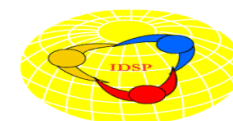
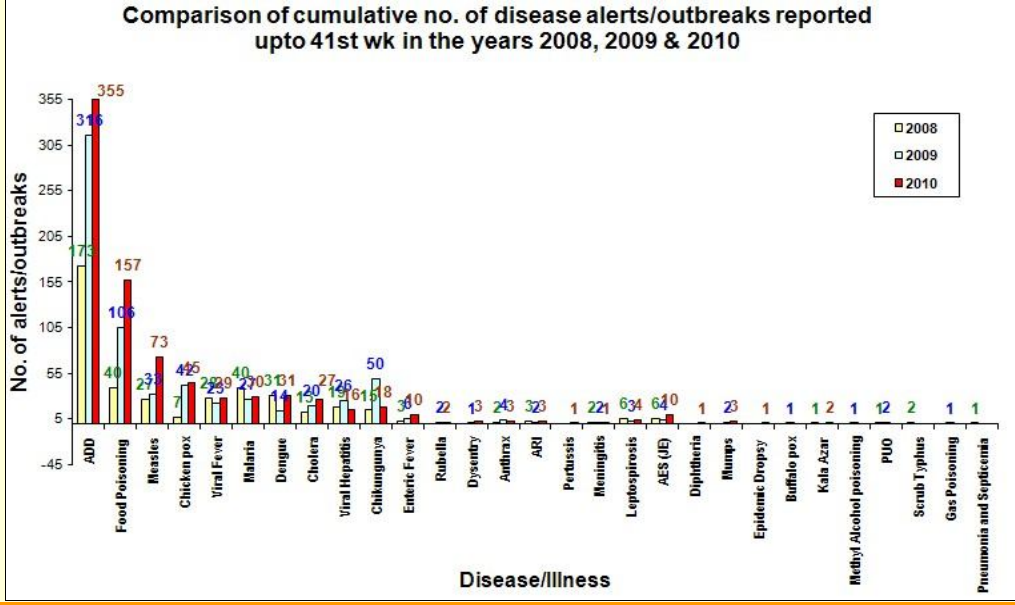
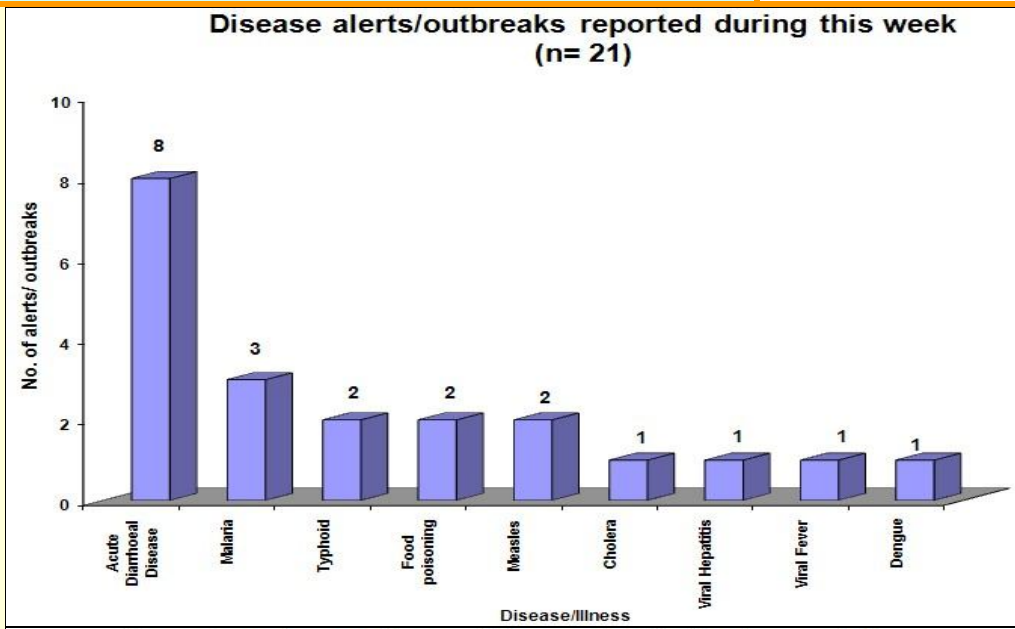
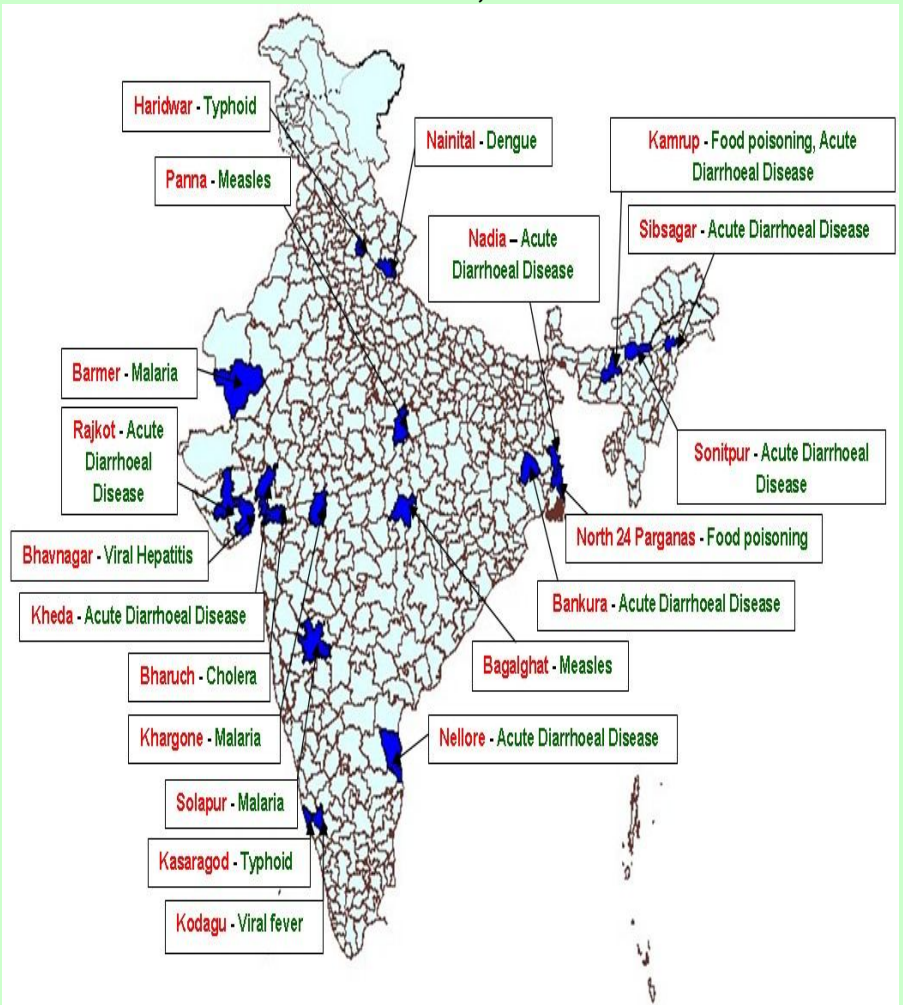




## DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 41<sup>st</sup> week (ending 10<sup>th</sup> October) 2010



### District wise disease alerts/outbreaks reported in the 41<sup>st</sup> week, 2010



REPORTING STATUS OF STATES/UTs	
No. of States /UTs submitted outbreak report (including NIL report)	<b>24</b>
No. of States/ UTs submitted "NIL" outbreak report	<b>13</b>

Sr. 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.	Gujarat	Rajkot	i. Acute Diarrhoeal Disease	42 / 0	01.10.10	03.10.10	Under surveillance	Outbreak reported from Village Deradi, PHC Boradi Samdhiyala, and Village Akala, PHC Jetalsar in Taluka Jetpur, due to consumption of contaminated water. District team visited the affected area. Total 26 Residual Chlorine test done, in which 14 found positive and 12 negative. Chlorine tablets and ORS packets distributed among the affected villagers. House to house survey being done in the affected area. Chlorination of drinking water done. Five leakages found in the water supply pipeline were repaired.
2.	Madhya Pradesh	Khargone	ii. Malaria	50 / 0	04.10.10	06.10.10	Under control	Outbreak reported from Village Jamnayapani, CHC Anakwadi, PHC Bhagyapur. District RRT investigated the outbreak. Out of 23 blood slides tested 9 were positive for Malaria (4PV & 5PF). All preventive and curative measures taken. Health education given.
3.	Uttarakhand	Haridwar	iii. Typhoid	8 / 4	07.10.10	07.10.10	Under surveillance	Cases reported from Alawalpur (Bhagwanpur). The outbreak occurred due to consumption of contaminated water. District RRT investigated the outbreak. Shallow hand pumps are the only source for drinking water. Majority of the population use open fields for defecation. There is no permanent water disposal system for waste water. On lab investigation three cases found widal test positive. Water sample collected for the investigation of fecal contamination. Results are awaited. IEC-Pamphlets were distributed and treatment given to all.
4.	West Bengal	Bankura	iv. Acute Diarrhoeal Disease	10 / 0	04.10.10	05.10.10	Under surveillance	Cases reported from Vill – Ragareegram, Block – Kanchanpur, GP – Purandarpur. The Dist. Rapid Response Team (RRT) visited the affected area and investigated the Outbreak. Water Sample collected from tube wells, well and ponds and sent to the Public Health Engineering (PHE) department. Medical team organized by BMOH, Kanchanpur sent to control the outbreak. Sufficient quantity of Anti-diarrhoeal Medicine and ORS stored at Kherosole Sub Centre. Prompt reporting to the BPHC and Dist. Head Quarter has been ensured by BMOH Kanchanpur. Anti-diarrhoeals and Chlorine tabs distribution done among the villagers.
		North24 Parganas	v. Food poisoning	10 / 0	04.10.10	05.10.10	Under surveillance	Cases reported from Ward No-24, Ghusipara, Shankha Banik Colony, Barrackpore Municipality, under North 24 –Parganas due to consumption of contaminated food (kachuri, mixed vegetable). Area visited by i) ACMOH Cell (Barrackpur) ii) Health staff of Barrackpur Municipality. Active house-to-house survey by health staff & distributed anti-diarrhoeal drugs, ORS, & Chlorine tabs. IEC done for boiling / chlorination of drinking water, personnel hygiene, food hygiene and general cleanliness of the locality. Food sample collected by the health staff of Barrackpore Municipality for laboratory testing. The situation is under close observation.
		Nadia	vi. Alcohol Poisoning	45 / 3	03.10.10	05.10.10	Under surveillance	Outbreak reported from GP/Vill-Parniyamatpur, Nadia/Ranaghat SD/Ranaghat-I Block/ Payradanga. Block RRT visited the affected area and investigated the outbreak. On epidemiological investigation the team suspected the outbreak is due to alcohol poisoning. Health education imparted among the affected villagers. Lab result is pending.

**DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE**

Sr. 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.	Andhra Pradesh	Nellore	vii. Acute Diarrhoeal Disease	27 / 1	24.09.10	Under control	Outbreak reported from Peddireddypalem Village, PHC Varikuntapadu. District RRT investigated the outbreak. Water samples sent for analysis, results awaited. Disinfection of the house where one death occurred and surrounding 34 houses done. Pot chlorination done in the village. Overhead tank and all water sources chlorinated. Medical Officer PHC Varikuntapadu and paramedical staff instructed to hold a camp for 1 week and to have vigilance over the village and to submit daily report. Health education given to the public on sanitation and personnel hygiene and regarding safe drinking water.
2.	Assam	Sonitpur	viii. Acute Diarrhoeal Disease	20 / 0	27.09.10	Under control	Cases reported from village Thelamara Ghatgaon & Kamarchuburi, BPHC Bihaguri, Sub center Naharbari. Sub-divisional Magistrate, Bihaguri informed the DSO, IDSP on 28.09.10 regarding clustering of acute watery diarrhoea cases at Thelamara village. District RRT visited the affected area and total three stool samples collected and sent to Deptt. Of Microbiology, Guahati Medical College Hospital (GMCH) for suspected infection with Vibrio Cholera and culture sensitivity test, result is awaited. Total four water samples collected from the drinking water source for H <sub>2</sub> S strip test and all result showed fecal contamination. A temporary diarrhoea treatment camp is organized in the affected vilage. PHE dept. is intimated for supply of safe drinking water and chlorination of the drinking water source. Public health staff deployed for active search in the affected area.
		Kamrup	ix. Acute Diarrhoeal Disease	21 / 0	21.09.10	Under control	Outbreak reported from Village Raibori, under Uparhali BPHC, Sub center Bongora. A Medical team from Uparhali PHC visited the affected area. Four stool samples were collected and sent to Microbiology Deptt. GMCH, result showed no Vibrio Cholerae. Also five water samples by H <sub>2</sub> S strip test showed no fecal contamination. Uparhali BPHC informed that there was a rise in ADD cases in Raibori village as four patients from the village had attended the Azara OPD on 21 <sup>st</sup> September 2010 morning. Immediately Uparhali I/C along with his medical team reached the affected village and treated 16 similar cases who had symptoms of fever, loose motion and vomiting. Halogen tablets and ORS packets distributed in the affected area. Health education was given to the people for safe drinking water.
		Sibsagar	x. Acute Diarrhoeal Disease	180 / 0	22.09.10	Under surveillance	Outbreak reported from Village Borpathar, Mazpathar and Doomordollong. A Medical team from Patsaku BPHC with para-medical staff visited the affected area. Two stool samples collected and sent to Microbiology deptt. Assam Medical College Hospital (AMCH), result awaited. Two water samples tested by H <sub>2</sub> S strip of which one showed fecal contamination. Active surveillance is being done. Halogen tablets and ORS packet distributed in the affected area and health education given to the people of village for safe drinking water.

**DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE**

Sr. No	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Current Status	Comments/ Action taken
	Assam	Kamrup	<b>xi. Food poisoning</b>	176 / 0	19.09.10	Under control	Cases reported from Village Nepali Basti, Panikhaity PHC, Sub Center Hajonbori due to consumption of contaminated food (Prasad) in puja ceremony. A medical team from Jt. DHS Kamrup (M) visited the affected area on 20 <sup>th</sup> September, 2010, MO of Panikhaity along with other staff held a Medical camp at Hajongbori Maa Kamakhaya NGO Office. All the affected people attended a Puja ceremony and after taking the “Maha-Prashad” almost all the people developed the symptoms. Water samples tested by H2S strip showed no fecal contamination. Food samples could not be collected. Health education was given to the people for safe drinking water.
3.	Gujarat	Bharuch	<b>xii. Cholera</b>	2 / 0	24.09.10	Under surveillance	Cases reported from Villages Nava Borbhatha and Juna Diva, Block Ankleshwar, PHC Sajod due to consumption of contaminated water. District team investigated the outbreak. Control measures undertaken. Lab result: Rectal swabs collected, and tested by culture method showed Vibrio Cholera positive. No other diarrhoeal cases found in both villages.
		Bhavnagar	<b>xiii. Viral Hepatitis</b>	10 / 0	30.09.10	Under surveillance	Cases reported from Village/PHC/Sub Center Songadh, Block Shihor due to consumption of contaminated water. ASHA worker of the village informed about this outbreak to DSO. District RRT visited the affected area. Drinking water source in the village is from water tank through pipe lines which was not working due to defect in pump motor at water tank. The villagers were getting their water from the check dam which was not cleaned. Serum and water samples were collected and results are awaited. House to house survey done. Chlorination of drinking water sources and distribution of chlorine tablets done. Health education for safe drinking water and personal hygiene given to the affected villagers.
		Kheda	<b>xiv. Acute Diarrhoeal Disease</b>	8 / 2	26.09.10	Under surveillance	Cases reported from Village Bagdol, Block Kathial, PHC Bharkunda, Sub Center Bagdoi due to consumption of contaminated water. Four water samples collected of which 2 sample were not potable. House to house survey, Chlorination of drinking water and contact treatment done. IEC activity and health education given to the villagers.
4.	Karnataka	Kodagu	<b>xv. Viral fever (Suspected Dengue/Chikungunya)</b>	45 / 0	20.09.10	Under control	Outbreak reported from Village Gonikoppa, Kuttandi PHC, and Emmegundi Village, Chennankote PHC, in Virajpet Taluk. District RRT visited and investigated the affected area. Peri-domestic outdoor Aedes breeding sites found, mainly breeding sources are tyres, plastic container, metal drums, coconut shells and solid waste materials. One case found positive for Dengue and Chikungunya (the same person is found positive for both disease). Source reduction measures have been taken through involving PRI's and community participation. Health workers deputed for Surveillance, source identification, source reduction and IEC Activities.

5.	Kerala	Kasaragod	xvi. Typhoid	5 / 0	13.09.10	Under control	Outbreak reported from Chittarikkal Athirumavu ST Colony (PHC Chittarikkal). Age group of affected people 18-46 years, All cases had symptoms of fever and were admitted in Pvt. Hospitals. There is no water source in the colony and people depend on near by water stream for drinking and bathing. Outbreak investigation conducted by M.O. Medical camp conducted on 06/10/10. Sample tested in Labs attached to Pvt. Hospitals showed Widal positive. Chlorination of the water sources, health education conducted, House to house visit conducted for further Fever cases.
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**DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE**

Sr. No	Name of State/UT	Name of District	Disease/ Illness	No. of cases/ deaths	Date of start of outbreak	Current Status	Comments/ Action taken
6.	Madhya Pradesh	Panna	xvii. Measles	6 / 1	17.09.10	Under control	Cases reported from Village Mudwari, Block Gunnour. District Rapid Response Team (RRT) visited the affected area. Cases had fever with rash, cough, cold and conjunctivitis. All preventive measures taken and symptomatic treatment given to those affected. Vitamin – A supplement given to affected children in the village.
		Bagalghat	xviii. Measles	24 / 0	19.09.10	Under control	Outbreak reported from Urban, CHC Waraseoni. District Rapid Response Team (RRT) visited the affected area. Cases had fever with rash, cough, cold and conjunctivitis. All preventive measures taken and symptomatic treatment given to those affected. Vitamin – A supplement given to affected children in the village.
7.	Maharashtra	Solapur	xix. Malaria	21 / 0	30.09.10	Under control	Outbreak reported from Padolkarwadi, PHC:-Bhose, Taluka:-Mangalwedha. District RRT visited the affected area. Total 776 blood sample taken and tested. Result showed 21 positive for malaria (PV-3 & PF-18). Most of the cases had migrated from nearby districts. House to house survey, container survey, environmental control measures for breeding source reduction done and health education given.
8.	Rajasthan	Barmer	xx. Malaria	63 / 0	11.09.10	Under control	Outbreak reported from PHC Detani, Block Sheo due to heavy rain in desert area and water logging. District RRT visited the affected area and investigated the outbreak. Mass collection of blood slides for malaria test done and anti larval activity, focal spray & IEC activities under taken.
9.	Uttarakhand	Nainital	xxi. Dengue	135 / 0	13.09.10	Under control	Cases are being reported from the Ram Nagar and Haldwani area of District Nainital. District RRT investigated the outbreak. Lab result is positive for Dengue Haemorrhagic Fever. House to house survey being done. Control measures to reduce breeding sources initiated.

**FOLLOW-UP OF DISEASE OUTBREAKS OF PREVIOUS WEEKS**

Sr. 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	12 / 0	04.09.10	Under control	Many cases of fever reported from UT, Chandigarh, of which 12 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.
			Enteric Fever	19 / 0	15.08.10	Under surveillance	Cases reported from Manjimajra and surrounding Villages of UT. 19 positive cases have been detected in Manimajra and the surrounding villages by Widal test. Chief Engineer and Medical Officer Health of Municipal Corporation, Chandigarh have been informed about the current situation and are requested to take further necessary actions to stop the increase cases. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
2.	Rajasthan	Jaisalmer	Malaria	951 / 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.
3.	West Bengal	Nadia	Chikungunya	993 / 0	25.08.10	Under surveillance	Outbreak reported from Village Purbapara, Ranaghat-II, Asnhmali block. District RRT visited the affected area. Mass fever survey done and blood samples collected from fever cases for investigation of malaria and Chikungunya at NICED Kolkata. Paramedical staff deputed to the affected area for active surveillance. Entomological survey done. Fogging activities and source reduction measures undertaken in and around the affected villages. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
		Nadia	Dengue	131 / 0	01.09.10	Under surveillance	Outbreak reported from Village North & South Chandra under Arbandi-I Gram Panchayat of Santipur Block, Ranaghat Subdivision. District Rapid Response Team with Block health team visited the affected area and investigated the outbreak. Cases hospitalized at Santipur General Hospital. 6 sera samples found positive for Dengue. 35 blood smears tested negative for malaria. Fogging activities and source reduction measures undertaken in the affected village. IEC activities undertaken regarding early treatment of cases.

		<b>Jalpaiguri</b>	<b>Acute Diarrhoeal Disease</b>	46 / 1	18.09.10	Under surveillance	Outbreak reported from Kartik Tea Estate (Naya Line and Jadu Line) under Raydak Gram Panchayat of Kumargram Block, due to poor sanitation and contaminated water supply in the area. Block health team visited the affected area and investigated the outbreak. 10 water samples collected from the affected area and sent to water testing lab; result awaited. Three stool samples collected for culture at North Bengal Medical College (NBMC); result awaited. Health education given regarding hygiene and sanitation.
		<b>Hooghly</b>	<b>Acute Diarrhoeal Disease</b>	32 / 0	24.09.10	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.

**FOLLOW-UP OF DISEASE OUTBREAKS OF PREVIOUS WEEKS**

<b>Sr. No</b>	<b>Name of State</b>	<b>Name of District</b>	<b>Disease/ Illness</b>	<b>No. of cases/ deaths*</b>	<b>Date of start of outbreak</b>	<b>Current Status</b>	<b>Comments/ Action taken</b>
	<b>West Bengal</b>	<b>North 24 Parganas</b>	<b>Viral fever</b>	599 / 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 done by health staff for fever cases. IEC and health education activities undertaken regarding hygienic practices and sanitation measures.

\* Cumulative figures reported this week.