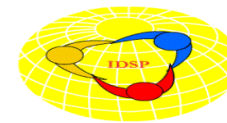
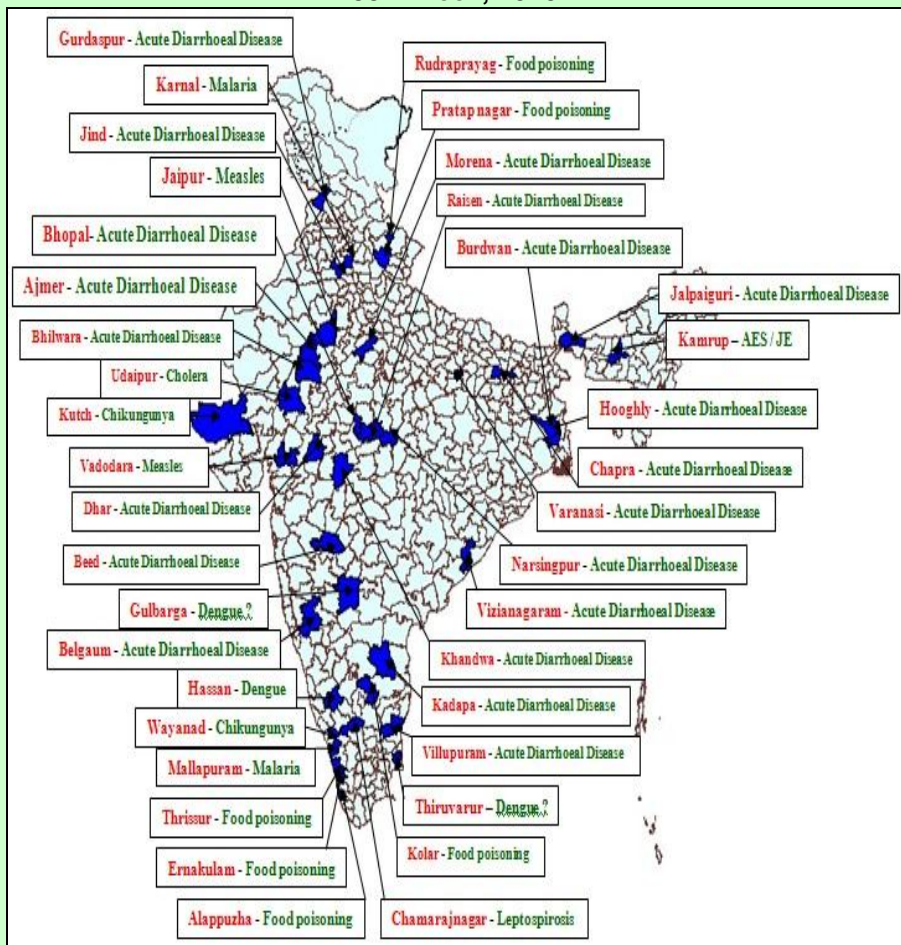




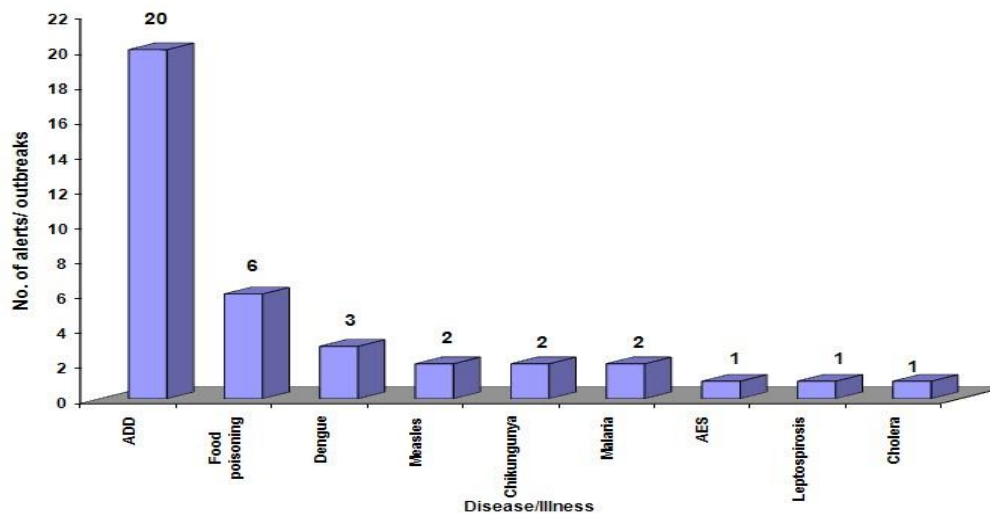
DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 33rd week (ending 15th August) 2010



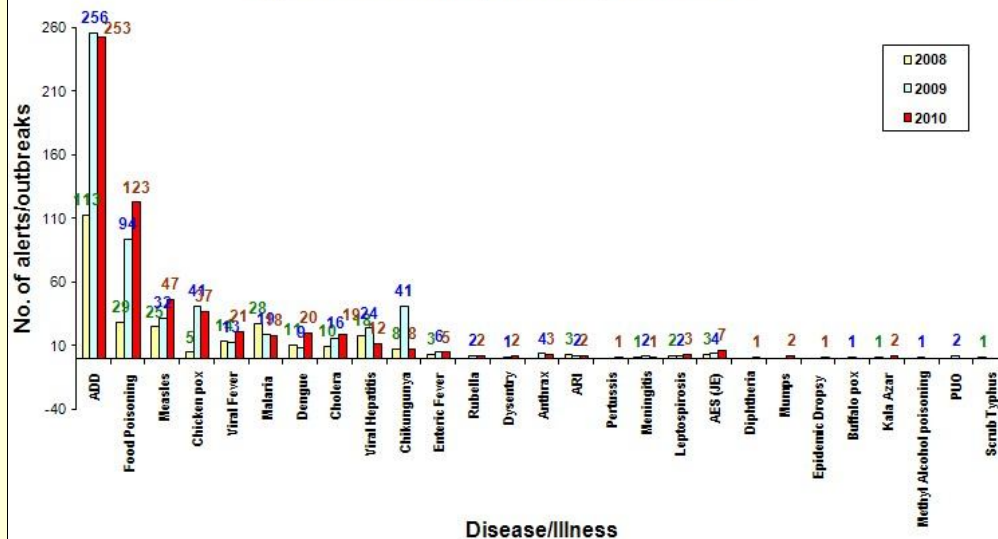
District wise disease alerts/outbreaks reported in the 33rd week, 2010



Disease alerts/outbreaks reported during this week (n= 38)



Comparison of cumulative no. of disease alerts/outbreaks reported upto 33rd wk in the years 2008, 2009 & 2010



REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	22
No. of States/ UTs submitted "NIL" outbreak report	8

Sr. 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	53 / 0	26.07.10	27.07.10	Under control	Cases reported from neighboring areas of Saladimalapally village, Galiveedu SC, Galiveedu PHC; Vijayanagaram village, Alladupally SC, Chapadu PHC and Venkatreddypadu AW, Kandriga SC, Rly Kodur PHC due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. All control measures undertaken. Chlorine tablets, Furazolidone tablets and ORS packets distributed. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Vizianagaram	ii. Acute Diarrhoeal Disease	25 / 0	02.08.10	03.08.10	Under control	Cases occurred in Tribal area due to unhygienic conditions. Water samples sent to Vishakhapatnam PH Lab; results awaited. General sanitation improved, drinking water sources chlorinated. Awareness created among people regarding hygiene and sanitation.
2.	Assam	Kamrup	iii. AES (Japanese Encephalitis)	1 / 1	18.07.10	06.08.10	Under surveillance	Case reported from Village/ Subcenter Mahimari under Chhaygaon PHC. Sera samples tested IgM ELISA positive for JE at Microbiology Department, GMCH. Insecticide treated bed nets (ITBN) distributed. Health education given to the community regarding personal protection measures.
3.	Gujarat	Kutch	iv. Chikungunya	175 / 0	06.08.10	10.08.10	Under surveillance	Cases with joint pain and fever reported from Mandvi City (Salaya Area), CHC/Block Mandvi. Out of six sera samples collected, two found positive for Chikungunya at BJMC Ahmedabad. House to house survey done for fever cases and larval breeding sites. High larval indices found: House Index=10 (high); Breteau Index =16.1 (high); Container Index =3.9 (high). Other surrounding areas of Mandvi city were searched for fever cases. Fogging operation carried out and IEC activities done.
		Vadodara	v. Measles	5 / 0	10.08.10	12.08.10	Under surveillance	Cases of fever, conjunctivitis and rash, clinically diagnosed as Measles, in the age-group of 5–11 yrs reported from Village Tanakhala, subcentre Rampura, PHC Bahadarpur, Block Sankheda. Five sera samples taken for lab test; result awaited. Active surveillance done. Vitamin -A given to suspected cases and symptomatic treatment given to all cases. IEC activities carried out.
4.	Haryana	Jind	vi. Acute Diarrhoeal Disease	120 / 0	09.08.10	13.08.10	Under control	Outbreak reported from Village Karsola, Hathwala, CHC Jhullana due to leakages in water pipeline. District RRT visited and investigated the affected area. 37 water samples sent for lab analysis; result awaited. House to house survey conducted by Medical and Paramedical teams. All patients treated. Halogen tablets and ORS packets distributed in the locality. Health talk given to the community. People asked to use boiled water for drinking.
		Karnal	vii. Malaria	142 / 0	31.07.10	09.08.10	Under surveillance	Outbreak reported from Village Halwana, Dera Sildigar, Sub center Kalsora, PHC Khukhani. District RRT under the supervision of DMO/DSO visited the area. Mass fever survey done in the area. Out of 230 blood slides collected, 22 found positive for <i>P. vivax</i> . Anti-larval measures undertaken. IEC activities conducted in the area. People advised not to allow stagnation of dirty water around their houses. Sarpanch of village given instruction to maintain sanitation and prevent water logging.

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5.	Karnataka	Kolar	viii. Food poisoning	140 / 0	02.08.10	04.08.10	Under control	Outbreak reported from PHC/Taluka Kola among students of a School due to consumption of contaminated food. District RRT visited and investigated the affected area. Food sample not available for analysis. Health education given regarding hygiene and sanitation.
		Belgaum	ix. Acute Diarrhoeal Disease	43 / 0	02.08.10	03.08.10	Under control	Outbreak reported from Village/ PHC Akkol, Chikkodi due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. 4 water samples and 2 stool samples collected; lab result awaited. Active survey conducted by paramedical teams to find new cases. All cases treated. Halogen tablets distributed in the locality. Health education given regarding hygiene and sanitation.
		Hassan	x. Dengue	17 / 0	01.08.10	03.08.10	Under control	Cases reported from Village/PHC Bhuvanahalli. District RRT visited the affected area and investigated the outbreak. 3 blood samples collected and sent to sentinel laboratory; result awaited. Active case search and larval survey done in the area; larval breeding sites found. Source reduction actions undertaken. Health education given regarding personal protection measures.
		Chamarajnagar	xi. Leptospirosis	30 / 0	01.08.10	04.08.10	Under surveillance	Cases with fever and jaundice reported from villages Chikamole, Hardhanahalli, Doddamole. District RRT visited the affected area and investigated the outbreak. Three blood samples sent to NCDC branch Bangalore tested positive for Leptospirosis IgM ELISA. More fever cases found among children below 10 years. IEC activities undertaken. Health Assistants posted in the area for regular follow up.
		Gulbarga	xii. Dengue?	31 / 0	02.08.10	05.08.10	Under control	Outbreak of fever with joint pain reported from Itga Village, Saradagi PHC, Gulbarga Taluk. District RRT visited and investigated the affected area. Four sera samples collected; lab result awaited. House to house fever survey and source reduction measures taken up. IEC activities strengthened and anti-larval measures undertaken.
6.	Kerala	Wayanad	xiii. Chikungunya	13 / 0	01.07.10	15.07.10	Under surveillance	Cases of fever and arthralgia reported from Village-Meenangadi, CHC-Meenangadi. District RRT visited the area and investigated the outbreak. The Aedes larval index of the affected area found high. All affected persons are in age-group of 21-49 yrs. Out of 15 sera samples collected from different areas, 13 found positive for Chikungunya at National Institute of Virology, Alappuza. Vector survey activities, intensive source reduction measures, fogging operation and IEC/BCC activities undertaken. Officers of DHS, SSU & State NVBDCP are closely monitoring the situation.
		Ernakulam	xiv. Food poisoning	37 / 0	30.07.10	31.07.10	Under surveillance	Outbreak reported from Sree Sankara Sanskrit University Ladies Hostel Canteen, Kalady. 33 cases are under treatment at Little Flower Hospital, Angamaly. District RRT visited and investigated the affected area. All students who took breakfast from the hostel canteen complained of diarrhoea, headache and vomiting. Sample of food (Dosa and Chutney) collected for lab analysis; result awaited. Health education given regarding food hygiene.

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	Kerala	Alappuzha	xv. Food poisoning	117 / 0	06.08.10	08.08.10	Under surveillance	All cases are students of Thrikunnapuzha LPS School. They complained of vomiting after consuming food served at school. They were admitted to Vandanam Medical College Alapuzha, Harippad, CHC Thrikkunnapuzha. District RRT visited the affected area and investigated the outbreak. Food samples (prepared and raw food) sent for bacteriological test and food adulteration test at Regional Analytical Lab, Thiruvananthapuram. Water samples also sent to Microbiology lab at Medical College Alappuzha. IEC activities undertaken regarding hygienic practices and sanitation measures.
		Thrissur	xvi. Food poisoning	16 / 0	04.08.10	04.08.10	Under control	Cases reported from Village/CHC Erumapetty. Improper sanitary condition of the canteen probably caused contamination of food which led to the outbreak. District RRT conducted detailed investigation. Water and food samples as well as stool samples of patients collected; lab result awaited. Control measures included screening of food handlers, improving sanitary condition of canteen and chlorination of water sources. Health education given regarding hygiene and sanitation.
		Malappuram	xvii. Malaria	9 / 0	04.08.10	04.08.10	Under control	Cases are inmates of town mosque and employees of KR Bakery house of PHC Valanchery town; this area is dominated by migrant laborers. <i>Anopheles stephensi</i> mosquitoes were found breeding in the stored water collection in overhead tanks and terrace of buildings. Blood smears were first examined in private hospital and later confirmed at Govt. Dist. Laboratory; 9 blood samples tested positive for Malaria (3 Pv, 2 Pf and 4 mixed infections). IRS and fogging done. Daily fever surveillance done in the area by medical team. Ward sanitation committee strengthened and advised to start control measures in the unaffected areas also. High risk areas identified, fever camps conducted and IEC activities undertaken.
7.	Madhya Pradesh	Morena	xviii. Acute Diarrhoeal Disease	26 / 0	03.08.10	06.08.10	Under surveillance	Outbreak reported from Village Kuamharpura, Subcenter Sangoli, sector Kukthari approx 20 kilometer away from CHC Khadiyaha due to consumption of contaminated water. Water samples collected by PHE department for lab test; result awaited. Round the clock medical camp established at the affected village.
Khandwa		xix. Acute Diarrhoeal Disease	38 / 0	04.08.10	04.08.10	Under control	Outbreak reported from Village Khatagaon, Block Khalwa due to consumption of contaminated river water. District RRT visited the affected area and investigated the outbreak. Water samples sent for OT testing; result awaited. Active house to house survey conducted by paramedical teams to find new cases. All cases treated. Halogen tablets and ORS packets distributed in the locality. Health education given regarding hygiene and sanitation.	

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	Madhya Pradesh	Narsingpur	xx. Acute Diarrhoeal Disease	96 / 0	30.07.10	07.08.10	Under control	Outbreak reported from Village Herapur and Dongargaon, Block Dhamna due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Water samples and stool samples collected and sent for lab test; result awaited. House to house survey conducted by medical teams to find new cases. All cases treated. Halogen tablets distributed in the locality. Health education given regarding hygiene and sanitation.
		Dhar	xxi. Acute Diarrhoeal Disease	43 / 0	05.08.10	06.08.10	Under control	Outbreak reported from Village Bandhawa, Block Dharampuri due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Water samples sent for OT testing; result awaited. Halogen tablets distributed in the locality. IEC activities undertaken regarding hygienic practices and sanitation measures.
		Raisen	xxii. Acute Diarrhoeal Disease	28 / 0	02.08.10	08.08.10	Under control	Outbreak reported from Village Alampur, Block Udaipura due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Water samples sent for lab testing; result awaited. All cases treated. ORS packets distributed among the affected population. Health education given regarding hygiene and sanitation.
		Bhopal	xxiii. Acute Diarrhoeal Disease	29 / 0	31.07.10	31.07.10	Under control	Outbreak reported from Village Gadakhurd, Block Berasiya due to consumption of contaminated well water. District RRT visited the affected area and investigated the outbreak. Rectal swab samples collected and sent to Bhopal Medical College. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
8.	Maharashtra	Beed	xxiv. Acute Diarrhoeal Disease	28 / 1	01.08.10	10.08.10	Under surveillance	Outbreak reported from Ajanpur, Taluka Ambajogai due to consumption of contaminated water of borewell pump. Water samples sent for lab testing; result awaited. Halogen tablets and ORS packets distributed among the affected population. Health education given regarding hygiene and sanitation.
9.	Punjab	Gurdaspur	xxv. Acute Diarrhoeal Disease	3 / 2	10.08.10	10.08.10	Under surveillance	Cases reported from Nawan Katra, Kalanour, due to consumption of contaminated water caused by leakage in water pipeline. Active house to house survey conducted by medical and paramedical teams to find new cases. Halogen tablets and ORS packets distributed in the locality. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.

Sr. 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.	Rajasthan	Jaipur	xxvi. Measles	6 / 0	23.07.10	25.07.10	Under control	Cases of fever and rash reported from Hanspura, CHC Saipou. No travel history found. All cases are children below 10 years of age. All cases were given symptomatic treatment. Vitamin A. given to all susceptible children. Health education given to villagers regarding proper nutrition, isolation and early treatment of cases
		Udaipur	xxvii. Cholera	25 / 0	29.07.10	29.07.10	Under control	Outbreak reported from Indira Colony, Sector -14, Udaipur City due to poor sanitation and hygiene, and practice of open filed defecation. Out of 7 water samples collected, one found unsatisfactory. Out of two stool samples collected, one found positive for <i>V. cholerae</i> (<i>El Tor, Ogawa</i>). Active survey done for new cases. All cases treated with antibiotics. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Ajmer	xxviii. Acute Diarrhoeal Disease	48 / 0	05.08.10	05.08.10	Under control	Outbreak reported from Village Kanpura, PHC Tihari, Block Shrinagar due to consumption of contaminated water. 13 water samples collected; lab result awaited. Active case search done by house to house survey. Chlorination of drinking water sources and water storage tanks done. Chlorine tablets distributed among affected people. Health education given regarding hygiene and sanitation.
		Bhilwara	xxix. Acute Diarrhoeal Disease	45 / 0	03.08.10	04.08.10	Under control	Outbreak reported from Village Jagpura, Tehsil Asind due to consumption of contaminated water. District RRT visited and investigated the affected area. 8 water samples sent for lab test; result awaited. All cases treated. Medical team deployed to affected area for early treatment of cases. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
11.	Tamil Nadu	Thiruvarur	xxx. Dengue?	22 / 0	10.08.10	10.08.10	Under control	Outbreak of fever, arthralgia and myalgia reported from Village Thiruthuraipoondi, Arasaladi st, Barma Colony, PHC Alathambady. District RRT visited the affected area and investigated the outbreak. Many fever cases identified by door to door survey. Entomological survey revealed high House Index. Blood smears taken for Malaria found negative. 3 sera samples sent to IVCZ, Hosur; result awaited. Anti-larval and anti-adult measures undertaken in the area. Health education given regarding personal protection measures.
		Villupuram	xxxi. Acute Diarrhoeal Disease	14 / 0	02.08.10	04.08.10	Under surveillance	Cases reported from Village Kandhalavadi, PHC/ Block Iruvelpattu, due to consumption of contaminated water. District RRT visited and investigated the affected area. Water samples taken and sent to Tindivanam; results awaited. Chlorination of water storage tanks done. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
12.	Uttar Pradesh	Varanasi	xxxii. Acute Diarrhoeal Disease	17 / 0	27.07.10	02.08.10	Under control	Cases reported from Konia Dhobighat. Medical camp conducted, Medical officer visited the affected area. Treatment of patient done. ORS packet and chlorine tablets distributed among the affected villagers. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.

Sr. 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.	Uttarakhand	Pratap nagar	xxxiii. Food poisoning	17 / 0	04.08.10	05.08.10	Under control	Cases reported from Lawoarkha due to consumption of contaminated food at a common gathering. District RRT visited the affected area, treated cases and investigated the outbreak. Food samples not available for lab analysis. Health education given regarding food sanitation.
		Rudraprayag	xxxiv. Food poisoning	9 / 4	05.08.10	06.08.10	Under control	Cases reported from Village Darmola, Block Jakholi due to consumption of contaminated food. District RRT visited and investigated the affected area. Food samples sent to laboratory for analysis; result awaited. IEC activities undertaken regarding food hygiene.
14.	West Bengal	Chapra	xxxv. Acute Diarrhoeal Disease	24 / 1	01.08.10	02.08.10	Under surveillance	Outbreak reported from Village Brittihuda, Nadia Sador subdivision. District RRT visited the affected area and investigated the outbreak. Water samples sent for OT testing; result awaited. Halogen tablets and ORS packets distributed in the locality. Health education given regarding hygiene and sanitation.
		Hooghly	xxxvi. Acute Diarrhoeal Disease	11 / 0	01.08.10	02.08.10	Under surveillance	Cases reported from Village Makalpur, Block Polba, Dadpur. District RRT visited and investigated the affected area. 3 rectal swab samples and 10 water samples collected; lab result pending. Disinfection of water sources done. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Burdwan	xxxvii. Acute Diarrhoeal Disease	97 / 1	30.07.10	02.08.10	Under control	Outbreak reported from neighboring areas of Aswal Municipal Corporation Ward no. 35, Kalti Municipal Corporation Ward no. 20 (57 cases); Village Kadlpara, Sub Center Akalpoush, Badla BPHC, Kalna -II (22 cases/1 death); Koyra Adivasipara, Nanasole GP, under Illambazar BPHC (18 cases). District RRT visited the affected area and investigated the outbreak. Water samples of pond found unsatisfactory for human consumption. Chlorination of water sources done. ORS packets distributed and IEC activities undertaken.
		Jalpaiguri	xxxviii. Acute Diarrhoeal Disease	34 / 4	10.08.10	12.08.10	Under surveillance	Outbreak reported from Aibheel SC, Matiali Batabari -1 GP, Matiali Block, due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Water samples sent for OT testing; result awaited. Active house to house survey conducted by medical and paramedical teams to find new cases. ORS and Halogen tablets distributed in the locality. Health education given regarding hygiene and sanitation.

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.	Andhra Pradesh	Medak	Acute Diarrhoeal Disease	31 / 0	28.07.10	Under control	Cases reported from Vill Chandaipet, PHC Chegunta (13 cases) and Vill Yenagurthy, PHC Thimmapur (18 cases) due to consumption of contaminated water. Regular chlorination of water advised. Health camps conducted by Medical Officer of PHC. Health education given regarding hygiene and sanitation.
2.	Bihar	Munger	Malaria	54 / 0	12.07.10	Under control	Outbreak reported from neighboring villages of Baghail, Jatatari, Bhavikura, Fulwariya, Dariyapur, Mushari Tola, Motiyatari, under Block/PHC Haweli Kharagpur. Mosquito breeding seen in the area due to water logging in the monsoon season. Lack of awareness among the villagers about prevention and treatment of malaria could be the probable cause for the outbreak. Medical team deployed in the affected area to treat cases. Active surveillance by house to house visit done to find new fever cases. Out of 470 blood slides examined, 68 were positive for <i>P. falciparum</i> and 5 were positive for <i>P. vivax</i> . IEC activities undertaken regarding prevention of Malaria by adopting personal protection measures.
3.	Madhya Pradesh	Betul	Acute Diarrhoeal Disease	98 / 0	03.08.10	Under control	Outbreaks reported from Village Datora, Block Prabhat Pattan; Village Satkund, Block Athnair and Golai and Tawalathi (Hirapur sector), Block Ghoradongri due to consumption of contaminated water. District RRT visited and investigated the affected area. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
4.	Orissa	Sundargarh	Cutaneous Anthrax	25 / 0	13.07.10	Under control	Outbreak reported from Dokatola, Kusumtola, Baidyanathpur, Mangratola, Hatibari Block Nuagaon. All patients treated with antibiotics. Group meetings conducted and information leaflets distributed. Medical team camping in affected area to treat cases.
5.	Uttar Pradesh	Ghazipur	Acute Diarrhoeal Disease	7 / 1	22.07.10	Under surveillance	Cases reported from Hasanpura, Block Rewatipur, PHC Rewatipur. Investigation done by the district RRT. Active house to house search done. Health education given to the villagers regarding personal hygiene, consumption of fresh food, and clean drinking water. Adequate amounts of chlorine tablets, ORS packets, anti-diarrhoeal and anti-emetic drugs given to the villagers. PHC level medical team monitoring the situation in the area.
6.	West Bengal	Murshidabad	Anthrax	13 / 0	30.07.10	Under surveillance	Cases reported from Vill-Sarsabad, Modhya Para, Berhempur. GP-Madanpur. District RRT visited the affected area and investigated the cases. Out of 13 smears collected and sent to DPH Lab for investigation, 4 smears found positive for <i>Bacillus anthracis</i> . Cases treated with antibiotics. History of contact or consumption of meat of diseased buffalo found in all cases. Vaccination of cattle is being done. IEC activities undertaken regarding personal protection measures. Prompt reporting of cases has been advised.