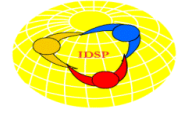


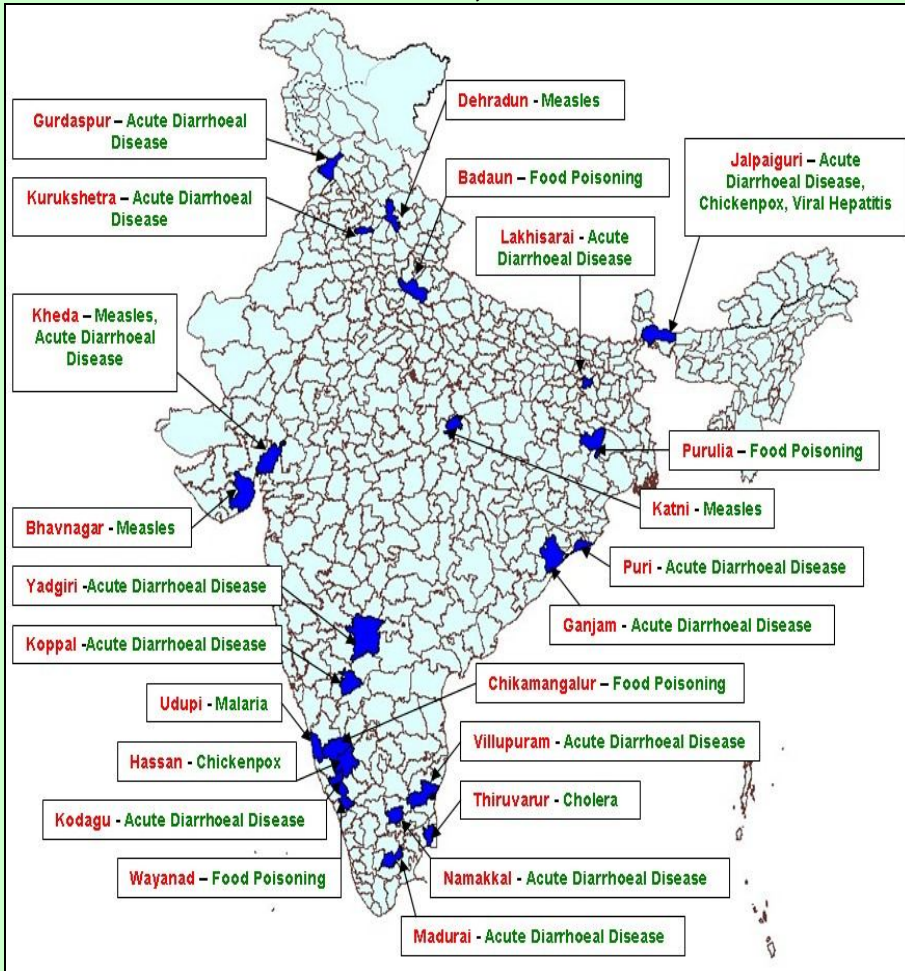


DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

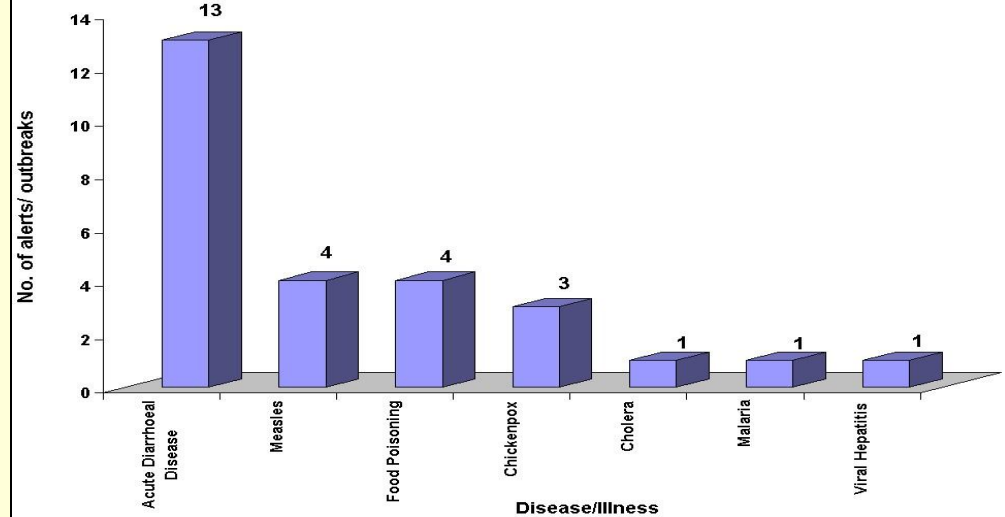
5th week (ending 6th February) 2011



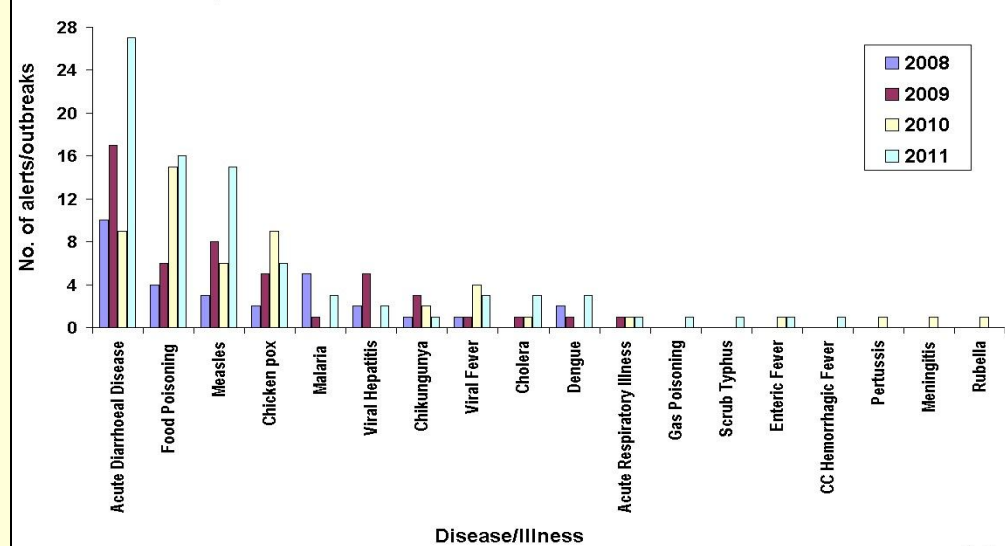
District wise disease alerts/outbreaks reported in the 5th week, 2011



Disease alerts/outbreaks reported during this week (n= 27)



Comparison of cumulative no. of disease alerts/outbreaks reported till the 5th week of 2008, 2009, 2010 & 2011



REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	22
No. of States/ UTs submitted "NIL" outbreak report	10

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.	Bihar	Lakhisarai	i. Acute Diarrhoeal Disease	45 / 0	01.02.11	03.02.11	Under surveillance	Outbreak of diarrhoea occurred at HSC Gangasarai under PHC Barhiya due to contamination of well-water used for drinking purpose. PHC medical team visited the affected area. On active house to house survey 45 new cases of acute diarrhea detected. All cases treated with anti-diarrhoeal drugs and ORS. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
2.	Gujarat	Bhavnagar	ii. Measles	34 / 0	27.01.11	29.01.11	Under surveillance	Cases of fever and rash clinically diagnosed as measles reported from Village Akawada, PHC Bhumbhali, Block Bhavnagar. PHC medical team visited the affected area and investigated the outbreak. 5 sera samples collected for lab analysis; result awaited. House to house survey done to find new cases. All cases are below 5 years of age. 13 cases were not vaccinated for measles. Measles vaccination and Vitamin-A solution given to all unimmunized children in the affected area. IEC activities undertaken regarding isolation and treatment of cases.
		Kheda	iii. Measles	51 / 0	26.01.11	26.01.11	Under surveillance	Cases reported from Village Padal, Timbana Muvadatr (Navi Vashbhat) subcenter Padal, PHC Menpura, Block Thasra. District RRT visited the affected area and investigated the outbreak. 4 sera samples collected for lab analysis to B J Medical College, Ahmedabad; result awaited. House to house survey done to find new cases. Measles vaccination and Vitamin-A solution given to all unimmunized children in the affected area. IEC activities undertaken regarding isolation and treatment of cases.
			iv. Acute Diarrhoeal Disease	95 / 0	29.01.11	29.01.11	Under surveillance	Outbreak of diarrhoea reported from Village/subcenter Virpur, HC Salaiya, Block Balasiner due to consumption of contaminated water. Active surveillance of the affected area done. Out of 7 water samples collected, 4 samples found unfit for drinking. 3 stool samples tested for <i>V. cholerae</i> found negative. Chlorination of water sources and stored water done. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
3.	Haryana	Kurukshetra	v. Acute Diarrhoeal Disease	12 / 0	29.01.11	07.02.11	Under control	Cases reported from Mirzapur colony, PHC Kirmuch, CHC Mathana due to consumption of contaminated water. District RRT visited the affected area. Chlorine tablets and ORS packets distributed. 4 water samples collected and sent to State Bacteriological Laboratory for analysis were found unfit for drinking. IEC activities undertaken regarding safe drinking water, hygienic practices and prevention of water borne diseases.

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
4.	Karnataka	Chikamangalur	vi. Food Poisoning	15 / 0	02.02.11	05.02.11	Under control	Cases reported from village/PHC Hirehallur, Taluk Kadur, due to consumption of contaminated food. District RRT visited the affected area. Food and water samples collected for lab test; result awaited. All cases treated. ORS packets distributed among households. Health education given regarding hygiene and food sanitation.
		Hassan	vii. Chickenpox	25 / 0	27.01.11	29.01.11	Under control	Outbreak of fever with typical rash clinically diagnosed as chicken pox, reported from Mallappanahalli village, PHC Hathanahalli, Taluka Holenarasipura. District RRT visited the affected area. Cases treated symptomatically. Health education given regarding isolation and early treatment of cases.
		Kodagu	viii. Acute Diarrhoeal Disease	204 / 1	01.02.11	02.02.11	Under control	Cases reported from Villages Iguru, Kiruguru, Suintikoppa, Makkanduru Biligere, PHC/CHC Somwarpet, Taluka Kodagu. All cases had attended a function at the Manasa Marriage Hall, where the drinking water was probably contaminated. District RRT visited and investigated the affected area. 15 stool samples and 11 water samples collected for lab test; result awaited. Adequate ORS packets, bleaching powder, chlorine tablets and antibiotics made available in the health facilities of the area. Temporary clinic set up at Iguru village and paramedical staffs deployed for regular surveillance and reporting. IEC activities undertaken, involving local leaders of the area, regarding provision of safe water, safe food handling practices, proper sanitary disposal of human waste, personal hygiene, etc.
		Koppal	ix. Acute Diarrhoeal Disease	40 / 0	03.02.11	03.02.11	Under control	Cases occurred in village Rampur, PHC Anegundi, Taluka Gangavathi, probably due to consumption of contaminated water caused by leakage in water pipeline. District RRT visited the affected area. Drinking water supply from the defective pipelines stopped till repair of leakages, and alternative safe drinking water supplied. Active house to house survey conducted and ORS packets and chlorine tablets distributed. Health education given regarding hygiene and sanitation.
		Yadgiri	x. Acute Diarrhoeal Disease	66 / 0	02.02.11	05.02.11	Under control	Outbreak reported from village Yadei, PHC Hembhavi, Taluk Surapur, due to consumption of contaminated water. District RRT visited the affected area. Water and stool samples collected for lab test; result awaited. District RRT visited the affected area and investigated the outbreak. Alternative safe drinking water supplied. Active house to house survey conducted to find new cases. All cases treated. ORS packets and chlorine tablets distributed in the locality. 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
5.	Orissa	Puri	xi. Acute Diarrhoeal Disease	16 / 2	02.02.11	05.02.11	Under Control	Cases reported from Village Itinga Bauripalli, GP Krushnaprasad, CHC Chilika Nuapada, Block Krushnaprasad due to consumption of contaminated water. Block Health Team visited the affected area. Water sources chlorinated with bleaching powder. ORS packets and Halogen tablets distributed to every household. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Ganjam	xii. Acute Diarrhoeal Disease	6 / 0	31.01.11	31.01.11	Under Control	Cases of diarrhoea reported from village Gourapalli, GP Pathura, Block Khalikote. Cases admitted for treatment to CHC Khalikot. Block Health team visited the affected area. Practice of open air defecation prevalent in the area. All cases (5 females & 1 male) had consumed water from the same pond which the index case used for washing soiled clothes. Health education given regarding hygiene and sanitation.
6.	Punjab	Gurdaspur	xiii. Acute Diarrhoeal Disease	39 / 0	01.02.11	03.02.11	Under surveillance	Outbreak reported from Village Litter, PHC Dorangla due to consumption of contaminated water caused by leakage in water pipeline. Water samples collected for lab test; report awaited. House to house survey done. ORS packets and chlorine tablets distributed. Chlorination of drinking water done. Leakage in water pipeline repaired. Health education given regarding hygiene and sanitation.
7.	Tamil Nadu	Madurai	xiv. Acute Diarrhoeal Disease	10 / 0	29.01.11	02.02.11	Under control	Cases occurred in Village/PHC Thenakkankulam, Block TPKundram, due to consumption of contaminated water. Active house to house survey done to find new cases. ORS packets and chlorine tablets distributed. Health education given regarding hygiene and sanitation.
		Namakkal	xv. Acute Diarrhoeal Disease	16 / 0	03.02.11	05.02.11	Under surveillance	Cases reported from Village/PHC Athanur, Block Vennandur due to consumption of contaminated water. PHC Medical Officer investigated outbreak. Stool sample sent to Kings Institute, Guindy for lab test; result awaited. ORS packets and chlorine tablets distributed in the locality. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Thiruvarur	xvi. Cholera	5 / 0	27.01.11	01.02.11	Under control	Cases of diarrhoea reported from Village/PHC Haridwarmangalam, Block Valangaiman. One stool sample tested at Dept. of Microbiology, Thanjavur Medical College found positive for <i>V. cholera</i> . Chlorination and disinfection of water sources done. ORS packets and chlorine tablets distributed in the locality. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Villupuram	xvii. Acute Diarrhoeal Disease	12 / 0	01.02.11	04.02.11	Under surveillance	Cases reported from Village NR Palayam, PHC Rampakkam, Block Siruvanthad due to consumption of contaminated water. District RRT visited the affected area. Two stool samples sent to Kings Institute Guindy; report awaited. Chlorination of water sources done. Measures taken to close pit-taps and clean overhead tanks. 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
8.	Uttarakhand	Dehradun	xviii. Measles	25 / 0	30.01.11	05.2.11	Under control	Cases with fever and rash clinically diagnosed as measles, reported from Adarsh Colony, PHC Nehru Gram, Block Raipur. District RRT visited the affected area. Measles vaccination given to all susceptible children. Cases treated symptomatically. IEC activities undertaken regarding isolation and early treatment of cases.
9.	Uttar Pradesh	Badaun	xix. Food Poisoning	5 / 5	24.01.11	24.01.11	Under control	Deaths reported from village Kudha, PHC Ujjhani, Narshingpur Block due to consumption of contaminated tea. Food samples (tea and milk) sent to lab for investigation. Prepared tea samples found contaminated with organophosphorous (OP) insecticide (traces of Titanium dioxide and Sulphur identified). OP granules also found in the site of tea preparation. Health education given regarding food sanitation.

DISEASE ALERTS/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	Udupi	xx. Malaria	15 / 0	21.01.11	Under control	Cases of fever occurred among construction site workers at PHC Hirebettu. District RRT visited the affected area. Fever survey done and blood smears of contacts taken. Out of 116 blood smears examined, 14 found positive for <i>P. vivax</i> and 1 positive for <i>P. falciparum</i> . All positive cases given radical treatment. On entomological survey, mosquito larvae breeding sites found. Larvicide spray done and people advised to clean water storage tanks regularly. Health education given to all laborers regarding early treatment of cases and personal protection measures to be adopted.
2.	Kerala	Wayanad	xxi. Food Poisoning	23 / 0	22.01.11	Under control	Outbreak reported from Ladies Hostel Veterinary College, Pookode, Sugandhagiri PHC, Meppady CHC, Vythiri Taluka, due to consumption of contaminated food. District RRT visited the affected area and medical camp set up in the hostel to treat cases. Food and water samples sent to lab for examination; report awaited. Water sources chlorinated. ORS packets distributed among all students. Health education given regarding hygiene and sanitation.
3.	Madhya Pradesh	Katni	xxii. Measles	25 / 0	08.01.11	Under control	Cases with fever and rash reported reported from subcenter Gudeha, Block Vijayraghvarh. Cases treated symptomatically. IEC activities undertaken regarding measles vaccination of all susceptible children. Health education given regarding isolation and early treatment of cases.

DISEASE ALERTS/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
4.	West Bengal	Jalpaiguri	xxiii. Chickenpox	10 / 0	20.01.11	Under surveillance	Cases with symptoms of maculopapulovesicular rash and high fever reported from village Soloidanga, GP Mantadari, subcenter Moringajhora, Block Rajganj. District RRT visited the affected area. Active search for cases done. Cases treated symptomatically. IEC activities undertaken regarding isolation and early treatment of cases.
			xxiv. Chickenpox	30 / 0	24.01.11	Under surveillance	Cases with fever and maculopapulovesicular rash reported from GP/PHC Barnis, Block Maynaguri. District RRT visited the affected area. Cases treated symptomatically. Vitamin-A supplementation given to all susceptible children in the affected village. IEC activities undertaken regarding isolation and early treatment of cases.
			xxv. Acute Diarrhoeal Disease	47 / 0	03.02.11	Under surveillance	Outbreak reported from Village Balkalihat, Uttar/Dakshin Dharampur, subcenter/PHC Bhrungarbari, Block Maynaguri due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. 5 water samples sent to PHE Lab, Jalpaiguri. Stool and vomitus samples sent to NB Medical College; result awaited. Active surveillance done. All cases treated. ORS packets and chlorine tablets distributed in the locality. Health education given regarding hygiene and sanitation.
			xxvi. Viral Hepatitis	9 / 0	31.01.11	Under surveillance	Cases of acute jaundice and fever reported from neighboring villages Bolipara, Vjarbari, Fautiipara under PHC Bahadur Block Sadar, Maynaguri, probably due to consumption of contaminated well water. District RRT visited the affected area and investigated the outbreak. All cases are children below 10 yrs of age. 4 sera samples sent to School of Tropical Medicine, Calcutta for serological test; result awaited. Active search for new cases done. IEC activities undertaken regarding safe drinking water, hygiene and sanitation.
		Purulia	xxvii. Food Poisoning	13 / 0	06.02.11	Under control	Cases with vomiting and diarrhea reported from Village Kukramura, GP/subcenter Kantadih, Block Arsha due to consumption of contaminated food for dinner on 5.1.11. The same bag was used for carrying thymate and foodstuff. All cases admitted for treatment to District Sadar Hospital. Health education given to use separate bags for carrying foodstuff and insecticides.

FOLLOW-UP OF DISEASE ALERTS/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.	Arunachal Pradesh	East Kameng (Seppa Town)	Acute Diarrhoeal Disease	24 / 0	24.01.11	Under surveillance	Outbreak of diarrhoea reported from East Kameng due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Active house to house survey conducted to find new cases; 2 new cases reported this week. ORS packets and chlorine tablets distributed in the locality. Health education given regarding hygiene and sanitation.
2.	Gujarat	Ahmedabad	Crimean-Congo Hemorrhagic Fever	9 / 4 *	17.01.11	Under surveillance	Till 10 th Feb. 2011, out of the total of 298 blood samples of cases/contacts sent for virology test, 9 samples have tested positive for Crimean-Congo Hemorrhagic Fever (CCHF) by RTPCR. Investigation done by the Central team with State/District RRT and samples tested at NIV, Pune. Cases treated with Ribavirin. Daily fever survey carried out and blood samples of other contacts sent for testing for CCHF. Entomological studies undertaken in villages Kolat, Shela and Telav under Block Sanand included tick collection from cattle and rodent trapping for collection of serum samples/ ticks/ other ectoparasites/ tissue smears of rodents. Tick vector control measures undertaken by Animal Husbandry Department of Gujarat included IRS with Deltamethrin in cattle sheds and cattle treatment with Flumethrin and Deltamethrin. Health education given regarding causation, transmission and prevention of the disease and personnel protection measures to be adopted by the contacts and the health-care officials involved in surveillance. *(Cases include deaths).
3.	Karnataka	Bellary	Malaria	48 / 0	14.01.11	Under control	Outbreak reported from Village Kakkubal, PHC/CHC Gadaiganur, Taluka Hospet. (In October 2010, malaria outbreak with 631 cases & 19 deaths, reported from various neighboring villages under Gadaiganur PHC of Hospet Taluk) District RRT visited and investigated the affected area. 3 teams were formed along with PHC staff to do fever survey. Blood samples were collected for Malaria and Chikungunya. Out of 48 smears, 2 tested positive for P. vivax and P. falciparum. Tech. Marathon 25% spray carried out in the village. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
4.	West Bengal	Jalpaiguri	Measles	101 / 0	08.01.11	Under surveillance	Outbreak of fever with rash reported from GP/subcentre Lankapara, Block Madarhat, Tulsipara. Cases are children in the age group of 1-15 years. Block medical team visited the affected area and investigated the outbreak. Out of 6 sera samples sent to Institute of Serology, Kolkata, 4 samples tested positive for measles IgM Ab and 1 tested negative. Vitamin-A supplementation given to all susceptible children in the affected village. IEC activities undertaken regarding providing proper nutrition and early treatment of cases. Instruction given to district health authorities for measles vaccination of susceptible children.
		Paschim Medinipur	Chicken pox	33 / 0	04.01.11	Under surveillance	Cases of fever and typical rash clinically diagnosed as Chicken pox reported from Ward No. 21, Jawahar Navodaya Vidyalaya. District RRT with medical team visited the affected area. IEC activities undertaken regarding isolation and early treatment of cases.

* Cumulative figures reported this week.