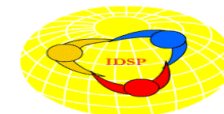
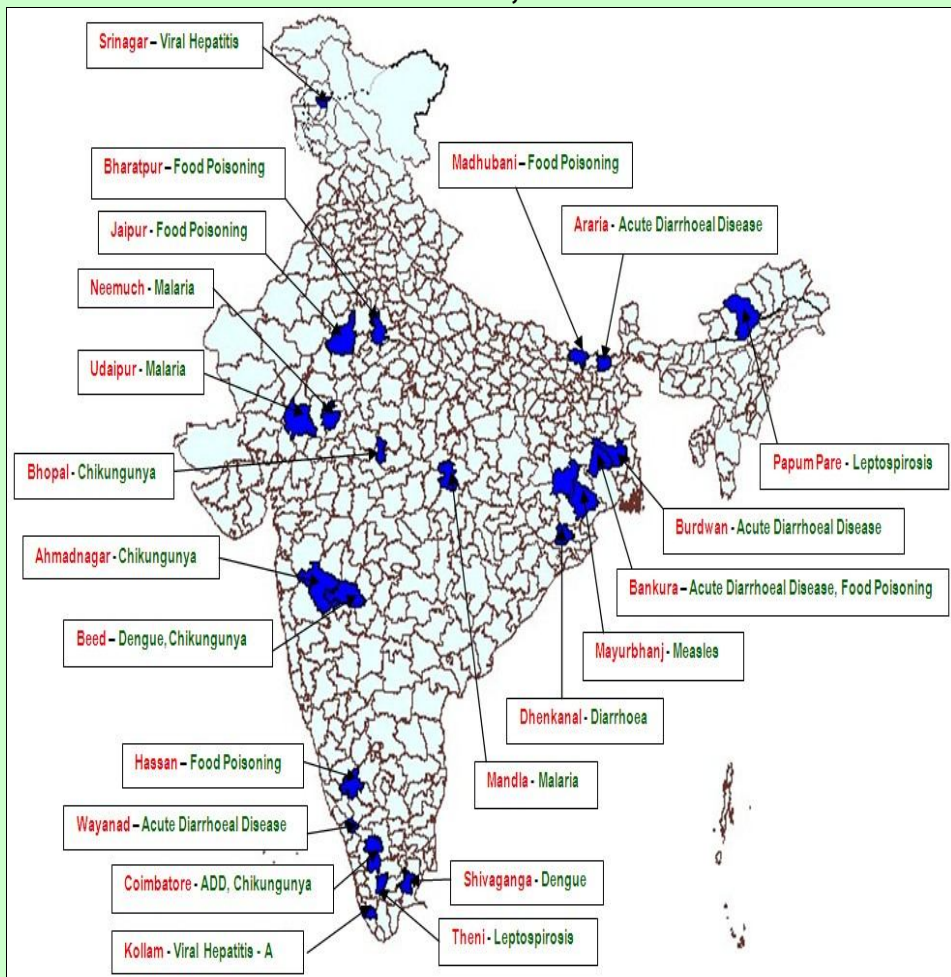




DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP) 45th week (ending 13th November) 2011



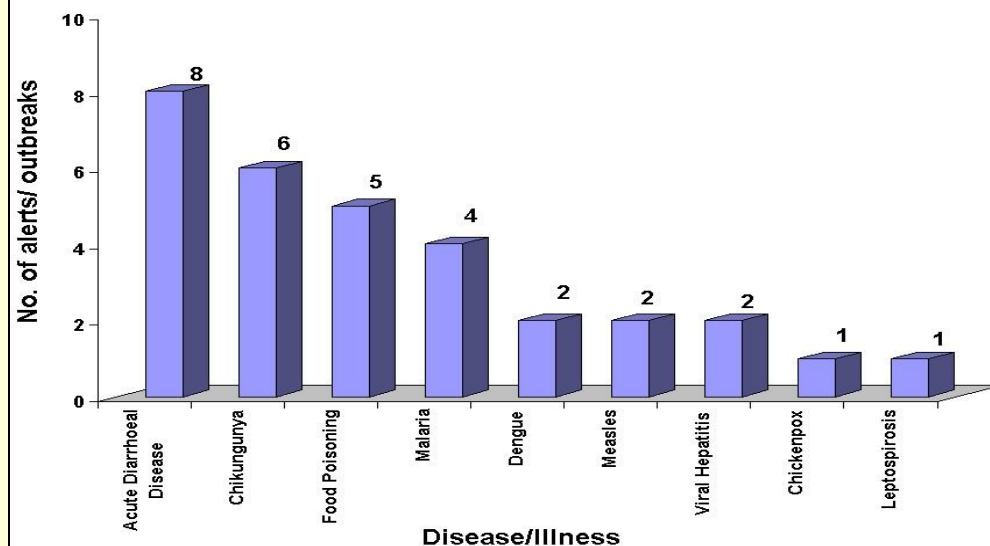
District wise disease alerts/outbreaks reported in the 45th week, 2011



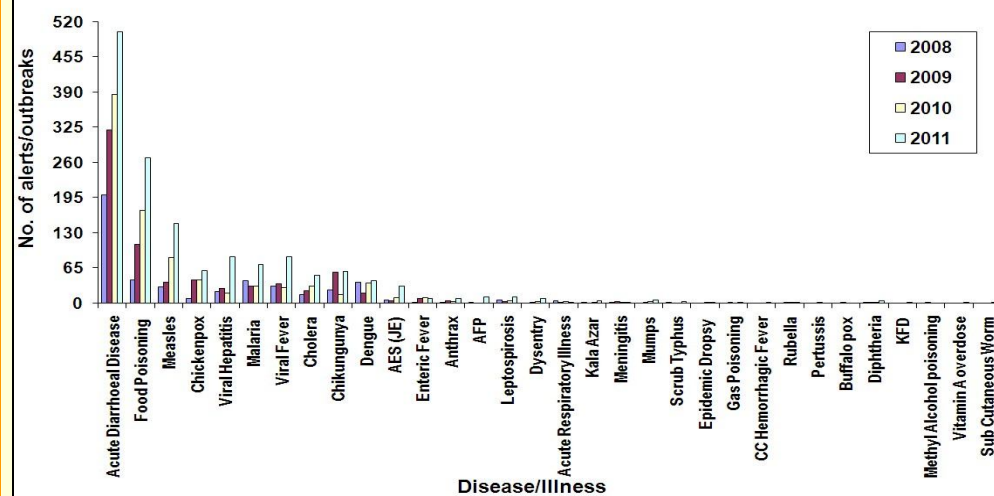
REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	24
No. of States/ UTs submitted "NIL" outbreak report	12

Disease alerts/outbreaks reported during this week (n= 31)



Comparison of cumulative no. of disease alerts/outbreaks reported till the 45th week of 2008, 2009, 2010 & 2011



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.	Arunachal Pradesh	Papum Pare	i Measles	6 / 0	08.11.11	08.11.11	Under control	Cases with fever and rash, clinically diagnosed as measles, reported from Village Ruba, Homi, Keba. District RRT visited the affected area and investigated the outbreak. Cases treated symptomatically. IEC activities done regarding isolation and early treatment of cases.
2.	Bihar	Madhubani	ii Food Poisoning	10 / 1	30.10.11	11.11.11	Under control	Cases with symptoms of diarrhoea, vomiting and pain abdomen reported from Village Barhara, PHC Babubarhi, due to consumption of contaminated food. Block health team visited the affected area. Food samples not available for lab analysis. ORS packets distributed among the affected people. Health education given regarding food sanitation.
3.	Jammu & Kashmir	Srinagar	iii Viral Hepatitis	7 / 1	31.10.11	12.11.11	Under surveillance	Cases of fever, vomiting and jaundice reported from Village Sumbal and Sahipatti, PHC Gund, Block Ganiwan due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Five serum samples collected for viral markers for Hepatitis; result awaited. Health education given regarding safe drinking water.
4.	Jharkhand	West Singhbhum	iv Malaria	104 / 0	04.11.11	07.11.11	Under surveillance	Cases with history fever, headache, chills, rigor and loose motion reported from Village Baihatu, Block Kumardungi. District RRT visited the affected area and investigated the outbreak. 300 blood samples collected for lab investigation, out of which 97 blood smears tested positive for <i>P. falciparum</i> and 7 for <i>P. vivax</i> . House to house survey done for new fever cases and breeding sites of mosquitoes. Fever cases treated with anti-malarial drugs. Spraying operation done and bed-nets distributed. IEC activities undertaken given regarding mosquito control and personal protection measures.
			v Chicken Pox	16 / 0	9.11.11	12.11.11	Under surveillance	Cases of fever with maculopapular rash and vesicles reported from SPG Boys Hostel, SPG Mission School Bara Nimidh, Block Sadar Chaibasa. Block health team visited the affected area. Treatment of cases done symptomatically. Health education given regarding isolation of cases.
5.	Karnataka	Hassan	vi Food poisoning	48 / 0	7.11.11	8.11.11	Under control	Cases reported from Village Malligevalu, PHC Agile, Taluk Hassan due to consumption of contaminated food. District RRT visited the affected area and investigated the outbreak. Three stool and 3 water samples collected for lab investigation; only commensals found and no enteric pathogens identified. IEC activities undertaken regarding safe drinking water and safe food habits.

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
6.	Kerala	Kollam	vii Hepatitis A	39 / 0	10.11.11	12.11.11	Under control	Cases of fever and jaundice reported from Village Nilamel, Kaithodu, Edathara Block Nilamel, due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. Lab investigation done at CHC Nilamel, Taluk Kadakkal and local Private labs. Water samples sent for lab testing; result awaited. Active house to house survey conducted to find new cases. All cases treated symptomatically. Arrangements made for giving health education to all people with special emphasis on school children. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
7.	Madhya Pradesh	Bhopal	viii Chikungunya	*6 / 0	11.11.11	13.11.11	Under control	Cases of fever reported from Sukhi Nipaniya, CHC Gandhinagar. Six cases of Chikungunya are serologically confirmed by ELISA test. District RRT investigated the outbreak. Active house to house survey conducted to find new cases. All cases treated. Mass fever survey and entomological surveillance done. Fogging activities and source reduction measures undertaken in the affected village. IEC activities undertaken regarding early treatment of cases.
		Mandla	ix Malaria	33 / 0	11.11.11	12.11.11	Under surveillance	Outbreak of fever reported from Village Dehra, Section Patha, Block Narayangung. 33 blood samples were positive for <i>P. falciparum</i> malaria by RDT Kit and microscopic blood slide examination. Active surveillance by house to house visit done to find new fever cases. Focal spray of Pyrethrum done. IEC activities undertaken regarding early treatment of cases and mosquito control measures.
8.	Maharashtra	Ahmednagar	x Chikungunya	31 / 0	31.10.11	09.11.11	Under control	Cases reported from Village Hiradgaon, PHC Adhalgaon, Block Shrigaonda. 3 serum samples tested positive for Chikungunya IgM antibodies at NIV Pune. District RRT along with DMO Ahmednagar visited the affected area and investigated the outbreak. Preventive measures undertaken like biological control and fogging activities.
9.	Orissa	Dhenkanal	xi Acute Diarrhoeal Disease	35 / 2	12.11.11	13.11.11	Under control	Case reported from Village Khalapal, SC Khairamunda, Block Parjanga due to consumption of contaminated water from a common contaminated well. Health Officer 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 in the locality. Health education given regarding hygiene and sanitation.

* 6 lab confirmed 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
10.	Rajasthan	Bharatpur	xiii Food Poisoning	69 / 0	31.10.11	3.11.11	Under control	Cases with symptoms of diarrhoea and vomiting reported from Village Chentoli, PHC Bachrain, Block Bhusawar due to consumption of contaminated food. District RRT visited the affected area and investigated the outbreak. Three food samples and 4 water samples collected for lab test; results are awaited. Health education given regarding food sanitation and personal hygiene.
		Jaipur	xiii Food Poisoning	39 / 0	3.11.11	5.11.11	Under control	Cases of loose motion and vomiting due to consumption of contaminated food, reported from Village Sitapura, Boash company premises, PHC Pratap nagar Dispensary Sector 11, Block Sanganer. District RRT visited the affected area and investigated the outbreak. One rectal swab and 1 food sample collected for lab test; results are awaited. IEC activities undertaken regarding safe food habits.
		Udaipur	xiv Malaria	23 / 0	31.10.11	2.11.11	Under control	Cases of fever reported from CHC Lasadiya, Block Salumber from Village Khajuri (10 cases) and village Bedawal (13 cases). District RRT visited the affected area and investigated the outbreak. Active surveillance by house to house visit done to find new fever cases. 420 blood samples collected out of which 18 samples are positive for <i>P. vivax</i> and 5 samples are positive for <i>P. falciparum</i> . Treatment of cases done with anti-malarial drugs. IEC activities undertaken regarding mosquito control measures and personal protection measures.
11.	Tamil Nadu	Shivaganga	xv Dengue	*6 / 0	12.11.11	13.11.11	Under control	Cases of fever reported from Karaikudi (Municipal area), Block Karaikudi. Six cases are serologically confirmed as Dengue at the District Priority Lab, Ramanathapuram. District RRT visited the affected area and investigated the outbreak. Anti-larval measures along with fogging operations initiated. IEC activities undertaken regarding early treatment of cases and personal protection measures.
		Theni	xvi Leptospirosis	6 / 0	11.11.11	12.11.11	Under control	Cases of fever, cough and body ache reported from Village Sankaramoorthypatti, HSC Vaigaipudur, PHC Vaigaidam, Block Periyakulam. District RRT investigated the outbreak. Out of 5 blood samples collected and tested at Govt. Medical College, Theni, 2 tested positive for Leptospirosis. IEC activities undertaken regarding safe drinking water and personal protection measures.

* 6 lab confirmed 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
12.	West Bengal	Bankura	xvii Acute Diarrhoeal Disease	25 / 0	10.11.11	12.11.11	Under observation	Cases of loose motion reported from Village Nanda, G.P. Gopalpur, Block Hirbandh, due to consumption of contaminated water. Block health team investigated the outbreak and treated cases. ORS packets and chlorine tablets distributed among the affected people and disinfection of water sources done. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Burdwan	xviii Acute Diarrhoeal Disease	30 / 0	08.11.11	09.11.11	Under surveillance	Outbreak reported from Adivasi Para Village Ektara, PO Bhada, GP-Billogram, Ausgram-I. District RRT visited the outbreak area. 3 rectal swabs and 2 water samples collected for lab test; result awaited. Symptomatic treatment given and local disinfection of tube wells done. ORS packets distributed. IEC conducted for proper hygiene.
			xix Acute Diarrhoeal Disease	16 / 0	04.11.11	09.11.11	Under surveillance	Cases reported from Village Silakote, Orgam, GP Sahebganj- II, Bhatar due to consumption of contaminated water/food. District RRT visited the outbreak area. 2 rectal swab samples and one water sample collected for Lab test; result awaited. Symptomatic treatment given. ORS packets distributed. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
			xx Acute Diarrhoeal Disease	75 / 0	30.10.11	08.11.11	Under surveillance	Outbreak reported from Village Nanna, Bijur-II, G.P. Begunia under Block Memari – II. District RRT visited and investigated the outbreak affected area. Symptomatic treatment done. Local disinfection of tube wells. ORS packets and chlorine tablets distributed. Meeting held with Panchayat members. 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.	Bihar	Araria	xxi Acute Diarrhoeal Disease	31 / 0	08.10.11	Under control	Outbreak reported from Jokihat probably due to consumption of contaminated water. Block Health Officer 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 in the locality. Health education given regarding hygiene and sanitation.
2.	Kerala	Wayanad	xxii Acute Diarrhoeal Disease	12 / 0	07.10.11	Under surveillance	Cases reported from Village/PHC Padinarathra HSC Chalkarakkunnu, Block Kalpetta. District RRT visited the affected area and investigated the outbreak. Stool samples and water samples sent for lab examination; result awaited. Active survey done by health staff/ ASHA workers to find new cases. Water sources chlorinated. Health education given regarding hygiene and sanitation.
3.	Madhya Pradesh	Neemuch	xxiii Malaria	65 / 0	26.10.11	Under control	Cases of fever with chill reported from neighboring villages Koziya, Rooppuraya, Rampuraya, Paricha, Premtura, Bhana, Kannod under Block Jawar. Out of 773 blood slides prepared from fever cases, 56 slides found positive for <i>P. vivax</i> and 9 for <i>P. falciparum</i> . District RRT investigated the outbreak. IEC activities undertaken regarding early treatment of cases and mosquito control measures.
4.	Maharashtra	Ahmednagar	xxiv Chikungunya	219 / 0	02.10.11	Under control	Cases of fever with joint pain reported from Village Tondoli, PHC Pagori Pimalgaon, Block Pathardi. 3 blood samples tested positive for Chikungunya IgM antibodies at NIV Pune. District RRT along with DMO Ahmednagar visited the affected area and investigated the outbreak. Preventive measures undertaken like biological control and fogging.
			xxv Chikungunya	167 / 0	10.10.11	Under control	Cases reported from Village Shinganapur, PHC Sanvastar, Block Kopargaon. District RRT along with DMO Ahmednagar visited the affected area and investigated the outbreak. 3 serum samples tested positive for Chikungunya IgM antibodies at NIV Pune. Preventive measures undertaken like biological control and fogging.
		Beed	xxvi Chikungunya	188 / 0	18.10.11	Under surveillance	Cases of fever with joint pain reported from Beed Taluk [PHC Rajuri, vill. Mureshadpur (6 cases)]; [PHC Limbaganesh: villages Kolharwadi (106 cases), Karzani (40 cases) and Karchundi (17 cases)]; and [PHC Tadsonna, Ambesawali (19 cases)]. 7 serum samples tested positive for Chikungunya IgM antibodies. Increase in breeding sites of Aedes mosquito seen in the affected area. Active survey done to find new fever cases. Health education given regarding personal protection and mosquito control measures.
			xxvii Dengue	19 / 1	13.10.11	Under surveillance	Cases of fever with joint pain and rash reported from Morewadi, (7 cases/1 death) and from Yelda (12 cases) under PHC Bhawthana, Tal.Ambajogai. 4 serum samples tested positive for Dengue IgM antibodies. Increase in breeding sites of Aedes mosquito seen in the affected area. Active survey done to find new fever cases. Health team of PHC Bhawathana deputed to affected village and all fever cases treated. Health education given regarding mosquito control 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
5.	Orissa	Mayurbhanj	xxviii Measles	12 / 0	10.10.11	Under control	Cases with fever and rash reported from Govra village under Rasgobindapur CHC. District RRT visited the affected area and investigated the outbreak. Health team conducted ring immunization surrounding 5 kms radius and administered vitamin A solutions to children aged 9 months to 5 years. IEC activities undertaken regarding isolation and early treatment of cases.
6.	Tamil Nadu	Coimbatore	xxix Acute Diarrhoeal Disease	20 / 0	23.08.11	Under control	Cases of diarrhoea reported from Nursing Student Hostel, Tiruppur Corporation, KVR Nagar Health Post, District Head Quarter Hospital due to consumption of contaminated water. District RRT visited the affected area and investigated the outbreak. 1 rectal swab and 3 water samples collected and sent to Microbiology Lab, CMCH and Chief water analysis Lab, Coimbatore respectively; result awaited. Water tanks were cleaned and chlorination ensured. Active house to house survey conducted to find new cases. All cases treated. ORS packets and chlorine tablets distributed in the locality. Health education given regarding hygiene and sanitation.
			xxx Chikungunya	12 / 0	15.09.11	Under control	Cases of fever reported from Village Marappa Gounden Pudur, Kilavanpudur HSC, Periapodu PHC, Anaimalai Block. Out of 12 blood samples collected and sent to ZET Coimbatore for testing. 10 samples tested positive for Chikungunya. Anti-larval measures and mosquito control measures undertaken. Medical Camp established to treat cases. IEC activities undertaken regarding early treatment of cases and personal protection measures.
7.	West Bengal	Bankura	xxxi Food Poisoning	42 / 0	19.10.11	Under control	Cases with vomiting and pain abdomen reported from Village- Nekrapahari, SC-Simlabandh, GP- Mosiara, Block- Hirbandh due to consumption of stale food (Prasad of Manasa Puja). District RRT visited the area. Food samples collected for lab test; growth of non-faecal coliform, mould and <i>Staphylococcus aureus</i> identified in both food samples. Cases treated with antibiotics and anti-emetics. Health education imparted regarding proper sanitation and hygienic food habits.

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.	Puducherry	Puducherry	Dengue	23 / 1 #	18.10.11	Under Control	23 cases of Dengue serologically confirmed at State Lab, IGGGH, Pondicherry Institute of Medical Sciences, and JIPMER. Outbreak investigated by RRT. Necessary steps taken for regular surveillance and diagnosis of new cases. IEC activities undertaken regarding mosquito control measures.
2.	Madhya Pradesh	Khandwa	Chikungunya	400 / 0 #	28.10.11	Under Control	Cases of fever reported from village Borkheda, CHC Mundi, Block Punasa (150 cases) and village/Block Killod (250 cases). District RRT visited the affected area and investigated the outbreak. Serum samples collected for serology test; result awaited. Active survey done to find new cases. Source reduction measures undertaken in and around the affected village. IEC activities undertaken regarding early treatment of cases and personal protection measures.
3.	Haryana	Faridabad	Dengue	69 / 1 #	10.10.11	Under control	Case reported from Faridabad Urban area (Sectors 46,29,21,15,29,8,); Vill- Navada, Bhatola, Tigaon, Ballahgarh. District RRT visited the area and investigated the outbreak. Out of 194 serum samples tested for Dengue, 67 found positive for IgM Capture ELISA at NCDC, Delhi. Mass fever survey done to find new cases. Fogging operations and source reduction measures undertaken in and around the affected village. Hoardings and handouts bills related to control of vector borne disease distributed. IEC activities undertaken regarding early treatment of cases and personal protection measures.
4.	Maharashtra	Nashik	Chikungunya	15 / 0	31.10.11	Under surveillance	Cases of fever reported from Block Yeola, PHC Patoda, SC Katarni, Village Visapur. District RRT visited the affected area and investigated the outbreak. 24 blood smears collected found negative for malaria. 8 serum samples collected and sent to Dhule Medical College and Civil Lab Nashik; result awaited. House to house survey was done for new fever cases and for <i>Aedes aegypti</i> larvae. Container survey revealed many containers positive for Aedes larvae. Application of Abate and fogging activities undertaken. Use of Guppy fishes in permanent water reservoirs advised. Regular reporting to DSU ensured. IEC activities undertaken regarding personal protection measures.
5.	West Bengal	Howrah	Dengue/ Chikungunya	18 / 0	21.09.11	Under control	Outbreak reported from G.P. Makardah-II, Block Domjur. District RRT visited the affected area and investigated the outbreak. Out of 7 blood samples collected, 3 tested positive for Dengue and 1 for Chikungunya. Anti-larval measures and mosquito control measures undertaken. Medical Camp established to treat cases. IEC activities undertaken regarding early treatment of cases and personal protection measures.

Cumulative figures reported this week.