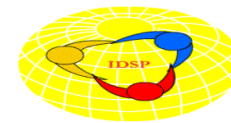
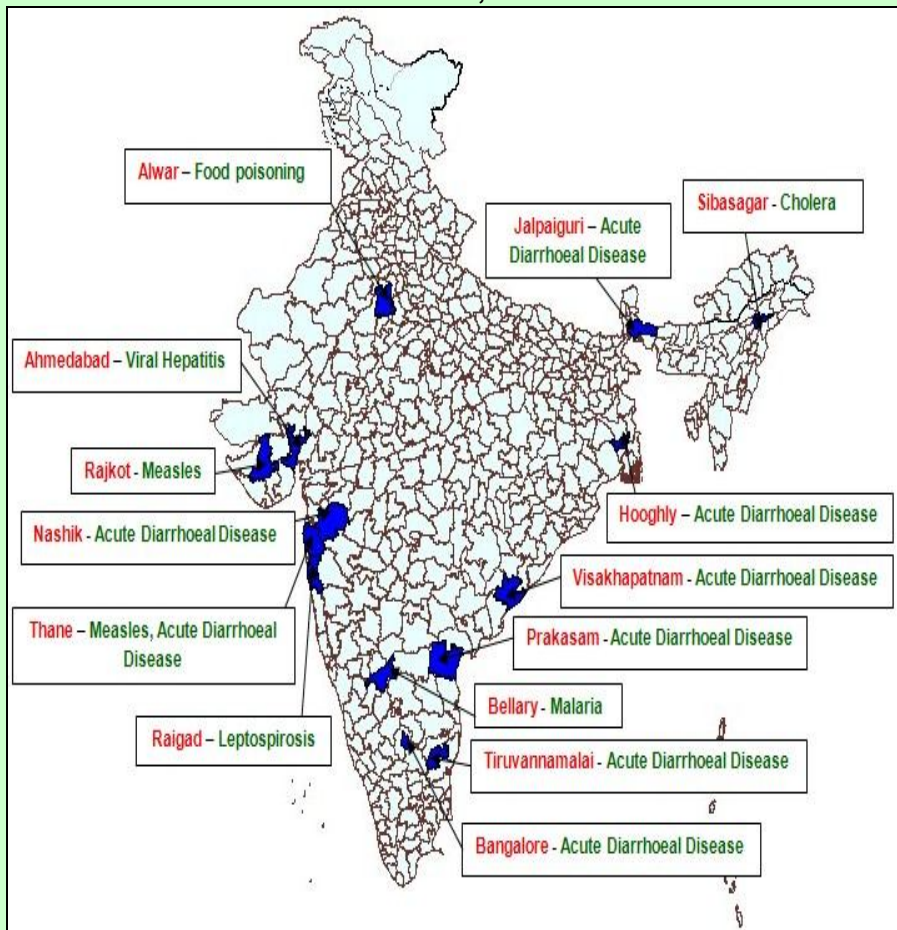




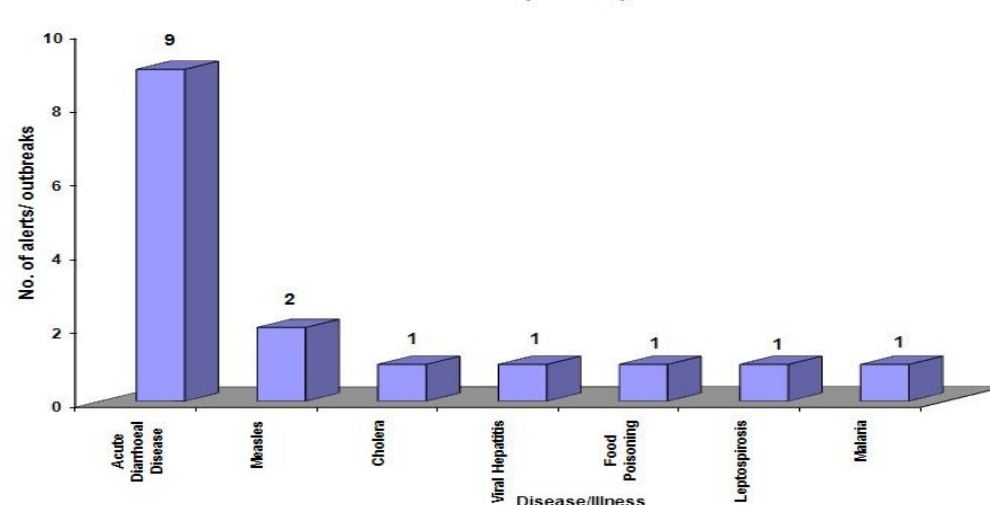
DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 44th week (ending 31st October) 2010



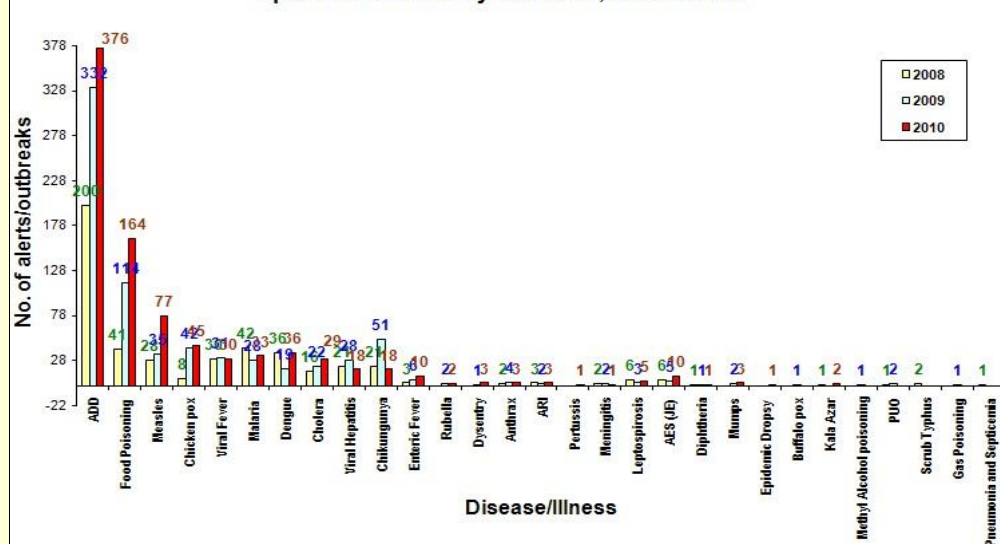
District wise disease alerts/outbreaks reported in the 44th week, 2010



Disease alerts/outbreaks reported during this week (n= 16)



Comparison of cumulative no. of disease alerts/outbreaks reported upto 44th wk in the years 2008, 2009 & 2010



REPORTING STATUS OF STATES/UTs

| | |
|--|----|
| No. of States/UTs submitted outbreak report (including NIL report) | 21 |
| No. of States/UTs submitted "NIL" outbreak report | 13 |

| 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 | Visakhapatnam | i. Acute Diarrhoeal Disease | 56 / 0 | 21.10.10 | 23.10.10 | Under control | Outbreak reported from Mulakalapalli Cement Factory premises, under Regupalem PHC of Yelamanchili Mandal due to water contamination. Base medical camp conducted by the PHC Medical Officer along with paramedical teams for round the clock services. Water samples collected and sent to the Regional Public Health Laboratory; result awaited. ORS packets distributed. The factory management instructed to take necessary measures to undertake regular chlorination and disinfection of drinking water sources and to make necessary arrangement for supplying alternate sources of safe drinking water to the workers. The factory premises kept under observation for 5 days. Health education given regarding personal hygiene, drinking of boiled water and environmental sanitation. |
| | | Prakasam | ii. Acute Diarrhoeal Disease | 22 / 0 | 26.10.10 | 27.10.10 | Under surveillance | Outbreak reported from Ballikurava, Santhamagalur, Uppumagalur, Vema Varam St Colony due to overhead tank pipeline leakages causing water contamination. Water samples collected for lab analysis; result awaited. House to house survey done, medical camp conducted in the village and all drinking water sources chlorinated. sprinkling the lime bleaching powder done in the village, health education carried out and chlorine tablets distributed. |
| 2. | Assam | Sibsagar | iii. Cholera | 13 / 1 | 22.10.10 | 25.10.10 | Under surveillance | Cases reported from Village Pakkaline and Ladaigarh line of Boarsillah Tea Estate (TE), under Galakey BPHC. District RRT visited the affected area and investigated the outbreak. Active search for new cases going on. Stool samples collected and sent to Microbiology dept. AMCH; result awaited. One water sample collected and tested by H ₂ S strip showed fecal contamination. The medical team organized awareness camp on safe drinking water, sanitation and personal hygiene. |
| 3. | Gujarat | Rajkot | iv. Acute Diarrhoeal Disease | 52 / 0 | 22.10.10 | 23.10.10 | Under surveillance | Outbreak reported from Village Bagthala, Taluka Morbi due to water contamination. Medical Officer, BHO, EMO, ECSS visited the affected area. Residual chlorine test done for 12 water samples and all found unsatisfactory. Chlorine tablets and ORS packets distributed among the affected villagers. Health education given on safe drinking water. |
| | | Ahmedabad | v. Viral Hepatitis? | 95 / 0 | 18.10.10 | 20.10.10 | Under surveillance | Outbreak of fever and jaundice reported from Nikol Ward, East Zone (45 cases) and from Ambikanagar, Chmundanagar, Shivam tenement and Shrushti Bunglow, under Chandkheda CHC (50 cases). BMHO and Medical Officer along with paramedical staff visited the affected area. Water and sera samples sent for lab testing; result awaited. Adequate chlorination of drinking water not found by residual chlorine test in the affected areas. Chlorine tablets and ORS packets distributed among the affected villagers. 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 |
|---------|------------------|------------------|--------------------------------|----------------------|---------------------------|-------------------|--------------------|--|
| 4. | Maharashtra | Nashik | vi. Acute Diarrhoeal Disease | 76 / 0 | 18.10.10 | 20.10.10 | Under surveillance | Outbreak reported from Waghera village/SC under Belgaonkurhe PHC, Igatpuri Taluk, due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. In the affected area disinfection of water is not regular and environmental hygiene is unsatisfactory. Water samples sent for lab investigation, result awaited. The team organized health camps; serious cases referred to Rural Hospital. Chlorination of water advised at household level. Daily surveillance done by paramedical staff for new cases and water quality management. |
| | | Raigad | vii. Leptospirosis | 83 / 4 | 22.10.10 | 28.10.10 | Under surveillance | Outbreak reported from Shehu, Chole, Jhotirpada areas under PHC Gadab, Taluk Pen. District RRT visited the affected area. Sera samples tested positive for IgM Leptospirosis. House to house survey done for new cases. Water disinfection done regularly. Health education given regarding prevention and control measures. |
| | | Thane | viii. Acute Diarrhoeal Disease | 38 / 0 | 22.10.10 | 27.10.10 | Under surveillance | Cases presented with signs and symptoms of watery stool, vomiting and abdominal pain from Vidhanagar village, Palu subcentre, Dhasai PHC, Murbad (19 cases) and from Mokhada Subcentre, Morhanda PHC (19 cases) probably due to consumption of contaminated water. The village is located in a valley and the source of drinking water is a bore well located on a river-bed. All cases treated at the PHC. ORS packets and chlorine tablets distributed in the locality. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures. |
| 5. | Rajasthan | Alwar | ix. Food poisoning | 20 / 0 | 22.10.10 | 22.10.10 | Under control | Cases reported from Govt. Primary School, Village Hamirpur, Pratapgarh, Thanagazi due to consumption of contaminated food. District RRT visited the affected area and investigated the outbreak. Primary treatment of the cases done at PHC Pratapgarh then referred to J.K. Loan Hospital Jaipur. All children admitted to J.K. Loan Hospital Jaipur and treated. Active survey of affected village undertaken and health education given to school children and villagers regarding food sanitation. |
| 6. | Tamil Nadu | Thiruvanamalai | x. Acute Diarrhoeal Disease | 35 / 0 | 22.10.10 | 22.10.10 | Under control | Outbreak reported from PHC Perungulathur, HSC Kalnattupudur due to contaminated water. District RRT visited the affected area and investigated the outbreak. House-to-house survey done for new cases. Water-pipeline leakages repaired and chlorination of water sources done. 22 cases treated at Thanipadi Govt. Hospital and 9 cases referred to Dist. Hospital. ORS packets distributed. Four stool samples and one water sample collected and sent to King Institute, Guindy; result awaited. Periodical chlorination of drinking water sources done and villagers advised to use boiled water for drinking purpose. |

| 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 |
|---------|------------------|------------------|-------------------------------|----------------------|---------------------------|-------------------|--------------------|---|
| 7. | West Bengal | Hooghly | xi. Acute Diarrhoeal Disease | 100 / 0 | 24.10.10 | 24.10.10 | Under surveillance | Outbreak reported from Balagarh block, Jirat GP, Mundukhola (Dharmatalla Village) probably due to consumption of contaminated water. Dist. RRT visited the affected area. Rectal swab samples and water samples taken by RRT sent to NICED; lab result pending. Active house to house survey conducted to find new cases. All cases treated. ORS packets and chlorine tablets distributed in the locality. Leakage in water pipeline repaired. Health education given regarding hygiene and sanitation. |
| | | Jalpaiguri | xii. Acute Diarrhoeal Disease | 22 / 0 | 24.10.10 | 26.10.10 | Under surveillance | Outbreak reported from Nedeem Division of Saylee TG Subcenter, GP-Rangamati, Block-Mal, Dist-Jalpaiguri due to leakage in the Pipeline water supplied by Tea Garden which is the main source of drinking water compounded by poor sanitation, open defecation and poor personal hygiene. District RRT visited the affected area and investigated the outbreak. Five water samples collected and sent to Rajganj Welfare Organization, result awaited. Close surveillance, treatment with ORS & anti-diarrhoeal drugs and IEC done. Tea Garden Management has been instructed to repair the pipeline and make alternate supply of safe drinking water. |

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. | Gujarat | Rajkot | xiii. Measles | 7 / 0 | 15.10.10 | Under surveillance | Cases reported from PHC Sanosara, Sub Center Jiyana. RCHO and team visited the affected area. 5 Serum samples collected and sent for investigation of measles. House to house surveillance done. Group discussion regarding measles done and other vaccine benefits to child done. |
| 2. | Karnataka | Bangalore | xiv. Acute Diarrhoeal Disease | 16 / 0 | 17.10.10 | Under control | Cases reported from Chiranjeevi Layout, SC Kempapura PHC Amruthahalli, Bangalore North Taluk. District RRT visited affected area, investigated outbreak and suggested control measures. Severely ill cases hospitalized at GH Yelahanka, Bowring Hospital. Water samples collected and sent for investigation to PHI; result awaited. Water sources chlorinated. ORS distributed. Health education given regarding hygiene and sanitation. |
| | | Bellary | xv. Malaria | 631 /19 | 17.10.10 | Under surveillance | Outbreak reported from neighboring villages of Bhuvana halli, Kotiginal, Dharmasagara, Gundlavadgere, Bylavadgere, Kakbal, Kariganur, Ingaligi, Bhuvanahalli, P.K.Halli and Vaddarahalli under Gadaiganur PHC of Hoskote Taluk. Outbreak investigated by the Central team along with the State /District RRT. Out of 6058 blood smear collected, 14 found positive for P. falciparum and 12 for P. vivax. 24 hours temporary Malaria clinic (hospital & lab) established at Govt School with adequate health staff, ambulance and adequate drugs. Regular house to house visit done by the Health staff to monitor the situation in affected villages. Entomological survey has been carried out. Increase in density of Anopheles mosquitoes observed in the areas. Pf cases given ACT treatment. Fogging in the villages has been undertaken by the Gram Panchayat. Among the death-cases one death has been lab confirmed. The family members of other death-cases have been tested positive for malaria. Health education given. |
| 3. | Maharashtra | Thane | xvi. Measles | 12 / 0 | 12.10.10 | Under surveillance | Cases clinically diagnosed as Measles were reported from Bondyachapada, under Mangrul subcentre, Parali PHC under Wada Block. All cases are children under 5 years with symptoms of fever, cough and rash, who have not been immunized for Measles. Active survey done in the affected village and neighboring areas for new cases for fever and rash. Symptomatic treatment given. Sera samples not sent for lab confirmation. Immunization drive for measles vaccination under 5 years and Vitamin A prophylaxis initiated in the area. Health education given regarding isolation 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. | Assam | Sonitpur | Cholera | 180 / 17 | 03.10.10 | Under surveillance | Outbreak reported from Majuligarh TE, Sakumato TE, Ghiladhan TE, Pratapgrah TE, BPHC Biswanath Chariali. District RRT visited the affected area with paramedical staff and have undertaken necessary containment measures. 6 stool samples sent to GMCH for Culture found positive for <i>Vibrio cholerae</i> . Tea Estate Management instructed to undertake proper sanitation measures and provide safe drinking water. Medical camp arranged at Majuligarh TE and Sakumata TE. Health staff deployed at the affected area. PHE dept. intimated for chlorination of drinking water sources. ORS and halogen tablets distributed in the affected area. IEC activities undertaken regarding safe drinking water and hygienic practices. |
| 2. | Jharkhand | East Singhbhum | Dengue | 35 / 0 | 18.01.10 | Under surveillance | Cases reported from Kadma, Mango, Sakchi. Sera samples of cases tested positive for Dengue IgM ELISA at Tata Memorial Hospital. 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. |
| 3. | Haryana | Gurgaon | Dengue | 586 / 12 | 19.07.10 | Under surveillance | Outbreak reported from Gurgaon Urban and CHC Farukh Nagar, Gurgaon. Out of 1385 sera samples tested, 682 found positive for MacElisa Dengue test (IgM). District RRT visited the affected area and investigated the outbreak. Paramedical staff deputed to the affected area for active surveillance. 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. |
| 4. | Madhya Pradesh | Narsingpur | Measles | 20 / 0 | 23.10.10 | Under control | Cases with Maculopapular rash, coryza and conjunctivitis reported from Rural Andiya, SHC Khamriya. District RRT visited the affected area. Vitamin-A supplementation given to all susceptible children. IEC activities undertaken regarding early treatment of cases. |
| 5. | Rajasthan | Dholpur | Dengue | 12 / 0 | 08.09.10 | Under control | Cases reported from Chaubedar mohalla, Rajauria Kalan (PHC Basai Nawab) and Khanpura (PHC Sarani Khera) under Dholpur Block. Two cases are in proximity of the case at PHC Basai Nawab. Sera samples tested positive for Dengue at SMS Hospital, Jaipur. Samples were found positive in GH Dholpur lab, SMS Hospital lab and in Agra. Anti-larval activities and focal spray done. House to house survey done. Health education given to the community. |
| 6. | West Bengal | North 24 Parganas | Viral fever | 852 / 0 | 09.09.10 | Under surveillance | Outbreak reported from Swarupnagar (middle) sub-center area, near Swarupnagar United Club. District RRT visited the affected area and investigated the outbreak. 147 blood samples sent to STM, Kolkata for lab investigation; result awaited. Medical camp setup at Swarupnagar (Middle) subcentre area to treat cases. Active house to house survey done by health staff for fever cases. IEC activities undertaken regarding hygienic practices and sanitation measures. |
| | | Nadia | Viral Fever | 37 / 0 | 20.10.10 | Under surveillance | Outbreak of fever reported from Villages Bazarpara, Omorpur, and Bairampur, Ramnagar-I, II under Hanskhali Block of Ranaghat Subdiv. (37 cases); Vill Haripukuria, GP Fatepur under Haringhata Block of Kalyani SD (30 cases); and from Vill-Betai, Uttar Jitpur under Tehatta-I Block/SD (60 cases). Block level medical teams visited the area. All cases treated symptomatically and severely ill patients hospitalized. Sera samples collected and sent to NICED, Kolkata for Chikungunya and Dengue test; lab result awaited. Health education given regarding personal protection measures. |

* Cumulative figures reported this week.