fogging activities and source reduction measures undertaken in affected village. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
		Nashik	xxviii Chikungunya	17 / 0	21.11.11	Under surveillance	Cases reported from Village Bramhangaon, PHC Nimgaon, Block Niphad. District RRT investigated the outbreak and conducted intensive house-to-house survey for possible breeding places of mosquitoes. 17 blood slides collected found negative for malaria. 5 blood samples collected and sent to NIV, Pune found positive for Chikungunya (IgM antibodies ELISA). Application of Abate and fogging activities undertaken. IEC activities given regarding personal protection.
			xxix Food Poisoning	14 / 0	15.11.11	Under control	Cases with abdominal pain, nausea and vomiting reported from Zila Parishad Primary School, Panhalsathe, PHC Nagarsul, Block Yevla due to consumption of contaminated food (Khichdi). District RRT investigated the outbreak. 1 food sample and 1 vomitus sample sent to FDA lab, Pune; results awaited. Cases treated at RH Nagarsul. IEC activities given regarding food hygiene.
			xxx Food Poisoning	39 / 0	19.11.11	Under control	Cases reported from Village Saykheda, SC Saykheda, PHC Chandori, Block Niphad possibly due to consumption of rotten cabbage. Patients reported symptoms of giddiness, mild abdominal pain, nausea and vomiting. District RRT investigated the outbreak. Food sample sent to SPHL, Pune for lab investigation; results awaited. Cases treated on out-patient basis in PHC Chandori. IEC regarding food hygiene and preparation of food given.
		Thane	xxxi Malaria / Leptospirosis	124 / 0	16.11.11	Under surveillance	Outbreak reported from Village Gotsai, PHC Dahgaon, Block Kalyan. District RRT visited the affected area and investigated the outbreak. 3 blood slides of fever cases tested positive for <i>Plasmodium vivax</i> . Out of 15 blood samples sent for further testing to JJ Hospital, Mumbai and BJ Medical College, Pune, 4 samples tested positive for Leptospirosis (IgM ELISA). Leptospirosis control activities going on in the village and nearby villages of Kalyan Taluka.
5.	Orissa	Nayagarh	xxxii Acute Diarrhoeal Disease	45 / 0	08.10.11	Under control	Cases reported from village Sabideipur, SC Darapada, PHC Magarabandh, Block Odagaon. District RRT investigated the outbreak. Chlorination of water sources done. Active survey done to find new cases. Health education given on personal hygiene and use of ORS solution.
6.	Uttar Pradesh	Shravasti	xxxiii Measles	06 / 0	02.12.11	Under surveillance	Cases of fever with rash reported from Village Choti Murtiha, CHC Bhangha. District RRT visited the affected area. Treatment of cases done symptomatically. Affected children are in the age group of 1 -7 years. IEC activities undertaken regarding isolation of cases.

FOLLOW-UP OUTBREAKS OF PREVIOUS WEEKS

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.	Haryana	Gurgaon	Acute Diarrhoeal Disease	109 / 0	03.12.11	Under surveillance	Clustering of diarrhea cases reported from Village Prem Puri, Sector-32, Jharsa, and Wazirabad, CHC FarukhNagar, Gurgaon due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. 4 water samples sent for lab analysis to General Hospital, Gurgaon found unfit for drinking. Out of 5 stool samples sent to NCDC, New Delhi for lab investigation, one sample found positive for Shigella and one for <i>Vibrio cholerae</i> . Active survey done by a team of Doctors, ANMs and Health Workers to find new cases. Municipal Corporation Gurgaon informed about the situation and advised to ensure supply of safe drinking water, proper sanitation and proper excreta-disposal. ORS packets and halogen tablets distributed in the affective area. IEC activities done in the area.
2.	Tamil Nadu	Coimbatore	Viral Fever	104 / 0	26.11.11	Under control	Cases of fever reported from Nursing Student's Hostel, Coimbatore Medical College, Coimbatore Corporation possibly. Battery of tests conducted for the blood samples collected from fever cases included Serology (IgM antibody) test for Dengue, Chikungunya and Leptospirosis, and Widal Test for Typhoid. Out of 104 blood samples sent to Microbiology Lab, CMCH, Coimbatore, 5 samples tested positive for Dengue and 2 positive for Widal test; rest result awaited. . Source reduction and fogging activities undertaken. Supportive treatment along with health education given to patients.
		Thiruvannamalai	Cholera	15 / 0	12.12.11	Under surveillance	Cases reported from Sorakulathur Harijan colony, HSC Sorakulathur, PHC Northamboondi. District RRT investigated the outbreak. Possible cause of outbreak was contamination of drinking water by leaking pipe. Out of 3 stool samples sent for culture to King Institute, Guidy, 1 sample tested positive for <i>V.cholerae (Ogawa)</i> . Chlorination of water along with repair of leaking pipeline undertaken. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
3.	West Bengal	Howrah	Measles	146 / 1	30.11.11	Under surveillance	Cases with fever and rash clinically confirmed as measles, reported from Village Machal, Hatal South, SC Gobindapur, Block Jagat Ballavpur. District RRT visited the outbreak reported. Non-immunized children mostly affected. 7 blood samples collected and sent for serological examination; result awaited. Symptomatic treatment of cases done.
		Jalpaiguri	Chikungunya	780 / 0	03.11.11	Under surveillance	Outbreak reported from Block Madarihah, SC Lankapara, Tulsipara TG, Line Mondojline leteline, Newline, Munsiline, Buddhiman line, Dula line, Baroline, Factoryline. District RRT visited the affected area and investigated the outbreak. Out of 10 serum samples sent to NBMCH, all tested negative for MP (RDK & BS) and Dengue, and one sample tested positive for Chikungunya (IgM ELISA). Active survey done to find new cases. Anti-larval measures undertaken. IEC activities undertaken regarding personal protection measures.