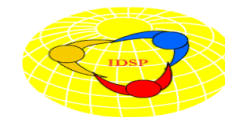


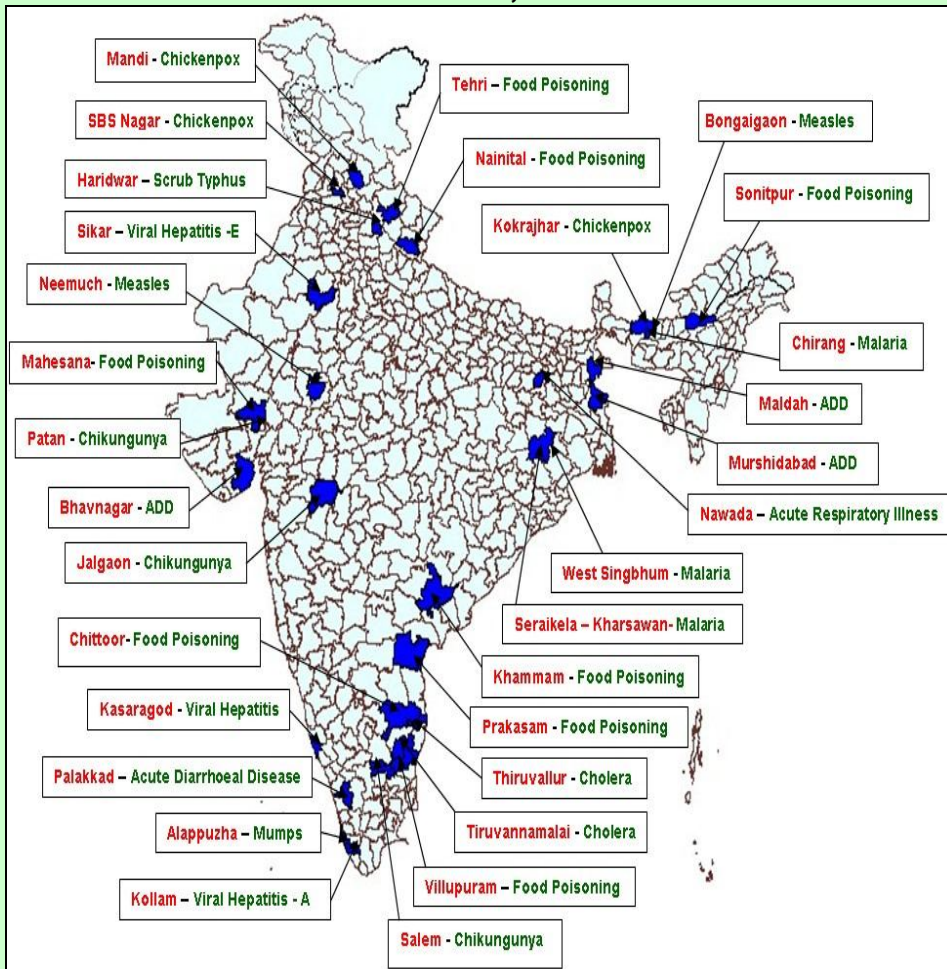


# DISEASE ALERTS/OUTBREAKS REPORTED AND RESPONDED TO BY STATES/UTs THROUGH INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

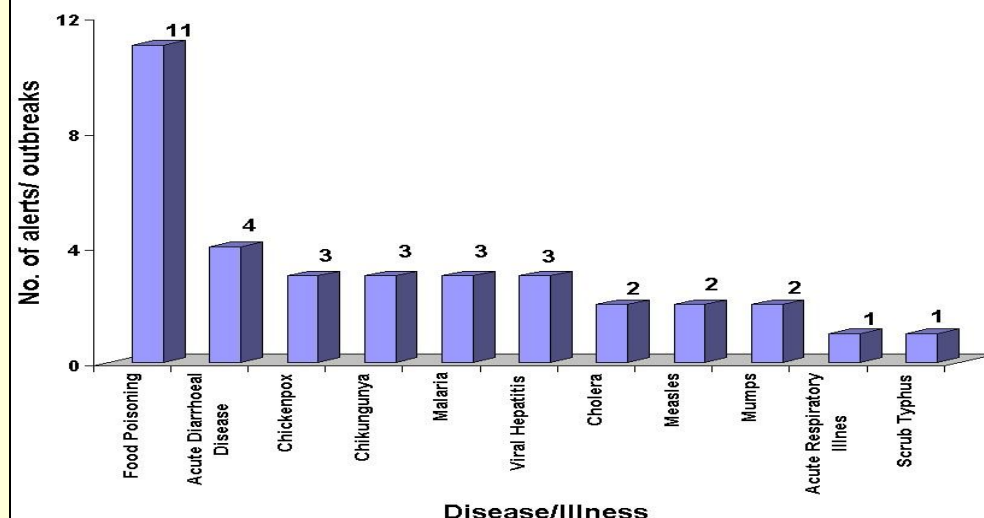
## 49<sup>th</sup> week (ending 11<sup>th</sup> December) 2011



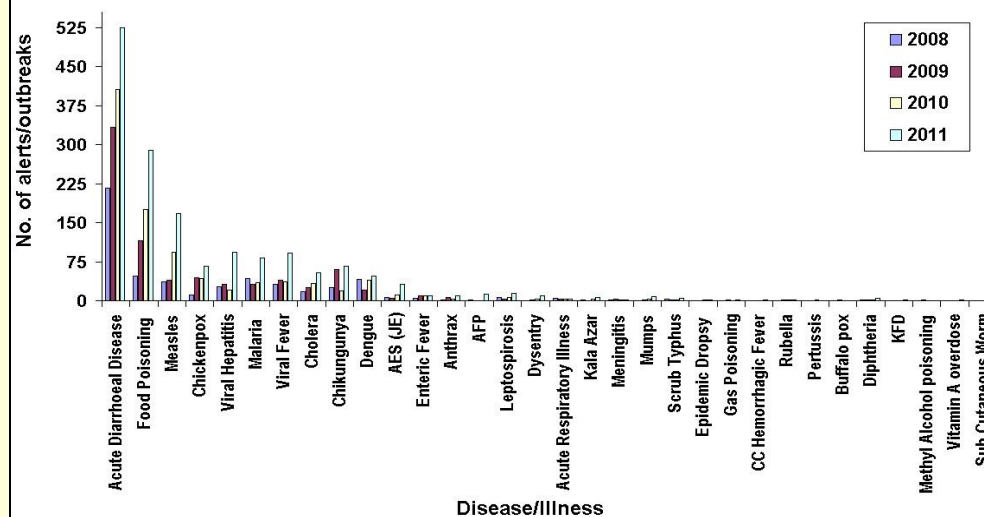
### District wise disease alerts/outbreaks reported in the 49<sup>th</sup> week, 2011



### Disease alerts/outbreaks reported during this week (n= 35)



### Comparison of cumulative no. of disease alerts/outbreaks reported till the 49th week of 2008, 2009, 2010 & 2011



#### REPORTING STATUS OF STATES/UTs

No. of States /UTs submitted outbreak report (including NIL report)	27
No. of States/ UTs submitted "NIL" outbreak report	13

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.	Andhra Pradesh	Chittoor	i Food Poisoning	14 / 0	03.12.11	05.12.11	Under control	Cases reported from Nunevadlapalli Village, Regallu SC, Regallu PHC, Piler Block, due to consumption of contaminated food (Prasadam). Medical Officer and team undertook food safety measures. Health education given regarding food sanitation.
			ii Food Poisoning	14 / 0	03.12.11	05.12.11	Under control	Cases reported from Munireddygaripalli Village, RKVB Puram SC, Karvetinagar PHC, due to consumption of contaminated food (Prasadam). Paramedical staff visited and stationed in the village to monitor the situation. ORS packets distributed. House to house survey conducted in the village. Health education given regarding food sanitation.
		Khammam	iii Food Poisoning	10 / 0	09.12.11	09.12.11	Under Control	Outbreak reported from Sairampuram Primary School, Mulkalapalli, Mangapeta PHC due to consumption of contaminated food. Medical camp was conducted and cases treated. Chlorination of water sources done. Food samples not available for lab analysis. IEC activities undertaken regarding hygienic practices and sanitation measures.
		Prakasam	iv Food Poisoning	31 / 0	11.12.11	11.12.11	Under surveillance	Outbreak reported from Sri Chaitanya Junior College, Pernamitta Village due to consumption of contaminated food in Hostel. 13 students were referred for treatment to a Private Hospital at Ongole. District RRT visited the affected area and investigated the outbreak. Medical camp done and cases treated with ORS and IV fluids. Health education given regarding food sanitation.
			v Food Poisoning	29 / 0	10.12.11	10.12.11	Under Control	Outbreak reported from Marrisudi PHC Kakarla, Tangella village due to consumption of contaminated food. District RRT visited the affected area and investigated the outbreak. Medical camp conducted to treat cases. House to house surveillance done. Health education given regarding hygiene and sanitation.
			vi Food Poisoning	86 / 0	07.12.11	08.12.11	Under control	Outbreak reported from Apswar Girls School, PHC/CHC Kondepi, due to consumption of contaminated food by the students. District Epidemiologist with medical team visited and investigated the outbreak. Water samples sent to water analysis lab, Ongole; results awaited. Medical camp conducted round the clock. Chlorination of drinking water sources done. Health education given regarding sanitation and hygiene.

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
2.	Assam	Bongaigaon	vii Measles	19 / 0	05.12.11	07.12.11	Under control	Clustering of cases clinically diagnosed as Measles reported from Village Chalakura, SC Kokila Bazaar, BPHC Srijangram. Most of the cases are in the age group of 6-15 yrs. Health education given regarding mode of transmission, complications and importance of isolation and maintenance of hygiene. Vitamin A supplementation given.
		Chirang	viii Malaria	76 / 1	28.11.11	9.12.11	Under surveillance	Cases reported from Villages Khayarbari, Satyapur, Sobhapur, Malivitabazar, MPHC Amtaka, BPHC Ballamguri. District RRT visited the affected area and symptomatic treatment of patients done. Out of 76 blood samples tested by RDT kits, 9 are positive for malaria. IEC activities done regarding mosquito control and personal protection measures.
		Kokrajhar	ix Chickenpox	06 / 0	07.12.11	08.12.11	Under surveillance	Cases reported from CIT Boys Hostel, PHC Balajan. Cases are in age group of 6-25 years and all are unimmunised. District RRT visited the affected area. Treatment of cases done symptomatically. District RRT visited the affected area and investigated the outbreak. Health education given to hostel boarders regarding isolation and early treatment of cases.
		Sonitpur	x Food Poisoning	49 / 0	09.12.11	11.12.11	Under surveillance	Cases of loose motion and vomiting reported from Village Harigoan, SC Poruwa, BPHC Balipara due to consumption of contaminated food. District RRT visited the affected area and investigated the outbreak. Treatment of patients done at Kanaklata Civil Hospital and Skylark Hospital, Tezpur. 2 stool samples tested negative for Cholera culture. Fecal contamination found in the water samples tested by H <sub>2</sub> S strip test. Food samples not available for lab analysis. IEC activities undertaken regarding safe food habits.
3.	Bihar	Nawada	xi Acute Respiratory Illness	533 / 0	30.11.11	07.12.11	Under surveillance	Cases of sudden onset of fever, cough and cold diagnosed as acute respiratory illness reported from PHC Rajauli. Block Medical team visited the affected area and investigated the outbreak. No sample collected for laboratory investigation. House to house visit done by the paramedical team to find new cases. All cases treated symptomatically. IEC activities undertaken.

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
4.	Gujarat	Bhavnagar	xii Acute Diarrhoeal Disease	17 / 0	06.12.11	07.12.11	Under surveillance	Cases reported from Village Reva, Subcenter Dharuka, PHC Ranghola, Block Vallbhipur. Water samples collected for lab test; result awaited. Super-chlorination of water sources done. Active survey done to find new cases by paramedical staff. Leakages found in the water pipeline repaired. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Patan	xiii Chikungunya?	13 / 0	07.12.11	07.12.11	Under surveillance	Cases with fever and joint pain reported from Siddhpur, Samoda, Nagvasana. District RRT visited the affected area and investigated the outbreak. 2 serum samples sent for lab analysis; result awaited. Anti larval measures like Abate application and anti adult measures like fogging activities undertaken regarding personal protection measures.
		Mahesana	xiv Food Poisoning	73 / 0	01.12.11	02.12.11	Under surveillance	Cases reported from Visnagar City, Jivaraj Nagar, Fateh Darvaja, Block Visnagar due to consumption of contaminated food. District RRT visited the affected area and investigated the outbreak. Treatment of patients done symptomatically. IEC activities undertaken regarding safe food habits.
5.	Jharkhand	Seraikela-Kharsawan (West Singhbhum)	xv Malaria	38 / 0	05.12.11	09.12.11	Under control	Outbreak reported from Kharsawan Block/CHC. Out of 79 blood samples collected and tested, 38 found positive for <i>P. falciparum</i> . Control measures undertaken. Health Workers visited the affected area, collected blood samples and distributed anti-malaria drugs. IEC activities undertaken regarding mosquito control and personal protection measures.
		West Singhbhum	xvi Malaria	24 / 0	04.12.11	06.12.11	Under surveillance	Outbreak reported from Village Singhabeda, HSC Toranghatu, PHC Jagnathpur. All cases had history of fever with headache, chills, rigors and loose motion. Block Team visited affected locality and investigated the outbreak. Out of 24 blood samples collected, 7 tested positive for <i>P. falciparum</i> . House to house survey done for new fever cases. Spraying operation and mass fever survey undertaken. IEC activities undertaken and health education given regarding breeding of mosquitoes, mode of transmission and personal protection 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
6.	Kerala	Alappuzha	xvii Mumps	37 / 0	30.11.11	11.12.11	Under Control	Cases with fever and swelling in upper neck, clinically diagnosed as mumps reported from St. Michelae High School, PHC Vayalar, Block Pattanakad. Active surveillance done by district RRT to find new cases. All cases are children below 12 years of age. Cases treated symptomatically. IEC activities undertaken.
		Kasargod	xviii Viral Hepatitis	9 / 0	30.11.11	06.12.11	Under Control	Cases in the age-group of 5-14 years with symptoms of fever, vomiting and dark urine reported from a local School in Povval Village under CHC Muliya, Block Muliya. District RRT visited the affected area. Super chlorination of water sources done. Daily active surveillance done to find new cases. All cases treated. IEC activities undertaken regarding safe drinking water, safe food, hygienic practices and sanitation measures.
		Palakkad	xix Acute Diarrhoeal Disease	10 / 0	30.11.11	03.12.11	Under Surveillance	Cases reported from Income Tax Staff Headquarters in an urban area of Palakkad Municipality, Block Palakkad. District RRT investigated the outbreak. House to house survey done for finding new cases. Water sources chlorinated. ORS packets and halogen tablets distributed. Health education given regarding hygiene and sanitation.
7.	Maharashtra	Jalgaon	xx Chikungunya	24 / 0	28.11.11	09.12.11	Under surveillance	Clustering of fever cases reported from Village/SC/PHC Tamaswadi, Taluka Parola. District RRT visited the affected area and investigated the outbreak. House to house survey done for new cases and container survey done for breeding sites of mosquito larvae. High density of <i>Aedes</i> mosquito larvae found in containers of 34 houses. 128 blood smears of fever cases tested negative for Malarial parasite. Out of 9 serum samples sent for serological tests, 4 found positive for Chikungunya at GMC, Dhule. Fogging activities done. Health education given regarding personal protection measures.
8.	Madhya Pradesh	Neemuch	xxi Measles	10 / 0	28.11.11	05.12.11	Under surveillance	Epidemiological linked cases of fever with typical maculopapular rash, cough, cold and conjunctivitis reported from Village Arniya Mangir under Block Palsoda. Block Health Team visited the affected area. House to house survey done for new cases. Supplementary Vitamin A solution administered.
9.	Punjab	SBS Nagar	xxii Chicken pox	11 / 0	08.12.11	09.12.11	Under Control	Cases with vesicular rash along with fever, malaise and sore throat reported from village Khatkar Khurd, Block Sujjon. Active survey done to find new cases. Isolation of cases advised. Symptomatic treatment provided to all affected patients.

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	Sikar	xxiii Viral Hepatitis E	121 / 0	03.12.11	08.12.11	Under surveillance	Cases of fever, jaundice, vomiting and abdominal pain reported from Urban ward no. 23, 24 and 31 of Quresian Mohalla, Sikar city. District RRT investigated the outbreak. Out of 66 serum samples tested, 22 were positive for Hepatitis E (Anti HEV Ig M ELISA). Health teams surveyed the area to find new jaundice cases. All cases treated symptomatically. Health education given regarding hygiene and sanitation. Chlorine tablets and ORS packet distributed among the affected people. IEC activities done for safe drinking water.
11.	Tamil Nadu	Salem	xxiv Chikungunya	15 / 0	08.12.11	11.12.11	Under surveillance	Cases reported from village Ellakaradu, HSC Dasanaickenpatti, PHC Panamarathupatti, Block Panamarathupatti. 15 blood smears examined were found negative for Malaria. Out of 6 serum samples tested by Zonal Entomological Team (ZET), Salem, 3 found positive for Chikungunya IgM antibodies. District RRT investigated the outbreak and conducted house-to-house survey. Anti-larval activities undertaken and health education given. Weekly anti-larval activities and regular fever surveillance planned.
		Thiruvallur	xxv Cholera	31 / 2	08.12.11	10.12.11	Under surveillance	Cases reported from village Poonamallee (Wards 16 to 18), PHC Poonamallee. 2 stool samples collected and sent to Kings Institute, Guindy found positive for cholera culture. District RRT investigated the outbreak and arranged for safe potable drinking water along with chlorination of water sources. Daily surveillance undertaken to find new cases. IEC activities undertaken regarding safe drinking water, hygienic practices and sanitation measures.
		Tiruvannamalai	xxvi Cholera	10 / 0	11.12.11	11.12.11	Under surveillance	Cases reported from village Sorakulathur Harijan Colony, PHC Northamboondi, Block Thuringapuram. Out of 3 stool samples sent to King's Institute, Guindy for analysis, 1 tested positive for Cholera culture. District RRT investigated the outbreak. Chlorination of overhead tank (OHT) and other water sources carried out. Public advised to boil drinking water before consumption. Medical team deployed in the area. Periodic chlorination of OHT tank planned.
		Villupuram	xxvii Food Poisoning	32 / 0	03.12.11	03.12.11	Under surveillance	Cases of diarrhoea reported from Village/PHC Radhapuram, Block Vikkiravandi due to consumption of contaminated food. Food samples not available for lab analysis. Patients referred to Government Medical College, Villupuram. IEC given to children and general population. IEC activities undertaken regarding safe food 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
12.	Uttarakhand	Nainital	xxviii Food Poisoning	10 / 0	07.12.11	08.12.11	Under Control	Cases of loose motion and vomiting reported from Kotabagh, Nainital due to consumption of contaminated food. District RRT visited the affected area and investigated the outbreak. Treatment of patients done at ST Medical College, Haldwani. IEC activities undertaken regarding safe food habits.
13.	West Bengal	Murshidabad	xxix Acute Diarrhoeal Disease	29 / 0	29.11.11	01.12.11	Under Surveillance	Cases of loose stools and vomiting reported from Village Majhpara, GP Bhapta-2, Block Beldanga-1. Block health team investigated the outbreak. Active house-to-house survey conducted. 2 stool samples collected and sent to DPH lab for investigation; result awaited. Disinfection of water samples and distribution of halogen tablets done. Medical camp organized. Active surveillance done and prompt reporting of new cases ensured.
		Malda	xxx Acute Diarrhoeal Disease	40 / 2	06.12.11	09.12.11	Under Observation	Cases of loose stools and vomiting reported from villages Ghosh Para and Mandal Para, GP Chak Satna, Block Sultan Nagar, Harischandapur-II. Block health team investigated the outbreak and found water sources to be contaminated. 3 stool samples collected and sent for investigation to STM, Kolkata found negative for Cholera. 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.	Himachal Pradesh	Mandi	xxxix Chicken pox	19 / 0	14.11.11	Under control	Children in age-group of 10-13 years presented with fever and vesicular rash from village/PHC Gokhara, Block Kotli. Presumptive diagnosis made on the basis of clinical examination. No lab tests done. Isolation of cases along with symptomatic treatment given. IEC activities undertaken regarding isolation of cases.
2.	Kerala	Alappuzha	xxxix Mumps	12 / 0	01.11.11	Under surveillance	Cases with fever and swelling in upper neck, clinically diagnosed as mumps reported from Govt lower Primary School, Village/PHC Thuravoor Manakodam. Cases were children in the age-group of 6-10 years. District RRT visited the affected area and investigated the outbreak. Complete isolation and rest for three weeks was advised to all cases. Active survey done to find new cases. The affected area is under close surveillance by local field officers and by District Surveillance Team, Alappuzha. Cases treated symptomatically. IEC activities undertaken regarding isolation and early treatment of cases.
		Kollam	xxxix Viral Hepatitis A	34 / 0	10.11.11	Under surveillance	Cases reported from Village Kallunathukkal, PHC Paripally Velinalloore, Chenkoor. District RRT visited the affected area and investigated the outbreak. Serum bilirubin of the cases was raised above normal. Out of 6 serum samples sent for lab investigation at a Private Hospital, Payyakod, Oyur, 2 confirmed positive for Anti-HAV IgM (ELISA). Well water chlorinated. Medical camp conducted to treat cases. Active survey done to find new cases. Health education given regarding hygiene and sanitation.
3.	Uttarakhand	Haridwar	xxxix Scrub Typhus	06 / 0	18.11.11	Under Surveillance	Cases reported from Niranjana Akhara Mayapur, Chamria Laldhang, Shekhupur Kankhal, Haridwar. District RRT visited the affected area. Out of 6 serum samples tested, 2 found positive for <i>Orientia tsutsugamushi</i> (IgM antibodies) for Scrub typhus at NCDC, Delhi. IEC activities undertaken regarding personal protection measures.
		Tehri	xxxix Food Poisoning	47 / 0	21.11.11	Under Control	Cases of diarrhoea and vomiting with mild fever reported from Village Budakedar, Block Bhilangana due to consumption of contaminated food (meat). District RRT visited the affected area and investigated the outbreak. Treatment of patients done at CHC Beleshwar and APHC Budakedar. IEC activities undertaken regarding safe food habits.



**FOLLOW-UP OUTBREAKS OF PREVIOUS WEEKS**

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.	Karnataka	Bellary	Measles	20 / 0	12.09.11	Under Surveillance	Cases with fever and rash reported from Village Korlagundi, PHC Korlagundi, Block Bellary. District RRT visited the affected area with medical team. All cases treated symptomatically. Out of 5 samples sent to NIV, Bangalore, 1 was positive for Measles (Ig M ELISA). Vitamin-A supplementation given to all children in the affected village. IEC activities undertaken regarding providing proper nutrition and early treatment of cases.
		Tumkur	Acute Diarrhoeal Disease	337 / 0	28.11.11	Under Surveillance	Cases of diarrhoea reported from Siddgangamatta Hostel of an urban area in Tumkur Block due to consumption of contaminated water. District RRT with Block medical team visited the affected area and investigated the outbreak. Out of 10 stool samples collected, 1 was positive for Cholera culture. All cases treated. Water sources in the village chlorinated with bleaching powder. ORS packets and halogen tablets distributed by Health staff to every household in the village. Health education given regarding hygiene and sanitation.