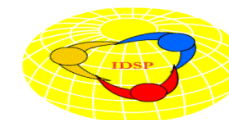
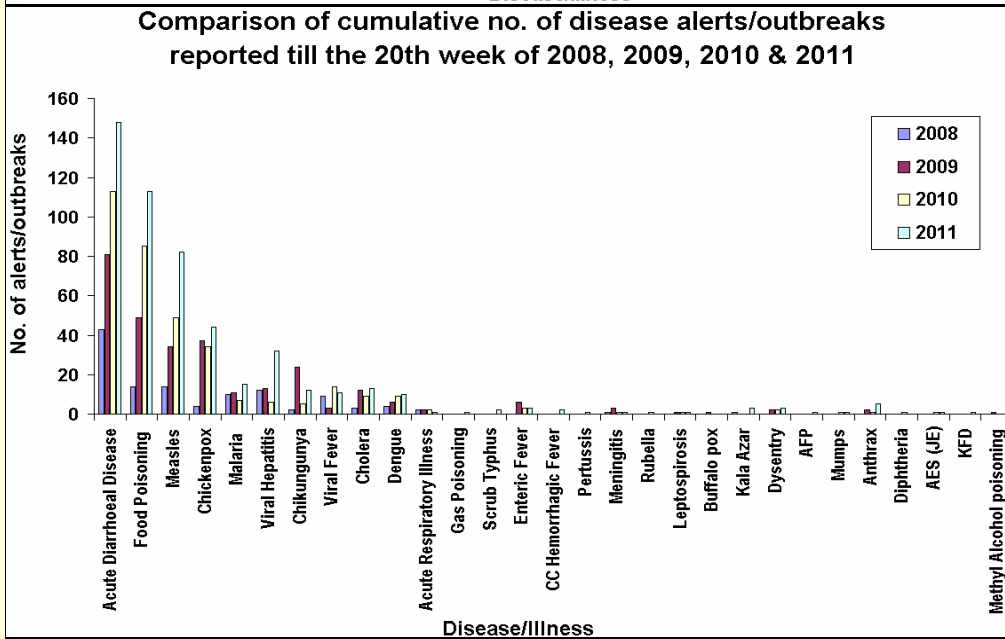
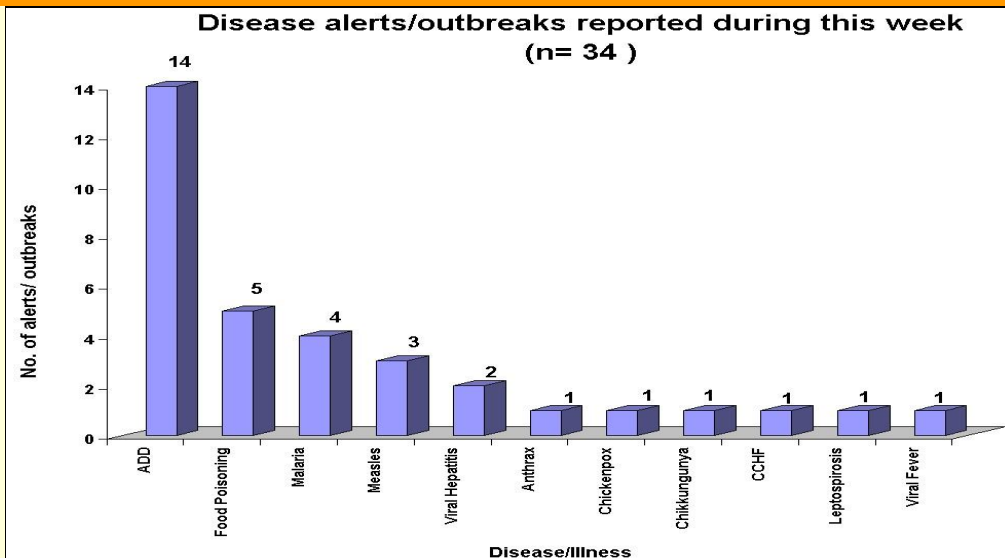
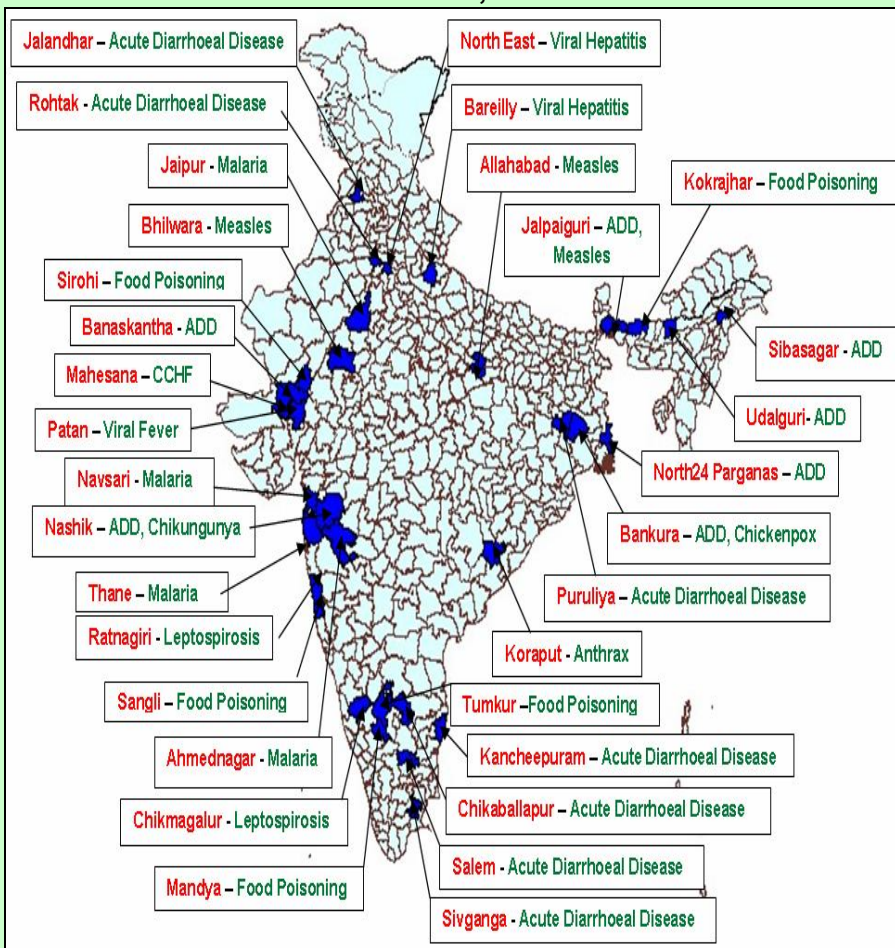




## DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 20<sup>th</sup> week (ending 22<sup>nd</sup> May) 2011



### District wise disease alerts/outbreaks reported in the 20<sup>th</sup> week, 2011



### REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	23
No. of States/ UTs submitted "NIL" outbreak report	11

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	32 / 0	18.05.11	20.05.11	Under surveillance	Outbreak reported from BPHC Patsaku, Suffry Tea Estate (TE), Line no. 2, 3 & 4 due to consumption of contaminated water. District Rapid Response Team (RRT) visited and investigated outbreak in the affected area. Water samples tested by H <sub>2</sub> S strip test and stool samples collected and sent to Microbiology Department, AMCH Dibrugarh for lab analysis; result awaited. Active search done in the affected area to find new cases. All cases treated. ORS packets and chlorine tablets distributed in the locality. Health education given regarding hygiene and sanitation.
		Korajhar	ii. Food (Mushroom) Poisoning	4 / 0	19.05.11	20.05.11	Under control	Cases reported from among a family in village Old Amguri, SC Bhogamguri, Block/PHC Balajan due to consumption of poisonous mushroom. District RRT visited the affected area and investigated the outbreak. All cases treated. Health education given about distinguishing edible and poisonous mushroom.
2.	Gujarat	Mehsana	iii. Crimean-Congo Hemorrhagic fever (CCHF)	1 / 1	21.05.11	25.05.11	Under surveillance	A female belonging to village Undani, Vadnagar Block, was admitted to Sterling Hospital Ahmedabad and expired on 21.05.11. She was confirmed as a case of Crimean-Congo Hemorrhagic fever (CCHF) by RT-PCR test at NIV, Pune. State Epidemic Team visited the village of the deceased as well as Sterling Hospital. The containment and preventive measures are being undertaken by the Health authorities and the Animal Husbandry department. Serum samples collected from all contacts of the case (Hospital staff and family members) and samples of Ticks (dead and live Ticks) sent to NIV, Pune for lab investigation; result awaited. Animal Husbandry Dept collected cattle sera samples and sent to HSADL Bhopal and NIV, Pune for analysis. Daily fever survey being undertaken in the area. Health education given regarding prevention and control measures to be undertaken by the community.
		Navsari	iv. Malaria	21 / 0	16.05.11	18.05.11	Under surveillance	Cases of fever occurred at village Khadsupa, PHC Adada, Block Navsari. Stagnation of canal water due to overflowing and improper drainage noticed in the area. District RRT visited the affected area. Fever survey done and blood smears of contacts taken. All suspected cases given radical treatment. Larvicide spray done and people advised not to allow stagnation of water in the neighborhood. Health education given regarding early treatment of cases and mosquito control measures.
		Banaskantha	v. Acute Diarrhoeal Disease	32 / 0	16.05.11	16.05.11	Under control	Outbreak reported from Village/SC/PHC Raner, Block Kankrej due to consumption of contaminated food. Medical Officer with his team visited and investigated outbreak in the affected area. All cases treated. Active search done for new cases. 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
	Gujarat	Banaskantha	vi. Acute Diarrhoeal Disease	287 / 0	15.05.11	16.05.11	Under control	Outbreak reported from Villages Godha, Virpur, PHC Jamala, Block Himatnagar due to consumption of contaminated food. Block health officer along with medical team visited the affected area and undertook necessary action. Stool and vomitus sample collected and sent to B.J. Medical College; result awaited. Water chlorination done and chlorine tablets distributed. Health education given regarding hygiene and sanitation.
		Patan	vii. Viral Fever?	16 / 0	21.05.11	21.05.11	Under surveillance	Cases of fever without any hemorrhagic manifestation reported from Siddhpur, Kuvara, Dashavada. 5 fever cases admitted at a private hospital for treatment. District RRT visited the affected area and investigated the outbreak. Mass fever survey done. Out of 7 serum samples collected for lab test; one tested positive for Dengue (RT-PCR). IEC activities undertaken regarding early treatment of cases and personal protection measures to be adopted by the community.
3.	Haryana	Rohtak	viii. Acute Diarrhoeal Disease	58 / 0	11.05.11	13.05.11	Under control	Outbreak reported from Village/PHC Baniyani due to consumption of contaminated water. All cases treated. Stool and water samples collected for lab test; result awaited. Halogen tablets and ORS packets distributed. Chlorination of water done. Health workers advised to educate the public regarding hygiene, sanitation and safe drinking water. Active case search done in the area.
4.	Karnataka	Tumkur	ix. Food Poisoning	64 / 0	17.05.11	18.05.11	Under control	Outbreak reported from Village Tuttikere and Gottegere, PHC Yadiyur, Taluka Kunigal due to consumption of contaminated food at a marriage party. District RRT visited and investigated outbreak in the affected area. Stool and water samples collected for lab analysis yielded <i>Esch. coli</i> on culture and were negative for cholera. Chlorination of water done. Health education imparted among the affected villagers regarding hygiene, sanitation and food safety.
		Chikkabalapur	x. Acute Diarrhoeal Disease	13 / 0	17.05.11	18.05.11	Under control	Cases reported from Village Y-Appareddypalli, PHC Beechaganahlli, Taluka Gudibande due to consumption of contaminated drinking water. Defect in water pipeline caused water contamination due to entry of sewage water into the main pipeline. District RRT visited and investigated outbreak in the affected area. Cases treated with ORS, IV fluids and antibiotics. Temporary clinic set up in the village and Gram Panchayat secretary advised to supply chlorinated drinking water. Stool samples collected for lab test; result awaited. Health education given regarding hygiene and sanitation.
		Mandya	xi. Food Poisoning	6 / 5	15.05.11	17.05.11	Under control	Cases with symptoms of diarrhoea, pain abdomen and vomiting reported from Village/PHC Holalu, Taluka Mandya due to consumption of contaminated food (fermented coconut water). District RRT visited the affected area and investigated outbreak. Stool samples along with food and water samples collected for lab analysis; water samples found contaminated and other reports awaited. Health education given regarding food 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.	Maharashtra	Nashik	xii. Chikungunya?	53 / 0	13.05.11	18.05.11	Under control	Cases of fever with joint pain reported from Village Mundegaon, PHC Wadivarhe, Block Tal Igatouri. District RRT visited and investigated outbreak in the affected area. Sera samples collected and sent to NIV, Pune, for testing for Dengue and Chikungunya. Rapid fever survey and container survey done in the area. Entomological survey revealed containers positive for breeding of <i>Aedes aegypti</i> larvae. Application of Abate, fogging and use of Guppy fishes in the water spaces done. Camp arranged at Gram Panchayat to treat cases. IEC activities undertaken regarding early treatment of cases and mosquito control measures.
			xiii. Acute Diarrhoeal Disease	57 / 0	09.05.11	10.05.11	Under control	Outbreak reported from Village/PHC Jogmodi, Block Tal Peth due to consumption of contaminated water. District RRT visited and investigated outbreak in the affected area. Water and stool samples collected and sent to DPHL; result awaited. Epidemic medical camp setup at the Aganwadi. Active house to house survey done to find new cases. Water chlorination and OT testing done. Health education given regarding hygiene and sanitation.
		Ahmednagar	xiv. Malaria	30 / 0	20.05.11	22.05.11	Under control	Outbreak of fever reported from CHC Kopergaon, Block Chasnalli. District RRT visited the affected area and investigated the outbreak. 8 blood smears found positive for <i>P. vivax</i> . Rapid fever survey and entomological surveillance done. Fogging activities and source reduction measures undertaken in the affected area. IEC activities undertaken regarding early treatment of cases and mosquito control measures.
		Sangli	xv. Food Poisoning	7 / 3	22.05.11	24.05.11	Under control	Cases of diarrhoea and vomiting reported from the same family of village Mouje biranwadi, Block Tasgao due to consumption of contaminated food (pesticide ). All cases admitted to hospital for treatment. Stool samples collected and food samples sent to SPHL, Pune; result awaited. Health education given regarding hygiene, sanitation and food safety.
6.	Orissa	Koraput	xvi. Anthrax	2 / 1	15.05.11	15.05.11	Under control	Cases reported from Villages Gatidusura, Bhagirathipur, GP/SC Subai, CHC Kunduli, Block Semiliguda. District RRT with the block health team visited affected village and investigated outbreak in the affected area. All cases treated with antibiotics. Animal Husbandry department informed for cattle vaccination. IEC activities undertaken regarding handling of potentially contaminated articles and their proper disposal.
7.	Punjab	Jalandhar	xvii. Acute Diarrhoeal Disease	35 / 0	22.05.11	23.05.11	Under control	Outbreak reported from Village Bath under Block Mehatpur due to consumption of contaminated water caused by leakage in water pipeline. Out of 7 stool samples collected and sent for lab test, one sample tested positive for <i>V. cholerae</i> . Chlorine tablets distributed. Active house to house survey done to find new cases. Medical camp organized in the affected village. Leakage in water pipeline repaired. ORS packets and chlorine tablets distributed in the locality. IEC activities undertaken regarding prevention of water borne disease.

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.	Rajasthan	Bhilwara	xviii. Measles	38 / 1	12.05.11	13.05.11	Under control	Outbreak of fever with rash reported from Village Roopnagar, SC Thalkala, PHC Kachola, Block Mandalgarh. Medical team visited the affected area. House to house survey done. 7 blood samples collected and sent to Jaipur; result awaited. All cases are children less than 10 years of age. Vitamin A given to all susceptible children between 9 months to 5 years. Vaccination status of cases being ascertained. Health education given regarding providing proper nutrition, isolation and early treatment of cases.
		Jaipur	xix. Malaria?	24 / 0	12.05.11	13.05.11	Under control	Outbreak of fever with anemia reported from Chaksu, Kauthoon, Rampura. District RRT visited the affected area and investigated the outbreak. Medical staff deputed to the affected area for active surveillance. Blood slides collected for examination; result awaited. Mass fever survey and entomological survey done. Anti larval activities surveillance done. Fogging activities and source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding early treatment of cases and mosquito control measures.
		Sirohi	xx. Food Poisoning	99 / 0	14.05.11	14.05.11	Under control	Outbreak reported from Village Goili, Indira Colony Tehsil and District Sirohi due to consumption of contaminated food. Medical team visited and investigated outbreak in the affected area. Water and food samples collected for lab analysis; result awaited. All patients treated and recovered. Health education given regarding food sanitation.
9.	Tamil Nadu	Kancheepuram	xxi. Acute Diarrhoeal Disease	12 / 0	16.05.11	17.05.11	Under control	Cases of diarrhoea reported from among workers of a construction site at village Thiruneermalai, PHC Anagaputhur, Block St. Thomas Mount, due to consumption of contaminated water supplied through water tanker. Water and stool samples collected and sent to King Institute for lab analysis; result awaited. ORS packets and chlorine tablets distributed in the locality. Health education given regarding hygiene and sanitation.
		Shivganga	xxii. Acute Diarrhoeal Disease	22 / 0	22.05.11	23.05.11	Under control	Outbreak reported from Village Kavathukudi, PHC Thiruvegampet, Block Devakottai due to consumption of contaminated water. Water and stool samples collected for lab analysis; result awaited. Chlorination of water sources done. Medical team visited the affected area and investigated the outbreak. Active house to house survey done to find new cases. All cases treated. ORS packets and chlorine tablets distributed. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
10.	Uttar Pradesh	Allahabad	xxiii. Measles	6 / 0	09.05.11	09.05.11	Under control	Cases with fever and rash reported from village Baharia and Mailha. District RRT visited and investigated the affected area. Measles vaccination and vitamin A given to all children, and all sick children treated. Active surveillance done in the affected village. IEC activities undertaken regarding early treatment and isolation of cases.



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
11.	West Bengal	Purulia	xxiv. Acute Diarrhoeal Disease	76 / 0	15.05.11	16.05.11	Under control	Cases presented with loose motion and vomiting from Village Turang, PO Bijodih, SC Baliguma, Block Manbazar due to consumption of contaminated water and lack of sanitation practices in the area. Water samples collected for lab analysis; result awaited. Chlorination of water sources done. All cases treated. ORS packets and chlorine tablets distributed. Health education given regarding hygiene and sanitation.
		Jalpaiguri	xxv. Acute Diarrhoeal Disease	49 / 0	22.05.11	23.05.11	Under surveillance	Outbreak reported from Hamlets Jaybangla Line, Beach Line and Daina Line, GP Sulkapara, SC Bamandanga, Block Nagrakata, due to consumption of contaminated water and poor sanitation practices in the area. Block health team visited the affected area. Active search done for new cases. All cases treated. Distribution of ORS packets and chlorine tablets done. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Bankura	xxvi. Acute Diarrhoeal Disease	24 / 0	22.05.11	23.05.11	Under surveillance	Cases of diarrhoea and vomiting reported from Village Singargora GP Chinabri, Block Chhatna due to consumption of contaminated food and water. Block health team visited the affected area. 10 cases admitted for treatment at Chhatna BPHC. Active search done for new cases. All cases treated. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
			xxvii. Chicken pox	10 / 0	10.05.11	10.05.11	Under surveillance	Cases of fever and rash reported from Village Chakai, GP / SC Pearbera, Block Sonamukhi. District RRT visited and investigated outbreak in the affected area. Cases treated symptomatically. IEC activities undertaken regarding isolation and early treatment of cases.

**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.	Assam	Udalguri (Darrang)	xxviii. Acute Diarrhoeal Disease	200 / 0	14.04.11	Under surveillance	Cases reported from BPHC Orang TE, due to consumption of contaminated water from tube well. Joint DHS, DSO, Udalgiri alongwith Medical Staff of Orang BPHC visited the affected area and investigated the outbreak. Medical camp conducted in the affected area. Paramedical team deployed to conduct active survey in the area. Water and stool samples collected and sent to Microbiology Department, GMCH, Guwahati for culture sensitivity found negative for <i>V. cholerae</i> . ORS packets and chlorine tablets distributed. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
2.	Delhi	North East	xxix. Viral Hepatitis E	1748 / 0	March 2011	Under control	Outbreak reported from various Pustas in Sonia Vihar due to fecal contamination of drinking water. District RRT and Central team visited the affected area and investigated the outbreak. 13 sera samples were positive for Anti-HEV Ig M. Health teams surveyed the village to find new jaundice cases. All cases treated symptomatically. Chlorine tablets distributed to the households. Delhi Jal Board officials instructed to chlorinate all water sources. Health education given regarding hygiene and sanitation. Chlorine tablets and ORS packet distributed among the affected village people. IEC activities done for safe drinking water.
3.	Karnataka	Chikmagalur	xxx. Leptospirosis	18 / 1	27.04.11	Under control	Outbreak reported from Village Balahadlu, PHC Balehole, Block Mudigere. District RRT visited and investigated outbreak in the affected area. Out of 18 blood samples collected, 3 samples tested positive for Leptospirosis at Shimoga Medical College. Medical team deployed to affected area to treat cases. Daily house to house survey done for new cases. Prophylactic treatment given to suspected cases. Health education given regarding prevention of Leptospirosis.
4.	Maharashtra	Thane	xxxi. Malaria	20 / 0	02.05.11	Under surveillance	Cases reported from Village Sarmal, Sub Centre Sana, Shahapur, PHC Vashind, Block Shingepada Kawadi. District RRT visited the affected area. 16 blood smears found to be positive for <i>P. vivax</i> . Breeding of mosquitoes identified in water bodies in the villages. Active search done for new fever cases. Temporary clinic set up at village to treat fever cases. Indoor fogging done using pyrethrum extract and Larvivorous fish released into tank and ponds. IEC activities undertaken regarding personal protection measures.
5.	Uttar Pradesh	Bareilly	xxxii. Viral Hepatitis (B & C)	41 / 3	Sept. 2010	Under surveillance	Central team visited and investigated the report of clustering of cases of Viral Hepatitis C in a few neighboring villages under Tehsil Baheri. District Health authorities reported the occurrence of 41 cases of Hepatitis C since Sept 2010. District Health team as well as the teams from King George Medical College, Lucknow; SGPGI, Lucknow and SRM Medical College, Bareilly had visited the affected areas earlier, treated cases and provided health education regarding prevention of Hepatitis C virus transmission and unsafe injection practices. The unsafe injection practices and lack of awareness among the population was considered the main reason for continued transmission and high prevalence in these areas. Out of 4 sera samples collected by the Central team and tested at NCDC, Delhi, 2 found positive (by ELISA test) for both Hepatitis B and C (Anti-HBc and Anti-HCV antibodies).

**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
6.	West Bengal	Jalpaiguri	xxxiii. Measles	6 / 0	16.03.11	Under surveillance	Cases with fever and rash reported from Saripakuri Sub Centre, Gram Panchayat Kranti, Block Mal. District RRT visited and investigated the affected area. Measles vaccination and vitamin A given to all children, and all sick children treated. Active surveillance done in the affected village. IEC activities undertaken regarding early treatment and isolation of cases.
		North24 Parganas	xxxiv. Acute Diarrhoeal Disease	21 / 0	07.05.11	Under control	Outbreak reported from Daspara colony, Daskin Champapur, Basirkhat-II Block under North24 Parganas due to contaminated water. District RRT visited and investigated outbreak in the affected area. Stool and water samples collected and sent to NICED, lab result awaited. Alternate drinking water supply arranged. ORS packets and Halozone tablets distributed in the affected area. 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.	Arunachal Pradesh	East Kameng (Seppa Town)	Acute Diarrhoeal Disease	211 / 0	31.01.11	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. All cases treated. ORS packets and chlorine tablets distributed. Health education given regarding hygiene and sanitation.
2.	Haryana	Ambala	Acute Diarrhoeal Disease	21 / 0	07.05.11	Under control	Cases of diarrhoea reported from village Sultanpur, SC Kakru, PHC Panjkokhera, Block Chaurmastpur. District RRT visited and investigated outbreak in the affected area. Water samples collected from the affected area; result awaited. Halogen tablets and ORS packets distributed. Health education given regarding hygiene and sanitation.
		Yamuna Nagar	Acute Diarrhoeal Disease	18 / 0	04.05.11	Under control	Cases reported from Village Khurdhan, PHC Alahar, CHC Radaur, due to consumption of contaminated water. District RRT visited and investigated outbreak in the affected area. House to house survey conducted by the medical and paramedical teams. Chlorine tablets and ORS packets distributed among the affected village people. People advised to boil water before using it for drinking purpose and to maintain personal hygiene.
3.	Karnataka	Belgaum	Acute Diarrhoeal Disease	24 / 0	15.05.11	Under control	Outbreak reported from Village/PHC Konnur, Taluka Gokak due to consumption of contaminated water. District RRT visited and investigated outbreak in the affected area. Stool samples collected for lab analysis; result awaited. Field investigation done to determine the cause of outbreak. Alternative safe drinking water made available. Halogen tablets and ORS supplied house to house. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
4.	Maharashtra	Sindhudurg	Dengue	5 / 0	10.05.11	Under control	Cases of fever reported from Village Govandiwada, PHC Malvan. Dengue cases previously reported from village Dandi under PHC Malvan. Out of 5 serum samples tested, one found positive for dengue. Rapid fever survey and house to house container survey done. Increased mosquito breeding found in the area. Larvicides used and fogging done in the area. Health education imparted among the affected village people.
5.	West Bengal	Jalpaiguri	Measles	26 / 0	15.03.11	Under control	Outbreak reported from GP Patkata, SC Natunpara/ Nayabasti, PHC Rangdhamali, Block Sadar. District RRT visited and investigated outbreak in the affected area. All cases are children below 10 years of age. Vitamin A solution and measles vaccination given to all susceptible children in the age-group of 9m. - 5 years.
		Nadia	Anthrax	7 / 0	25.04.11	Under surveillance	Cases reported from Village Tehatta GP Kalupur, Laxmipur SD Karimpur-II, Block Natiganga-I. Block medical team regularly visiting affected villages. All cases treated with antibiotics. IEC activities undertaken regarding personal protection measures including handling of potentially contaminated articles, proper disposal of carcass, etc.
		Murshidabad	Anthrax	7 / 0	18.05.11	Under surveillance	Cases reported from Village Madanpur, Berhampur, GP Madanpur. Block RRT visited and investigated outbreak reported from the affected area. 3 smears collected and sent to DPH Lab for investigation; lab result awaited. All cases treated with antibiotics. Animal Husbandry Department informed regarding cattle vaccination. IEC activities undertaken regarding handling of potentially contaminated articles, their proper disposal, personal cleanliness etc. Active surveillance is going on.

\* Cumulative figures reported this week.