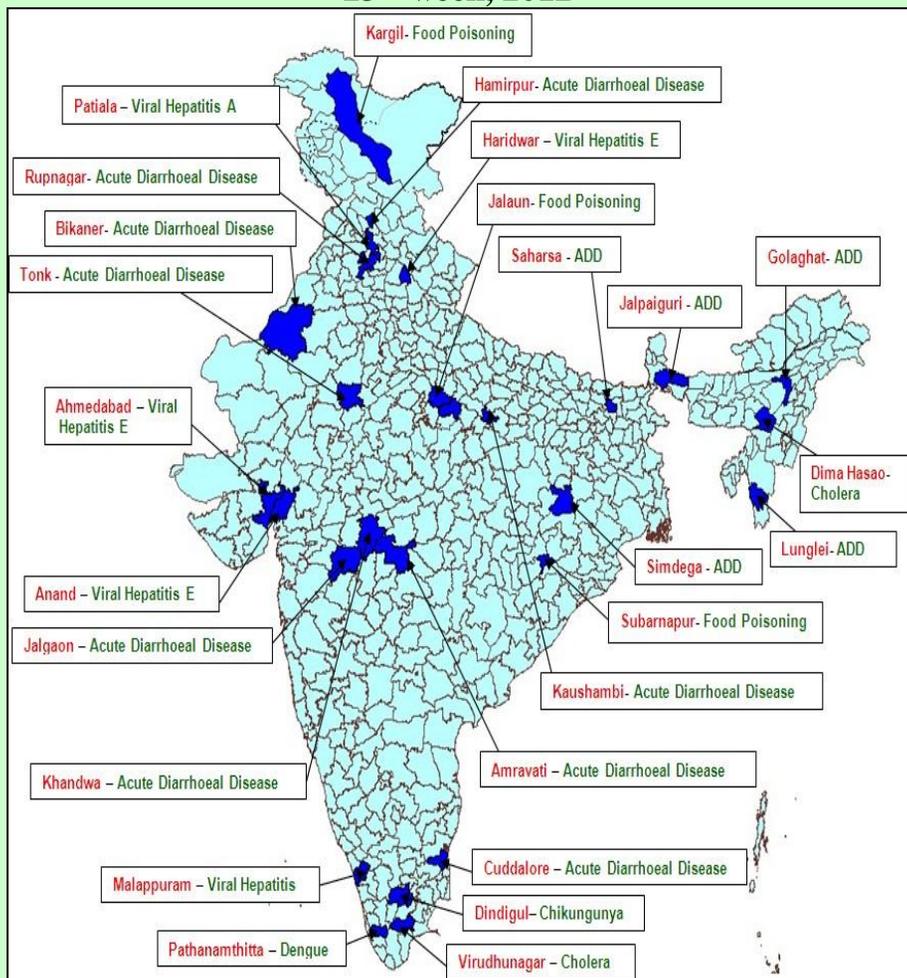


DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

23rd week (4 to 10 June) 2012



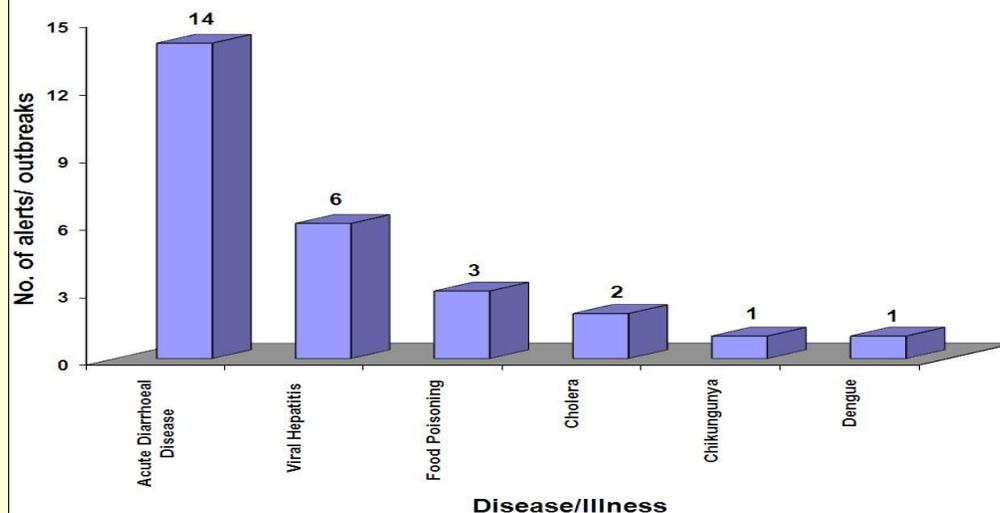
District wise disease alerts/outbreaks reported in the 23rd week, 2012



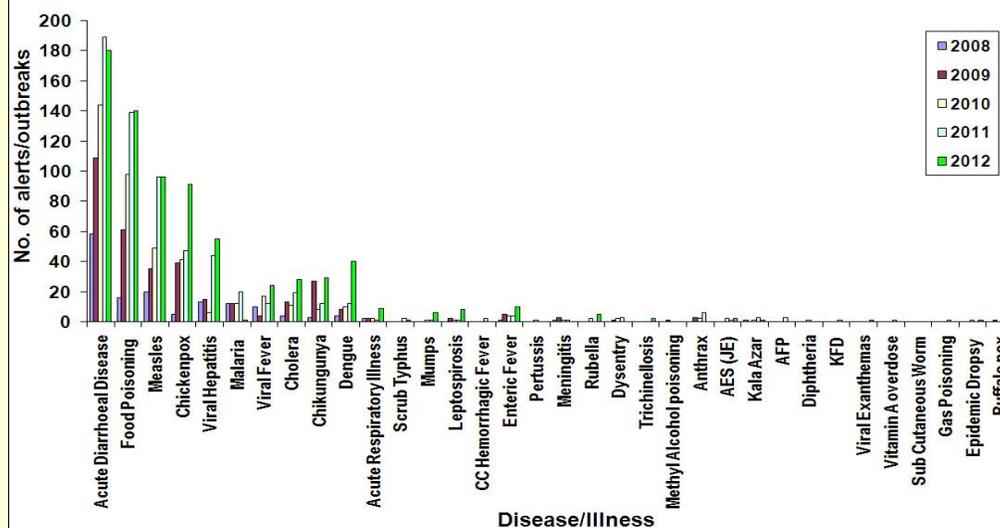
REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	28
No. of States/ UTs submitted "NIL" outbreak report	11

Disease alerts/outbreaks reported during this week (n= 27)



Comparison of cumulative no. of disease alerts/outbreaks reported till the 23rd week of 2008, 2009, 2010, 2011 & 2012



Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
1.	Assam	Dima Hasao	i. Cholera	35	5	05/06/12	10/06/12	Under surveillance	Outbreak reported from Villages Pedik, Daobilidisa, Khepre, Langbrobra, Thonggibra, Diyangbra, Langbrobru and Wajao of Sub-Centre's Pedik, Bankai, Khepre and Wajao under CHC Maibong & BPHC Langting in District Dima Hasao. The villages are in hilly terrain area and bordering the state of Nagaland. People in these villages use untreated stream water which is likely to be contaminated upstream. All age group are equally affected. Medical team deployed from Maibong CHC. Water sample collected and tested by H2S test and MPN test showed fecal contamination. 2 out of 4 stool samples collected and sent to Microbiology Deptt. GMCH tested positive for Cholera. 108 emergency services are engaged for transportation of patients. IEC activities done. Active search is being done by paramedical staff for new cases.
		Golaghat	ii. Acute Diarrhoeal Disease	16	0	31/05/12	07/06/12	Under control	Cases reported from SC Padumoni, BPHC & PHC Charingia, in District Jail, Golahat. Most of the affected patient's were aged between 16 to 50 years. DSO-Golaghat and Epidemiologist visited the district jail campus on 04/06/12. Food material examined by food inspector. 2 stools samples collected and sent to DPL Golaghat tested negative. 2 water samples collected and tested by H2S strip on 04/06/12 were negative. Jail authority advised to provide boiled water to the prisoners. Health education given to all the prisoners in the jail.
2.	Bihar	Saharsa	iii. Acute Diarrhoeal Disease	25	0	08/06/12	09/06/12	Under control	Outbreak reported from Village Bariban, APHC Sahsaul, PHC & Block Sonbarsa, District Saharsa. Block health team investigated the outbreak. All cases treated symptomatically. Control measures taken.
3.	Gujarat	Ahmedabad	iv. Viral Hepatitis E	29	0	31/05/12	03/06/12	Under control	Outbreak reported from Urban health centre Chandlodiya, Rajivnagar, Ward Chandlodiya, urban area, Zone NWZ Municipal Corporation, District Ahmedabad due to consumption of contaminated water. 3 serum samples collected tested positive for Hepatitis E and 8 out of 9 water samples collected & tested in Dudheshwar laboratory were unfit for drinking. Health education given, Chlorine tablet distribution done. Water being tested for residual chlorine.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
		Anand	v. Viral Hepatitis E	15	0	08/06/12	08/06/12	Under control	Cases reported from Village Piploi, Sub-Center Piploi, PHC Bamanva, Block Khambhat, District Anand due to consumption of contaminated water. District RRT investigated the outbreak. 2 serum samples collected & sent to V.S.Hospital. One sample tested positive for Hepatitis E. Active surveillance, IEC & Residual Chlorine Test done. Chlorination done, ORS distributed.
4.	Jharkhand	Simdega	vi. Acute Diarrhoeal Disease	22	3	03/06/12	05/06/12	Under control	Outbreak reported from District Simdega, Block Jaldega, PHC Lamdega, Village Letemda due to consumption of contaminated water. The affected village is situated in a hard to reach area on a hill. Medical team visited the affected village and investigated the outbreak. Treatment of patients done at local health centre. Chlorination of wells done and ORS packets distributed. Health education given.
5.	Jammu & Kashmir	Kargil	vii. Food Poisoning	81	0	01/06/12	07/06/12	Under control	Outbreak reported from Village & SC Lankarshay, CHC & Block Sankoo, District Kargil. District RRT investigated the outbreak. All cases treated at CHC Sankoo. 81 Stool, Blood and Urine samples collected at CHC Sankoo. Result awaited.
6.	Kerala	Pathanamthitta	viii. Dengue	10 (only lab confirmed)	1	06/06/12	06/06/12	Under surveillance	Cases reported from PHC Exzhankulam - 3, Chandanappally -2, Koodal 1, Pallikkal -1, Block Enadimangalam, District Pathanamthitta. District RRT visited the area and investigated outbreak. Fogging & Vector survey by DVC unit. All cases were confirmed using IgM ELISA and Card Test. Mobilization of manpower from other PHC areas done. Awareness activities undertaken. Reporting of any suspected fever cases initiated. Mass source reduction done. IEC undertaken.
7.	Madhya Pradesh	Khandwa	ix. Acute Diarrhoeal Disease	128	0	09/06/12	10/06/12	Under control	Outbreak reported from Village Malgaon, CHC & Block Khalwa, District Khandwa due to consumption of contaminated water from a local well. Block health team investigated the outbreak. All cases treated symptomatically. Chlorination of water sources done. IEC done regarding safe drinking water.
8.	Maharashtra	Amravati	x. Acute Diarrhoeal Disease	26	0	04/06/12	05/06/12	Under control	Outbreak reported from Village Anjangaon Surji, SC, PHC & Block Sategaon, District Amravati due to consumption of contaminated water from pipelines with multiple leakages. District RRT investigated the outbreak. Three water samples tested were found contaminated & two stool samples collected and sent to District Public Health Laboratory tested negative for cholera. House to house survey done for new cases and distribution of chlorine tablets done. Health education on personal & environmental hygiene given and repair of leakages in pipelines going on.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
	Maharashtra	Jalgaon	xi. Acute Diarrhoeal Disease	43	0	06/06/12	08/06/12	Under control	Outbreak reported from Village Mehunbare, Sub-Centre Mehunbare, PHC Dahiwad, Tal. Chalisgaon, Dist. Jalgaon. Clustering of cases in village near Temple & Baudh Wada Area, 4 water samples taken tested unfit for drinking purpose. 2 stool samples sent to Govt Medical College Dhule tested negative for cholera. Camp Setup in RH Mehunbare, treatment of cases, house to house surveillance for treatment & searching cases, house to house chlorination of water done. Gram Sabha advised people to drink chlorinated water and organized meetings in village to create awareness about safe drinking water and personal hygiene.
9.	Mizoram	Lunglei	xii. Acute Diarrhoeal Disease	41	0	04/06/12	04/06/12	Under control	Outbreak reported from Village Lungsen, under Lungsen PHC in District Lunglei. District RRT investigated the outbreak. People use untreated water from ponds and streams in affected areas. Health education and awareness on drinking boiled water given.
10.	Odisha	Subarnapur	xiii. Food Poisoning	33	0	09/06/12	10/06/12	Under control	Outbreak reported from Village Mahulpali, SC Kenjheripali, District Subarnapur due to consumption of contaminated food eaten during the marriage party. Block RRT team immediately responded to the situation. No food sample could be collected. 33 patients treated. Halogen tablets distributed. Meetings held regarding cleanliness and safe drinking water in the affected village. Health education given to all affected household and other community people regarding personal hygiene.
11.	Punjab	Patiala	xiv. Viral Hepatitis - A	40	0	08/06/12	08/06/12	Under control	Cases reported from Village Madanpur, Block Chalheri, District Patiala possibly due to contamination of drinking water. District RRT visited the area and investigated outbreak. Blood, water, and stool samples collected and sent for testing. On serological testing, 4 out of 7 samples tested positive for Hepatitis – A by ELISA. All samples tested negative for Hepatitis – E by ELISA. Medical camp organized and medicines distributed to affected patients. ORS packets distributed. IEC activities done.
		Rupnagar	xv. Acute Diarrhoeal Disease	24	1	09/06/12	10/06/12	Under control	Outbreak reported from Village Rurki, Block Chamkaur, Sahib, District Rupnagar possibly due to contamination of drinking water. District RRT visited the area and investigated outbreak. 21 patients admitted to CHC Chamkaur and 1 patient referred to PGI, Chandigarh. 4 water samples collected and sent for testing. Lab results awaited. House to house surveillance done. Chlorine tablets and ORS packets distributed. Health education given.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
12.	Rajasthan	Tonk	xvi. Acute Diarrhoeal Disease	35	0	06/06/12	07/06/12	Under control	Outbreak reported from Village Kasir, PHC Rajmahal, Block Deoli, District Tonk due to consumption of contaminated water. District RRT investigated the outbreak. All patients treated at PHC Rajmahal. 5 stool samples collected and sent to JLN Medical College, Ajmer out of which 2 samples tested positive for E.coli. by culture. People advised to drink boiled water.
13.	Tamil Nadu	Virudhunager	xvii. Cholera	13	1	09/06/12	10/06/12	Under control	Cases reported from Village Thiruvirunthalpuram, HSC Amanakkunatham, PHC Malaipatti, Block Aruppukottai, District Virudhunager possibly due to consumption of contaminated water. District RRT visited the area and investigated outbreak. One patient had reportedly become critical and lost consciousness. The patient expired as she was being shifted to a Private Hospital in Aruppukottai. House to house surveillance conducted along with distribution of ORS packets. 1 stool sample collected and sent to Microbiology Department, Madurai Medical College. The same tested positive for <i>V.cholerae</i> by culture. 4 water samples collected and sent to Chief Water Analyst, King Institute, Guindy. Results awaited. Chlorination of drinking water being done. Pipelines repaired. Health Education given to the community regarding drinking of boiled and chlorinated water.
		Cuddalore	xviii. Acute Diarrhoeal Disease	31	0	04/06/12	10/06/12	Under control	Cases reported from Village Echampoodi, HSC Ayyangudi, PHC Ayyangudi, Block Kattumannar koil, District Cuddalore possibly due to consumption of contaminated water. District RRT team investigated the outbreak. No samples could be collected. Health education and IEC done.
		Dindigul	xix. Chikungunya	20	0	30/05/12	10/06/12	Under control	Cases reported from Village Avilipatti, HSC Avilipatti, PHC Kosavapatti, District Dindugal. District RRT visited the area and investigated outbreak. It was found that regular cleaning of Over-head Tanks was not being done, and that water sources were not chlorinated. The Containers Index was 23.4; Breteau Index 24.8; and the House Index 22.0. Seven Blood serum samples collected and sent to Madurai Medical College for serological investigation. 6 cases found positive for Chikungunya by IgM ELISA. Source reduction through Abate application carried out in the village. OHT tanks cleaned. Medical team arranged for treatment. Health education given.

Sl. No.	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Date of reporting	Current Status	Comments/ Action taken
14.	Uttar Pradesh	Kaushambi	xx. Acute Diarrhoeal Disease	23	0	05/06/12	08/06/12	Under control	Outbreak reported from District Kaushambi, Block & CHC Sirathu, Village Sujatpur due to consumption of contaminated water. Block health team investigated the outbreak. Treatment given to all patients. Anti diarrhoeal medicine and ORS packets distributed. Chlorination of water sources done. People advised to use boiled drinking water.
15.	Uttarakhand	Haridwar	xxi. Viral Hepatitis E	30	0	01/06/12	03/06/12	Under control	Outbreak reported from Village Jamalpur Kalan, Block Jwalapur District Haridwar. District RRT investigated the outbreak. House to house search for cases done. Treatment of cases done. 6 serum samples collected and sent to HIHT Dehradun, out of which 3 samples tested positive for Hepatitis E by IgM ELISA. Chlorination of water sources done.

DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE								
Sl. No	Name of State/UT	Name of District	Disease/ Illness	Cases	Deaths	Date of start of outbreak	Current Status	Comments/ Action taken
1.	Himachal Pradesh	Hamirpur	xxii. Acute Diarrhoeal Disease	20	0	26/05/12	Under control	Outbreak reported from Village Patnaud, CHC & Block Taudi Devi, District Hamirpur due to consumption of contaminated water. Medical team investigated the outbreak. All cases treated locally. ORS packets and chlorine tablets distributed in the locality. IEC activities done regarding safe drinking water.
2.	Rajasthan	Bikaner	xxiii. Acute Diarrhoeal Disease	14	1	19/05/12	Under control	Cases reported from District Bikaner, Block Lunkarnsar, PHC Raner Damoli, SC Ramnagar due to consumption of contaminated water. District RRT investigated the outbreak. One stool sample collected and sent to SPMC Bikaner which tested positive for E.Coli. Door to door surveillance for cases done, treatment given and ORS packets distributed. Coordination with PHED department for proper water chlorination done. Health education given to the public about safe drinking water and hygiene maintenance.
3.	Kerala	Malappuram	xxiv. Viral Hepatitis	6	0	21/05/12	Under surveillance	Cases reported from Village Pandikkad, PHC Pandikkad, Block Wandoor, District Malappuram possibly due to consumption of contaminated water. Health inspector and JHI visited the area and investigated the outbreak. It was found that all the affected participated in a wedding reception at Vilangampoyil Madarasa about one and half month ago. 13 wells in the locality chlorinated. Awareness drive conducted in the madarsa and surrounding localities. 6 serum samples taken and sent to PKM Hospital, Pandikkad and to Neo Hospital, Pandikkad. Results showed high bilirubin in all samples. IEC activities done.
			xxv. ? Viral Hepatitis	74(cases upto 20/06/12)	0	28/05/12	Under surveillance	Cases reported from village Vazhayoor, PHC Vazhayoor, Block Omanoor, Ward (Geographical Area) Ellathupuraye. District & Block medical teams visited the area and investigated the outbreak. 4 Serum samples taken for determination of bilirubin levels. All 4 samples were found to have high levels of bilirubin (5.1, 6.2, 8.1, and 8.2). Viral serology could not be done due to lack of adequate testing facilities in the area. A clinical diagnosis of viral hepatitis was made by physicians of the medical teams. Health education and IEC activities done.

DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE								
Sl. No	Name of State/UT	Name of District	Disease/ Illness	Cases	Deaths	Date of start of outbreak	Current Status	Comments/ Action taken
4.	Uttar Pradesh	Jalaun	xxvi. Food Poisoning	26	0	29/05/12	Under control	Outbreak reported from Town Area Pindari, PHC & Block Pindari, District Jalaun due to consumption of contaminated food. Block health team investigated the outbreak. Treatment of patients done on house to house visit. IEC activities done.
5.	West Bengal	Jalpaiguri	xxvii. Acute Diarrhoeal Disease	41	0	29/05/12	Under control	Outbreak reported from District Jalpaiguri, Block Metali, GP Batabari-I, SC Kilkot TG due to consumption of contaminated water. District RRT investigated the outbreak. Active search for cases done. Well is the main source of drinking water in the affected area. 3 stool samples collected and sent to North Bengal Medical College, Darjeeling out of which 1 sample tested positive for E.coli by culture. ORS packets distributed in the locality. Disinfection of drinking water sources done. IEC done.

FOLLOW UP OF DISEASE OUTBREAKS OF PREVIOUS WEEKS								
Sl. No	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Current Status	Comments/ Action taken
1.	Bihar	Gaya	Acute Encephalitis Syndrome (?JE)	20 (cases upto 10/06/12)	10 (deaths upto 10/06/12)	28/05/12	Under surveillance	It was mentioned in the previous week (week ending 3 rd June, 2012) that 12 cases and 7 deaths were reported from Gaya and adjoining districts. From 4 th to 10 th June, 2012 further 8 cases and 3 deaths have been reported. These new cases and deaths were reported from Aurangabad, Gaya and Nawada districts. 4 CSF and 1 serum samples tested at ANMCH, Gaya. 2 CSF and 1 serum sample tested positive for Japanese Encephalitis by IgM ELISA out of which 1 CSF and serum sample was of a single patient. Control measures being undertaken.
		Muzaffarpur	Acute Encephalitis Syndrome	121 (cases upto 10/06/12)	58 (deaths upto 10/06/12)	27/05/12	Under surveillance	It was mentioned in the previous week (week ending 3 rd June, 2012) that 32 cases and 8 deaths were reported from Muzaffarpur and adjoining districts. From 4 th to 10 th June, 2012 further 89 cases and 50 deaths have been reported. These new cases and deaths were reported from East Champaran, Motihari, Muzaffarpur, Sheohar, Sitamarhi, Vaishali and West Champaran districts. Outbreak is being investigated.
2.	Karnataka	Bengaluru	Influenza A H1N1	6#	3#	26/03/12	Under Surveillance	A total of 273 cases and 16 deaths have been reported from Karnataka (upto 3 rd June, 2012) due to Influenza A H1N1. From 4 th to 10 th June, 2012 further 6 cases and 3 deaths occurred in the state. These new cases and deaths were reported from Bengaluru, Chitradurga, Gadag, Haveri and Mandya districts.

FOLLOW UP OF DISEASE OUTBREAKS OF PREVIOUS WEEKS

Sl. No	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of start of outbreak	Current Status	Comments/ Action taken
3.	Maharashtra	Kolhapur	Hepatitis - E	3018 (cumulative cases till 09/06/12)	4 (cumulative deaths till 09/06/12)	14/05/12	Under surveillance	Cases reported from City Ichalkaranji, Nagar Parishad, District Kolhapur possibly due to contaminated water. District and Block RRT visited the area and investigated outbreak. Daily house to house surveillance done by health workers. Health education given regarding drinking of boiled water, and proper water purification. Chlorine tablets distributed. Pipe leakages corrected. Private practitioners in the area briefed regarding sample collection and proper treatment of patients. IEC activities along with close monitoring are ongoing by health teams.
4.	Tamil Nadu	Tirunelveli	Dengue	326 (cases from 4 th to 10 th June 2012)	0	18/04/12	Under surveillance	Outbreak reported from all blocks of District Tirunelveli. State RRT investigated the outbreak. House to house fever survey done. A team from VCRC (Vector Control Research Center), Puducherry visited the affected areas to study the serotypes of Dengue virus causing this outbreak. During the week, 701 samples collected, out of which 326 tested positive. Surveillance activity strengthened for reporting of cases from Government and private hospitals. Coordination meetings done with adjoining districts. Anti-larval activities conducted by applying temephos. Anti-adult activities done through indoor and outdoor fogging. Awareness regarding management of Dengue cases imparted to government and private medical doctors. IEC and health education given to general public.

#Cases & deaths reported from 04/06/12 to 10/06/12.