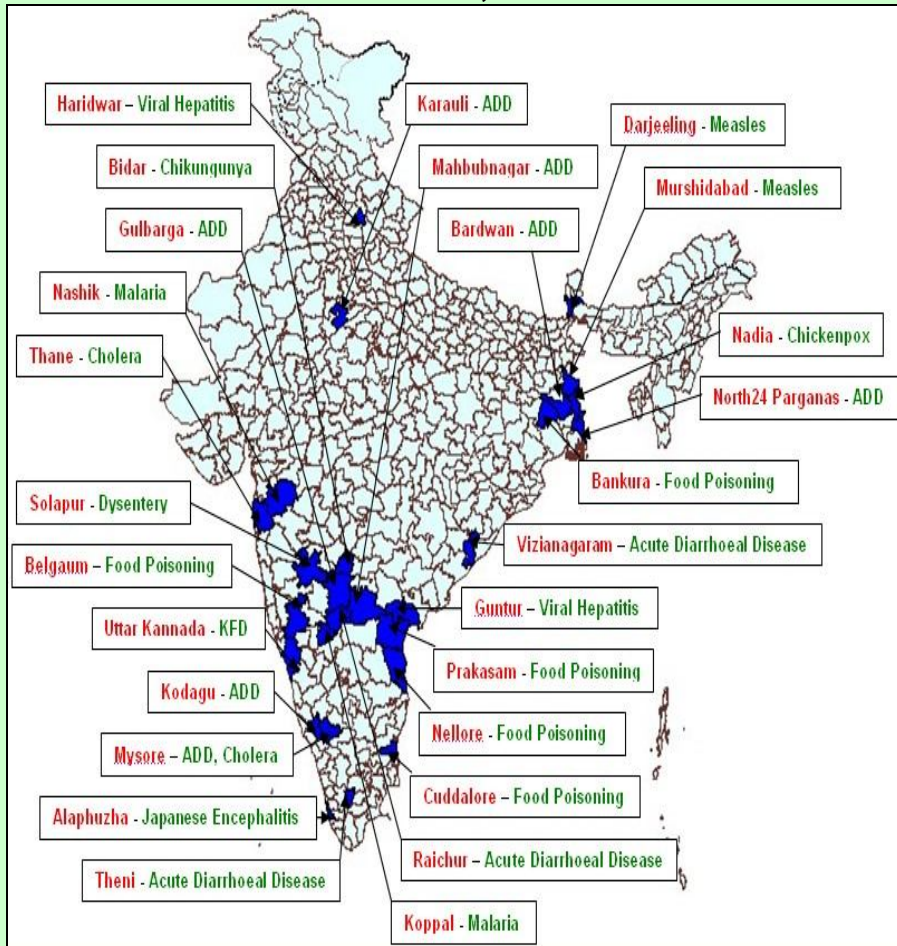




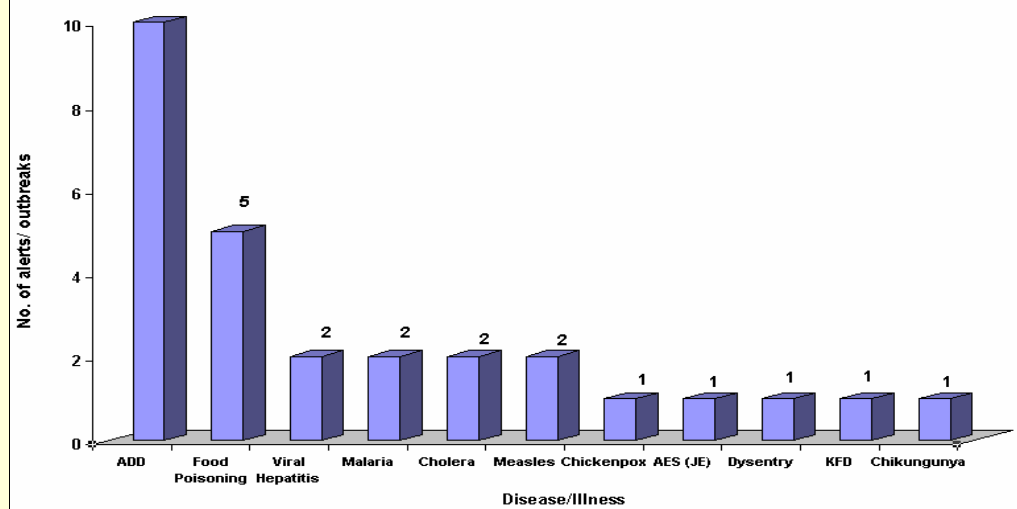
DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 16th week (ending 24th April) 2011



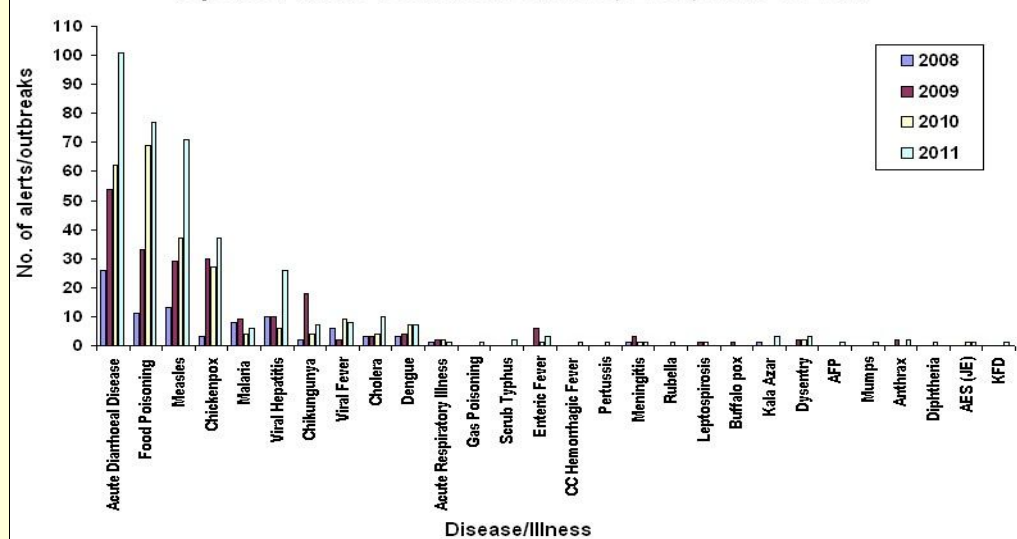
District wise disease alerts/outbreaks reported in the 16th week, 2011



Disease alerts/outbreaks reported during this week (n=28)



Comparison of cumulative no. of disease alerts/outbreaks reported till the 16th week of 2008, 2009, 2010 & 2011



REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	21
No. of States/ UTs submitted "NIL" outbreak report	13

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
1.	Andhra Pradesh	Guntur	i. Viral Hepatitis	10 / 0	20.04.11	24.04.11	Under control	Cases of jaundice with fever reported from Chamallamudi Village, Katrapadu SC, Katrapadu PHC, Vatticherukuru Mandal due to consumption of contaminated water/food. Medical camp conducted in the village. Water samples sent to Regional Laboratory for bacteriological analysis; result awaited. House to house survey conducted for new cases. Chlorination of drinking water supply done in the village. Health education given regarding hygiene, sanitation and safe drinking water.
		Mahbubnagar	ii. Acute Diarrhoeal Disease	45 / 0	22.04.11	24.04.11	Under control	Outbreak reported from Village/PHC Peddamuddunoor, Nagarkurnool due to consumption of contaminated water. Water and stool samples collected and sent to lab for analysis; results awaited. Drinking water sources disinfected and Chlorine tablets and ORS packets distributed among households. Health camps arranged at PHC to treat cases. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Nellore	iii. Food Poisoning	60 / 0	19.04.11	20.04.11	Under control	Outbreak reported from village/PHC Griddalur, Sudapuram due to consumption of stale and contaminated food (Prasad). District RRT visited the affected area and investigated the outbreak. 24 hours medical camp arranged in the affected Colony, and medical and paramedical staff deputed to treat cases. Food samples were not available for lab test. Health education given to the villagers not to eat stale food items.
		Prakasam	iv. Food Poisoning	34 / 0	18.04.11	20.04.11	Under control	Outbreak reported from St. Anns High School, Near Rayavaram Railway Station, Markapur Town, Gajjalakonda PHC due to consumption of contaminated food. District RRT visited the affected area and undertook control measures. Kitchen and hostel premises inspected and instructions given to cooks regarding hygienic practices in food preparation and safe food handling. Medical camp conducted and affected students treated with IV fluids. Food samples not available for lab investigation. Students advised regarding maintaining personnel hygiene.
		Vizianagaram	v. Acute Diarrhoeal Disease	22 / 0	24.04.11	24.04.11	Under control	Outbreak reported from Rakodu PHC, Chillapeta Village, Duppada Panchayat due to consumption of contaminated water. Stool and water samples sent for investigation to PH lab, Visakhapatnam; results awaited. Chlorination of drinking water supply 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/ deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
2.	Karnataka	Belgaum	vi. Food Poisoning	24 / 0	24.04.11	24.04.11	Under control	Cases with symptoms of nausea and vomiting reported from a summer camp at Village Raybag town, Block Raybag two hours after consumption of contaminated food. District RRT visited the affected area. Food samples (rice and sambar) were sent to PHI Bangalore; lab results awaited. All cases were admitted to a private hospital for treatment. House to house survey done to find new cases. IEC activities undertaken regarding hygienic practices and sanitation measures.
		Bidar	vii. Chikungunya	10 / 0	11.04.11	25.04.11	Under control	Cases of fever with joint pain reported from Village Chouli, PHC Andoor, Block Bidar. District RRT visited the affected area. 2 sera samples collected and sent to Bidar Medical College; lab result is awaited. Fogging activities and source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding early treatment of cases and personal protective measures.
		Gulbarga	viii. Acute Diarrhoeal Disease	34 / 0	21.04.11	25.04.11	Under control	Cases reported from Village Basavan Sangolagi, PHC Thadakal, Block Aland due to consumption of contaminated water. District RRT visited and investigated outbreak in the affected area. House to house search done to find new cases. Two stool samples tested positive for Vibrio cholerae (Eltor Ogawa). Halogen tablets distributed. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures. Disinfection of all water sources advised in the areas.
		Kodagu	ix. Acute Diarrhoeal Disease	16 / 0	13.04.11	13.04.11	Under control	Cases reported from Village Monnageri, PHC Cherembane, Taluka Madikeri due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Out of 5 water samples collected, 2 samples found not potable. ORS packets and Halogen tablets distributed. Health education given regarding hygiene and sanitation.
		Koppal	x. Malaria	14 / 0	12.04.11	15.04.11	Under control	Outbreak reported from Village Itagi, PHC Yalburga, Block Gowral Yalburga. Water logging in the affected area led to high density of mosquitoes causing the outbreak. District RRT visited and investigated outbreak in the affected area. Out of 14 blood samples collected, 11 were positive for <i>P. vivax</i> and 3 positive for <i>P. falciparum</i> . Mass fever survey done by house to house visit. DDT sprayed and source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding prevention of Malaria by adopting personal protective measures.
		Mysore	xi. Acute Diarrhoeal Disease	26 / 0	24.04.11	25.04.11	Under control	Outbreak reported from Village Alathuru Hundi, PHC Hosakote, Block Nanjangudu due to consumption of contaminated water from broken pipeline. District RRT visited and investigated outbreak in the affected area. Stool and water samples collected for lab test; result awaited. Water pipelines were repaired and chlorination of water sources done. House to house survey done to find new cases. Health education given regarding hygiene and sanitation.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
	Karnataka	Mysore	xii. Cholera	21 / 0	20.04.11	21.04.11	Under control	Cases of diarrhoea and vomiting reported from Village Harohalli, PHC Varuna Hobli, Mallahalli, Block Mysore due to consumption of contaminated water caused from broken pipelines. District RRT visited and investigated the outbreak in the affected area. Out of 14 stool samples collected, 3 were positive for <i>V. cholerae</i> by culture. All cases treated with fluids, anti-emetics and antibiotics. Water pipelines were repaired and chlorination of water sources done. House to house survey done to find new cases and ORS packets distributed. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Raichur	xiii. Acute Diarrhoeal Disease	24 / 0	16.04.11	21.04.11	Under control	Outbreak reported from Village Umaluvigram, PHC Turvihala, Taluka Sindhanoor due to consumption of contaminated water. District RRT visited and investigated outbreak in the affected area. 4 water samples collected for lab test; result awaited. Distribution of ORS packets and Halogen tablets done. Health education given regarding hygiene and sanitation.
3.	Maharashtra	Nashik	xiv. Malaria?	61 / 1	17.04.11	18.04.11	Under surveillance	Cases of fever reported from Joakhori, PHC Shinde, Block Jakohri. Epidemiological investigation carried out on 18.04.11 revealed improper sanitary and garbage disposal methods in the affected area leading to water stagnation and high density of mosquito (<i>Anopheles/Culex</i>) breeding. Out of 61 peripheral blood smears of fever cases examined, 2 found positive for <i>P. falciparum</i> . Five blood samples sent to NIV Pune for investigation; result awaited. House to house active fever survey and entomological survey done in the area. All fever cases administered prophylactic Chloroquine. Insecticides sprayed in the area. IEC activities undertaken regarding personal protective measures.
		Solapur	xv. Dysentery	20 / 0	20.04.11	20.04.11	Under control	Cases reported from Village Gawadi Darfal, PHC Wadala, Block North Solapur. District RRT visited the affected area and investigated the outbreak. Stool and water samples sent for lab test; result is awaited. Chlorination of water advised and chlorine tablets distributed. Defects in water pipeline repaired. Health education given regarding hygiene and sanitation.
		Thane	xvi. Cholera	17 / 0	18.04.11	19.04.11	Under surveillance	Cases with loose watery stool and mild dehydration reported from Village Parepada, PHC Wangaon, Block Dahanu. District RRT visited and investigated outbreak in the affected area. Out of 4 stool samples sent for investigation, 3 tested positive for <i>V. cholerae</i> . Cases treated at Wangaon PHC. Active house to house survey done to find new cases. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
4.	Rajasthan	Karauli	xvii. Acute Diarrhoeal Disease	10 / 0	14.04.11	19.04.11	Under control	Cases reported from Hinduan, Matka Kuli, Local Idgha Colony. Medical team sent to Razzak Nagar for treating cases with anti-diarrhoeal drugs and fluids. Water and stool samples collected for lab analysis; result awaited. ORS packets and chlorine tablets distributed among the affected people. Health education given regarding hygiene and sanitation.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
5.	Tamil Nadu	Cuddalore	xviii. Food Poisoning	60 / 0	18.04.11	20.04.11	Under control	Outbreak reported from Village Karumbur, PHC Craiyur, Block Annagiramam. House to house survey done for new cases. IEC activities undertaken regarding food safety and maintaining hygienic practices while cooking food.
		Theni	xix. Acute Diarrhoeal Disease	11 / 0	22.04.11	25.04.11	Under control	Cases reported from Village/ PHC/Block K.M.Patti due to consumption of contaminated water. Active house to house survey conducted to find new cases. ORS packets and chlorine tablets distributed in the locality. Overhead tanks cleaned and chlorinated. Block Health team investigated the outbreak. Health education given regarding hygiene and sanitation.
6.	Uttarakhand	Haridwar	xx. Viral Hepatitis?	130 / 0	12.04.11	12.04.11	Under surveillance	Outbreak of jaundice with fever reported from Haridwar town. Serum bilirubin levels found elevated in all cases. All cases are factory workers consuming water from the same source. The drinking water was contaminated, as evidenced by negative OT test of the water sample collected. Factory management advised to chlorinate the drinking water sources. IEC activities undertaken regarding safe drinking water and sanitation measures.
7.	West Bengal	Bankura	xxi. Food Poisoning	9 / 0	24.04.11	24.04.11	Under surveillance	Cases of diarrhoea and vomiting reported from GP Mosiara, SC Amjhuri, Block Hirbandh due to consumption of contaminated food. Block health team visited the affected area and treated cases in the locality. Prompt reporting to the BPHC advised. Health education given regarding food sanitation.
		Murshidabad	xxii. Measles?	13 / 0	18.04.11	20.04.11	Under surveillance	Cases of fever and rash reported from Village Bishnupur, GP-Herampur, Block Raninagar-I. District RRT visited and investigated outbreak in the affected area. Cases treated symptomatically. Active house to house search done to find cases in the community. Vitamin A solution given to affected children. IEC done on case handling and importance of isolation of cases.
		North24 Parganas	xxiii. Acute Diarrhoeal Disease	25 / 1	22.04.11	24.04.11	Under surveillance	Outbreak reported from Village Krishnamati, SC Kundhuni, Kirtipur-I GP, Barasat-II Block due to consumption of contaminated water. District RRT visited and investigated outbreak in the affected area. Water and stool samples collected for lab test; result awaited. Active house to house survey conducted to find new cases. ORS packets and chlorine tablets distributed in the locality. Health education given regarding hygiene and sanitation.
		Darjeeling	xxiv. Measles	26 / 0	11.04.11	20.04.11	Under surveillance	Outbreak of fever with rash, clinically diagnosed as measles, reported from Darjeeling, Kurseong, Sukna, Sittong. Cases treated symptomatically. Vitamin-A supplementation given to all susceptible children in the affected village. IEC activities undertaken regarding isolation of cases.
		Burdwan	xxv. Acute Diarrhoeal Disease	118 / 1	19.04.11	19.04.11	Under surveillance	Cases presented with loose stool, vomiting and pain abdomen from Kotal Para, SC Belkash, Kurmum BPHC. District RRT visited the affected area. Water samples and rectal swab specimens collected for lab test; result awaited. Symptomatic treatment given. Disinfection of water sources done. IEC activities conducted regarding proper hand washing and sanitation measures.

DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE

Sl. No	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Current Status	Comments/ Action taken
1.	Karnataka	Uttar Kannada	xxvi. Kyasanur Forest Disease	2 / 1	02.04.11	Under control	Cases of fever with headache reported from Village Saragli, PHC Gerusoppa, Taluka Honnavara. District RRT visited and investigated outbreak in the affected area. 2 sera samples tested positive for KFD by ELISA. Heavy tick infestation and incomplete vaccination of villagers found in the area. Tick repellants distributed among villagers and KFD vaccine given. IEC activities undertaken regarding personal protection measures.
2.	Kerala	Alaphuzha	xxvii. Japanese Encephalitis	11 / 0	28.03.11	Under control	Cases of fever with altered sensorium reported from Village Arattupuzha Municipal area, PHC Arattupuzha, Block Muthukulame. District RRT visited and investigated outbreak in the affected area. Entomological survey done in and around the affected area showed high density breeding of JE vectors like <i>Culex vishnoi</i> and <i>C. gelidus</i> etc. at stagnant water pools in the area. Serum samples collected from 11 fever cases and tested in NIV Alapuzha showed 3 cases positive for JE IgM antibodies. Application of larvicides like abate was done in all the water logged areas. Fogging activities carried out in the affected area. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community like use of ITBN, etc.
3.	West Bengal	Nadia	xxviii. Chickenpox?	31 / 0	06.04.11	Under surveillance	Cases with fever and typical rash reported from village Mithapur, GP Majhergram, SC Ujirpukur, Block Ranaghat-II. Block level medical team visited the affected area and treated cases symptomatically. IEC activities undertaken regarding isolation and early treatment of cases.

FOLLOW-UP OF DISEASE OUTBREAKS OF PREVIOUS WEEKS

Sl. No	Name of State	Name of District	Disease/ Illness	No. of cases/ deaths*	Date of start of outbreak	Current Status	Comments/ Action taken
1.	Karnataka	Kolar	Food Poisoning	42 / 0	13.04.11	Under control	Outbreak reported from Village Purmakanahalli, Subcentre Kuntur, PHC Tekal, Taluka Malur due to consumption of contaminated food during Ramanavami festival. District RRT visited the affected area. Rectal swab samples tested negative for cholera and water samples found unfit for consumption. ORS packets distributed among the households. Cases managed at temporary clinic setup in the affected village, at PHC Doddashivara and at General Hospital, Malur. House to house survey carried out for active search of cases. Health education given on personal hygiene and environmental sanitation.
2.	West Bengal	Murshidabad	Anthrax	14 / 0	25.03.11	Under surveillance	Cases of cutaneous anthrax reported from village Nowsapara, Berhampur, GP Madanpur (8 cases) and from villages Gojnipur, Mada Tala, Hariharpara (6 cases). District RRT with block health team visited the affected area and investigated the outbreak. Out of 11 smears collected and sent to DPH Lab for investigation; 1 smear found positive for <i>Anthraxis bacillus</i> and result of 5 other smears is awaited. Active survey done to find new cases. All cases treated with Ciprofloxacin. The Animal Husbandry Dept. instructed to vaccinate all cattle. IEC activities going on regarding handling of potentially contaminated articles, their proper disposal, personal cleanliness etc.
			Food Poisoning	46 / 0	18.04.11	Under surveillance	Cases reported with symptoms of loose motion, nausea and vomiting, from Village Kumrai, Burwan GP Kuli, a few hours after consumption of contaminated food (sweet) sold by a street hawker. District RRT with block health team visited the area for preliminary investigation and for new case search. Two stool samples collected and sent to District PH Lab for investigation; lab result awaited. Cases admitted at Kandi SD Hospital for treatment. IEC activities undertaken regarding food safety and hygiene maintenance. Prompt reporting has been ensured.
		Jalpaiguri	Measles	33 / 0	31.03.11	Under surveillance	Cases with fever and rash reported from GP Patkata, SC Natunpara, PHC Rangdhamali under Block Sadar. District RRT visited the affected area and investigated the outbreak. Cases are children below 10 years of age. Vitamin-A supplementation given to all susceptible children in the affected village. Measles vaccination given to the unimmunized children in the age-group of 9 months to 5 years. IEC activities undertaken regarding isolation and early treatment of cases.

* Cumulative figures reported this week.