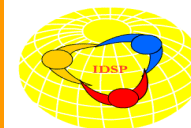


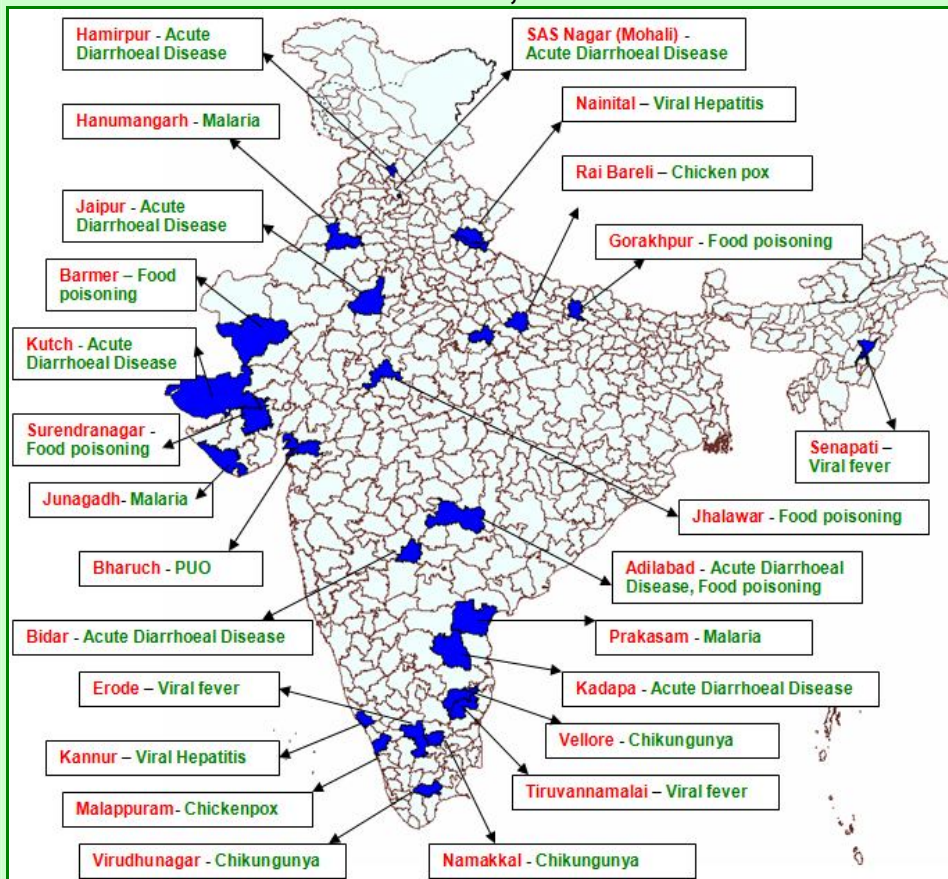


# DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

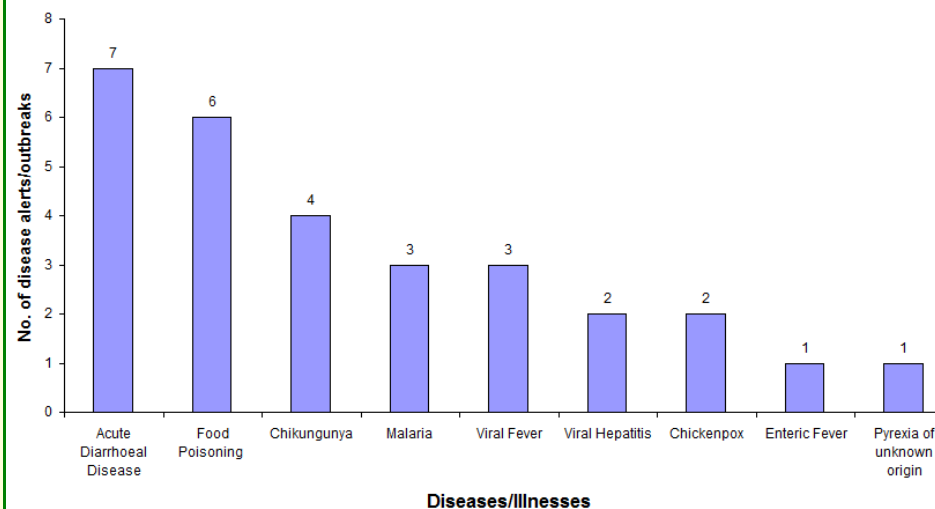
25<sup>th</sup> WEEK (ending 21st June) 2009



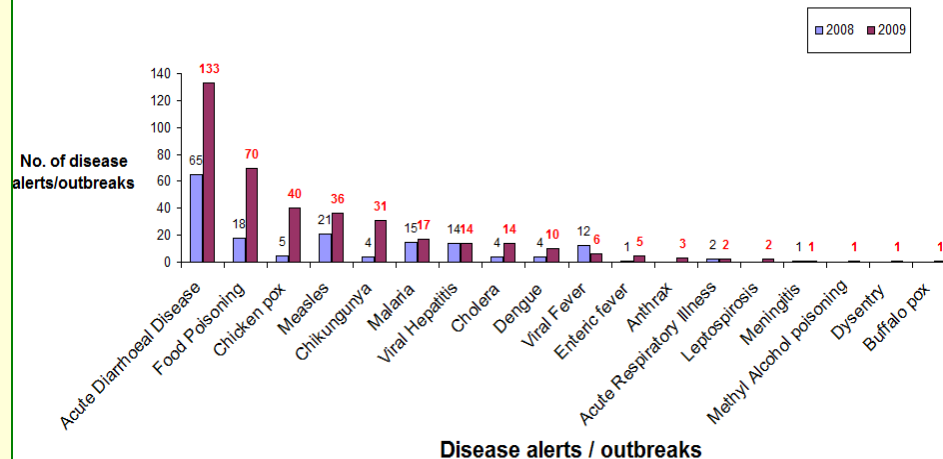
## District wise disease alerts/outbreaks reported in the 25<sup>th</sup> week, 2009



## Disease alerts/outbreak reported through IDSP during this week



## Comparison of cumulative no. of disease alerts/outbreaks from 1st wk till 25th wk of 2008 & 2009



### REPORTING STATUS OF STATES/UTs

|   |           |
|---|-----------|
| No. of States /UTs submitted outbreak report (including NIL report) | <b>19</b> |
| No. of States/ UTs submitted "NIL" outbreak report                  | <b>9</b>  |
| No. of States /UTs being followed up for the weekly reports         | <b>16</b> |

| Sr. No | Name of State/UT | Name of District | Disease/ Illness                    | No. of cases/ No. of deaths | Date of start of outbreak /EWS | Date of reporting | Current Status     | Comments/ Action taken   |
|--------|------------------|------------------|-------------------------------------|-----------------------------|--------------------------------|-------------------|--------------------|--|
| 1.     | Andhra Pradesh   | Kadapa           | i. Acute Diarrhoeal Disease         | 39 / 0                      | 19.06.09                       | 20.06.09          | Under Control      | Outbreak reported from Brahmanapalli village, Mangala village, Gopaavaram PHC due to consumption of contaminated water. The district Rapid Response Team (RRT) along with PHC medical officer and paramedical staff, visited the affected area and control measures were undertaken. Chlorination and disinfection of water sources done. Chlorine tablets and ORS packets distributed. Health education given regarding hygiene and sanitation practices. |
|        |                  | Adilabad         | ii. Acute Diarrhoeal Disease        | 33 / 0                      | 15.06.09                       | 17.06.09          | Under Control      | Outbreak reported from Sonala, PHC Sonala due to consumption of contaminated water. Medical camp conducted by medical officer to treat cases. Paramedical teams conducted door to door survey for new cases. Water samples collected for lab analysis; results awaited. Health awareness campaigns organized. Chlorination of water sources done. Leakage in pipeline repaired.  |
|        |                  |                  | iii. Food Poisoning                 | 45 / 0                      | 17.06.09                       | 18.06.09          | Under Control      | Outbreak reported from Wankidi, PHC Wankidi due to consumption of contaminated food. Health awareness camps organized on food hygiene and sanitation. Village Sarpanch advised to take up regular chlorination and disinfection of water sources and proper sanitation of village.   |
|        |                  | Parakasam        | iv. Malaria                         | 39 / 1                      | 15.06.09                       | 17.06.09          | Under Control      | Outbreak reported from Karvadi village, Ongole Rural. All cases had history of returning from pilgrimage one week before the onset of symptoms of fever and jaundice. 10 cases tested positive for <i>P.vivax</i> . Radical antimalarial treatment given. Door to door survey done for detection of new cases. Control and prevention measures taken included use of abate indoor residual spray, fogging and health education.                            |
| 2.     | Gujarat          | Junagadh         | v. Malaria                          | 31 / 0                      | 16.06.09                       | 20.06.09          | Under Surveillance | All the cases are from Shil village under Shil PHC, Mangrol Block. 343 blood slides examined, out of which 31 are positive for malaria ( <i>P.vivax</i> ). Antimalarial treatment given to all cases. Door to door survey done for new fever cases. Anti-mosquito measures like use of abate indoor residual spray and fogging done.   |
|        |                  | Bharuch          | vi. Pyrexia of unknown origin (PUO) | 10 / 0                      | 20.06.09                       | 22.06.09          | Under Surveillance | Cases reported from Jamania village, Gundia PHC, Valia block with symptoms of fever and blurred vision. All patients admitted at Civil Hospital, Bharuch and recovered. Serum samples sent to Baroda Medical College for lab investigation; result awaited. Anti-larval activities undertaken. IEC activities done.  |

| Sr. No | Name of State/UT | Name of District | Disease/ Illness               | No. of cases/ No. of deaths | Date of start of outbreak/ EWS | Date of reporting | Current Status     | Comments/ Action taken  |
|--------|------------------|------------------|--------------------------------|-----------------------------|--------------------------------|-------------------|--------------------|---|
|        | Gujarat          | Surendernagar    | vii. Food Poisoning            | 27 / 0                      | 15.06.09                       | 17.06.09          | Under Surveillance | Cases reported from Thra village, Mathan PHC, Block Dhrangadhra due to consumption of contaminated food. 4 stool samples collected and sent to B.J Medical College, Ahmedabad for examination. Most of the cases treated by the medical officers at the medical camp in the village and few patients referred to CHC.   |
|        |                  | Kutch            | viii. Acute Diarrhoeal Disease | 137 / 2                     | 16.06.09                       | 17.06.09          | Under Surveillance | Outbreak occurred at Ganesh Nagar area, Vavajoda camp, Rotary Nagar, Sector-6, Gandhidham City area, due to consumption of contaminated water caused by mixing of sewage and water supply pipeline. District RRT visited the area. Water sample of affected area and 2 stool samples sent for lab analysis; result awaited. Drinking water supplied by tankers and chlorination and disinfection of water done. |
| 3.     | Himachal Pradesh | Hamirpur         | ix. Acute Diarrhoeal Disease   | 33 / 0                      | 18.06.09                       | 20.06.09          | Under Control      | Outbreak reported from a school camp in govt. primary school Tikkar Khaterean of Bhoranj block, where children developed symptoms of diarrhoea and vomiting five hours after taking common meal under Mid-Day Meal Programme. Drinking water samples tested in Lab showed contamination.  |
| 4.     | Karnataka        | Bidar            | x. Acute Diarrhoeal Disease    | 18 / 1                      | 12.05.09                       | 15.06.09          | Under Control      | Cases reported from Chawar Dapka village and PHC, due to consumption of contaminated water. Water and stool samples sent for lab test; result awaited. Halogen tablets and ORS packets distributed and chlorination of over head tanks done. Health education given regarding sanitation and hygiene.   |
| 5.     | Kerala           | Malappuram       | xi. Chickenpox                 | 13 / 0                      | 17.06.09                       | 17.06.09          | Under Control      | Outbreak reported from Pratheeksha Bhawan (Hostel) at Thavanoor. Medical camp conducted. Health team conducted house to house search for new cases. Health education given about isolation and treatment of cases.  |
|        |                  | Trivandrum       | xii. Food Poisoning            | 69 / 0                      | 21.06.09                       | 22.06.09          | Under Control      | Outbreak occurred among the students of Ayyankali Sports School under PHC Kalliyoor, due to consumption of stale and contaminated food. Food and water samples taken for lab analysis; result awaited. IEC activities done regarding local area sanitation and food hygiene.  |
|        |                  | Kannur           | xiii. Viral Hepatitis A        | 11 / 0                      | 14.06.09                       | 20.06.09          | Under Surveillance | All infected persons had taken soft drinks at a marriage function at Vellur, Kuttiyeri SC, Pariyaram PHC, Ezhome BPHC. Serum bilirubin of all found in the higher range. Water samples collected for bacteriological examination; report awaited. The affected area visited by the medical team. Health education given regarding sanitation and hygiene practices.   |

| Sr. No | Name of State/UT | Name of District | Disease/ Illness                 | No. of cases/ No. of deaths | Date of start of outbreak/ EWS | Date of reporting | Current Status     | Comments/ Action taken  |
|--------|------------------|------------------|----------------------------------|-----------------------------|--------------------------------|-------------------|--------------------|---|
| 6.     | Punjab           | Mohali           | xiv. Acute Diarrhoeal Disease    | 73 / 0                      | 21.06.09                       | 21.06.09          | Under Surveillance | Outbreak reported from Mohali village, due to consumption of contaminated water probably caused by intermixing of sewer flow in water pipes. All cases treated. Water samples collected samples collected from shallow tubewells and other sources in the affected area were found unfit for use. Health education given regarding sanitation and hygiene.  |
| 7.     | Rajasthan        | Jhalawar         | xv. Food Poisoning               | 58 / 0                      | 14.06.09                       | 15.06.09          | Under Control      | Cases reported from Chahorni village, Kamakhera Block due to consumption of contaminated food. Investigation done by RRT. Food samples not available for analysis. Water and vomitus samples sent for lab investigation; result awaited. All cases treated. House to house survey done. Health education given regarding sanitation and food hygiene.   |
|        |                  | Barmer           | xvi. Food Poisoning              | 40 / 1                      | 19.06.09                       | 22.06.09          | Under Control      | Outbreak reported among migrant laborers at a construction site from Navtala PHC of Block Balotra due to consumption of stale and contaminated food. Food and water samples sent for lab investigation; result awaited. Viscera sent for post mortem. All cases treated. Health education given regarding food hygiene. IEC activity done.  |
|        |                  | Hanumangarh      | xvii. Malaria ( <i>P.vivax</i> ) | 43 / 0                      | 17.06.09                       | 19.06.09          | Under Surveillance | Outbreak reported from PHC Gandhali, Rawatsar Block, due to water logging caused by the presence of gypsum in soil making it impervious to water. Out of 195 blood slides collected, 43 were positive for <i>P.vivax</i> . Investigation done by RRT. Active surveillance continuing as fever survey, blood slide collection. Anti-larval measures and IEC activities undertaken.   |
|        |                  | Jaipur           | xviii. Acute Diarrhoeal Disease  | 152 / 0                     | 19.06.09                       | 19.06.09          | Under Control      | Outbreak reported from Jhamelo ki dhandhi, Shyamnagar, Dable village road, Katputli due to consumption of contaminated milk product at a function. Water, food and rectal swab samples sent for lab analysis; result awaited. Medical team with State and District RRT visited affected area and investigated the outbreak. Camp conducted at site for treatment of patients. IEC activities were undertaken for safe food and water consumption. |

| Sr. No | Name of State /UT | Name of District | Disease/ Illness    | No. of cases/ No. of deaths | Date of start of outbreak/ EWS | Date of reporting | Current Status     | Comments/ Action taken  |
|--------|-------------------|------------------|---------------------|-----------------------------|--------------------------------|-------------------|--------------------|---|
| 8.     | Tamil Nadu        | Erode            | xix. Viral Fever    | 16 / 0                      | 15.06.09                       | 18.06.09          | Under Control      | Outbreak reported from Unjapalayam village, Guruvareddlyur PHC due to seasonal flu viral infection. Serum samples sent to Senior Entomologist Zonal Entomological Team (SE.ZET), Coimbatore; result awaited. Health education given regarding hygiene and sanitation. IEC activities done.  |
|        |                   | Namakkal         | xx. Chikungunya     | 72 / 0                      | 16.06.09                       | 16.06.09          | Under Surveillance | Outbreak reported from Sadayampalayam, Pradaveedu PHC, under Elanthakuttal Block. Out of 18 sera samples sent to Govt. Kumaramagalam Medical College Hospital, Salem, four samples were confirmed as IgM positive for Chikungunya. Source reduction and fogging done. IEC activities done. Medical team continuing surveillance in the affected village.  |
|        |                   | Thiruvannamalai  | xxi. Viral Fever    | 15 / 0                      | 17.06.09                       | 18.06.09          | Under Surveillance | Cases presented with fever in Melvanakkampadi village, Elangunni PHC. Medical team formed and fever surveillance work done. Serum samples sent to SE.ZET, Vellore; lab result awaited. Fogging and source reduction activities done. IEC activities done.   |
|        |                   | Vellore          | xxii. ?Chikungunya  | 28 / 0                      | 15.06.09                       | 22.06.09          | Under Control      | Outbreak reported from Bharathidhasam nagar village (10 cases) and Burigamanimita village (18 cases) under Pichnaur PHC of Tirupathur block. District RRT investigation done. Cases presented with fever, joint pain, body ache and myalgia. Examination of blood smear ruled out malaria. Serum samples sent to lab for analysis; result awaited. Door to door fever surveillance conducted. Anti-larval activities carried out. Health education given. |
|        |                   | Virudhunagar     | xxiii. ?Chikungunya | 27 / 0                      | 18.06.09                       | 19.06.09          | Under Surveillance | Outbreak reported from Melaparaikulam, Paralachi PHC. Cases presented with fever associated with headache, nausea, vomiting, arthralgia and myalgia. 6 serum samples collected and sent for analysis to SE.ZET, Virudhunagar; result awaited. Source reduction measures and fogging done. Health education given regarding prevention measures.   |
| 9.     | Uttar Pradesh     | Rai Bareilly     | xxiv. Chickenpox    | 14 / 0                      | 13.06.09                       | 18.06.09          | Under Control      | Outbreak reported from Fursatganj area. Symptomatic treatment given. District RRT investigation done. Health education given about isolation and early treatment of cases.  |
|        |                   | Gorakhpur        | xxv. Food Poisoning | 13 / 0                      | 20.06.09                       | 20.06.09          | Under Control      | Outbreak occurred at New Welcome Marriage House, Nagar Nigam Mohalla Turkmaanpur, due to consumption of contaminated food. RRT investigation done. All cases treated. Health education given regarding sanitation and hygiene.  |

**DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE**

| 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      | Kerala        | Kannur           | xxvi. ?Chikungunya      | 14 / 0               | 10.06.09                  | Under Surveillance | Outbreak reported from villages Peravoor, Kolayad, Kanichar, Kelakam, Maloor & Muzahakunnu (BPHC Keezhpally / Iritty). District Malaria Officer and medical officer with staff visited the area. Cases presented with fever associated with joint swelling and rashes. Serum samples collected and sent to NIV, Pune for lab analysis, reports awaited. Source reduction done. IEC activities under taken. |
| 2      | Manipur       | Senapati         | xxvii. Viral Fever      | 298 / 0              | 25.05.09                  | Under Control      | Outbreak reported from Ward no. 14, Kangokpi Block and CHC. RRT investigation done. 129 blood samples collected and tested for malaria and enteric fever (Widal test); all reports were negative. Further investigations being done to ascertain the cause. IEC activities done.   |
| 3      | Uttarakhand   | Nainital         | xxviii. Viral Hepatitis | 10 / 1               | 07.06.09                  | Under Control      | Outbreak reported from Dhari Block due to consumption of polluted water. District RRT visited the affected area. All cases treated. IEC activities were under taken.   |
|        |               | Udhamsingh Nagar | xxix. Enteric fever     | 35 / 0               | 04.06.09                  | Under Control      | Outbreak reported from Kashipur area due to consumption of polluted water from local ponds. Cases presented with high fever and pain abdomen, clinically diagnosed as typhoid. Health education given regarding sanitation and hygiene.  |

**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 /EWS | Current Status | Comments/ Action taken  |
|--------|----------------|------------------|--------------------------|----------------------|--------------------------------|----------------|---|
| 1.     | Karnataka      | Bijapur          | Acute Diarrhoeal Disease | 143/ 0 *             | 09.06.09                       | Under Control  | Outbreak reported from Hadagali village, Muddebihal town, PHC Muddebihal, Taluka Muddebihal due to consumption of contaminated water of open well. Stool culture for cholera at district lab is negative. Water samples found bacteriologically contaminated. Disinfection and chlorination of water sources done. Halogen tablets and ORS packets distributed. Health education given regarding personal hygiene |
| 2.     | Madhya Pradesh | Seoni            | Acute Diarrhoeal Disease | 31 / 0 *             | 16.06.09                       | Under Control  | Outbreak reported from Dighori village, Chhapara Block due to consumption of contaminated water from small ponds. Stool water samples collected and sent for investigation. District RRT visited the affected place Chlorination of drinking water sources done. Health camp organized.   |

\* Cumulative cases as on 17.06.09