

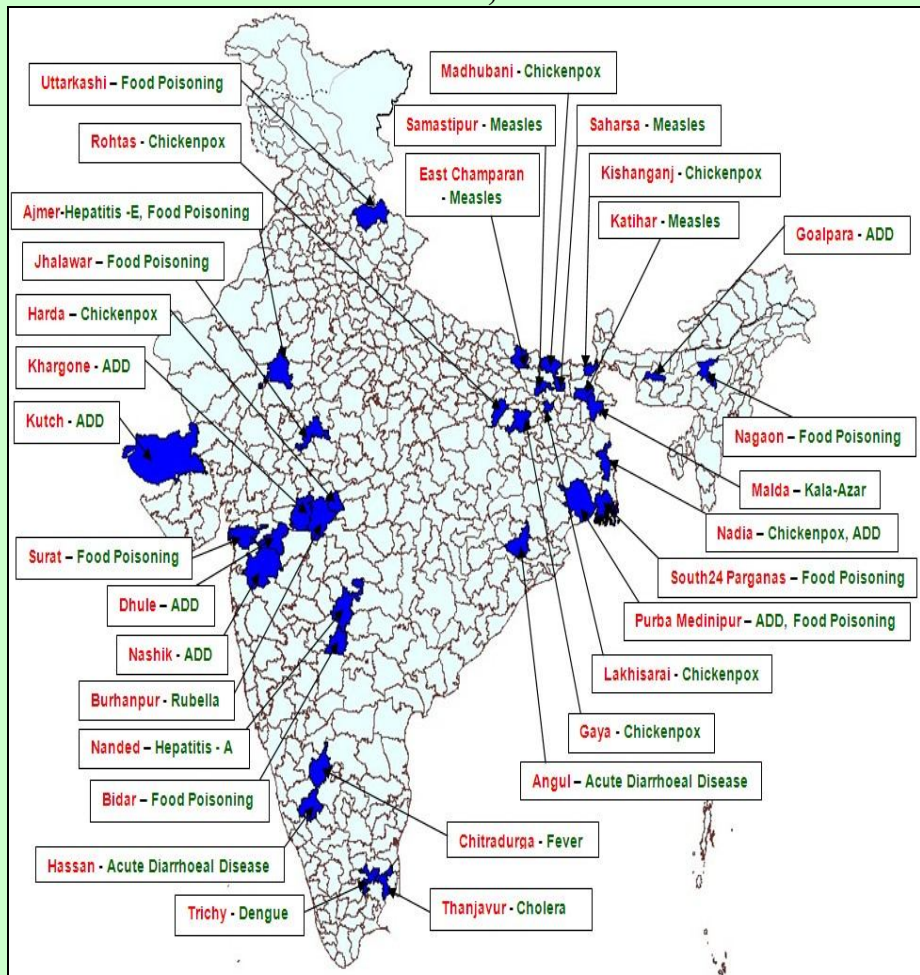


DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

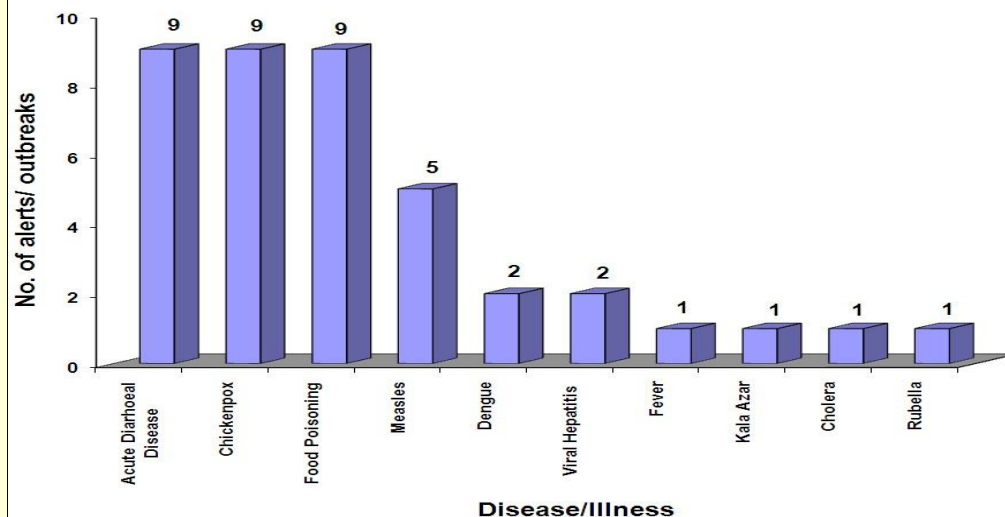
13th week (ending 1st April) 2012



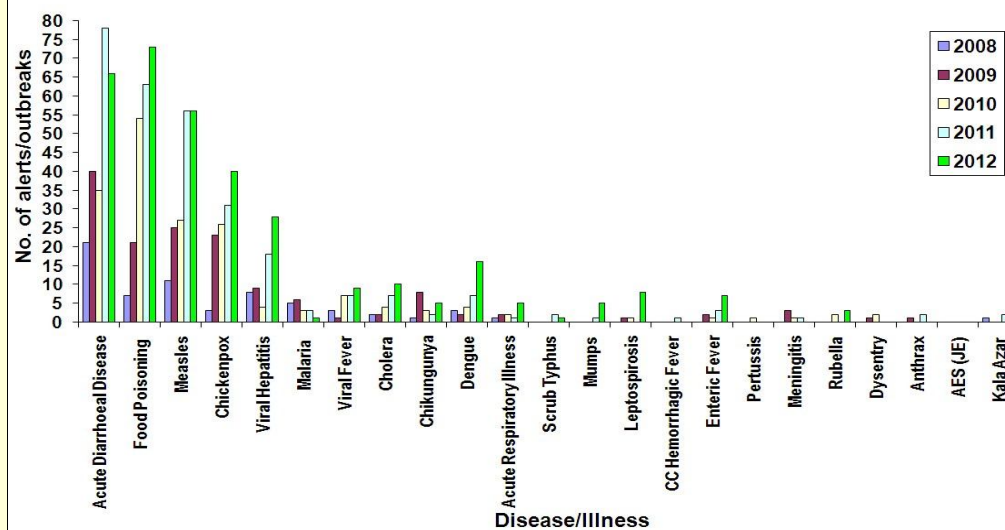
District wise disease alerts/outbreaks reported in the 13th week, 2012



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



Comparison of cumulative no. of disease alerts/outbreaks reported till the 13th week of 2008, 2009, 2010, 2011 & 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	15

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	Nagaon	i Food Poisoning	9	0	29/03/12	29/03/12	Under control	Cases of vomiting reported from Village Dikharumukh, SC Haldiati, BPHC Jugijan due to consumption of contaminated food (rice powder). District RRT investigated the outbreak. Treatment of patients done at CHC Doboka. IEC activities done regarding safe food habits.
2.	Bihar	East Champaran	ii Measles	15	0	26/03/12	28/03/12	Under surveillance	Cases reported from Village Vharwa Purbi, PHC and Block Sadar. District RRT investigated the outbreak. All cases treated symptomatically. Vitamin A solution given to all cases. Affected children were under 10 years of age. Health education given regarding isolation of cases.
		Samastipur	iii Measles	58	0	22/03/12	27/03/12	Under surveillance	Cases reported from Village Raipur, SC Gohi, PHC & Block Warisnagar. District RRT Investigated the outbreak. All cases treated symptomatically. Affected children were in age group 6 months to 11 years. Vitamin A solution given to all cases and Measles vaccination done in the affected area. Health education given regarding isolation of cases and early treatment.
		Katihar	iv Measles	14	0	24/03/12	27/03/12	Under surveillance	Cases of fever with rash reported from Village & HSC Mayamari, Village & HSC Nirpur, PHC Amdabad, Block Ahmedabad. Block health team investigated the outbreak. All cases treated symptomatically. Affected children were under 15 years of age. Health education given regarding isolation of cases and early treatment.
		Lakhisarai	v Chickenpox	18	0	26/03/12	28/03/12	Under surveillance	Cases of fever with rash reported Village and SC Gangasarai, PHC & Block Barhiya (Ward numbers 1 and 2). Block health team investigated the outbreak. All cases treated symptomatically. Affected children were under 15 years of age. Health education given regarding isolation of cases and early treatment.
		Saharsa	vi Measles	36	0	26/03/12	28/03/12	Under surveillance	Cases reported from Village Rajwara, PHC Kahara (Ward number 35), Block Sadar. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were under 10 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.
			vii Measles	9	0	27/03/12	28/03/12	Under surveillance	Cases reported from Village Ramtoal Situaha, PHC & Block Salkhua. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were under 10 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.

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	Bihar	Madhubani	viii Chickenpox	13	0	28/03/12	28/03/12	Under control	Cases reported from Village Pattitola and Laskshmipur, PHC Jhanjharpur, APHC Bhairabsthan. Block health team investigated the outbreak. House to house search of cases done. All cases treated symptomatically. Affected children were under 18 years of age. Health education given regarding isolation of cases.
3.	Madhya Pradesh	Burhanpur	ix Rubella	33	0	28/03/12	01.04.12	Under control	Outbreak reported from Urban Slum Area Khanka Ward, City Burhanpur. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were below 15 year of age. 5 serum samples taken, out of which 2 samples tested positive for Rubella by IgM ELISA. Health education given regarding isolation of cases.
		Harda	x Chickenpox	15	0	20/03/12	31/03/12	Under control	Cases reported from Village Palasner, Block Handiya, District Harda. District RRT investigated the outbreak. All cases treated symptomatically. Health education given regarding isolation of cases.
		Khargone	xi Acute Diarrhoeal Diseases	28	0	28/03/12	30/03/12	Under control	Cases of vomiting and abdominal pain reported from Village Onn, PHC & Block Onn, District Khargone due to consumption of contaminated water. District RRT investigated the outbreak. All cases treated symptomatically. Chlorination of water sources done. IEC activities undertaken regarding safe drinking water.
4.	Gujarat	Kutch	xii Acute Diarrhoeal Diseases	50	0	30/03/12	31/03/12	Under Surveillance	Outbreak reported from village Bitta Valadiya, SC Nagavaladiya, PHC Khedoi, Block Anjar. District RRT visited the area and investigated the outbreak. 2 water samples collected and sent to the lab for testing. Preliminary results indicate that water is not potable for drinking. Health camp organized and patients treated locally. ORS and Chlorine tablets distributed. Health education given.
		Surat	xiii Food Poisoning	9	0	27/03/12	29/03/12	Under surveillance	Cases reported from Swaminarayan Nagar, Municipality Puna after consumption of home-made food. District RRT visited the area and investigated the outbreak. Treatment given to affected cases. No food samples could be collected. Health education given in locality.
5.	Karnataka	Hassan	xiv Acute Diarrhoeal Disease	198	0	29/03/12	30/03/12	Under control	Outbreak reported from village Manichanahalli, PHC Hoovivanahalli Kavalu, Taluka Hassan possibly due to consumption of contaminated water. District and state health teams visited the area and investigated outbreak. 5 stool sample & 2 Vomit samples collected & sent to Referral Lab, HIMS, Hassan. All samples tested negative for <i>V.cholerae</i> by culture. 7 Food samples and 9 water samples collected and send to PHI, Bangalore. 4 samples tested positive for <i>Staphylococcus aureus</i> . Cases treated locally. Medicines distributed. Chlorination of water sources undertaken. Health education given.

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	Karnataka	Bidar	xv Food Poisoning	9	0	19/03/12	20/03/12	Under control	Cases of vomiting and diarrhea reported among children of age group 4-5 years in village Tugaon, PHC Mhekar, Taluka Bhalki after consumption of food at an Anganwadi centre. District RRT visited the area and investigated the outbreak. 2 food samples and 5 water samples collected, All water samples found to be potable. Results from food samples awaited. 7 children were treated at Bhalki General Hospital, 2 other children referred to District Hospital. All patients discharged after preliminary treatment. Health education regarding food hygiene imparted to Anganwadi staff and children.
		Chitradurga	xvi Fever	34	0	20/03/12	21/03/12	Under control	Outbreak reported from Village Chikkakabbigere, PHC Muddapura, Taluka Chitradurga. District RRT visited and investigated the outbreak. 5 serum samples collected. Samples tested for Widal and Dengue. All samples tested negative for respective tests. 27 Malaria slides prepared. All slides tested negative for malaria. Health education given.
6.	Maharashtra	Dhule	xvii Acute Diarrhoeal Disease	21	0	29/03/12	31/03/12	Under control	Outbreak reported from Village Damsarpada, PHC Thalne, Taluka Shirpur possibly due to contamination of drinking water. District RRT visited and investigated the outbreak. It was found that the surveillance of water in the area was irregular and the pipeline had leakages at multiple points. Cases were treated locally. No samples taken. Chlorination of water sources done. Health education given.
		Nashik	xviii Acute Diarrhoeal Disease	90	0	27/03/12	30/03/12	Under surveillance	Cases of abdominal pain, vomiting, and loose motions reported from Village Ramnagar, Subcenter Patole, PHC Thangaon, Block Sinnar possibly due to consumption of contaminated water. District RRT visited and investigated the outbreak. Medical camp organized and house-to-house survey conducted. 3 stool samples and 3 water samples collected and sent to DPHL, Nashik. 5 additional water samples sent to RH, Dodi. Results awaited. Control activities continued for next 7 days along with chlorination of water. Health education given.
7.	Odisha	Angul	xix Acute Diarrhoeal Disease	15	0	19/03/12	25/03/12	Under control	Cases reported from Ward no.4,5,6,7 of Talcher Municipality due to consumption of contaminated water. District RRT investigated the outbreak. Treatment of patients done at SD hospital Talcher. Chlorination of water sources done. IEC activities done regarding safe drinking water.
8.	Tamil Nadu	Trichy	xx Dengue	38	0	30/03/12	30/03/12	Under control	Outbreak reported from Village Panchara, PHC Nagathi, Block Thanjavur. District RRT visited the area and investigated the outbreak. Five serum samples collected and sent to Zonal Entomological Team (ZET) Lab, Trichy for analysis of Chikungunya, Dengue, and Typhoid. Samples tested positive for Dengue by IgM ELISA. House-to-house survey conducted and found that cisterns in houses had Aedes larvae. Antilarval work with abate and source reduction activities done. Indoor Thermal fogging

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									operation has been carried out. IEC given regarding covering the cisters with air proof lid and cleaning of the containers. Local population taught about personal protective measures.
	Tamil Nadu	Trichy	xxi Dengue	40	0	30/03/12	30/03/12	Under control	Outbreak reported from Village Periyakodunthurai, PHC Pulivalam, Block Musiri. District RRT visited the area and investigated the outbreak. It was found that due to scarcity of water there is a practice of water storage in the village. During house to house aedes survey it is found that water stored in cisterns inside and out side the houses are breeding places for <i>Aedes</i> larvae. Five serum samples collected and sent to Zonal Entomological Team (ZET) Lab, Trichy for analysis of Chikungunya and Dengue. Result awaited. 1 sample sent to KAPV Medical college tested positive for Dengue by serology. Indoor Thermal fogging operation carried out. Source reduction activity and anti-larval activity with abate undertaken. IEC has been given to the village people to cover the cisters with air proof lid and clean the containers.
		Thanjavur	xxii Cholera	3*	0	26/03/12	01/04/12	Under Surveillance	Cases reported from Village Pancharam, HSC Vayalur, PHC Nagathi, Block Thanjavur. District RRT visited the area and investigated the outbreak. 2 water samples taken and sent to Thanjavur Medical College. 1 sample tested positive for Cholera by culture. Chlorination of water sources done and disinfection of affected houses done. Treatment to contacts given. Health education given.
9.	Rajasthan	Ajmer	xxiii Hepatitis - E	15	0	26/03/12	28/03/12	Under control	Cases reported from Village and PHC Jawaja, Block Beaver, District Ajmer due to consumption of contaminated water. District RRT investigated the outbreak. 11 serum samples taken and sent to SMS Medical College, Jaipur. Out of these, 9 samples tested positive for Hepatitis – E by IgM ELISA. All cases treated symptomatically. Chlorination of water sources done. Health education given regarding safe drinking water and personal hygiene maintenance.
		Alwar	xxiv Food Poisoning	54	0	28/03/12	29/03/12	Under surveillance	Cases of diarrhoea and vomiting reported from Village Baddla & Chokuti, PHC Ram Nagar, CHC Khedali, Block Kherli due to consumption of contaminated food in death ceremony. District RRT investigated the outbreak. All cases treated symptomatically. IEC activities done regarding safe food habits.
		Jhalawar	xxv Food Poisoning	40	0	25/03/12	26/03/12	Under control	Cases of diarrhea and vomiting reported from Village Mayakhedi, SC Oditakhedi, CHC & Block Pidawa due to consumption of contaminated food in marriage party. District RRT investigated the outbreak. All cases treated symptomatically. Health education given regarding safe food habits.

* Cases tested in laboratory

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10.	Uttarakhand	Uttarkashi	xxvi Food Poisoning	7	2	29/03/12	29/03/12	Under control	Cases of diarrhea vomiting and abdominal pain reported from Village Sukkhi, PHC Harshil, Block Bhatwari due to consumption of contaminated food (non veg). District RRT investigated the outbreak. Treatment of patients done at District Hospital Uttarkashi. Health education given regarding safe food habits.
11.	West Bengal	Malda	xxvii Kala-Azar	20	0	27/03/12	28/03/12	Under surveillance	Cases of fever reported from Block Harischandrapur-II, Grampanchayat Malior-I, Village Samookha. Samples tested by rk39 rapid testing kit. 6 samples tested positive for Kala-Azar. District RRT investigated the outbreak. Preliminary treatment given and treatment card prepared. Proper monitoring and check up initiated. Mosquito nets distributed. IEC activities undertaken.
		Purba Medinipur	xxviii Acute Diarrhoeal Disease	20	0	27/03/12	28/03/12	Under control	Cases of diarrhea reported from Village Brindabanpur, Grampanchayat Santipur-II, Block Sahid Matangini. Medical team investigated the outbreak. Water samples tested. Disinfection of pond done by bleaching powder. ORS distributed. Health education given.
			xxix Food Poisoning	165	0	28/03/12	29/03/12	Under control	Outbreak reported from Village Gazipur, Sub-center Rangibasan, Grampanchayat Natshal-I, Block- Mahishadal. On receipt of the information. Medical team investigated the outbreak. No food samples taken. All cases treated at local health center. Health education given.
		South 24 Parganas	xxx Food Poisoning	69	0	30/03/12	31/03/12	Under control	Cases of vomiting and abdominal pain reported from Gunasindhu Balika Vidyalay, Village Khari, Grampanchayat Khari, Block Mathurapur. District RRT investigated the outbreak. Food Sample sent to Central Combined lab, Kolkata. Lab result awaited. All cases treated by health teams. Health education given.
			xxxi Food Poisoning	63	0	28/03/12	30/03/12	Under control	Outbreak reported from Bhadura Girls School, Village Bhadura, Police Station Ramnagar. District RRT investigated the outbreak. The possible cause was mid day meal spoiled by hot weather. Health team deployed in the area. All cases treated at local health center. Health education given.
		Nadia	xxxii Acute Diarrhoeal Disease	41	0	29/03/12	30/03/12	Under surveillance	Cases of loose motion, pain abdomen, and vomiting reported from Village Baikunthanthosarak, Grampanchayat Dogachi, Block Krishna Nagar - I following consumption of food at a local festival. Medical team investigated the outbreak. 2 stool samples taken and sent to NICED, Kolkata. Results awaited. Cases treated at local health center. IEC 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.	Assam	Goalpara	xxviii Acute Diarrhoeal Disease	11	1	18/03/12	Under Control	Cases of loose motion reported from Village Monakosa, SC Chotipara, PHC & Block Agia due to consumption of contaminated water. Block health team investigated the outbreak. All cases treated symptomatically. 12 water samples tested by H2S kit, out of which 9 samples showed foecal contamination. Chlorination of water sources done. Health education given regarding safe drinking water.
2.	Bihar	Gaya	xxix Chickenpox	13	0	18/03/12	Under Surveillance	Cases of fever with vesicular rash reported from Village Aropur, SC Bartara, PHC Tankuppa. District RRT investigated the outbreak. All cases treated symptomatically. IEC activities done regarding isolation of cases.
			xx Chickenpox	41	2	16/03/12	Under Surveillance	Cases of fever with vesicular rash reported from Village Jaggannathpur, SC Jamune, PHC Town block. District RRT investigated the outbreak. House to house search for cases done. All cases treated symptomatically. IEC activities done regarding isolation of cases.
		Kishanganj	xxi Chickenpox	45	0	10/03/12	Under Surveillance	Cases reported from Urban area ward No. 14, Gandhi Nagar, Kishanganj, District Kishanganj. District RRT Investigated the outbreak. All cases treated symptomatically. Affected children were under 10 years of age. Health education given regarding isolation of cases .
		Rohtas	xxii Chickenpox	50	0	15/03/12	Under Surveillance	Cases of fever with vesicular rash reported from Village Dhoos, PHC & Block Nasriganj. District RRT investigated the outbreak. All cases treated symptomatically. Affected children were under 15 years of age. Health education given regarding isolation of cases and early treatment.
3.	Maharashtra	Nanded	xxiii Hepatitis - A	23	0	18.02.12	Under surveillance	Outbreak reported from Taluka Hadgaon, PHC Aashti, SC Hadgaon possibly due to contamination of drinking water. Case distributed in all wards. 14 samples collected and sent to NIV, Pune. 2 samples tested positive for Viral Hepatitis – A. Samples tested non-reactive for Hepatitis – E and Hepatitis – B. Water leakages closed. Health education given. Treatment given to the cases.
4.	West Bengal	Nadia	xxiv Chickenpox	40	0	01/03/12	Under Surveillance	Outbreak reported from Village Gobarchar Purbapara, Grampanchayat Belgoria – II, Block Santipur, Sub-Division Ranaghat. Block health team visited and investigated the outbreak. No samples taken. Health education done. All cases given treatment.
		Nadia	xxv Chickenpox	27	0	01/03/12	Under Surveillance	Outbreak reported from Village Batala, Grampanchayat Dhubulia, Block Krishana Nagar – II, Sub-Division Sadar. District RRT visited and investigated the outbreak. No samples taken. Health education done. All cases given treatment.

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	19#	1#	25/02/12	Under Surveillance	It was mentioned in the previous week (week ending 25 th March 2012) that 42 cases and 3 deaths occurred in Andhra Pradesh due to Influenza A H1N1. From 26 th March 2012 to 1 st April 2012, further 19 cases and 1 death occurred in the state. These new cases are mostly reported from Hyderabad and Ranga Reddy districts.
2.	Maharashtra	Pune	Influenza A H1N1	148#	1#	05/03/12	Under Surveillance	It was mentioned in the previous week (week ending 25 th March 2012) that 149 cases and 9 deaths occurred in Maharashtra due to Influenza A H1N1. From 26 th March 2012 to 1 st April 2012, further 148 cases and 1 death occurred in the state. These new cases are mostly reported from Pune and Nasik districts.
3.	Rajasthan	Jaipur	Influenza A H1N1	32#	2#	01/03/12	Under Surveillance	It was mentioned in the previous week (week ending 25 th March 2012) that 38 cases and 5 deaths occurred in Rajasthan due to Influenza A H1N1. From 26 th March 2012 to 1 st April 2012, further 32 cases and 2 deaths occurred in the state. These new cases are mostly reported from Jaipur, Jodhpur, Pali, Bikaner, Ajmer, and Nagore districts.

#: Cases & deaths reported from 26th March to 1st April, 2012