

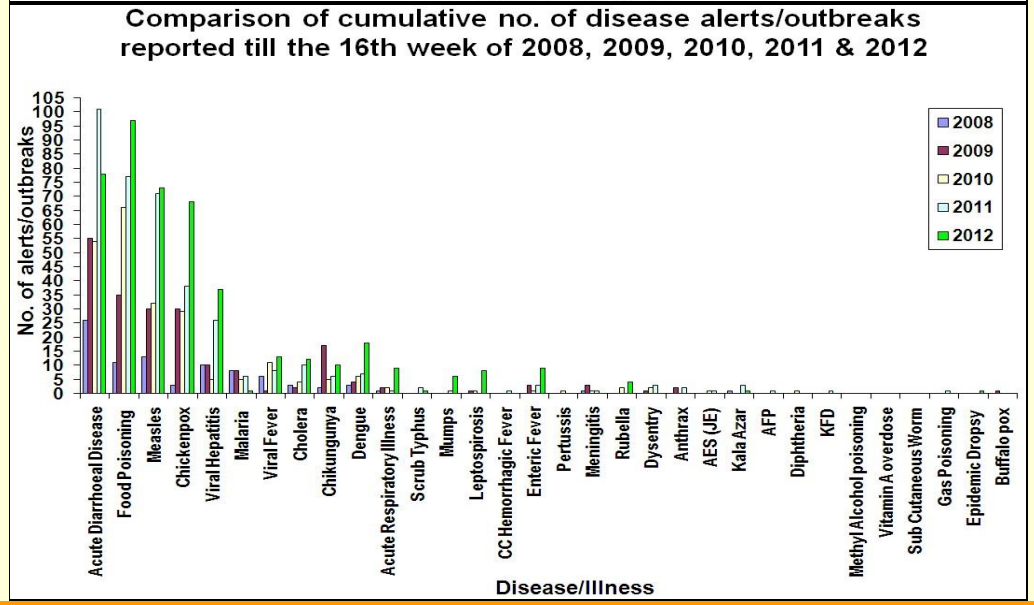
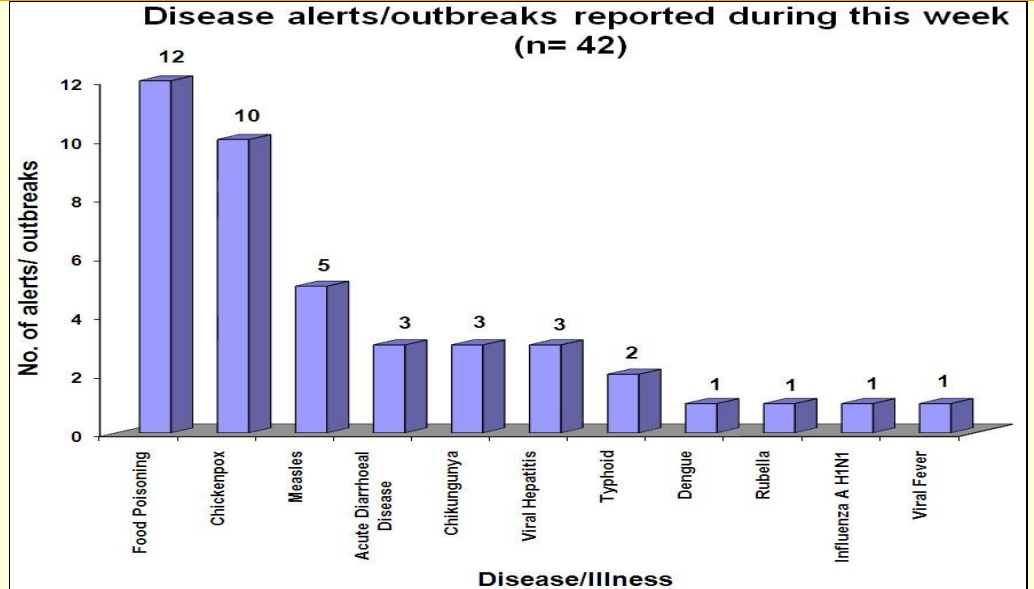
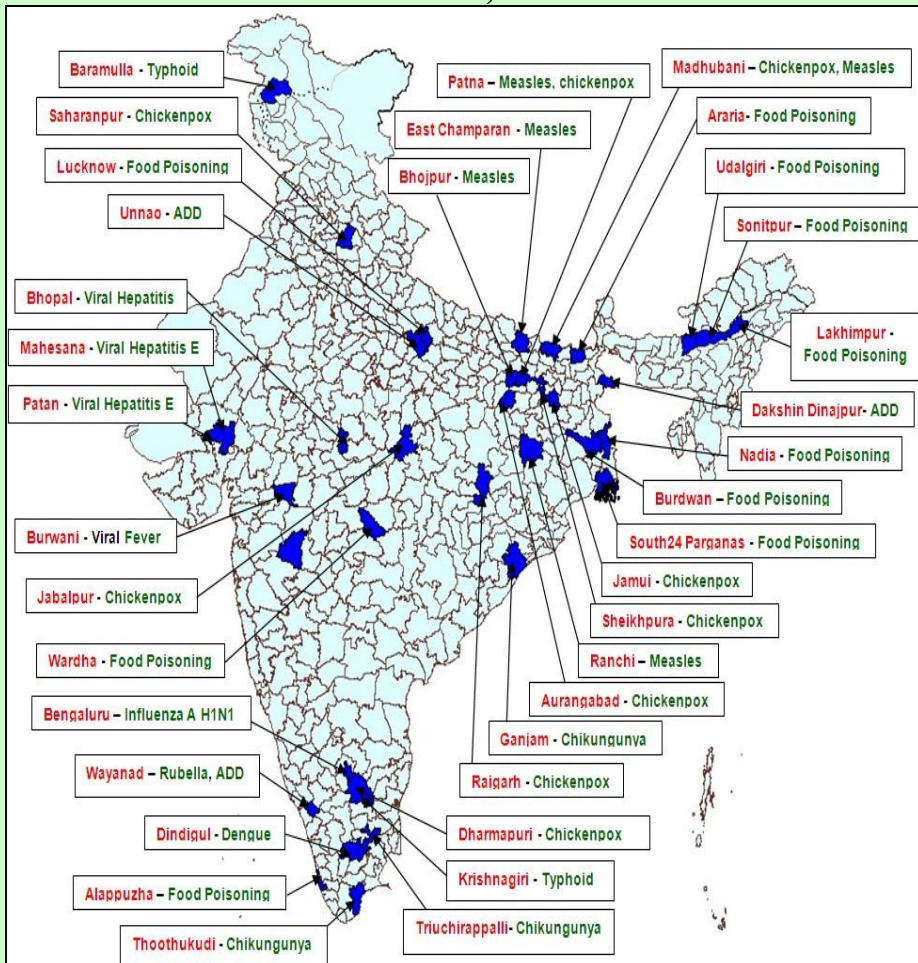


# DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

16<sup>th</sup> week (16<sup>th</sup> - 22<sup>nd</sup> April ) 2012



## District wise disease alerts/outbreaks reported in the 16<sup>th</sup> week, 2012



### REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	28
No. of States/ UTs submitted "NIL" outbreak report	14

INTEGRATED DISEASE SURVEILLANCE PROJECT, NATIONAL CENTRE FOR DISEASE CONTROL, DELHI

Tel No. 23913148, Fax No. 23922677; www.idsp.nic.in

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.	Assam	Lakhimpur	i Food Poisoning	14	0	19/04/12	21/04/12	Under control	Case reported from Vill. No.2 Nimuri Gaon, SHC Simoluguri, PHC Dhalpur, Block Dhalpur, District Lakhimpur, due consumption of contaminated food (mushroom). District RRT investigated the outbreak. All cases treated at North Lakhimpur Civil Hospital. Food samples collected and sent for laboratory examination; result awaited. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
			ii Food Poisoning	12	0	21/04/12	21/04/12	Under control	Case reported from Village Bhitripam, SC Nizarapara, PHC Nowboicha, Block Nowboicha, District Lakhimpur, due consumption of contaminated food (mushroom). District RRT investigated the outbreak. All cases treated at North Lakhimpur Civil Hospital. Food samples were not available for laboratory examination. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
		Udalguri	iii Food Poisoning	17	0	20/04/12	21/04/12	Under control	Cases reported from Village Amguri, SC Amjuri, PHC Dimakuchi, Block Khoirabari, District Udalguri, due to consumption of contaminated food (Mushroom). District RRT investigated the outbreak. All cases treated. Food samples were not available for laboratory examination. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
		Sonitpur	iv Food Poisoning	13	0	20/04/12	21/04/12	Under control	Cases reported from Village Aahubari, SC Pavoi TE, Block Biswanath Chariali District Sonitpur, due to consumption of contaminated food (Mushroom). District RRT investigated the outbreak. All cases treated at KCH Civil Hospital. Food samples were not available for laboratory examination. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
2.	Bihar	Araria	v Food Poisoning	60	0	14/04/12	18/04/12	Under Control	Outbreak reported from Barkhumba Middle school, Village Barkhumba, PHC Sohanpur Hat, Block Palasi, District Araria due to consumption of contaminated food (mid day meal). District RRT investigated the outbreak. All cases treated symptomatically. Food samples were not available for laboratory examination. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
		Aurangabad	vi Chickenpox	52	0	15/04/12	19/04/12	Under Control	Outbreak reported from Village Bardiha, SC Bahuwara, Village Chanda, SC Dihra, Village & SC Bedhni, Village Manjhaoli, SC Ketaki, PHC & Block Dev, District Aurangabad. District RRT investigated the outbreak. All cases treated symptomatically. 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
3.	Bihar	Jamui	vii Chickenpox	53	0	20/04/12	21/04/12	Under Control	Outbreak reported from Village Karampura, PHC & Block Khaira, District Jamui. District RRT investigated the outbreak. House to house search for cases done. All cases treated symptomatically. Health education given regarding isolation of cases and personal hygiene maintenance.
		Madhubani	viii Chickenpox	61	0	13/04/12	20/04/12	Under Control	Outbreak reported from Village & HSC Zafra, PHC & Block Bisfi, District Madhubani. District RRT investigated the outbreak. House to house search for cases done. All cases treated symptomatically. Health education given regarding isolation & early treatment of cases.
		Patna	ix Measles	14	0	15/04/12	21/04/12	Under Control	Cases reported from Village Ullar Bhalua, SC Lala Bhabshara, PHC & Block Dulhin Bazar, District Patna. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were less than 10 years of age. Health education given regarding isolation of cases.
		East Champaran	x Measles	19	0	18/04/12	18/04/12	Under Control	Outbreak reported from Villages Chaita, Harijan Tola Choarma Asthan, SC Chaita, PHC Pakridayal, District East Champaran. District RRT investigated the outbreak. All cases treated symptomatically. Vitamin A Solution given to all cases. IEC activities done.
4.	Gujarat	Mahesana	xi Viral Hepatitis E	7	0	18/04/12	19/04/12	Under Surveillance	Cases reported from Urban area Shakti Nagar Society, Mahesana, Block Mahesana, District Mahesana District RRT investigated the outbreak. 7 serum sample taken for testing for Hepatitis A and E to B.J. Medical College, Ahmedabad. All samples tested positive for Hepatitis E (ELISA). Pipeline leakage repaired. Active surveillance and chlorination of water sources undertaken. Health education given.
		Patan	xii Viral Hepatitis E	25	0	21/04/12	21/04/12	Under Control	Outbreak reported from Village Pirojpur, PHC Sipur, Block Sami, District Patan. District RRT investigated the outbreak. House to house surveillance done and chlorine tablets distributed. Serum samples tested positive for Hepatitis E (ELISA). 4 Stool sample taken, all of which tested positive for <i>E.coli</i> . Health education given.
5.	Kerala	Alappuzha	xiii Food Poisoning	11	0	16/04/12	20/04/12	Under control	Cases reported from Urban area of Alappuzha Municipality, District Alappuzha, due to consumption of contaminated food (House warming ceremony). District RRT investigated the outbreak. All cases treated. Food samples were not available for laboratory examination. IEC activities undertaken regarding safe food and 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
6.	Kerala	Wayanad	xiv Acute Diarrhoeal Disease	13	0	16/04/12	20/04/12	Under control	Cases reported from Village Padichira, SC Palakkolly, PHC Mullankolly Block Bathery, District Wayandu. District RRT investigated the outbreak. All cases treated symptomatically. House to house survey done for finding new cases. Temporary clinics organized for treatment of cases. Water sources chlorinated. ORS packets and halogen tablets distributed. Health education given regarding hygiene and sanitation.
7.	Maharashtra	Wardha	xv Food Poisoning	550	0	17/04/12	17/04/12	Under Control	Cases of abdominal pain and vomiting reported from Village Anji, PHC Anji, Block Wardha, District Wardha, due to consumption of contaminated food. (religious festival). District RRT investigated the outbreak. 3 vomitus samples sent to Referral Lab, GMC, Nagpur; results awaited. 3 more vomitus samples sent to Sevagram Medical College, Wardha. Samples tested positive for <i>E.coli</i> . One stool sample and food samples collected by FDA and sent to PH Lab, Pune; results awaited. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
8.	Madhya Pradesh	Burwani	xvi Viral Fever	62	0	15/04/12	18/04/12	Under Control	Outbreak reported from Village Bavadiya, Block Thikri, District Burwani. District RRT investigated the outbreak. House to house search for fever cases done. All cases treated symptomatically. 7 serum samples collected and sent to Indore Medical College, Indore which tested negative for Chikungunya by IgM ELISA. Abate application and anti adult measures like fogging activities done. IEC done regarding personal protection.
9.	Odisha	Ganjam	xvii Chikungunya	79	0	14/04/12	18/04/12	Under Control	Outbreak from Village Golabandha, GP Golabandha, Block Rangailunda, District Ganjam. District RRT investigated the outbreak. 21 blood sample collected and sent to MKCG (Maharaja Krishna Chandra College) Medical College, Berhampur for testing for Chikungunya and Dengue. 7 samples tested positive for Chikungunya by IgM ELISA. Symptomatic treatment provided to all affected persons. Source reduction activities undertaken. IEC regarding proper covering of cisterns given.
10.	Tamil Nadu	Dindigul	xviii Dengue	12	0	16/04/12	21/04/12	Under Control	Cases reported from Village Kottaikaranpatty, SC Kanavaipatty, PHC Gopalpatty, Block Shanarpatty, District Dindigul. District RRT investigated the outbreak. Entomological survey revealed a high density of mosquito larva in the area. 12 blood smears collected and examined for Malarial parasite. All tested negative. 6 Blood serum samples were collected and sent to ZET, Dindigul for serological investigation. 5 samples tested positive for Dengue by IgM ELISA. Source reduction activities with Abate application done. Fogging operations undertaken. Medical team posted on site for treatment of patients. Health education 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
11.	Tamil Nadu	Dharmapuri	<b>xxix Chickenpox</b>	28	0	19/04/12	20/04/12	Under Control	Cases reported from Village H.Nachinampatti, SC Erukkampatti, PHC Chinnankuppam, District Dharmapuri. District RRT investigated the outbreak. House to house search for cases done. All cases treated symptomatically. Health education given regarding isolation of cases and personal hygiene maintenance.
		Krishnagiri	<b>xx Typhoid</b>	12	0	19/04/12	20/04/12	Under Surveillance	Cases reported from village Karungan Kottai, HSC Anchoor, PHC Jegadevi, Block Bargur, District Krishnagiri. District RRT and investigated the outbreak. 4 samples sent to IVCZ, Hosur. The samples tested positive for Typhoid by culture. Active supervision started by Block RRT team. Chlorination of local water sources and disinfection activities undertaken. Safe drinking water provided to local population. Health education given.
		Tiruchirapalli	<b>xxi Chikungunya</b>	29	0	16/04/12	18/04/12	Under Control	Cases reported from Antoniyar Kovil Street, village Govandakurichi, HSC Puthurpalayam, PHC Pullambadi, Block Pullambadi, District Tiruchirapalli. District RRT investigated the outbreak. On house-to-house survey it was found that there are a number of breeding sources in the locality with high density of <i>Aedes</i> mosquito larvae. 6 serum samples collected and sent to SE, ZET, Trichy for analysis. 5 samples found positive for Chikungunya, and 1 for both Dengue and Chikungunya by IgM ELISA. Source reduction activities with Abate application and Fogging operations done. IEC given to local population.
		Thoothukudi	<b>xxii Chikungunya</b>	12	0	17/04/12	22/04/12	Under Control	Cases reported from village Athimarapatti, HSC Athimarapatti, PHC Pudukottai, Block Pudukottai, District Thoothukudi. District RRT investigated the outbreak. 12 blood smears collected and analyzed. All tested negative for malaria. 8 samples collected and analyzed at ZET, Tiruunelveli for Typhoid, Dengue, and Chikungunya. 6 samples tested positive for Chikungunya by IgM ELISA. Source reduction activities with Abate application and Fogging undertaken. IEC given to local population.
12.	Uttar Pradesh	Lucknow	<b>xxiii Food Poisoning</b>	6	1	18/04/12	21/04/12	Under Control	Cases reported from Village Ramchaura, SC Banthara, CHC Sarojnagar, District Lucknow due to consumption of contaminated food (Rice and chana). District RRT investigated the outbreak. All cases treated at local health centre. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
		Unnao	<b>xxiv Acute Diarrhoeal Disease</b>	75	0	18/04/12	21/04/12	Under Control	Outbreak reported from Village Hajipur Baburi, SC Maharajganj, CHC & Block Hasanganj, District Unnao due to consumption of contaminated water. District RRT investigated the outbreak. All cases treated symptomatically. Chlorination of water sources done. IEC activities done regarding safe drinking water.

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
13.	West Bengal	South 24 Parganas	xxv Food Poisoning	42	0	17/04/12	18/04/12	Under Control	Outbreak reported from Talpukur High Madrasha School, Kankhuly Road, P.S.Rajabagan, Kolkata, District South 24 Parganas, due to consumption of contaminated food. District RRT investigated the outbreak. All cases treated. Food samples were not available for laboratory examination. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
		Burdwan	xxvi Food Poisoning	52	0	19/04/12	22/04/12	Under Control	Outbreak reported from Village Kuldanga, SC Parasia, G.P Parasia, Block Jamuria, District Burdwan, due to consumption of contaminated food. District RRT visited the area and investigated the outbreak. All cases treated. Food samples were not available for laboratory examination. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
		Nadia	xxvii Food Poisoning	22	0	18/04/2012	19/04/12	Under Control	Outbreak reported from Village Bijoypur, SC Majherpara, G.P Mariyari Banpur, Block Krishnaganj, District Nadia, due to consumption of contaminated food. Vomitus samples have been collected and sent to WBPPL lab; results awaited. All patients treated symptomatically. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
		Nadia	xxviii Food Poisoning	58	0	18/04/12	18/04/12	Under Control	Outbreak reported from Village Haripukur, GP Fatepur, Block Haringhata, SD Kalyani, District Nadia, due to consumption of locally made ice-cream. Block medical team investigated 11 food (ice-cream) samples sent to WBPPL; results awaited. All patients given preliminary treatment at local health centers. IEC activities undertaken regarding safe food and drinking water, hygienic practices and sanitation measures.
		Dakshin Dinajpur	xxix Acute Diarrhoeal Disease	80	0	19/04/12	20/04/12	Under Surveillance	Outbreak reported from Village Gupinathpur, Block Tapan, District Dakshin Dinajpur. District RRT investigated the outbreak. All cases given symptomatic treatment locally. Health education given.

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.	Bihar	Bhojpur	xxx Measles	10	0	07/04/12	Under Control	Cases reported from Village & SC Garhani, PHC Garhani, District Bhojpur. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were in age group 2 years to 12 years. Vitamin A solution given to all cases and Measles vaccination done in the affected area. Health education given regarding isolation and early treatment of cases.
		Madhubani	xxxi Measles	8	1	20/03/12	Under control	Cases reported from Village Belitola Musahari, SC Mahpatiya, PHC & Block Madhepur, District Madhubani. District RRT investigated the outbreak. House to house search for cases done. All cases treated symptomatically. Affected children were less than 5 years of age. Vitamin-A solution given to all cases and Measles vaccination done in the affected area. Health education given regarding isolation of cases.
		Patna	xxxii Chickenpox	20	0	07/04/12	Under control	Outbreak reported from Village Islampur, SC Hathitola and Maner Balupar, PHC & Block Maner, District Patna. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were less than 10 years of age. Health education given regarding isolation of cases.
		Patna	xxxiii Chickenpox	17	0	09/04/12	Under Control	Cases reported from Village Nagwan, SC Koriyawan, PHC & Block Phulwarisarif, District Patna. District RRT investigated the outbreak. House to house search for cases done. All cases treated symptomatically. Health education given regarding isolation of cases.
		Shekhpura	xxxiv Chickenpox	11	0	03/04/12	Under Control	Cases reported from Village Bihta, SC Aundhe, PHC & Block Sheikhpura, District Sheikhpura. District RRT investigated the outbreak. House to house search for cases done. All cases treated symptomatically. Health education given regarding isolation of cases.
2.	Chhattisgarh	Raigarh	xxxv Chickenpox	18	0	10/04/12	Under Control	Cases reported from Village Bamhanpali, SC Mahupali, PHC Chaple, Block Kharsia, District Raigarh. Block health team investigated the outbreak. House to house search for cases done. All cases treated symptomatically. Affected children were less than 14 years of age. Health education given regarding isolation of cases.
3.	Jharkhand	Ranchi	xxxvi Measles	9	0	09/04/12	Under Control	Cases reported from Village Nayasharai, SC Nagari, PHC & Block Ratu, District Ranchi. Block health team investigated the outbreak. All cases treated symptomatically. Vitamin A solution given to all cases and Measles immunization done in the affected area. Health education given regarding isolation of cases.
4.	Jammu & Kashmir	Baramulla	xxxvii Typhoid	100	0	10/04/12	Under Control	Outbreak reported from Village Dardpora, CHC & Block Kreeri, District Baramulla. District RRT investigated the outbreak. All cases treated at CHC Kreeri. 10 serum samples collected and sent to State Public Health Lab Barzulla, Srinagar which tested positive for Typhoid by IgM Typhidot. Health Education given regarding safe drinking water and sanitation.

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.	Karnataka	Bengaluru	xxxviii Influenza A H1N1	155*	6*	26/03/12	Under Surveillance	Increased number of H1N1 positive cases and deaths are being reported from the state from last week of March 2012. In response, the state government has conducted sensitization workshops for Private and Government healthcare institutions. They have been advised to follow early detection and treatment protocol for suspected H1N1 cases without waiting for laboratory confirmation. Another workshop was conducted for specialists of these institutions to discuss guidelines on sample collection & reporting. 9 Government institutions have been indentified in Bengaluru for treating suspected H1N1 cases. Sufficient stocks of Tamiflu have been accumulated to deal with eventualities. Regular reporting has been initiated.
6.	Kerala	Wayanad	xxxix Rubella	17	0	12/03/12	Under control	Cases reported from Village & PHC Pozhuthana, Block Kalpetta, District Wayanad. District RRT investigated the outbreak. All cases treated symptomatically. House to house survey done for finding new cases. All cases were less than 8 years of age. 5 serum samples collected and tested positive for Rubella. Vitamin A supplementation given to all cases and immunization done in the affected area. Health education imparted regarding isolation of cases.
7.	Madhya Pradesh	Bhopal	xl Viral Hepatitis	60	0	29/03/12	Under Control	Outbreak reported from Manit college, City Bhopal, District Bhopal due to consumption of contaminated water. District RRT investigated the outbreak. All cases treated symptomatically. 15 serum samples collected out of which 10 samples showed increased serum Bilirubin. Chlorination of water sources done. IEC activities done regarding safe drinking water and sanitation.
		Jabalpur	xli Chickenpox	11	0	02/04/12	Under Control	Cases reported from Village Amahinota, CHC Panagar, District Jabalpur. District RRT investigated the outbreak. House to house survey done for finding new cases. All cases treated symptomatically. Affected children were less than 10 years of age. Health education given regarding isolation of cases.
8.	Uttar Pradesh	Saharanpur	xlii Chickenpox	10	0	02/04/12	Under Control	Cases reported from Village Piki, PHC & Block Puwarka, District Saharanpur. Block health team investigated the outbreak. All cases treated symptomatically. Affected cases were under 17 years of age. Health education given regarding isolation of cases.

\*Cases and deaths reported from 26/03/12 to 22/04/12



**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 H1N1	07#	0#	01/03/12	Under Surveillance	96 cases and 8 deaths have been reported from Andhra Pradesh (upto 15 <sup>th</sup> April, 2012) due to Influenza A H1N1. From 16 <sup>th</sup> April to 22 <sup>nd</sup> April 2012, further 7 cases occurred in the state. These new cases were mostly reported from Hyderabad and Ranga Reddy districts.
2.	Maharashtra	Pune	Influenza A H1N1	30#	0#	05/03/12	Under Surveillance	451 cases and 20 deaths have been reported from Maharashtra (upto 15 <sup>th</sup> April, 2012) due to Influenza A H1N1. From 16 <sup>th</sup> April to 22 <sup>nd</sup> April 2012, further 30 cases occurred in the state. These new cases were mostly reported from Pune, Nashik, Mumbai and Nagpur districts.
3.	Rajasthan	Jaipur	Influenza A H1N1	10#	0#	25/02/12	Under Surveillance	119 cases and 12 deaths have been reported from Rajasthan (upto 15 <sup>th</sup> April, 2012) due to Influenza A H1N1. From 16 <sup>th</sup> April to 22 <sup>nd</sup> April 2012, further 10 cases occurred in the state. These new cases were mostly reported from Ajmer, Bikaner, Jaipur, Jodhpur and Nagore districts.
4.	Tamil Nadu	Chennai	Influenza A H1N1	24#	1#	02/04/12	Under Surveillance	It was mentioned in the previous week (week ending 15 <sup>th</sup> April 2012) that 38 cases and 1 death occurred in Tamil Nadu due to Influenza A H1N1. From 16 <sup>th</sup> April to 22 <sup>nd</sup> April 2012, further 24 cases and 1 death occurred in the state. These new cases were mostly reported from Chennai and Coimbatore districts.

#Cases and deaths reported from 16<sup>th</sup> April to 22<sup>nd</sup> April, 2012.