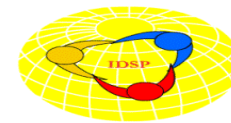
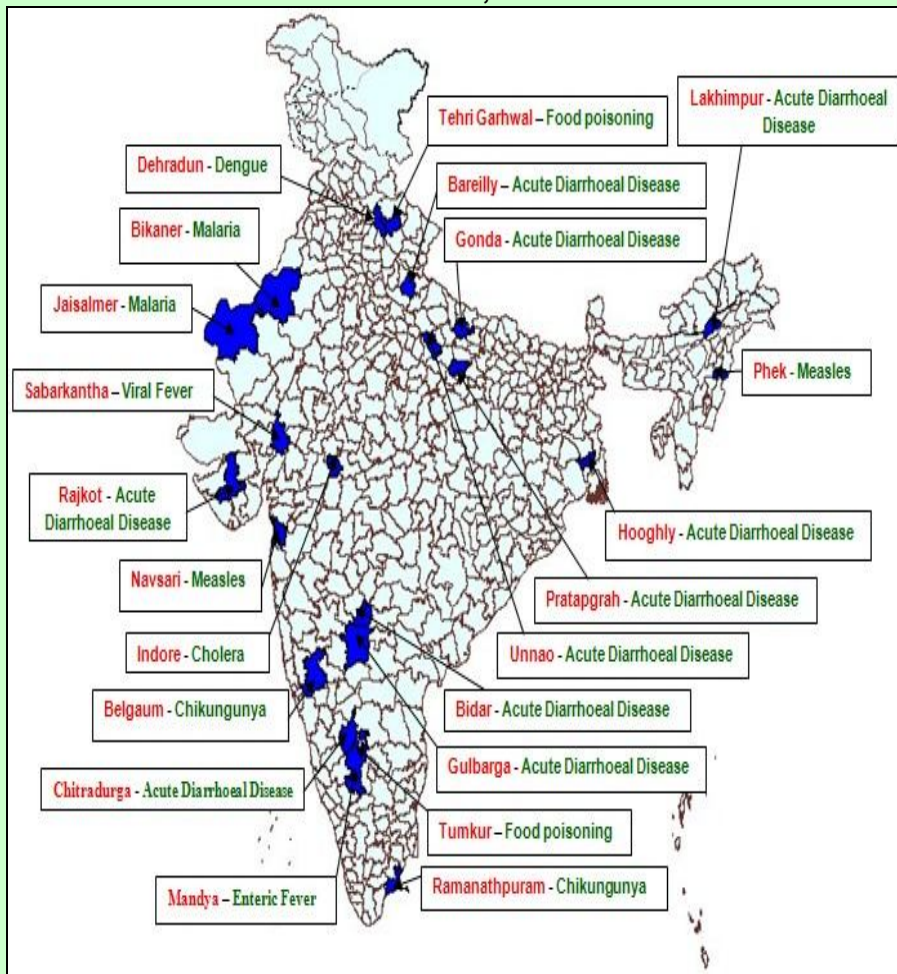




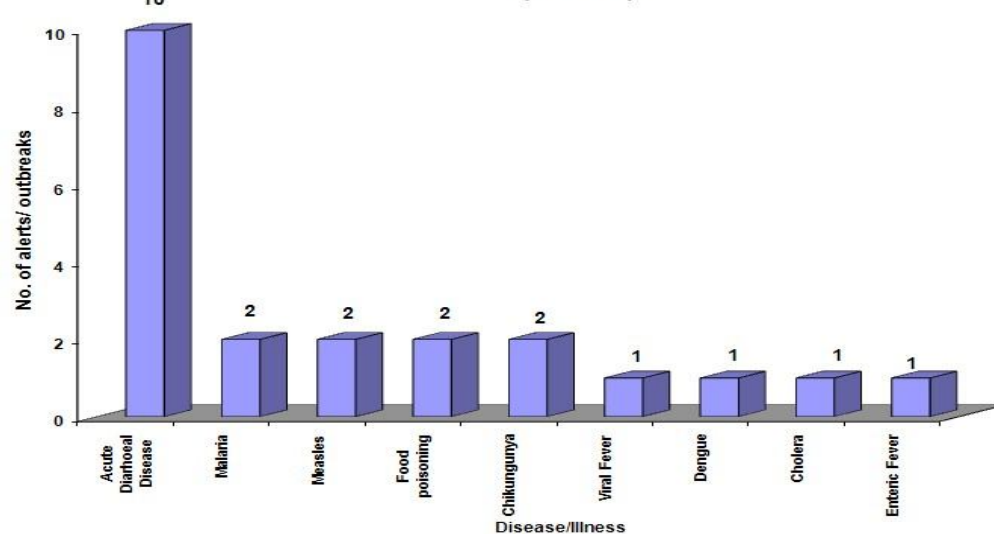
## DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 40<sup>th</sup> week (ending 3<sup>rd</sup> October) 2010



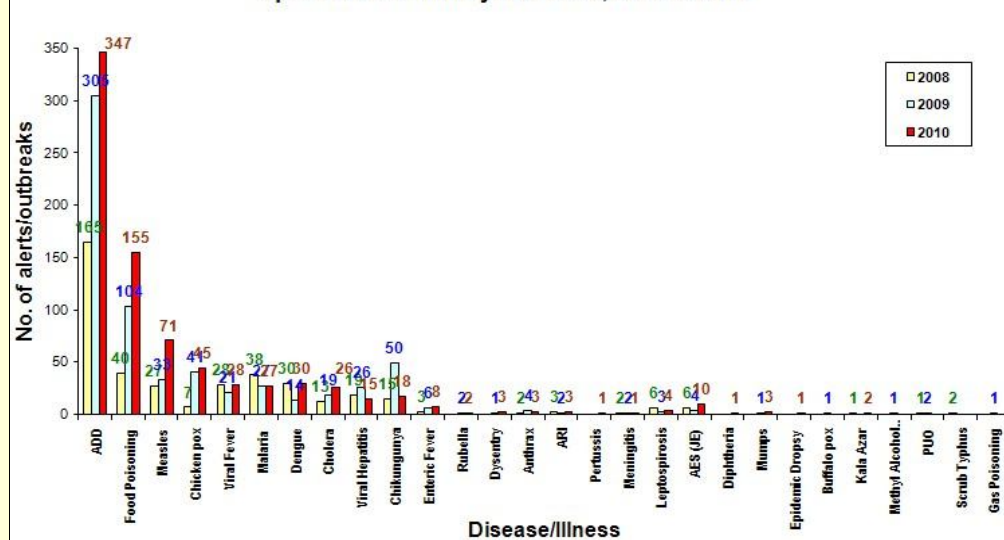
### District wise disease alerts/outbreaks reported in the 40<sup>th</sup> week, 2010



### Disease alerts/outbreaks reported during this week (n= 22)



### Comparison of cumulative no. of disease alerts/outbreaks reported upto 40th wk in the years 2008, 2009 & 2010



### REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	24
No. of States/ UTs submitted "NIL" outbreak report	14

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.	Assam	Lakhimpur	i. Acute Diarrhoeal Disease	10 / 0	22.09.10	27.09.10	Under surveillance	Cases reported from Village Kharkhari, Subcenter Bahadurchuk BPHC Boginodi, PHC Gharmora, probably due to consumption of contaminated water. District Rapid Response Team (RRT) visited the affected area and investigated the outbreak. Public Health Department intimated for chlorination of drinking water sources. Water samples collected and tested by H <sub>2</sub> S strips found contaminated. 2 stool samples collected for culture/sensitivity test and sent to Microbiology department AMC Dibrugarh; result awaited. Medical camp organized in the area. ORS packets and chlorine tablets distributed. Health education given regarding hygiene and sanitation.
2.	Gujarat	Rajkot	ii. Acute Diarrhoeal Disease	218 / 0	19.09.10	20.09.10	Under surveillance	Outbreak reported from Puneli Moti due to contamination of well water. District RRT visited the affected area and investigated the outbreak. Water sample collected for bacteriological investigation at Public Health Laboratory, Rajkot. House to house survey done to find new cases of diarrhoea. Pot chlorination done with chlorine tablets. ORS packets distributed among the affected villagers. Out of 64 water samples tested by OT test, 15 found negative for residual chlorine. IEC activities undertaken and people advised to use boiled water for drinking.
3.	West Bengal	Hooghly	iii. Acute Diarrhoeal Disease	27 / 0	24.09.10	27.09.10	Under surveillance	Outbreak reported from neighboring villages of Dhannahana and Karakpara, GP Sripatipur, Ellaihipur, under Haripal Block. District RRT visited and investigated the affected area. Water samples collected for laboratory test; result awaited. IEC activities undertaken regarding safe 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	No. of cases/ deaths	Date of start of outbreak	Current Status	Comments/ Action taken
1.	Gujarat	Sabarkantha	iv. ?Viral Fever	94 / 2	06.09.10	Under surveillance	Outbreak of fever reported from Village Jumatrai, PHC Gabat, Taluka Bayad. District RRT visited the affected area. Active surveillance done for new fever cases. Out of 82 blood slides collected from fever cases, all found negative for malaria. All cases treated symptomatically. Health education given regarding hygiene and sanitation.
		Navsari	v. Measles	12 / 0	12.09.10	Under surveillance	Cases of fever and rash reported from Village Pipalgabhan, PHC Sadakpore under Block Chikhli,. District RRT visited the affected area and investigated the outbreak. 5 sera samples sent for lab examination to B.J. Medical College, Ahmedabad; result awaited. Vitamin-A supplementation given to all susceptible children. IEC activities undertaken regarding isolation and management of cases.
2.	Karnataka	Belgaum	vi. ?Chikungunya	25 / 0	30.08.10	Under surveillance	Outbreak of fever and arthralgia reported from Village/PHC Madlur under Savadatti Taluk. District RRT visited the affected area and investigated the outbreak. Sera samples collected for laboratory confirmation; result awaited. House to house visit done by the medical team for new fever cases. <i>Aedes</i> larval survey conducted in the affected area. Mobile clinic set up to treat cases. Fogging activities done. Observation of dry day done in the community. IEC activities undertaken regarding source reduction measures.
		Bidar	vii. Acute Diarrhoeal Disease	12 / 0	28.08.10	Under surveillance	Cases reported from Village Basava kalyana under Belura PHC, due to consumption of contaminated water. District RRT visited and investigated the affected area. Water and stool samples collected for lab analysis; result awaited. Supply of alternate drinking water arranged. Health education given regarding hygiene and sanitation. ORS packets distributed and chlorination of all water sources done.
		Chitradurga	viii. Acute Diarrhoeal Disease	18 / 0	01.09.10	Under control	Cases of diarrhoea reported from Bagur village/PHC under Hosadurga Taluka. District RRT visited and investigated the affected area. Stool and water samples collected for lab test; no pathogen isolated on culture. Active case search done in the affected area. Water pipeline leakages that caused water contamination are being repaired. Chlorination of water sources done. Health education given regarding hygiene and sanitation.
		Gulbarga	ix. Acute Diarrhoeal Disease	51 / 2	03.09.10	Under control	Outbreak reported from Shikari motakapalli, Village under Saleberanalli PHC, Chincholi Taluk. District RRT visited and investigated the affected area. 4 stool samples 9 water samples collected for lab test; result awaited. Chlorination of water sources done. ORS packets and Halogen tablets distributed. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Mandya	x. Enteric fever	16 / 4	22.09.10	Under surveillance	Cases of fever occurred in Malavalli Town under Malavalli Taluk probably due to contamination of drinking water caused by mixing with sewage water. District RRT visited the affected area and investigated the outbreak. Blood samples collected for lab confirmation; two cases tested positive for Typhoid by Widal test. Disinfection of water sources done. IEC activities undertaken regarding safe 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	No. of cases/deaths	Date of start of outbreak	Current Status	Comments/ Action taken
	Karnataka	Tumkur	xi. Food poisoning	145 / 0	17.09.10	Under control	Children of Morarji Desai School under Beligere PHC, Tiptur Taluk, complained of pain abdomen and vomiting, half an hour after having breakfast (beaten rice). The outbreak occurred probably because the food served for breakfast was contaminated. District RRT visited the affected area and investigated the outbreak. All cases treated. Food samples and drinking water samples collected and sent to PHI for bacteriological analysis, lab result awaited. IEC activities undertaken regarding food hygiene.
3.	Madhya Pradesh	Indore	xii. Cholera	2 / 0	21.09.10	Under control	Cases reported from Mhow Cantonment Board area and Ward no. 41 under Municipal Corporation of Indore due to consumption of contaminated water. District RRT visited and investigated the affected area. Two stool samples tested positive for <i>Vibrio cholerae</i> ( <i>Eltor Ogawa</i> ). IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures. Disinfection of all water sources advised in the areas.
4.	Nagaland	Phek	xiii. Measles	40 / 0	04.08.10	Under control	Outbreak of fever with maculopapular rash reported from RD Block, Kikruma. Out of 8 sera samples sent to RMRC Dibrugarh for lab confirmation, 6 reported positive for IgM ELISA for Measles antibodies. Health camp conducted to treat cases. Vitamin-A supplementation given to all susceptible children in the affected area. IEC activities undertaken regarding providing proper nutrition and isolation of cases.
5.	Rajasthan	Bikaner	xiv. Malaria	587 / 1	21.08.10	Under surveillance	Outbreak of fever reported from Kolayat Block. Water logging in the affected areas in monsoon season led to high density of mosquitoes; and lack of awareness among the village about prevention and treatment of malaria could be the probable cause for the outbreak. Medical team deployed in the affected area to treat cases. Mass fever survey and entomological surveillance 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 protection measures.
		Jaisalmer	xv. Malaria	620 / 0	17.09.10	Under control	Outbreak of fever reported from PHC Lathi under Block Pokran. Medical teams formed for conducting mass fever survey and collecting blood slides for malaria parasite examination. Anti-larval measures undertaken. Out of 3383 blood samples collected, 537 found positive for <i>P. vivax</i> and 54 positive for <i>P. falciparum</i> and 29 showed mixed infections. DDT sprayed and source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding prevention of Malaria by adopting personal protection measures.
6.	Tamil Nadu	Ramanathpuram	xvi. ?Chikungunya	18 / 0	17.09.10	Under control	Cases of fever with joint pain reported from Village Kannakudi, PHC T.U.Mangai. 4 sera samples collected from fever cases of the affected area and sent for lab test to Zonal Entomological Team (ZET), Virudhnagar; result awaited. Mass fever survey and entomological surveillance done. Fogging activities and source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding early treatment of cases and personal protection 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
7.	Uttarakhand	Dehradun	xvii. Dengue	19 / 0	13.09.10	Under surveillance	Cases of fever reported from various parts of Dehradun city. District RRT visited the affected area and investigated the outbreak. Sera samples of fever cases found positive for Dengue by ELISA test. Positive cases also reported from nursing homes and private hospitals. Fumigation with Malathion and Pyrethrum and other source reduction measures undertaken in and around the affected areas. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
		Pratap Nagar	xviii. Food poisoning	7 / 2	03.09.10	Under control	Cases of diarrhoea and vomiting reported from Torai Nahar area due to consumption of contaminated food. District RRT visited the affected area. Food samples not available for lab analysis. Health education given regarding food sanitation.
8.	Uttar Pradesh	Bareilly	xix. Acute Diarrhoeal Disease	50 / 1	26.08.10	Under control	Outbreak reported from village Raiya nagla under Meerganj Block due to consumption of contaminated water. District RRT visited the affected area and treated cases. 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.
		Unnao	xx. Acute Diarrhoeal Disease	63 / 0	26.08.10	Under control	Outbreak reported from Gram Varalola, due to consumption of contaminated water. District RRT visited the affected area and treated cases. 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.
		Gonda	xxi. Acute Diarrhoeal Disease	12 / 0	01.09.10	Under control	Cases reported from Gajadharpur village under PHC Intiyathoak. District RRT visited and investigated the affected area. Chlorine tablets and ORS packet distributed. Health education given regarding hygiene and sanitation.
		Pratapgarh	xxii. Acute Diarrhoeal Disease	40 / 0	11.09.10	Under control	Outbreak reported from Ram nagar Dhobiyana area under Gaura probably due to consumption of contaminated water. District RRT visited the affected area. Water samples sent for lab testing; result awaited. 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.

**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.	Chandigarh	Chandigarh	Dengue	10 / 0	04.09.10	Under control	Cases of fever reported from scattered areas of UT, Chandigarh, of whom 10 sera samples tested positive for Dengue by ELISA test. All cases treated. Fogging operation and anti-larval activities are being intensified in the affected areas. IEC activities undertaken regarding mosquito control measures.
2.	Haryana	Karnal	Acute Diarrhoeal Disease	242 / 2	14.09.10	Under control	Outbreak occurred in village Gamri under PHC Kutali due to consumption of contaminated water caused by leakage in water pipeline and mixing with sewage water. District RRT visited the area and investigated the outbreak. Water samples sent for lab testing found contaminated. ORS packets distributed in the affected area. Health education given regarding hygiene, sanitation and use boiled water for drinking.
3.	Uttarakhand	Nainital	Dengue	508 / 0	13.09.10	Under control	Outbreak of fever reported from Ram Nagar and Haldwani area of Nainital District. Blood samples of 508 fever cases tested positive for Dengue by RDT kit. Outbreak investigation done by the Central team along with the State RRT. 8 out of 15 sera samples tested at NCDC, Delhi found positive for Dengue by IgM ELISA test. House to house survey done for new fever cases. IEC activities undertaken regarding vector control measures.
4.	West Bengal	North 24 Parganas	Viral fever	454 / 0	09.09.10	Under surveillance	Outbreak reported from Swarupnagar (middle) sub-center area, near Swarupnagar United Club. District RRT visited the affected area and investigated the outbreak. 102 blood samples sent to STM, Kolkata for lab investigation; result awaited. Medical camp setup at Swarupnagar (Middle) subcentre area to treat cases. Active house to house survey by health staff. IEC activities undertaken regarding hygienic practices and sanitation measures.
			Acute Diarrhoeal Disease	101 / 0	17.09.10	Under surveillance	Outbreak reported from Sadpur, Batapara villages under Sadpur subcenter of Maslandapur Block Primary Health Centre, due to consumption of contaminated water. District Rapid Response Team visited the affected area and investigated the outbreak. Door to door active search done for new cases. Anti diarrhoeal drugs and ORS packets distributed among the affected people. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Nadia	?Dengue	24 / 0	21.09.10	Under surveillance	Outbreak of fever with rash and joint pain reported from Village Prabathnagar, Dakshin-II GP under Hanskhali Block of Ranaghat SD. Block level medical team visited the affected area. Mass fever survey and entomological surveillance done. Fogging activities and source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
5.	West Bengal	Jalpaiguri	Acute Diarrhoeal Disease	41 / 1	18.09.10	Under surveillance	Outbreak of diarrhoea reported from Kartik Tea Estate (Naya Line, Jadu Line, Gudam Line and Betaline) under GP Raydak of Block Kumargram, due to poor sanitation and contaminated water supply in the area. Block health team visited the affected area and investigated the outbreak. In five out of ten water samples sent to water testing lab, bacterial contamination found. Three stool samples collected for culture at North Bengal Medical College; result awaited. Health education given regarding hygiene and sanitation.

\* Cumulative figures reported this week.