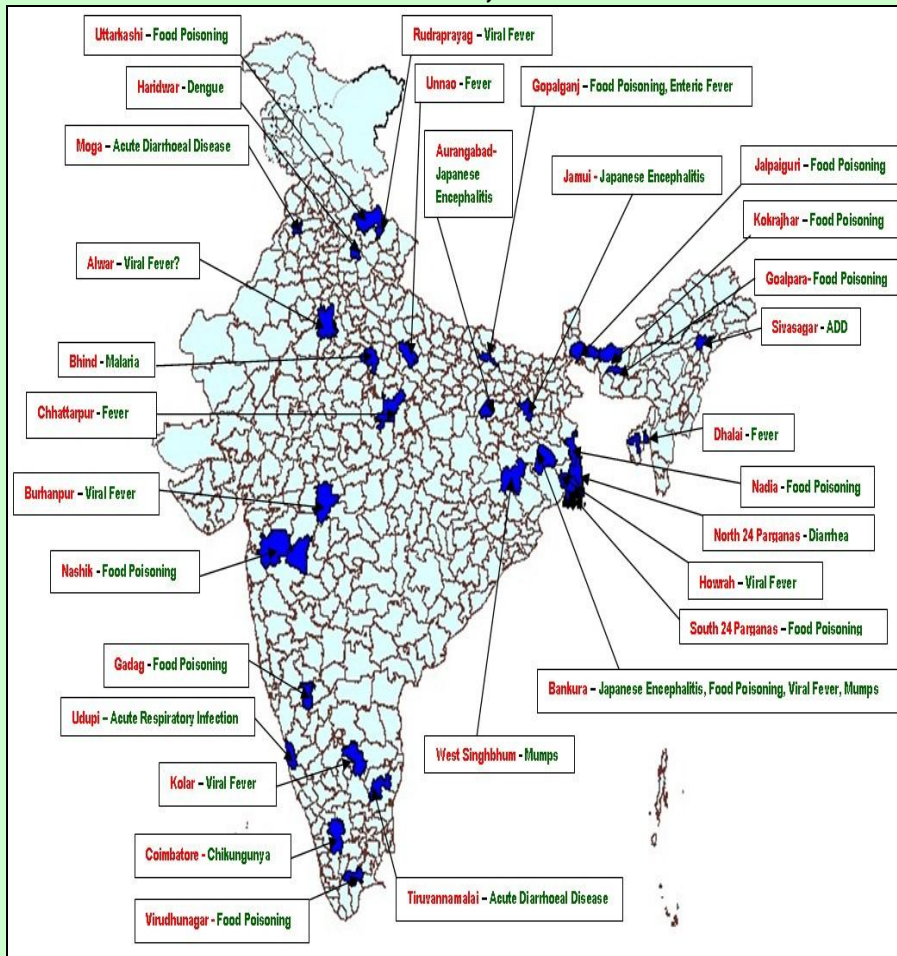




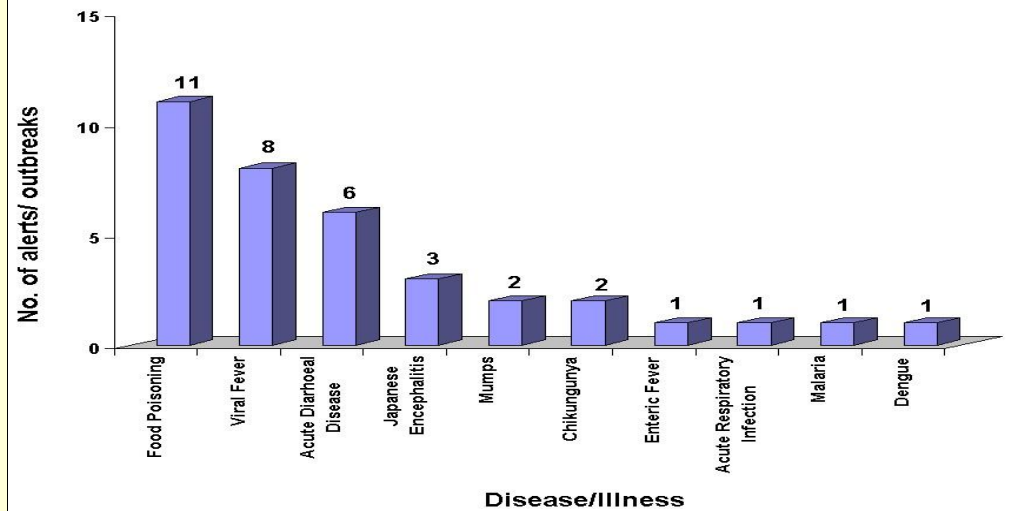
DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 37th week (ending 18th September) 2011



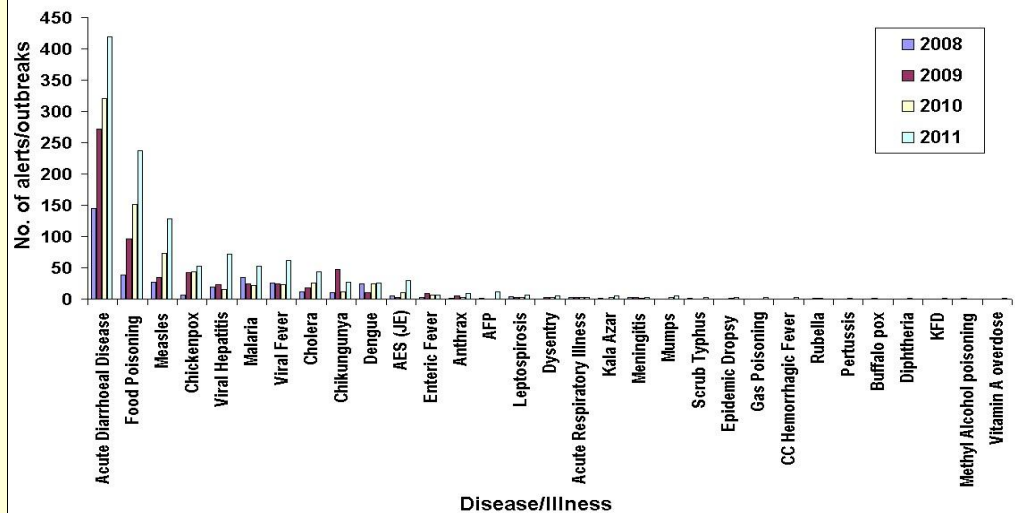
District wise disease alerts/outbreaks reported in the 37th week, 2011



Disease alerts/outbreaks reported during this week (n= 36)



Comparison of cumulative no. of disease alerts/outbreaks reported till the 37th week of 2008, 2009, 2010 & 2011



REPORTING STATUS OF STATES/UTs

No. of States/ UTs submitted outbreak report (including NIL report)	26
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	Sibsagar	i Acute Diarrhoeal Disease	17 / 0	12.09.11	14.09.11	Under Surveillance	Cases reported from Villages BhakatGaon and KadamoniGaon under BPHC Kaloogaon due to consumption of contaminated river water. Medical team from Kaloogaon BPHC visited and investigated the area. Fecal contamination found in one of the 2 water samples tested by H ₂ S strip test. 2 stool samples collected and sent to Microbiology Department, AMCH, Dibrugarh; lab result awaited. Active surveillance being done. ORS packets and chlorine tablets distributed in the locality. Awareness camp organized in the affected area. Health education is given to the community for safe drinking water.
		Gopalpara	ii Food Poisoning	15 / 0	18.09.11	18.09.11	Under surveillance	Cases presented with symptoms of diarrhoea, vomiting and pain abdomen from Village Maslam, PHC Bikali SD, BPHC Rangjuli after consumption of contaminated food (soaked gram) in a social function. Cases admitted at Rangjuli BPHC. All cases treated symptomatically. Medical team from Bikali SD visited the affected area. Food inspector visited the affected area, but could not collect food samples due to unavailability of food materials. Health education given regarding food sanitation.
		Kokrajhar	iii Food Poisoning	29 / 0	18.09.11	18.09.11	Under surveillance	Outbreak reported from Village Tilapara, SC Bhotgaon, PHC Rainadabri BPHC Balajan due to consumption of contaminated drinking water. Cases developed vomiting, loose motion and pain abdomen after consumption of contaminated food (stale curd) in a community feast. District RRT visited and investigated the outbreak area. 2 stool samples collected and sent to Microbiology Dept. GMCH, Guwahati; result awaited. Food samples collected by District Food Inspector for lab analysis; result awaited. Active survey done to find new cases. Health education given regarding food sanitation.
2.	Bihar	Aurangabad	iv Japanese Encephalitis ?	9 / 4	15.09.11	15.09.11	Under surveillance	Cases of fever with unconsciousness reported from Block Haspura (vill. Tilakpur), Block Dev (Vill. Khakhra), Block Madanpur (Village Mirzapur, Kesridira Saliyan, Sagra, Pantha), Block Rafiganj (Village Cheduvigha), Block Goh (Village Nimrar). District RRT visited the affected area and investigated the outbreak. There are pigs and paddy fields found near the houses of infected people. Mosquito control measures undertaken. Malathion fogging is being done in the affected villages. Symptomatic treatment of cases done at ANMCH. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
		Gopalganj	v Food Poisoning	23 / 0	15.09.11	16.09.11	Under surveillance	Cases of diarrhoea reported from Village Hararwa, PHC Panchdewari due to consumption of contaminated food. House to house visit of affected village done by health workers. ORS packets distributed to the people. PHC Medical team visited the affected area and investigated the outbreak. 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
	Bihar	Gopalganj	vi Enteric fever?	12 / 2	17.09.11	18.09.11	Under surveillance	Cases of fever clinically diagnosed as Typhoid reported from Village Rattan chack, Pritam saah ka tola, PHC Hathua. Cases treated at Sadar Hospital, Siwan. District RRT visited the affected area and investigated the outbreak. 97 blood samples collected for lab investigation; result awaited. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Jamui	vii Japanese Encephalitis	3 / 1	08.09.11	15.09.11	Under surveillance	Outbreak of reported from village Ameen, village Ranhan , Block Sikandra. Patients treated at Patna Medical College and Hospital, Patna. Laboratory investigation positive for Japanese encephalitis IgM antibodies in blood. 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.
3.	Jharkhand	West Singhbhum	viii Mumps	7 / 0	11.09.11	15.09.11	Under surveillance	Cases clinically diagnosed as Mumps reported from ACC Colony, Block Jhinkpani. Cases presented with mild fever and swelling of gland below the ear. Active surveillance is being done by Block Health team and paramedical staff. All cases are children below 12 years age. Symptomatic treatment given to all cases. IEC activities under taken regarding isolation and early treatment cases.
4.	Karnataka	Udupi	ix Viral fever	24 / 0	14.09.11	16.09.11	Under control	Outbreak of fever reported from a school in Village/PHC Shankarnarayana, Taluk Kundapura. District RRT visited the affected area and investigated the outbreak. Throat swab samples collected and sent to MCVR Manipal; result awaited. MO PHC visited the area and treated the cases. School staff is educated on personal hygiene and cleanliness.
		Gadag	x Food poisoning	20 / 0	14.09.11	15.09.11	Under control	Children presented with symptoms of diarrhoea and vomiting from Village/PHC Mulagund due to consumption of contaminated food (Jatropha seeds). District RRT visited the affected area, treated cases and investigated the outbreak. Health education given regarding food sanitation.
		Kolar	xi Viral Fever	35 / 0	06.09.11	14.09.11	Under control	Outbreak reported from Village Doddavallhabi, Subcentre Belamnahalli. District RRT visited the affected area and investigated the outbreak. 24 blood smears tested negative for Malaria. Larval survey and source reduction measures carried out by health workers. Cases treated symptomatically by Medical Officer and staff at village. Blood samples collected and sent to laboratory; tested negative for Dengue and Chikungunya. Active survey done to find new cases. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.

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.	Madhya Pradesh	Bhind	xii Malaria	52 / 3	12.09.11	18.09.11	Under control	Outbreak of fever reported from Village Moroli, Village Pachera, Village Sirsi under Block Mehgaon. District RRT visited the affected area and investigated the outbreak. Out of 52 blood slides sent for lab examination, 27 found positive for <i>P. falciparum</i> . IEC activities undertaken regarding early treatment of cases and mosquito control measures to be adopted by the community.
		Burhanpur	xiii Viral Fever	40 / 0	24.08.11	24.08.11	Under control	Outbreak of fever with joint pain reported from Village Pangari, Block Khaknar. Increase in number of mosquitoes breeding found in whole village. Medical team visited and investigated the outbreak affected area. 18 fever cases admitted in CHC Khaknar. Serum samples collected and sent to Micro. Dept., M.M. Medical College, Indore tested negative for Dengue and Chikungunya. Blood smears examined and found negative for malaria. House to house survey is being done by health workers. IEC activities undertaken regarding early treatment of cases.
		Chhattarpur	xiv Malaria	258 / 0	14.09.11	15.09.11	Under control	Outbreak of fever reported from Village Gathaiwara, PHC Ishanagar. District RRT visited the affected area and investigated the outbreak. Control measures taken regarding health safety. Out of 90 blood smears examined, 22 found positive for <i>P. vivax</i> . 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.
6.	Maharashtra	Nashik	xv Food Poisoning	208 / 0	15.09.11	18.09.11	Under control	Cases with symptoms of abdominal pain, nausea and vomiting reported from Jamhur High School, Jamhurnagar, Malegaon City, Block Malegaon due to consumption of contaminated food (khichdi). 37 severely ill students admitted and others treated on OPD basis. Food samples sent to FDA lab for investigation; result awaited. Health education given regarding hygiene and sanitation.
7.	Punjab	Moga	xvi Acute Diarrhoeal Disease	15 / 0	18.09.11	18.09.11	Under control	Cases reported from Maheshwari Sindhwa, Block PHC Daroli Bhai due to consumption of contaminated water. RRT visited and investigated the outbreak. Stool samples and water samples collected for testing for bacteriological contamination; result awaited. Cases treated symptomatically. One case admitted in Civil Hospital, Moga. ORS packets and chlorine tablets distributed. Health education given regarding hygiene, sanitation and using boiled water for drinking.
8.	Rajasthan	Alwar	xvii Acute Febrile Illness?	? / 37 (till 24 Sept.)	25.8.11	06.09.11	Under Surveillance	Many cases and deaths due to acute febrile illness reported from four blocks of Alwar District during 25 Aug - 24 Sept 2011 (27 cases from Block Rajgarh, 5 from Reni block, 3 Laxmangarh block, 2 from Tizara block). 81% deaths occurred among persons above 15 years of age. Investigation done by Central team assisted by State and District RRT. Samples tested at NCDC lab found positive for Scrub Typhus, Dengue, Chikungunya and Influenza A & B. Cases treated symptomatically. House to house case search and entomological survey done. IEC activities undertaken regarding early treatment of cases, mosquito control measures and personal protection measures to be adopted by the community.

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
9.	Tamil Nadu	Tiruvannamalai	xviii Acute Diarrhoeal Disease	11 / 0	16.09.11	16.09.11	Under control	Caes reported from Village Arunthathiya Colony, HSC Perumbakkam, PHC Melpennathur due to consumption of contaminated water. Stool samples and water samples sent for culture to King Institute, Guniydy; result awaited. Chlorination of OHT and other water sources done. Public advised to take boiled water for drinking purpose. Medical team deployed to affected area. Health education given regarding hygiene and sanitation.
		Virudhunagar	xix Food Poisoning	11 / 0	17.09.11	18.09.11	Under surveillance	Cases with symptoms of diarrhoea and vomiting occurred in Village/HSC Vadakkunatham, PHC Paralatchivadakkunatham, Block Virudhunagar due to consumption of contaminated food. Food samples not available for lab analysis. Health education given regarding food sanitation. Cases treated symptomatically.
10.	Tripura	Dhalai	xx Viral Fever	42 / 9	09.09.11	09.09.11	Under surveillance	Outbreak of fever reported from Shegunbagan, Shikaribari. District RRT visited the affected area and investigated the outbreak. Health camp orgnized. Serum samples collected for lab analysis; result awaited. Mass fever survey done. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
11.	Uttar Pradesh	Unnao	xxi Viral Fever	22 / 2	11.09.11	15.09.11	Under control	Cases reported from Village Rasoolpur Ruri, Block PHC Ganj Moradabad (10 cases/1 death); and from Village Jalimkhera, Block PHC Nawabganj (12 cases/1 death). District RRT visited the affected area and investigated the outbreak. Blood smears prepared for lab investigation; result awaited. Active survey done to find new cases. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
12.	Uttarakhand	Uttarkashi	xxii Food Poisoning	25 / 0	10.9.11	11.09.11	Under control	Outbreak reported from Udalika Dhanari, Block Dunda due to consumption of contaminated food (goat meat). Cases received primary treatment at PHC Dunda and severely ill cases referred to District Hospital Uttarkashi for further treatment. Food samples not available for lab analysis. Health education given regarding food sanitation.
		Rudrapryag	xxiii Viral Fever	53 / 0	07.09.11	07.09.11	Under control	Clustering of fever cases reported from Village Gaundar, Subcenter Rauhsi, Ukhimath. 12 blood samples taken and sent to lab; results awaited. Symptomatic treatment given to all patients. Health education given on personal hygiene, food and water sanitation.
		Haridwar	xxiv Dengue	10 / 0	05.09.11	12.09.11	Under surveillance	Cases of fever reported from Sultanpur Lakshar and Bahdarabad. Larval breeding noticed in the area. District RRT and local health team visited the areas. Samples were positive for Dengue by NSI antigen test and also IgG, IgM positive. Active surveillance done to find new fever cases and blood samples collected. IEC done regarding personal protection, environmental sanitation and prompt medical treatment. Source reduction measures, house to house survey done in the concerned areas. Indoor space spray done.

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
13.	West Bengal	Bankura	xxv Viral fever	39 / 0	18.09.11	18.09.11	Under surveillance	Cases suffering from high fever, joint pain with swellings reported from Bankura. 12 blood samples collected and sent for serology for Dengue and Chikungunya. All samples tested negative by RDK test. District RRT visited the area and treated cases symptomatically. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
			xxvi Mumps	15 / 0	18.09.11	18.09.11	Under surveillance	Cases of mumps diagnosed clinically in Village Kathadighi, S/C Kantadighi, GP Belut, Block Patrasayer. Block RRT visited the area and treated cases symptomatically. IEC activities undertaken regarding early treatment of cases.
		Bankura	xxvii Japanese Encephalitis	4 / 3	09.09.11	12.09.11	Under surveillance	Four lab confirmed cases of Japanese Encephalitis reported from Block Rajganj (GP Dabgram II and Panikauri) and Block Sadar (GP Patkata and Paharur). District RRT visited the affected area and investigated the outbreak. Paramedical staff deputed to the affected area for active surveillance. 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.
		Howrah	xxviii Viral fever	313 / 0	05.09.11	07.09.11	Under Surveillance	Cases of fever reported from Block Domjur (South Jhapordah, Keshabpur and Khantora Paschimpara Village and Rudrapur GP, Bachurgot and Makhhalpara in Rudrapur village). District RRT visited the affected area and investigated the outbreak. Blood smears sent for examination; result awaited. Health workers deputed to the affected area for active surveillance. Mass fever survey done. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
		Nadia	xxix Food Poisoning	81 / 0	18.09.11	18.09.11	Under surveillance	Cases of loose motion with vomiting and fever reported from Village Senpur, Kalirhat, GP Chakdiknagar, Block Krishnagar – I, SD Sadar, due to consumption of contaminated food (Sirnee) in a Sani Pooja. District RRT and Block medical team visited the area and conducted health education. Cases admitted to district hospital. Food samples not available for lab analysis. Health education given regarding food sanitation.
		North 24 Parganas	xxx Food Poisoning	85/0	18.09.11	18.09.11	Under Control	Cases of loose motion, vomiting, abdominal pain and fever reported from Village Kashipur (Paschim Para), Baikhola Sub-Center, Ranaghat Gram Panchayat. 49 patients hospitalized. Block health team visited the area and organized a medical camp. IEC activities undertaken regarding safe food, hygienic practices and sanitation measures.
		South 24 Parganas	xxxi Food Poisoning	110 / 0	14.09.11	15.09.11	Under Control	All cases are students with symptoms of vomiting, diarrhea, pain abdomen and fever after taking a possibly contaminated food (chicken, rice). Suspected case of <i>S. aureus</i> food poisoning, possibly from prepared chicken. All patients treated symptomatically, 6 patients admitted to hospital. Food samples sent to PH lab; results awaited. Health education given regarding hygiene and sanitation.

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.	Tami Nadu	Coimbatore	xxxii Chikungunya	10 / 0	02.09.11	Under control	Cases reported from Village Marappa Gounden Pudur, HSC Kilavanpudur, PHC Periapodu. 3 serum samples sent to ZET Coimbatore for lab testing found positive for Chikungunya. Mosquito control measures carried out with field staff. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
2.	West Bengal	Bankura	xxxiii Acute Diarrhoeal Disease	44 / 0	28.08.11	Under Control	Cases of diarrhea reported from Village Radhakantapur, GP Gopinathpur, Block Kotulpur because of consumption of contaminated water. 16 cases hospitalized for treatment. District RRT visited affected area and treated cases. Anti-diarrhoeal medicine distributed and disinfection of water sources done. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
			xxxiv Acute Diarrhoeal Disease	45 / 0	14.08.11	Under Control	Cases of diarrhea reported from Village Makhnu, SC Komo, Block Ranibandh because of consumption of contaminated water. District RRT visited the area. 36 cases hospitalized at BPHC Indus for treatment. Two stool samples (rectal swab) collected and sent to NICED for lab confirmation and serotyping found negative. Out of 4 water samples collected and sent to PHE for MPN count, 2 samples tested positive for fecal coliforms. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
			xxxv Food Poisoning	324 / 0	26.08.11	Under Control	Cases of fever, loose motion and vomiting reported from villages Lalbandh, S/C Panchmura, GP Panchmura, Block Taldangra after eating contaminated food. 147 cases admitted to Taldanga SDH and BSMCH. 2 stool samples collected and sent to NICED; 3 food samples collected and sent to STM; 3 water samples collected and sent to PHE lab. Lab results show no pathogenic organisms in food and stool samples. District RRT visited the area and organized Medical Camp. Disinfection done and IEC given regarding proper sanitation and food habits.
		Jalpaiguri	xxxvi Food Poisoning	76 / 0	27.08.11	Under surveillance	Cases of vomiting with loose stools reported from Block Dhupguri, GP Magurmari – II, S/C Magurmari – II after consumption of contaminated food (Sirni). 53 patients admitted to Maynaguri BPHC. Treatment centers setup. IEC activities undertaken regarding safe drinking water, safe food, 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.	Bihar	Gaya	Japanese Encephalitis	102 / 27	23.08.11	Investigation Open	Cases with symptoms of fever, unconsciousness, convulsion reported from most PHC of Gaya as well as near by districts (Aurangabad, Nawada, Arwal, Palamu and Chatra). RRT visited the affected areas. Samples of 10 patients found positive for Japanese Encephalitis. Samples of other cases sent for lab analysis; result awaited. Active surveillance done in areas from where deaths have occurred. Immunization against JE given in the affected areas. Spraying of Malathion done at the affected PHCs.
		Rohtas	Malaria	50 / 2	10.09.11	Under surveillance	Cases of fever and headache reported from village Hasari, SC Rehal, PHC Nauhatta. District RRT visited the affected area. Blood slides sent for microscopic examination; results awaited. Mass fever survey done. Fogging activities and source reduction measures undertaken in and around the affected village. Mosquito control measures under taken. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
2.	Jharkhand	East Singhbhum	Japanese Encephalitis	49 / 2	16.09.11	Under surveillance	Outbreak reported from Ptka, Patamda, Chakulia, Jugsalai Jamshedpur. Cases admitted at TMH and MGM hospital. 7 cases positive for JE from NIV Pune. Anti larval spraying is going on the outbreak affected area. Mosquito control measures under taken. IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
3.	Karnataka	Udupi	Malaria	10 / 0	05.09.11	Under control	Cases reported from Village/PHC Padubidri Taluk Udupi. District RRT visited the affected area and investigated the outbreak. 10 blood smears tested positive for P. vivax. All cases are construction workers from construction sites. Active case search done. Mass and contact smears have been taken. All fever cases treated with Chloroquine. Larvicide (Abate) spray done in places where mosquito breeding was seen. Health education given.
4.	West Bengal	Bankura	Acute Diarrhoeal Disease	62 / 0	21.08.11	Under Observation	Cases of diarrhea reported from Village Bangalchalk, SC Amrul, (40 cases) and from Village Kathnagar, S/C Kushmuri (22 cases) under Block Indus because of consumption of contaminated water. Severely ill cases hospitalized at BPHC Indus. All patients reported in stable condition. District RRT visited the area and treated cases. Anti-diarrheal medicine distributed and disinfection done. IEC regarding proper sanitation and food hygiene done.
			Acute Diarrhoeal Disease	93 / 0	15.09.11	Under Observation	Cases of loose motion reported from Village Andra and Kalika Pukur, SC Belut, GP Belut Rasulpur, Block Patrasayer due to consumption of contaminated water. Out of these, 12 cases admitted at Patrasayer BPHC. Block health team treated cases locally. Anti-dairroheal medicines distributed. Disinfection done. IEC done. Health education regarding proper sanitation and food habits given. One rectal swab sample found positive for <i>V. cholerae</i> O1 Ogawa at NICED. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
			Acute Diarrhoeal Disease	57 / 0	05.09.11	Under Observation	Cases of diarrhea reported from Village Jamda, SC Dharagram, GP Dahala (46 cases) and from Village Ekaduar, S/C Jhariakocha, GP Gorabari (11 cases) under Block Khatra because of consumption of contaminated water. All patients reported in stable condition. District RRT visited the area. Cases treated symptomatically. Anti-diarrhoeal medicine distributed and disinfection done. IEC regarding proper sanitation and food hygiene done.

* Cumulative figures reported this week.