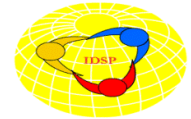
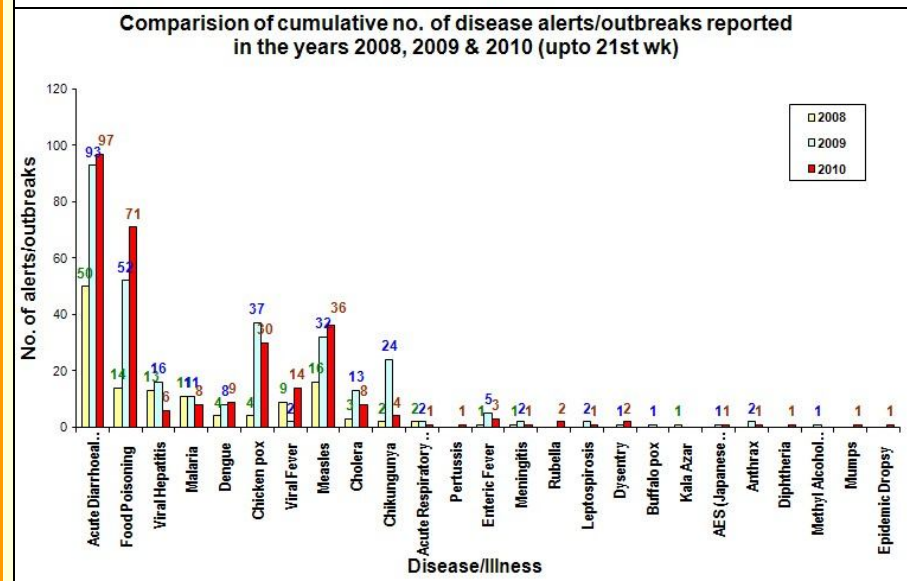
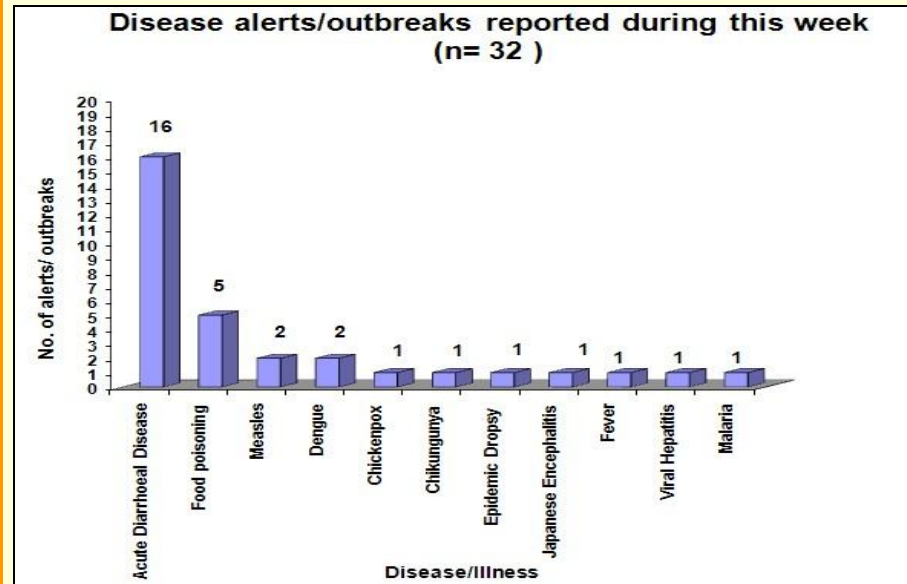
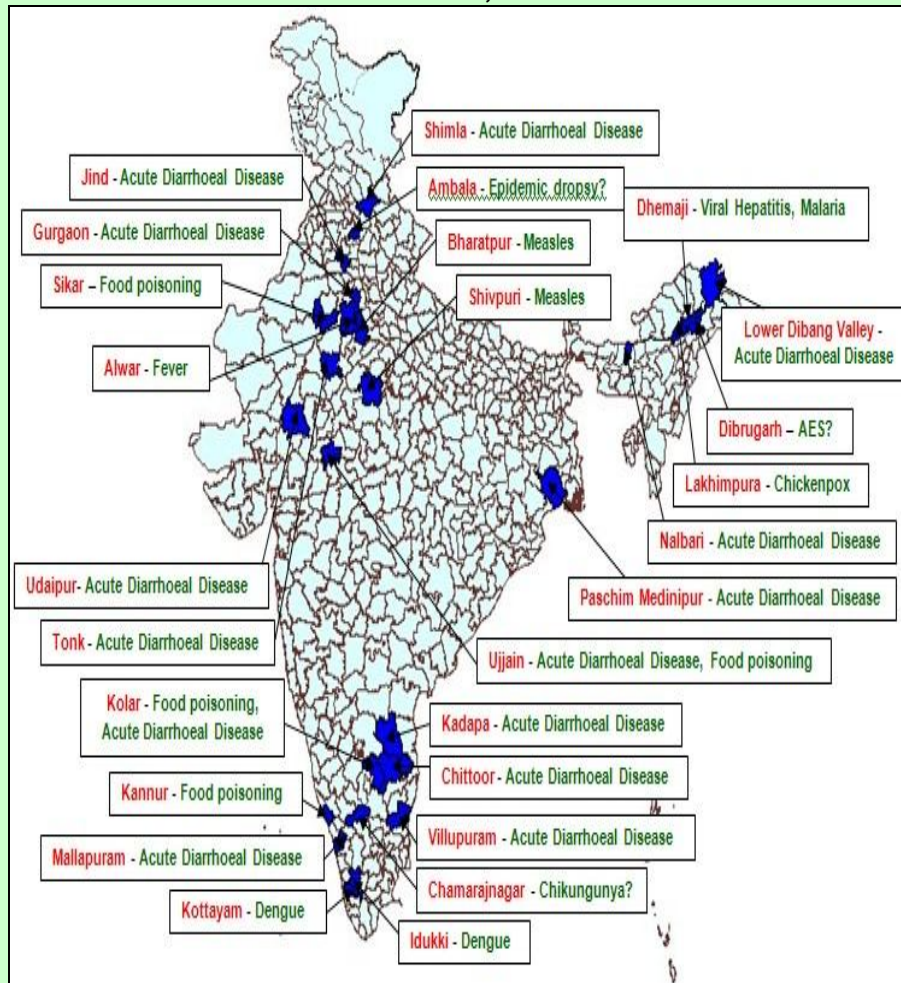




DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 21st week (ending 23rd May) 2010



District wise disease alerts/outbreaks reported in the 21st week, 2010



REPORTING STATUS OF STATES/UTs	
No. of States /UTs submitted outbreak report (including NIL report)	20
No. of States/ UTs submitted "NIL" outbreak report	9

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	Kadapa	i. Acute Diarrhoeal Disease	42 / 0	19.05.10	20.05.10	Under control	Outbreak occurred in Village Munakkayapally of PHC Akepadu, due to consumption of contaminated water of tubewell. District Rapid Response Team (RRT) along with PHC Medical Officer and paramedical staff investigated the outbreak. Chlorination of all water sources done. Chlorine tablets, anti-diarrhoeal drugs like furazolidone tablets and ORS packets distributed. Health education given to the people to use boiled water and adopt hygienic measures.
		Chittoor	ii. Acute Diarrhoeal Disease	44 / 0	19.05.10	20.05.10	Under control	Outbreak reported from Village Vepanapalle, PHC Thalapulanenivaripalli due to consumption of contaminated water of tube well. Round the clock health camp arranged. Alternative drinking water supplied through water tanker. Health education given on safe water and personal hygiene.
2.	Assam	Nalbari	iii. Acute Diarrhoeal Disease	62 / 0	17.05.10	20.05.10	Under surveillance	Outbreak occurred in Paray Chupa settlement under Morowa PHC of Kamarkuchi BPHC. District RRT investigated and found the source of infection to be contaminated water of a tube well in the village. House-to-house search done for new cases. Medical officer with paramedical staff stationed in the affected area for treatment of cases. Awareness meetings conducted on use of safe drinking water, sanitation and hygienic measures.
		Lakhimpura	iv. Chickenpox	5 / 0	20.05.10	25.05.10	Under control	Cases with fever and typical rash were clinically diagnosed as Chicken pox, from village Rowdung, sub center Rohali, PHC Nowboicha. Health camp organized in the affected area. Active case search carried out by paramedical staff. Symptomatic treatment given to the cases. Health education given regarding isolation and early treatment of cases.
3.	Himachal Pradesh	Shimla	v. Acute Diarrhoeal Disease	64 / 0	18.05.10	19.05.10	Under control	Outbreak occurred in a downhill hamlet of village and PHC Sanghani of Kihar BPHC due to consumption of contaminated water of natural stream. Block RRT immediately rushed to affected area and treated cases. Hyper chlorination of water sources undertaken. ORS packets and chlorine tablets distributed. 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
4.	Haryana	Gurgaon	vi. Acute Diarrhoeal Disease	230 / 1	19.05.10	24.05.10	Under control	Outbreak reported from Village Chauma. District RRT visited the affected area and investigated the outbreak. Water samples sent for OT test; 3 samples out of 4 found unfit for drinking. House to house survey done for new cases. Concerned authorities instructed to undertake necessary action to supply clean drinking water. All cases treated. Chlorine tablets and ORS packets distributed in the locality. Medical and paramedical staff deputed in the area round the clock. Health education given regarding safe drinking water, hygienic practices and sanitation measures.
		Ambala	vii. Epidemic dropsy?	59 / 2	19.05.10	26.05.10	Under surveillance	Dropsy-like syndrome occurred among people of village/PHC Samlehri of Saha Block, who reportedly consumed Mustard oil (probably contaminated), from a shop in the locality. State and District RRT with Medical specialists and paramedical staff and doctors from Panchkula and Karnal districts, treated cases and arranged medical camp at village. 5 severely ill cases are still admitted for treatment at Ambala Hospital; conditions of cases stable. Team from PGIMS Rohtak visited Ambala Hospital and a private hospital at Babyal to examine cases. Blood samples of 15 patients were sent for analysis to Rohtak Medical College and samples of Mustard oil, Refined oil, and milk samples from houses of cases and from local shops were collected and sent for analysis to State PH lab, Karnal; lab report awaited as on 2.6.10. Patients treated with Anti-oxidants(Vitamin A, C,E) and repeat blood samples of few patients have been sent for Serum Virology. Health education given regarding preventive measures.
		Jind	viii. Acute Diarrhoeal Disease	610 / 2	24.05.10	26.05.10	Under surveillance	Outbreak reported from Jind City due to consumption of contaminated water. District RRT investigated outbreak. Separate ward set up at Jind General Hospital for treating diarrhea cases. A control room and helpline no. (102) set up. Private practitioners instructed to intimate diarrhea cases on daily basis to DSU, IDSP. Halogen tablets and ORS packets distributed in the affected locality. Safe chlorinated water arranged in the affected area through water tankers till the defects in the water supply repaired. Municipal authorities cleaned garbage especially around the water pipeline. 41 water samples and 10 stool samples sent for lab analysis to PH Lab Karnal; result awaited. Health talks given in the affected community regarding hygiene.
		Mewat	ix. Food poisoning	37 / 0	19.05.10	21.05.10	Under control	Outbreak occurred in village/sub-center Akera, PHC Nuh, due to consumption of contaminated food in Mid-Day school meal. District RRT investigated outbreak. Food samples tested normal at Public Health Lab, Karnal. All cases treated by Medical team. Inspection of stored food grains done; found to be in good condition. All cases treated. Food sample sent for lab analysis, result awaited.

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
5.	Karnataka	Chamarajnagar	x. Chikungunya?	18 / 0	20.05.10	20.05.10	Under control	Outbreak of clinically diagnosed Chikungunya occurred in Naikara Street locality of Keggala sub center, PHC Terakanambi, Taluk Gundlupet. District RRT investigated. Cases presented with fever, headache, myalgia and joint pain. 2 blood samples sent for analysis; result awaited. On entomological survey, Aedes larval breeding sites found in 23 out of 38 sites checked. Anti-larval measures undertaken. IEC activities undertaken regarding personal protection measures.
		Chikkaballapur	xi. Acute Diarrhoeal Disease	25 / 0	20.05.10	22.05.10	Under control	Outbreak reported from Village Rayappanahalli, PHC Dibburahalli, Taluka Sidlaghatta due to consumption of contaminated water. District RRT investigated outbreak and identified pipeline leakage in vicinity of broken sewerage causing contamination of drinking water. All cases treated in PHC and in mobile clinic with ORS, IV Fluids and/or antibiotics. Panchayat officials arranged potable chlorinated water through tankers for village people. Health education given regarding sanitation measures.
		Kolar	xii. Food poisoning	14 / 0	16.05.10	18.05.10	Under control	Cases reported from villages M. Hosahalli, Byrandoddi, Doddahalhalli & Chikkahalhalli, PHC Masthi, Taluka Malur, due to consumption of contaminated stale food. District RRT investigated, treated cases at PHC and referred some to General Hospital, Malur. 4 rectal swabs and 5 water samples sent to District PH lab for analysis; results awaited. ORS Packets distributed and house-to-house survey done for new cases. Health education given on personal hygiene, adopting sanitation measures use of boiled water.
6.	Madhya Pradesh	Shivpuri	xiii. Measles	8 / 2	14.05.10	14.05.10	Under control	Cases reported from Village Zariya Khurd, SHC Marora Khals, Block Pohari. District RRT investigated; taken preventive and curative measures. Ring immunization undertaken among children of 6 months to 5 year of age groups. Prophylactic Vitamin A supplementation given. Health education given regarding isolation and early treatment of cases.
		Ujjain	xiv. Food poisoning	80 / 0	23.05.10	23.05.10	Under control	Outbreak occurred in Makbul Hall, Khana, Natiya Bakhal due to consumption of contaminated food in marriage party on the evening of 23.05.10. Cases presented with symptoms of vomiting, pain abdomen and loose motion. All cases treated. Food samples sent for analysis; result awaited.
7.	Tamil Nadu	Villupuram	xv. Acute Diarrhoeal Disease	14 / 0	21.05.10	24.05.10	Under control	Cases occurred in village Kadavampakkam, PHC Avanipur, Block Olakkur, due to consumption of supply water contaminated by leakage of pipeline. District RRT visited the affected area. Cases treated. Stool samples sent for investigation; results awaited. Disinfection of water sources and overhead tank done. New water pipeline fitted. Health education given.

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
8.	West Bengal	Paschim Medinipur	xvi. Acute Diarrhoeal Disease	14 / 0	22.05.10	25.05.10	Under surveillance	Cases reported from Ghatal Municipality (Singhpur & Kismat Ramchandrapur Ward 8 & 9). District RRT investigated; Stool samples sent in Carry Blair Media to Midnapore Medical College Hospital and water samples sent to PHE Lab; result awaited. Medical team treated cases with ORS and antibiotics. Chlorine tablets, ORS packets and bleaching powder distributed among affected population. Health education given on use of boiled water. Disinfection of water sources done.
			xvii. Acute Diarrhoeal Disease	18 / 0	15.05.10	21.05.10	Under control	Cases reported from village Fagudih, Sub Center Sargo, Block/BPHC Barabazaar. Block Health team visited the affected area and investigated. 4 samples of well water found not suitable for drinking. ORS depot set up at the home of the ANM of the sub center. Disinfection of water sources done. IEC activities undertaken.

DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE

Sr. 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	Dhemaji	xviii. Viral Hepatitis	35 / 2	12.05.10	Under surveillance	Cases reported from Village Amguri Dambuk, Sub Centre Mechaki Tongani, PHC Sissiborgaon, BPHC Sissiborgaon. District RRT visited the affected area and investigated the outbreak. Medical camp organized in affected area. Active case search done. 8 serum samples collected for serological test at Dhemaji Civil Hospital; all the samples tested negative for Hepatitis B&C, result of ELISA test for Hepatitis A awaited. Blood samples tested negative for Malaria parasite. 4 water samples collected in H2S strip test for fecal contamination; result awaited. Two water samples collected for MPN test. IEC activities undertaken regarding safe drinking water and sanitation measures.
			xix. Malaria	257 / 0	10.05.10	Under surveillance	Outbreak reported from Borkok Tika, Tengralanso are under Boithalangso BPHC. DMO visited the affected area. Mass fever survey and blood slide collection done. 257 blood samples tested at Boithalangso PHC Lab; 44 of these tested positive for P. falciparum. Focal DDT spray done in the affected area. ITBN distributed. IEC activities undertaken.
		Dibrugarh	xx. AES?	3 / 2	05.05.10	Under surveillance	Cases of fever reported from Village Phatikachua, Burikhowang, Sub Center Bamun Bar, Duliabam T.E under Khowang BPHC and Dibrugarh Urban, Paltan Bazaar under Barbaruah BPHC. 3 samples each of CSF and serum collected from cases and sent to Microbiology deptt., AMCH, Dibrugarh; result is two samples negative for JE; one result is awaited. Active search being done in the affected area. Focal DDT spray done in the affected area. ITBN distributed. IEC activities undertaken.
2.	Arunachal Pradesh	Lower Dibang Valley	xxi. Acute Diarrhoeal Disease	65 / 0	05.05.10	Under control	Outbreak reported from Village Poblung, Damku CHC due to consumption of contaminated water. Medical team reached with medicines by helicopter on 24.05.10. Twelve people hospitalized and rest treated locally. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
3.	Kerala	Kottayam	xxii. Dengue	8 / 0	03.05.10	Under surveillance	Cases reported from CHC Edamaruku, Thalanadu. District level RRT team investigated the outbreak. Cases presented with high fever, rash, malaise and thrombocytopenia. Sera samples of cases with history of fever of less than 5 days duration, were collected for viral studies at ICMR Field Research Centre, Kottayam. 5 samples taken for RTPCR for Dengue Virus; out of which 3 samples are positive for Dengue. Fever survey conducted. Source reduction activities done. Fogging done. Special Medical camp conducted at Panchayat Office, Thalanadu. Health awareness classes at ward level. Notice given to owners of Rubber plantation, insisting that they should make sure their employees are keeping the latex collecting pots upside down after emptying latex from the pot.
		Idukki	xxiii. Dengue	10 / 0	14.05.10	Under control	Cases reported from few wards of Karimkumman, Kumaramangalam, Alakode, Elamdesam, Thattakuzha, Purapuzha Panchayats. IgM ELISA test done. Spraying and fogging activities done. Health awareness classes at ward level. Special Medical camp conducted.

DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE

Sr. No	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Current Status	Comments/ Action taken
	Kerala	Kannur	xxiv. Food poisoning	48 / 0	13.05.10	Under control	Outbreak reported from Kovvappuram, Sub Centre Thekkumbad, PHC Kunhimangalam, Kunhimangalam panchayath, BCHC Payangadi. All infected persons had food and soft drinks at a marriage function at Kovapuram on 13/05/10. Infected persons complained of severe abnormal pain and vomiting. Most cases were in the age group of 5-14yrs. District RRT investigated the affected area. Food and water samples sent to Regional lab, Kozhikode, for analysis. ORS packet distributed among affected people. Health education given regarding food hygiene and sanitation.
		Mallapuram	xxv. Acute Diarrhoeal Disease	28 / 0	13.05.10	Under surveillance	Outbreak reported from Chembayil Sub center Colony, Ramankuthu, Nilambur due to consumption of contaminated water from public well. Water samples taken for lab test. Chlorination of water sources done. House to house search done. Health education given.
4.	Madhya Pradesh	Ujjain	xxvi. Acute Diarrhoeal Disease	26 / 0	11.05.10	Under control	Outbreak reported from Village Lasudiya, Block Bhatpachlana due to consumption of contaminated water. Sample of water sent; result awaited. Chlorine tablets distributed in village. IEC activities done in village for safe drinking water.
5.	Rajasthan	Sikar	xxvii. Food poisoning	64 / 0	09.05.10	Under control	Outbreak reported from Danta (48 cases) and Bhadhadar (16 cases) due to consumption of contaminated food in dinner at marriage occasion. Nine samples of food item taken and sent to lab for analysis; result awaited. All patients discharged after treatment.
		Bharatpur	xxviii. Measles	9 / 1	10.05.10	Under control	Cases reported from Village Jharkai, Tahsil Nadwal due to weak IEC and immunization. Block level RRT visited the affected area. Ring survey conducted in affected village. Vitamin-A solution given to children between 1-12 yrs of age and 17 children immunized with measles vaccine. One death occurred due to post- measles bronchopneumonia. Health education given to the villagers.
		Alwar	xxix. Viral fever	65 / 0	23.04.10	Under control	Outbreak reported from Butoli (Laxmangarh). District RRT visited the affected area, active surveillance and treatment done. Slide for MP taken 9; all found negative after testing. Health education given.
		Tonk	xxx. Acute Diarrhoeal Disease	13 / 0	11.05.10	Under control	Cases reported from Village Vijay Govindpura (Meena ki Dhani) Lalwadi PHC Jhilay due to consumption of contaminated water. District RRT visited the affected area. Water samples taken from water sources in Village; lab result is awaited. Active surveillance done. Disinfection of water sources done. Health education given.
			xxxi. Acute Diarrhoeal Disease	87 / 0	11.05.10	Under control	Cases reported from Village Bairwa ka Mohalla in PHC Siras due to consumption of contaminated water. District RRT visited the affected area. Water samples from PHD water tank and also food samples taken for lab analysis; result awaited. Active surveillance done. Disinfection of water sources done. Health education given.
Udaipur	xxxii. Acute Diarrhoeal Disease	46 / 0	12.05.10	Under control	Outbreak reported from Village Gujaral, Sub Center Dedmaria, CHC Kotra, Block Kotra due to consumption of contaminated water from wells. Water samples collected from wells found unfit for drinking. Alternate arrangement made for drinking water. IEC activities undertaken.		

FOLLOW-UP OF DISEASE OUTBREAKS OF PREVIOUS WEEKS

Sr. No	Name of State	Name of District	Disease/ Illness	No. of cases/deaths*	Date of start of outbreak	Current Status	Comments/ Action taken
1.	Assam	Sonitpur	Japanese Encephalitis	47/ 8	05.04.10	Under surveillance	Cases of fever occurred in Tea Estates of Balipara and Dhekaijauli BPHC. One case tested positive for JE. Active search done for new cases. Serum sample collected at Lanaklata Civil Hospital, Tezpur and sent to RMRC, Dibrugarh; result awaited. Bed nets distributed and DDT spray done. Awareness camps organized for giving health education to all villagers in the affected areas regarding personal protection measures.
2.	Kerala	Kottayam	Dengue	16 / 0	26.04.10	Under surveillance	Cases reported from CHC Erumely, Erumely Panchayat (Kalaketty area) District RRT investigated the outbreak at Erumely area. District RRT investigated the outbreak. Sera samples tested positive for Dengue by RTPCR. Sera samples of fever cases also sent for viral studies at ICMR Research Centre, Kottayam. Source reduction measures undertaken. The owners of rubber plantation advised to ensure that the latex collecting pots are kept upside down after emptying latex from the pot, to avoid breeding of mosquitoes. Health awareness classes conducted at ward level.
3.	Madhya Pradesh	Shajapur	Food poisoning	67/ 0	29.03.10	Under control	All cases are children from Maila Campus, Shajapur and all had history of consumption of ice-cream which was probably contaminated. Sample of suspected ice-cream sent to lab for analysis; report awaited. All affected children were treated. Health education given regarding food hygiene.
4.	Rajasthan	Dholpur	Measles	35 / 0	18.04.10	Under surveillance	Outbreak reported from Village Mangrol, Marholi, Saipau. 35 new cases were found from different area under supervision of RCHO, Dholpur. All cases were given Symptomatic treatment and vitamin -A. Health education given to villagers. Active surveillance being done in the affected as well as near by village.
5.	Tamil Nadu	Peramballur	Acute Diarrhoeal Disease	25 / 0	20.05.10	Under control	Outbreak occurred in village Palayapadi, sub centre Thirumalapadi, PHC/Block Thirumanur, due to use of supply water contaminated by pipeline leakage. District RRT investigated. 5 water samples and 3 stool samples sent to KAVP Medical College, Trichy for analysis; results awaited. Pipeline Leakages repaired. Disinfection of water sources including overhead tanks done. Health education given to adopt sanitary measures.
6.	West Bengal	Howrah	Cholera	90 / 3	10.05.10	Under surveillance	Outbreak occurred in a residential colony for mentally challenged women 'Chironabin' in Parbaksi Village, Kashmuli PHC, Amta BPHC. State and District RRT visited the affected area. Some case-patients were treated at Bagnan Rural Hospital, and some were referred to Uluberia SDH and ID Hospital, Belegkata. All cases were given rehydration therapy and other supportive treatment. Samples of stool, vomitus, food and water have been collected and sent to STM and NICED, Kolkata. Both NICED and STM have confirmed <i>Vibrio cholera (Ogawa)</i> from stool samples. 3 water samples found contaminated with E.Coli. Disinfection of water sources done and ORS packets distributed among households. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.

* No. of cases/deaths reported this week.