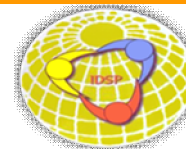
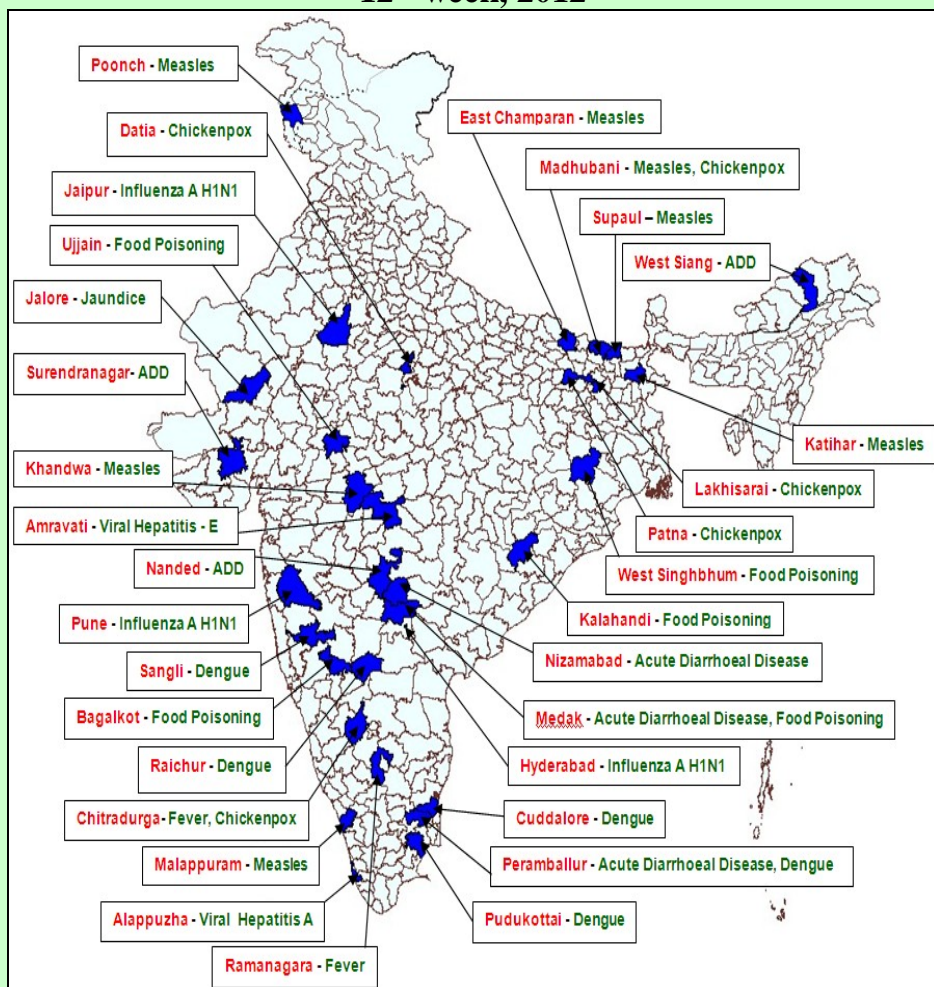


DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

12th week (ending 25th March) 2012



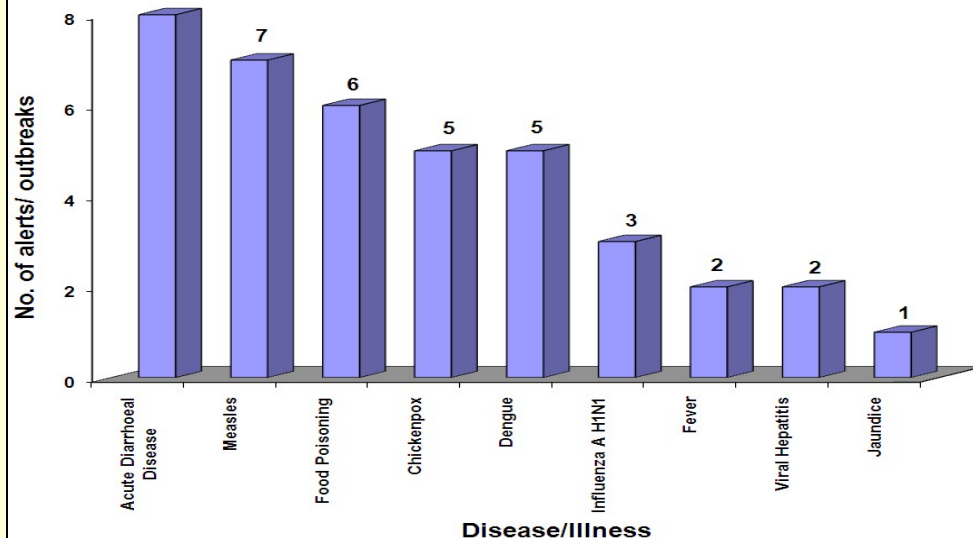
District wise disease alerts/outbreaks reported in the 12th week, 2012



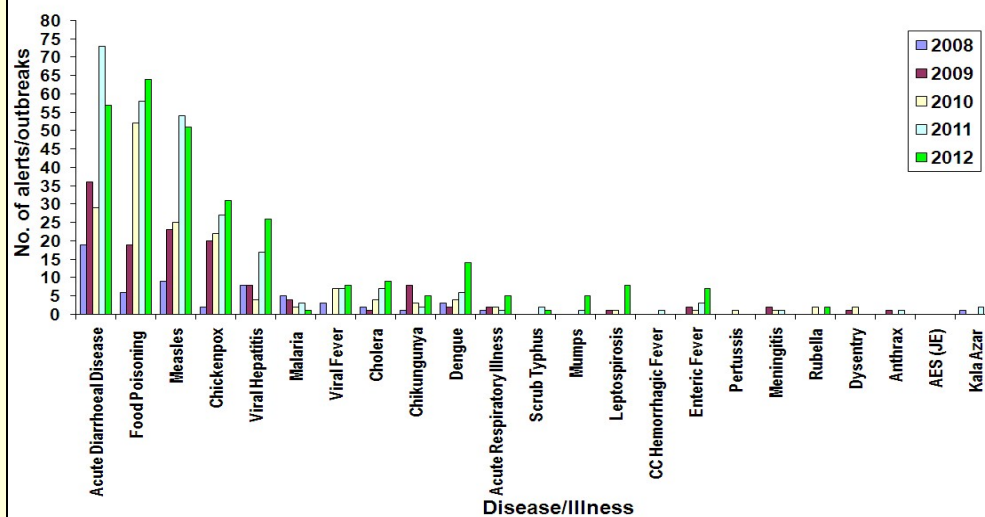
REPORTING STATUS OF STATES/UTs

| | |
|--|----|
| No. of States /UTs submitted outbreak report (including NIL report) | 24 |
| No. of States/ UTs submitted "NIL" outbreak report | 13 |

Disease alerts/outbreaks reported during this week (n= 39)



Comparison of cumulative no. of disease alerts/outbreaks reported till the 12th week of 2008, 2009, 2010, 2011 & 2012



| Sl. No. | Name of State/UT | Name of District | Disease/ Illness | No. of Cases | No. of Deaths | Date of start of outbreak | Date of reporting | Current Status | Comments/ Action taken |
|---------|-------------------|------------------|------------------------------|--------------|---------------|---------------------------|-------------------|--------------------|--|
| 1. | Andhra Pradesh | Medak | i Food Poisoning | 9 | 0 | 21/03/12 | 22/03/12 | Under Control | Cases of vomiting and loose motion reported from Village & Sub Center Itkepally, PHC & Block Raikode possibly due to consumption of contaminated food. District RRT investigated the outbreak. All cases treated symptomatically. Health education given regarding safe food habits. |
| | | | ii Acute Diarrhoeal Disease | 39 | 0 | 21/03/12 | 22/03/12 | Under Surveillance | Cases reported from Village Muthangi, SC Muthangi, PHC Bhanoor, Block Patancheru due to consumption of contaminated water. District RRT investigated the outbreak. All cases treated symptomatically. Chlorination of water sources done. Health education given regarding safe drinking water given. |
| | | Nizamabad | iii Acute Diarrhoeal Disease | 13 | 0 | 22/03/12 | 23/03/12 | Under Control | Cases reported from Kasturba Residential School, Village & PHC Kammarpally, Block Kammarpally. District RRT investigated the outbreak. All cases treated symptomatically. Health education given regarding maintenance of hygiene. |
| 2. | Arunachal Pradesh | West Siang | iv Acute Diarrhoeal Disease | 284 | 4 | 17/03/12 | 20/03/12 | Under Surveillance | Cases reported from PHC Manigong, Block Manigong due to consumption of contaminated water. District RRT investigated the outbreak. All cases treated symptomatically. Chlorination of water sources done. Health education given regarding consumption of safe drinking water. |
| 3. | Bihar | Katihar | v Measles | 66 | 0 | 12/03/12 | 24/03/12 | Under surveillance | Cases of fever with rash reported from Village Karamtpur & Fulkabari, SC Karamatpur, PHC & Block Barari (17cases), Village & HSC Majdia, PHC Kursela, Block Kursela (13 cases) and Village Maheswa & Raibanna, HSC Parmanandpur, PHC & Block Korha (36 cases). District RRT investigated the outbreak. All cases treated symptomatically. Affected children were below 15 years age. Health education given regarding isolation of cases done. |
| | | Lakhisarai | vi Chickenpox | 41 | 0 | 17/03/12 | 19/03/12 | Under surveillance | Cases of fever with vesicular rash reported from Village & SC Mataasi, PHC & Block Halsi. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were in age group 4 years to 10 years. Health education given regarding isolation of cases. |
| | | East Champaran | vii Measles | 44 | 0 | 20/03/12 | 22/03/12 | Under surveillance | Cases reported from Village Tulsipatt (Harijan Tola), PHC Kalyanpur, Block Kalyanpur. District RRT investigated the outbreak. All cases treated symptomatically. Vit A Solution given to all cases. Affected children were under 5 years of age. Health education given regarding isolation of cases given. |

| Sl. No. | Name of State/UT | Name of District | Disease/ Illness | No. of Cases | No. of Deaths | Date of start of outbreak | Date of reporting | Current Status | Comments/ Action taken |
|---------|------------------|------------------|------------------------------|--------------|---------------|---------------------------|-------------------|--------------------|--|
| | Bihar | Supaul | viii Measles | 38 | 0 | 12/03/12 | 21/03/12 | Under surveillance | Cases reported from Village & PHC Pipra, Block Pipra (14 cases), and Village & PHC Saraigarh, Block Saraigarh (24 cases). District RRT investigated the outbreak. All cases treated symptomatically. Affected children were in age group 10 months to 10 years. Measles vaccination done in the affected area and Vitamin A solution given to all cases. Health education given regarding isolation of cases given. |
| 4. | Gujarat | Surendranagar | ix Acute Diarrhoeal Diseases | 91 | 0 | 18/03/12 | 19/03/12 | Under Surveillance | Cases reported from Village Bavli, PHC Kondh, Block Dhrangadhra due to consumption of contaminated water. District RRT investigated the outbreak. All cases treated symptomatically. 2 stool samples collected and sent to PDU Medical College, Rajkot. Samples tested negative for <i>V.cholerae</i> by culture. Chlorination of water sources done. IEC activities undertaken regarding safe drinking water done. |
| 5. | Jharkhand | West Singhbhum | x Food Poisoning | 28 | 0 | 24/03/12 | 25/03/12 | Under Control | Cases reported from Village Jaipee, HSC Dayaposi, PHC & Block Jhinkpani due to consumption of contaminated food in Maghe Parv. District RRT investigated the outbreak. Treatment of cases done at Sadar Hospital Chaibasa. Health education given regarding food hygiene and sanitation done. |
| 6. | Karnataka | Chitradurga | xi Fever | 34 | 0 | 20/03/12 | 21/03/12 | Under Control | Cases of fever reported from Village Chikkakabbigere, PHC Muddapura, Block Chitradurga. District RRT investigated the outbreak. Treatment of patients done at PHC Muddapura. 27 blood smears for malaria along with 5 blood samples for Widal and 3 for Dengue collected and tested at District Referral Lab, Chitradurga out of which all samples tested negative for respective tests. IEC activities undertaken regarding personal protection and hygiene maintenance done. |
| | | Chitradurga | xii Chickenpox | 79 | 0 | 17/03/12 | 22/03/12 | Under Control | Cases reported from Village Dodda Gatta, PHC Janakal, Block Hosdurga (25cases), St. Antony School, Village Hosdurga – B, PHC Bagura, Block Hosdurga (17 cases) and Village Aranakatte, Subcenter Doddakatte, PHC Ranganathapura, Block Hiriur (37 cases). District RRT investigated the outbreak. 8 vesicles fluid samples sent to Virology Lab, KMC Manipal, Uddippi out of which 6 samples tested positive for Chickenpox by PCR. Health education given regarding isolation of cases and early treatment given. |
| | | Bagalkot | xiii Food Poisoning | 40 | 0 | 16/03/12 | 19/03/12 | Under control | Cases reported from Village Muttalgeri, PHC Mustigeri, Taluka Badami. District RRT investigated the outbreak. 3 food samples and 1 water sample sent to PHI (Public Health Institute), Benagluru. Lab result is awaited. Affected cases hospitalized in CHC Badami. IEC done. |

| Sl. No. | Name of State/UT | Name of District | Disease/ Illness | No. of Cases | No. of Deaths | Date of start of outbreak | Date of reporting | Current Status | Comments/ Action taken |
|---------|------------------|------------------|-------------------------|--------------|---------------|---------------------------|-------------------|----------------|--|
| | | | xiv Food Poisoning | 90 | 0 | 17/03/12 | 19/03/12 | Under control | Cases reported from Village Udagatti, PHC Kaladagi, Taluka Bagalkot. District RRT investigated the outbreak. 2 food samples and 1 water sample sent to PHI (Public Health Institute), Benagluru. Lab result is awaited. Health education regarding food hygiene given. |
| | Karnataka | Raichur | xv Dengue? | 19 | 1 | 20/03/12 | 24/03/12 | Under control | Cases reported from Village N.Mallapur, PHC Gandhal, Block Raichur. District RRT investigated the outbreak. Medical camp organized in the affected area and treatment of patients done. 19 serum samples collected and sent to Sentinal Lab, Raichur, result awaited. Source Reduction and fogging activities done. IEC undertaken regarding personal protection given. |
| | | Ramanagara | xvi Fever | 28 | 0 | 21/03/12 | 25/03/12 | Under control | Outbreak reported from PHC Banaganahally, Block Akkur Hosahally. District RRT investigated the outbreak. 28 blood slides collected and examined at District Lab, Ramanagara. All slides tested negative for Malaria. Health education given regarding personal protection. |
| 7. | Kerala | Malappuram | xvii Measles | 15 | 0 | 19/03/12 | 19/03/12 | Under control | Cases reported from Village & PHC Ponnani, Block Ponnani. District RRT investigated the outbreak. A house to house search for cases done. Affected children were under 14 years of age. All cases treated symptomatically. Vitamin A solution given to all cases. Health education given regarding isolation of cases given. |
| 8. | Maharashtra | Amravati | xviii Viral Hepatitis E | 64 | 1 | 19/03/12 | 25/03/12 | Under control | Cases reported from Anjangaon Surji urban area, Block Anjangaon Surji due to consumption of contaminated water. District RRT investigated the outbreak. All cases treated symptomatically. 10 serum samples collected and sent to NIV, Pune out of which 3 samples tested positive for Hepatitis E by IgM Elisa. Chlorination of water sources done. Health education given regarding safe drinking water given. |
| 9. | Madhya Pradesh | Ujjain | xix Food Poisoning | 60 | 0 | 25/03/12 | 25/03/12 | Under control | Cases reported Village Juna Kharchod, Block Unhel, District Ujjain due to consumption of contaminated food (Prasad). District RRT investigated the outbreak. Treatment of patients done at District Hospital, Ujjain. IEC activities undertaken regarding safe food habit. |
| | | Datia | xx Chickenpox | 19 | 0 | 20/03/12 | 25/03/12 | Under control | Cases of fever with rash reported from Village Satari, SC Hatlai, PHC Unao, Block Unao, District Datia. District RRT investigated the outbreak. House to house search of cases done. All cases treated symptomatically. Health education given regarding isolation of cases and early treatment given. |

| Sl. No. | Name of State/UT | Name of District | Disease/ Illness | No. of Cases | No. of Deaths | Date of start of outbreak | Date of reporting | Current Status | Comments/ Action taken |
|---------|------------------|------------------|--------------------------------|--------------|---------------|---------------------------|-------------------|--------------------|--|
| 10. | Rajasthan | Jalore | xxi Jaundice | 26 | 0 | 19/03/12 | 24/03/12 | Under surveillance | Cases of nausea , vomiting abdominal pain and loss of appetite reported from Girls Hostel Ahoreroad, Jalore, District Jalore. District RRT investigated the outbreak. 26 serum samples collected and sent to Government Hospital Jalore out of which 22 samples showed increased serum Bilirubin. Treatment of cases done at Government Hospital Jalore. Chlorination of water sources done in the affected area.IEC activities done regarding safe drinking water and maintenance of hygiene. |
| 11. | Odisha | Kalahandi | xxii Food Poisoning | 17 | 0 | 17/03/12 | 22/03/12 | Under control | Cases of diarrhoea and vomiting reported from Village Khaliakani, PHC Chapuria, Block Golamunda due to consumption of contaminated food. Block health team investigated the outbreak. All cases treated symptomatically. IEC done regarding safe food habits. |
| 12. | Tamil Nadu | Perambalur | xxiii Acute Diarrhoeal Disease | 42 | 0 | 20/03/12 | 21/03/12 | Under control | Outbreak reported from Village Adhnur, PHC Adhnaur, Block Alathur. District RRT visited the area and investigated outbreak. 3 Water Samples and 5 Stool samples collected and sent to KAVP Medical College, Trichy. All samples tested negative for <i>V.cholerae</i> by culture. Door-to-door survey undertaken in the area with chlorination of water sources and appropriate disinfection activities. Health education given. |
| | | | xxiv Acute Diarrhoeal Disease | 23 | 0 | 21/03/12 | 22/03/12 | Under control | Cases of pain abdomen, fever, and myalgia reported from Village Kodalikaruppur, PHC Udhanatham, Block T.Palur. District RRT visited and investigated the outbreak. 4 Water Samples and 2 Stool samples collected and sent to KAVP Medical College, Trichy for analysis. All samples tested negative for <i>V.cholerae</i> by culture. Door-to-door survey undertaken in the area with chlorination of water sources and appropriate disinfection activities. Health education given. |
| | | | xxv Acute Diarrhoeal Disease | 10 | 0 | 19/03/12 | 22/03/12 | Under control | Cases reported from Village Othiyam, PHC Maruvathur. District RRT visited and investigated the outbreak. 3 Water Samples and 3 stool samples collected and sent to KAVP Medical College, Trichy for analysis. All samples tested negative for <i>V.cholerae</i> by culture. Door-to-door survey undertaken in the area with chlorination of water sources and appropriate disinfection activities. Health education given. |
| | | | xxvi Dengue | 22 | 0 | 24/03/12 | 25/03/12 | Under control | Cases of fever, vomiting, and joint pain reported from Village Jayankondam, PHC Meensurtti, Block Jayankondam. District RRT visited and investigated the outbreak.Treatment of patients done at PHC Meensurti. 7 Serum samples collected and sent to K.A.P.V Medical College Trichyout of which 1 sample tested positive for Dengue by IgM ELISA. Antilarval activities and fogging done. Health education given regarding personal protection. |

| Sl. No. | Name of State/UT | Name of District | Disease/ Illness | No. of Cases | No. of Deaths | Date of start of outbreak | Date of reporting | Current Status | Comments/ Action taken |
|---------|------------------|------------------|------------------|--------------|---------------|---------------------------|-------------------|----------------|---|
| | | Cuddalore | xxvii Dengue | 32 | 0 | 17/03/12 | 21/03/12 | Under control | Cases reported from Village Thirukandeeswaram, PHC Nellikuppam, Block Annagiramam. District RRT investigated the outbreak. Treatment of patients done at PHC Nellikuppam. 5 serum samples collected and sent to ZET Lab, Cuddalore out of which 3 samples tested positive for Dengue and 1 for Chikungunya by IgM ELISA. Source reduction and fogging done. IEC activities undertaken regarding personal protection. |
| | | Pudukottai | xxviii Dengue | 64 | 0 | 19/03/12 | 22/03/12 | Under control | Cases reported from Village Karuppakontheru, PHC Kottaikadu, Block Karambakudi (34cases) and Village Karumbulikadu, PHC Nagudi, Block Aranthangi (30cases). District RRT investigated the outbreak. All patients treated at PHC Kottaikadu. 9 serum samples collected and sent to ZET Lab, Trichy out of which 6 samples tested positive for Dengue by IgM ELISA. Antilarval activities and fogging done. Health education given regarding personal protection. |

DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE

| Sl. No | Name of State/UT | Name of District | Disease/ Illness | Cases | Deaths | Date of start of outbreak | Current Status | Comments/ Action taken |
|--------|------------------|------------------|-----------------------|-------|--------|---------------------------|--------------------|--|
| 1. | Andhra Pradesh | Hyderabad | xxix Influenza A H1N1 | 42* | 3* | 25/02/12# | Under Surveillance | Number of serologically positive cases of Influenza A H1N1 started increasing in Andhra Pradesh in last week of February 2012, especially in Hyderabad. District and State RRT investigated the outbreak All cases treated with Oseltamivir and supportive therapy. During the period from 25.02.12 to 25.03.12, 149 samples were tested in designated lab. Of them, 42 samples (28%) were found positive for Influenza A H1N1 by RT PCR in the state. Screening of cases for Influenza like illness (ILI) and prophylaxis with Oseltamivir given to contact of cases. Health education given regarding isolation of cases and personal hygiene maintenance. |
| 2. | Bihar | Madhubani | xxx Measles | 69 | 8 | 01/03/12 | Under Surveillance | Cases of fever with rash reported from Village Bhaluahi Musahari, HSC Bhawanipur, PHC Pandaul, Block Pandaul (26 cases), Village Baijnathpur (Mushari), PHC Madhepur, Block Madhepur (43 cases), District Madhubani. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were in age group 1 year to 11 years. Vitamin A solution given to all susceptible children in affected area. Health education given regarding isolation and early treatment of cases. |

| DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE | | | | | | | | |
|---|------------------|------------------|--------------------------------|-------|--------|---------------------------|--------------------|---|
| Sl. No | Name of State/UT | Name of District | Disease/ Illness | Cases | Deaths | Date of start of outbreak | Current Status | Comments/ Action taken |
| | | | xxxi Chickenpox | 21 | 0 | 25/02/12 | Under surveillance | Cases reported from Village Paswantola, HSC Belmohan, PHC Ghoghardiha, Block Ghoghardiha, District Madhubani. District RRT investigated the outbreak. All cases treated symptomatically. Health education given regarding isolation of cases. |
| | | Patna | xxxii Chickenpox | 22 | 0 | 14/02/12 | Under control | Cases of vesicular rash reported from Village Hardiya Bedauli, SC Khudhira, PHC Paliganj, Block Paliganj (12cases), IIT Boys Hostel- Rajiv nagar, Block Sadar (10 cases), District Patna. District RRT investigated the outbreak. House to house search of cases done. All cases treated symptomatically. Health education given regarding isolation of cases and early treatment . |
| 3. | Jammu & Kashmir | Poonch | xxxiii Measles | 7 | 4 | 11/03/12 | Under Surveillance | Cases reported from Village Phagla, PHC Lasana, Block Surankote. District Poonch. District RRT investigated the outbreak. House to house search of cases done. All cases treated at SMGS Hospital, Jammu. Affected children are in age group 1 year to 7 years. Measles immunization done in the affected area. Health education given regarding isolation of cases. |
| 4. | Kerala | Alappuzha | xxxiv Viral Hepatitis A | 15 | 0 | 05/03/12 | Under Surveillance | Cases reported from Village Thamarakulam Ward VI & VII, SC Kottakatussery, PHC Thamarakulam, Block Chunakkara. District RRT investigated the outbreak. All cases treated at PHC Thamarakulam. 5 serum samples collected and sent to National Institute of Virology, Alappuzha which tested positive for Hepatitis A by IgM Elisa. Chlorination of water sources done. Health education given regarding safe drinking water. |
| 5. | Maharashtra | Sangli | xxxv Dengue | 71 | 0 | 06/03/12 | Under control | Cases of fever reported from Village Yelavi, PHC Tasgaon, Block Tasgaon. District RRT investigated the outbreak. 7 serum samples collected and sent to NIV, Pune out of which 2 samples tested positive for Dengue by IgM Elisa. Health education given regarding personal protection. |
| | Maharashtra | Nanded | xxxvi Acute Diarrhoeal Disease | 23 | 0 | 18/02/12 | Under surveillance | Cases reported from Village Hadgaon, PHC Ashti, Block Hadgaon District RRT investigated the outbreak. All cases treated symptomatically. 7 stool samples collected and sent to NIV, Pune. Result awaited. Health education given regarding hygiene maintenance. |
| | | Pune | xxxvii Influenza A H1N1 | 149* | 9* | 05/03/12# | Under Surveillance | Number of serologically positive cases of Influenza A H1N1 started increasing in Maharashtra in first week of March 2012, especially in Pune. 149 cases and 9 deaths were reported from 5.03.12 to 25.03.12 in the state. In contrast only 1 case occurred in 2012 upto 4 th March. District and State RRT investigated the outbreak. All cases treated with Oseltamivir and supportive therapy. Samples were found positive for Influenza A H1N1 by RT PCR at designated lab. Screening of patients for Influenza like illness and prophylaxis with Oseltamivir given to contact of cases. Screening centers & isolation wards made operational. IEC activities undertaken regarding isolation of cases and personal hygiene maintenance (hand hygiene and respiratory etiquettes). |

*: Cases and deaths reported from 25.02.2012 to 25.03.2012.

State sent the report on 27.02.12 but not included in the list of outbreaks earlier.

| DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE | | | | | | | | |
|---|------------------|------------------|------------------------|-------|--------|---------------------------|--------------------|---|
| Sl. No | Name of State/UT | Name of District | Disease/ Illness | Cases | Deaths | Date of start of outbreak | Current Status | Comments/ Action taken |
| 6. | Madhya Pradesh | Khandwa | xxxviii Measles | 48 | 0 | 01/03/12 | Under control | Cases of fever with rash reported from Khandwa Urban Area, Block Khandwa, District Khandwa. District RRT investigated the outbreak. All cases treated symptomatically. 5 serum samples collected and sent to Gandhi Medical College, Bhopal out of which 1 sample tested positive for Measles IgM Elisa. Health education given regarding isolation of cases and early treatment. |
| 7. | Rajasthan | Jaipur | xxxix Influenza A H1N1 | 38** | 5** | 01/03/12 ## | Under surveillance | Number of serologically positive cases of Influenza A H1N1 started increasing in Rajasthan in March 2012, especially in Jaipur and Jodhpur. 38 cases and 5 deaths were reported from 1.03.12 to 25.03.12 in the state. In January 2012, 6 cases and 1 death and in February 2012, 6 cases and 1 death were reported. District and State RRT investigated the outbreak. All cases treated with Oseltamivir and supportive therapy. During the period 1.03.12 to 25.03.12, 179 samples were tested at designated lab in the state. Of them, 38 samples (21%) were found positive for Influenza A H1N1 by RT PCR. Screening of patients for Influenza like illness and prophylaxis with Oseltamivir given to contact of cases. IEC activities done and health education given regarding isolation of cases, personal hygiene and sanitation. |

*: Cases and deaths reported from 5.03.2012 to 25.03.2012

State sent the report on 15.03.12 but not included in the list of outbreaks earlier.

**Cases and deaths reported from 1.03.12 to 25.03.12.

State sent the report on 12.03.12 but not included in the list of outbreaks earlier.