

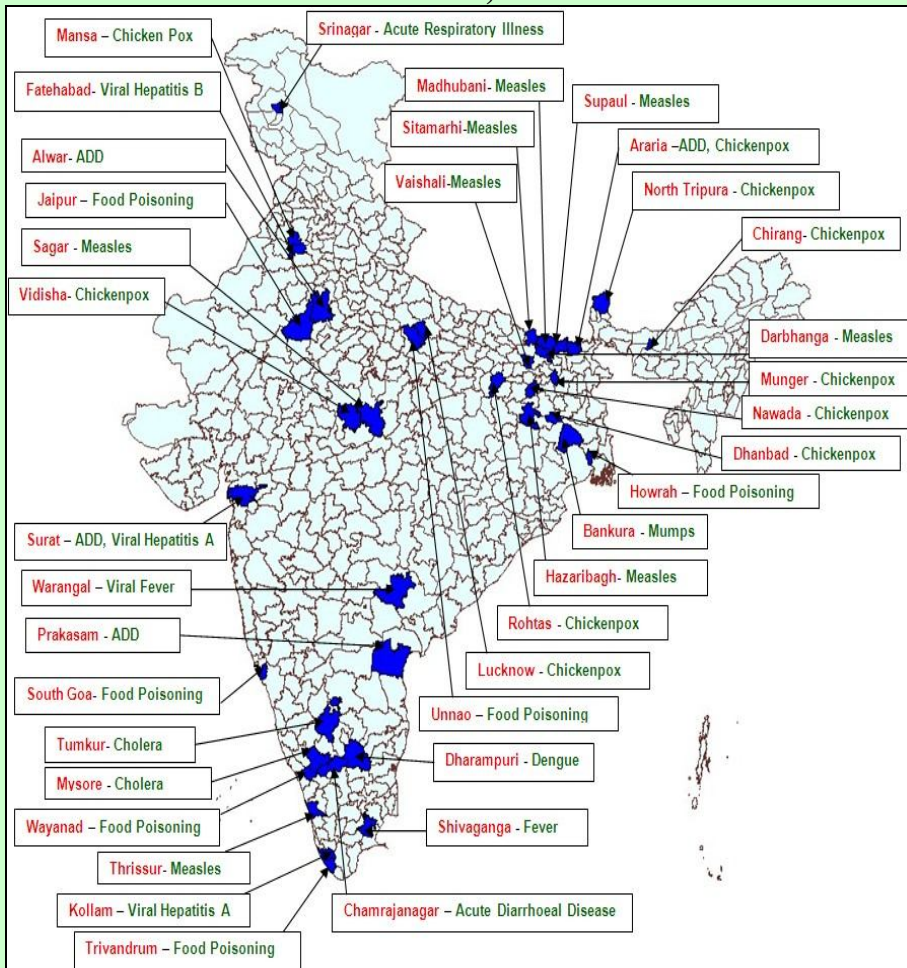


# DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

14<sup>th</sup> week (2<sup>nd</sup> to 8<sup>th</sup> April) 2012



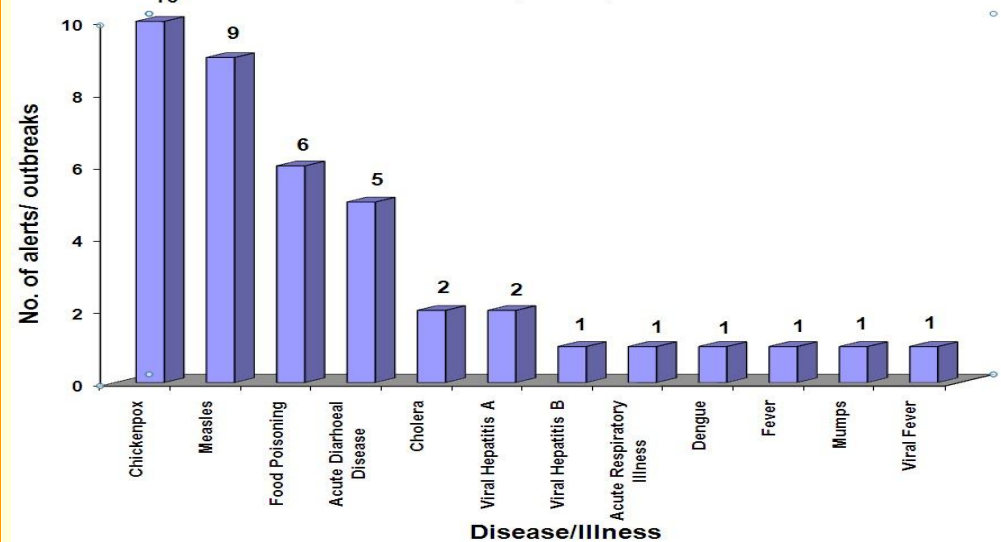
## District wise disease alerts/outbreaks reported in the 14<sup>th</sup> week, 2012



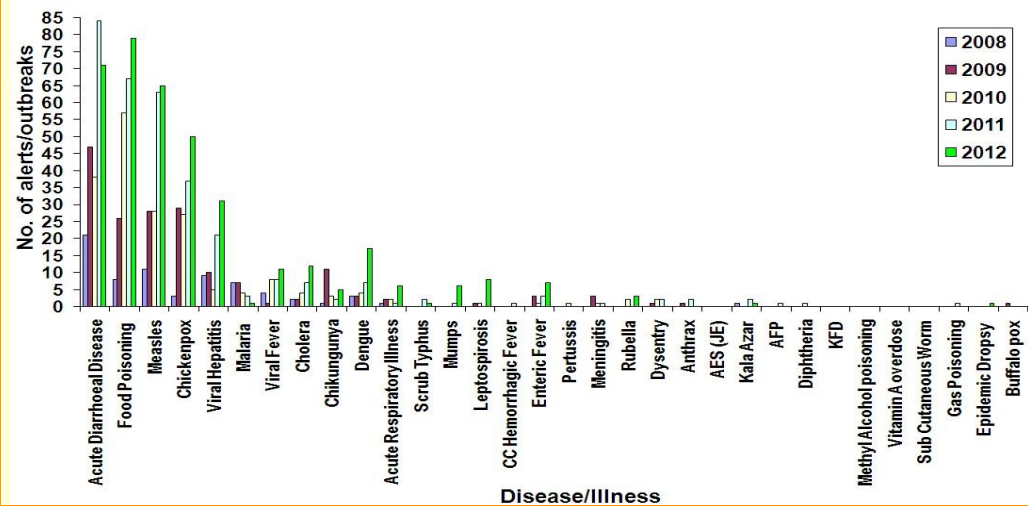
### REPORTING STATUS OF STATES/UTs

|   |    |
|---|----|
| No. of States /UTs submitted outbreak report (including NIL report) | 26 |
| No. of States/ UTs submitted "NIL" outbreak report                  | 9  |

## Disease alerts/outbreaks reported during this week (n=40)



## Comparison of cumulative no. of disease alerts/outbreaks reported till the 14th 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   | Prakasam         | i Acute Diarrhoeal Disease  | 60           | 0             | 03/04/12                  | 05/04/12          | Under control      | Outbreak reported from Village Cheruvukommu Palem, PHC Karavadi, Block Cheruvukommu Palem, District Prakasam. District RRT investigated the outbreak. All patients treated symptomatically. Temporary medical camps organized. Chlorination of water sources done. ORS packets distributed in the affected area. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.                               |
|         |                  | Warangal         | ii Viral Fever              | 67           | 0             | 02/04/12                  | 07/04/12          | Under control      | Outbreak reported from Village Gopathanda, Subcentre Peddanagaram, PHC Danthalapally, Block Thorur, District Warangal. District RRT investigated the outbreak. House to house survey carried out for finding new cases. Serum samples were negative for Chikungunya and Dengue. Blood smears were negative for Malaria parasite. Fogging and daily fever surveillance undertaken. IEC activities undertaken regarding personal protection measures. |
| 2.      | Bihar            | Araria           | iii Chickenpox              | 17           | 0             | 28/03/12                  | 02/04/12          | Under surveillance | Cases reported from Village Purbari Jherwa (ward no. 5,6), Subcentre Simraha, BPHC & Block Forbisganj, District Araria. Block health team investigated the outbreak. All cases treated symptomatically. Health education given regarding isolation of cases.  |
|         |                  |                  | iv Acute Diarrhoeal Disease | 29           | 0             | 30/03/12                  | 03/04/12          | Under surveillance | Outbreak reported from Village Rajchirah (ward no 1,2,3), PHC & Block Jokihat, District Araria. Block health team investigated the outbreak. All patients treated symptomatically. Chlorination of water sources done. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.   |
|         |                  | Darbhangha       | v Measles                   | 12           | 0             | 31/03/12                  | 04/04/12          | Under control      | Cases reported from Village Kakodha, PHC & Block Tardih, District Darbhanga. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were less than 8 years of age. Vitamin A supplementation given to all cases and Measles vaccination done in the affected area. Health education given regarding isolation of cases.   |
|         |                  | Munger           | vi Chickenpox               | 20           | 0             | 02/04/12                  | 05/04/12          | Under control      | Outbreak of fever with rash reported from Village & Subcentre Khariya, PHC Bariyarpur, District Munger. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were in age group 2 to 8 years. Health education given regarding isolation of cases.   |
|         |                  | Nawada           | vii Chickenpox              | 42           | 0             | 29/03/12                  | 03/04/12          | Under control      | Outbreak reported from Sub Centres Vishanpur & Mahudar, PHC Kawakole, District Nawada. Block health team investigated the outbreak. All cases treated symptomatically. Affected children were in age group 10 to 15 years. Health education given regarding isolation of cases.   |

| 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            | Vaishali         | viii Measles               | 18           | 0             | 02/04/12                  | 04/04/12          | Under control      | Cases of fever with rash reported from Village Imadpur, Post Pastara, PHC Patepur, District Vaishali. District RRT investigated the outbreak. All cases treated symptomatically. Vitamin A supplementation given to all cases and Measles vaccination done in the affected area. IEC activities undertaken regarding isolation and early treatment of cases.  |
| 3.      | Goa              | South Goa        | ix Food Poisoning          | 16           | 0             | 07/04/12                  | 07/04/12          | Under control      | Cases reported from CHC Canacona, Block Kudai Khola, District South Goa, due to consumption of food served in Anganwadi (Ladoos and Chikis). District RRT investigated the outbreak. Symptomatic treatment of patients done. Food samples sent to Food and Drug Authority laboratory; reports awaited. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.  |
| 4.      | Gujarat          | Surat            | x Acute Diarrhoeal Disease | 34           | 0             | 31/03/12                  | 03/04/12          | Under control      | Outbreak reported from Urban area in Mahavir Appt, UHC Punagam, Puna, East Zone, District Surat. District RRT investigated the outbreak. All patients treated symptomatically. Chlorination of water sources done. ORS packets distributed in the affected area. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.   |
|         |                  | Surat            | xi Viral Hepatitis A       | 14           | 0             | 04/04/12                  | 07/04/12          | Under surveillance | Cases reported from Village Amboli, PHC Navipardi, CHC Kathor and Block Kamrej, District Surat. District RRT investigated the outbreak. 3 serum samples were positive for Hepatitis A (IgM ELISA). House to house survey done for searching for new cases. Chlorination of water sources done. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures  |
| 5.      | Haryana          | Fatehabad        | xii Viral Hepatitis B      | 21           | 0             | 02/04/12                  | 06/04/12          | Under surveillance | Outbreak reported from Village & SC Dhingsara, PHC Balgaon, CHC & Block Bhatu, District Fatehabad. District RRT investigated the outbreak. Out of 12 samples collected and tested at NCDC, 10 samples were positive for Anti HBc-IgM (ELISA) and 2 sera samples each one positive for Anti HAV-IgM and Anti HEV- IgM. House to house survey done for searching for new cases. Chlorination of water sources done. IEC activities undertaken.  |
| 6.      | Jammu & Kashmir  | Srinagar         | xiii ARI (H3N2)            | 35           | 0             | 03/04/12                  | 07/04/12          | Under control      | Cases of fever, cough and sore throat reported from Govt. Middle School Laddi, PHC & Block Sallar, District Srinagar. District RRT investigated the outbreak. All cases treated symptomatically. 20 throat samples taken and sent to SKIMS Srinagar Influenza Lab out of which 7 samples tested positive for Influenza A H3N2 by RT PCR. Affected children were in age group 8 years to 14 years. Health education given regarding cough etiquette, hand hygiene and to avoid crowding. |

| 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   |
|---------|------------------|------------------|------------------------------|--------------|---------------|---------------------------|-------------------|--------------------|--|
| 7.      | Jharkhand        | Dhanbad          | xiv Chickenpox               | 11           | 0             | 04/04/12                  | 07/04/12          | Under control      | Cases reported from Villages Nawagarh basti and Targa, Subcentre Nawagarh, Block Baghmara, District Dhanbad. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were less than 15 years of age. Health education given regarding isolation of cases.   |
|         |                  | Hazaribagh       | xv Measles                   | 56           | 0             | 31/03/12                  | 02/04/12          | Under surveillance | Cases reported from Villages Dharmu and Hadari, PHC & Block Ichaak, District Hazaribagh. District RRT investigated the outbreak. All cases treated symptomatically. 5 serum samples collected and sent to Kolkata, result awaited. Vitamin A supplementation given to all cases. Health education given regarding isolation and early treatment of cases.  |
| 8.      | Karnataka        | Chamarajanagar   | xvi Acute Diarrhoeal Disease | 15           | 1             | 07/04/12                  | 07/04/12          | Under control      | Cases reported from Village Upparashetty, PHC Amachavadi, Block Chamarajanagar, District Chamarajanagar. District RRT investigated the outbreak. All patients treated symptomatically. Stool samples were negative for Cholera. Chlorination of water sources done. ORS packets distributed in the affected area. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.   |
|         |                  | Mysore           | xvii Cholera                 | 181          | 0             | 04/04/12                  | 04/04/12          | Under control      | Outbreak reported from Villages Srirampura, Sharkarapura, PHC Nanjangud, Block Nanjangud, District Mysore. District RRT investigated the outbreak. House to house survey done for finding new cases. Symptomatic treatment done. Out of 10 stool samples collected, 2 were positive for Cholera culture. ORS packets distributed in the affected area. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.          |
|         |                  | Tumkur           | xviii Cholera                | 27           | 1             | 06/04/12                  | 07/04/12          | Under control      | Outbreak reported from Village Honnavali, PHC Honnavali, Block Tiptur, District Tumkur. District RRT investigated the outbreak. House to house survey done for finding new cases. Out of 3 stool samples collected, 2 were positive for Cholera culture (serotype Ogawa). ORS packets distributed in the affected area. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.   |
| 9.      | Kerala           | Kollam           | xix Viral Hepatitis-A        | 30           | 0             | 06/04/12                  | 07/04/12          | Under control      | Outbreak reported from Village Yeroor, PHC yeroor, Block Anchal, District Kollam. District RRT investigated the outbreak. Temporary medical camps organized. House to house survey done for finding new cases. Out of 10 serum sample 2 were positive for Hepatitis A (Ig M ELISA). Symptomatic treatment of patients done. Chlorination of water sources done. 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 | No. of Deaths | Date of start of outbreak | Date of reporting | Current Status     | Comments/ Action taken   |
|---------|------------------|------------------|-------------------------------|--------------|---------------|---------------------------|-------------------|--------------------|--|
|         | Kerala           | Trivandrum       | xx Food Poisoning             | 15           | 0             | 04/04/12                  | 07/04/12          | Under control      | Cases reported from Village Palliyara, PHC Mudakkal, Block Vakkom, District Trivandrum, due to consumption of food given in Temple (Prasadam). District RRT investigated the outbreak. Symptomatic treatment of patients done. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.   |
|         |                  | Wayanad          | xxi Food Poisoning            | 13           | 0             | 04/04/12                  | 07/04/12          | Under control      | Cases reported from a tribal colony (Karimom Colony) Village & PHC Pulpally, Block Mathera, District Wayanad, due to consumption of contaminated food. District RRT investigated the outbreak. Symptomatic treatment of patients done. Stools samples were negative for cholera culture. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures. |
| 10.     | Madhya Pradesh   | Vidisha          | xxii Chickenpox               | 13           | 0             | 05/04/12                  | 08/04/12          | Under control      | Cases reported from Village Garm-Rojroo Ganjbasoda, District Vidisha. District RRT investigated the outbreak. All cases treated symptomatically. Health education given regarding isolation of cases.  |
| 11.     | Punjab           | Mansa            | xxiii Chickenpox              | 12           | 0             | 03/04/12                  | 04/04/12          | Under surveillance | Cases of fever with rash reported from Village Adamke, PHC Sardulgarh, District Mansa. District RRT investigated the outbreak. All the cases were less than 16 years of age. All cases treated symptomatically. Health education given regarding isolation of cases.   |
| 12.     | Rajasthan        | Alwar            | xxiv Acute Diarrhoeal Disease | 39           | 0             | 31/03/12                  | 03/04/12          | Under control      | Outbreak reported from Village Kerva Jaat, Subcentre Kherli Sayad, PHC Utwal, Block Ramgarh, District Alwar. District RRT investigated the outbreak. All patients treated symptomatically. Chlorination of water sources done. ORS packets distributed in the affected area. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.                      |
|         |                  | Jaipur           | xxv Food Poisoning            | 339          | 0             | 03/04/12                  | 04/04/12          | Under control      | Outbreak reported from PHC Jamdoli, Block Sirsi, District Jaipur, due consumption of contaminated food (Dinner party). District RRT investigated the outbreak. Symptomatic treatment of patients done. Food samples collected and sent to Food Lab, Swasthya Bhavan; result awaited. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.     |
| 13.     | Tamil Nadu       | Dharmapuri       | xxvi Dengue                   | 37           | 0             | 04/04/12                  | 07/04/12          | Under control      | Outbreak reported from Village Vathalpatti, PHC Poochur, Block Pennagaram, District Dharmapuri. District RRT investigated the outbreak. Serum samples 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   |
|---------|------------------|------------------|---------------------|--------------|---------------|---------------------------|-------------------|--------------------|--|
|         | Tamil Nadu       | Sivaganga        | xxvii Fever         | 9            | 1             | 03/04/12                  | 03/04/12          | Under control      | Cases reported from Village Kanoor, PHC Poovandhi, District Sivaganga. District RRT investigated the outbreak. House to house survey done. 4 Serum Samples collected and sent to ZET, Virudhnagar; results awaited. All cases treated. Fogging, Anti larval and source reduction activities done. Health education given regarding personal protection.  |
| 14.     | Tripura          | North Tripura    | xxviii Chicken pox  | 7            | 1             | 02/04/12                  | 08/04/12          | Under control      | Cases of fever with rashes reported from Nil-Kumar para, Village Deovaly, Block Kumarghat, District North Tripura. District RRT visited and investigated the outbreak. All cases treated symptomatically. Health education given regarding isolation of cases.   |
| 15.     | Uttar Pradesh    | Lucknow          | xxix Chickenpox     | 16           | 0             | 02/04/12                  | 7/04/12           | Under control      | Cases reported from Village Miranpur Pinwat, CHC Sarojnagar, District Lucknow. District RRT visited investigated the outbreak. All cases treated symptomatically. Health education given regarding isolation of cases.   |
|         |                  | Unnao            | xxx Food Poisoning  | 111          | 0             | 28/03/12                  | 03/04/12          | Under control      | Outbreak reported from Town Area Mohan, PHC Mohan, CHC Hasanganj, District Unnao due to consumption of contaminated food (Prashad). District RRT investigated the outbreak. Temporary camps organized. All cases treated. ORS packets and chlorine tablets distributed in the affected area. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures. |
| 16.     | West Bengal      | Howrah           | xxxi Food Poisoning | 47           | 0             | 27/03/12                  | 27/03/12          | Under surveillance | Outbreak reported from Villages Bargachia & SK.Para, Subcentre Roy Para, Block Jagatballavpur, District Howrah, due to consumption of contaminated food. District RRT investigated the outbreak. All cases treated. ORS packets and chlorine tablets distributed in the affected area. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.       |

| 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.  | Assam            | Chirang          | xxxii Chickenpox | 15    | 0      | 26/03/12                  | Under control      | Cases reported from Villages Tibi Tola, Rohin Tola, Nepalpara, Subcentre Garubhasa, BPHC Sidli, District Chirag. District RRT investigated the outbreak. House to house survey done. All cases treated symptomatically. Health education given regarding isolation of cases.  |
| 2.  | Bihar            | Sitamarhi        | xxxiii Measles   | 20    | 0      | 27/03/12                  | Under surveillance | Outbreak reported from Village Kauriya, Subcentre Lalpur, PHC Runnisaidpur, District Sitamarhi. Block health team investigated the outbreak. All cases treated symptomatically. Health education given regarding isolation and early treatment of cases.  |
|   |                  | Madhubani        | xxxiv Measles    | 49    | 0      | 02/03/12                  | Under control      | Outbreak reported from Village Hairbhange (Makri Mushhari), Subcentre Umari, PHC Lakhanaur, District Madhubani. District RRT investigated the outbreak. House to house search for new cases done. All cases treated symptomatically, Vitamin A supplementation given to all cases and Measles vaccination done in the affected area. Health education given regarding isolation and early treatment of cases. |
|   |                  | Rohtas           | xxxv Chickenpox  | 64    | 0      | 10/03/12                  | Under control      | Outbreak reported from Village Govindapur, Subcentre Milki, PHC & Block Rohtas, District Rohtas. District RRT investigated the outbreak. All cases treated symptomatically. Health education given regarding isolation of cases.  |
|   |                  | Supaul           | xxxvi Measles    | 21    | 0      | 26/03/12                  | Under surveillance | Outbreak reported from Block Kishanpur, District Supaul. Block Health team investigated the outbreak. All cases treated symptomatically. Affected children were less than 10 years of age. Health education given regarding isolation of cases.   |
| 3.  | Kerala           | Thrissur         | xxxvii Measles   | 18    | 0      | 19/03/12                  | Under control      | Cases reported from Village Varantharapilly, PHC Varantharapillym, Block Kodakara, District Thrissur. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were below 5 years of age. Vitamin-A supplementation given to all children in the affected area. Health education given regarding isolation and early treatment of cases.                                  |
|   |                  | Thrissur         | xxxviii Measles  | 12    | 0      | 24/03/12                  | Under control      | Cases reported from Village Edakazhiyur, PHC Punnayur, Block Chavakad, District Thrissur. District RRT investigated the outbreak. All cases treated symptomatically. Vitamin-A supplementation given to all children in the affected area. Health education given regarding isolation and early treatment of cases.   |
| 4.  | Madhya Pradesh   | Sagar            | xxxix Measles    | 26    | 0      | 10/03/12                  | Under control      | Outbreak reported from Urban Slum area Khanka Ward, Sagar city, District Sagar. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were less than 13 years of age. Vitamin A supplementation given to all cases and Measles vaccination done in the affected area. Health education given regarding isolation 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  |
| 5.  | West Bengal      | Bankura          | xI Mumps         | 27    | 0      | 13/03/12                  | Under control  | Outbreak reported from Village Lowbagan, Subcentre Morar, Block Radhanagar, District Bankura. District RRT investigated the outbreak. House to house survey done. All the cases were in the age group 7-15yrs. Health education given regarding isolation of cases. |

| FOLLOW UP OF DISEASE OUTBREAKS OF PREVIOUS WEEKS |                  |                  |                     |              |               |                           |                    |  |
|--|------------------|------------------|---------------------|--------------|---------------|---------------------------|--------------------|--|
| Sl. No   | Name of State/UT | Name of District | Disease/ Illness    | No. of Cases | No. of Deaths | Date of start of outbreak | Current Status     | Comments/ Action taken   |
| 1.   | Andhra Pradesh   | Hyderabad        | Influenza A<br>H1N1 | 15#          | 2#            | 01/03/12                  | Under surveillance | It was mentioned in the previous week (week ending 1 <sup>st</sup> April 2012) that 61 cases and 4 deaths occurred in Andhra Pradesh due to Influenza A H1N1. From 2 <sup>nd</sup> April to 8 <sup>th</sup> April 2012, further 15 cases and 2 death occurred in the state. These new cases are mostly reported from Hyderabad and Ranga Reddy districts                     |
| 2.   | Maharashtra      | Pune             | Influenza A<br>H1N1 | 101#         | 5#            | 05/03/12                  | Under surveillance | It was mentioned in the previous week (week ending 1 <sup>st</sup> April 2012) that 297 cases and 10 deaths occurred in Maharashtra due to Influenza A H1N1. From 2 <sup>nd</sup> April to 8 <sup>th</sup> April 2012, further 101 cases and 5 death occurred in the state. These new cases are mostly reported from Pune, Nagpur, Thane, Mumbai and Nasik districts.        |
| 3.   | Rajasthan        | Jaipur           | Influenza A<br>H1N1 | 24#          | 1#            | 25/02/12                  | Under surveillance | It was mentioned in the previous week (week ending 1 <sup>st</sup> April 2012) that 70 cases and 7 deaths occurred in Rajasthan due to Influenza A H1N1. From 2 <sup>nd</sup> April to 8 <sup>th</sup> April 2012, further 24 cases and 1 death occurred in the state. These new cases are mostly reported from Jaipur, Jodhpur, Pali, Bikaner, Ajmer, and Nagore districts. |

#: Cases & Deaths reported from 2<sup>nd</sup> April to 8<sup>th</sup> April, 2012