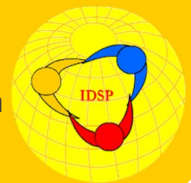


# WEEKLY OUTBREAK REPORT

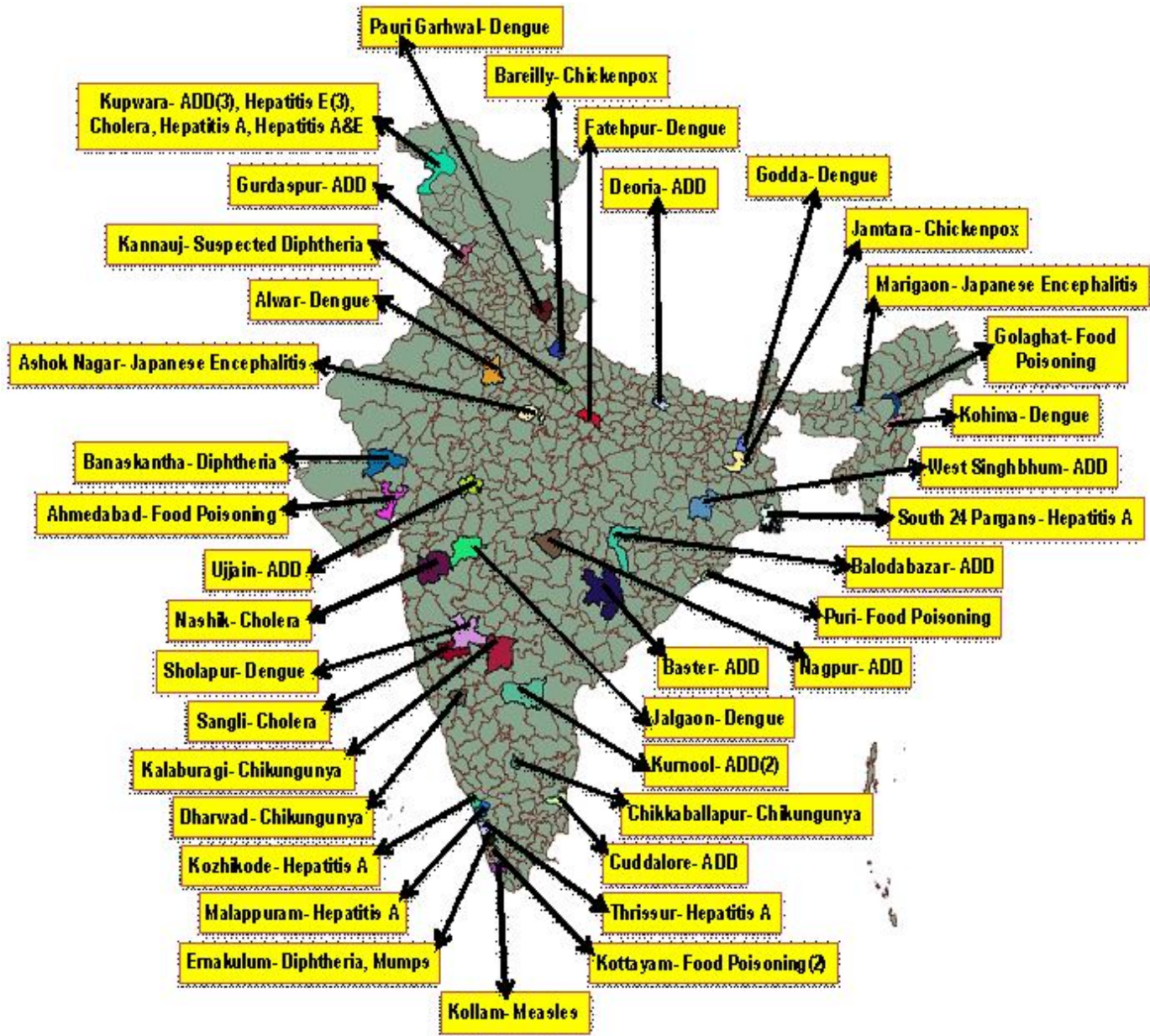
Disease Alerts/Outbreaks reported and responded to by States/UTs through Integrated Disease Surveillance Program (IDSP)

(21<sup>st</sup> October to 27<sup>th</sup> October 2019)



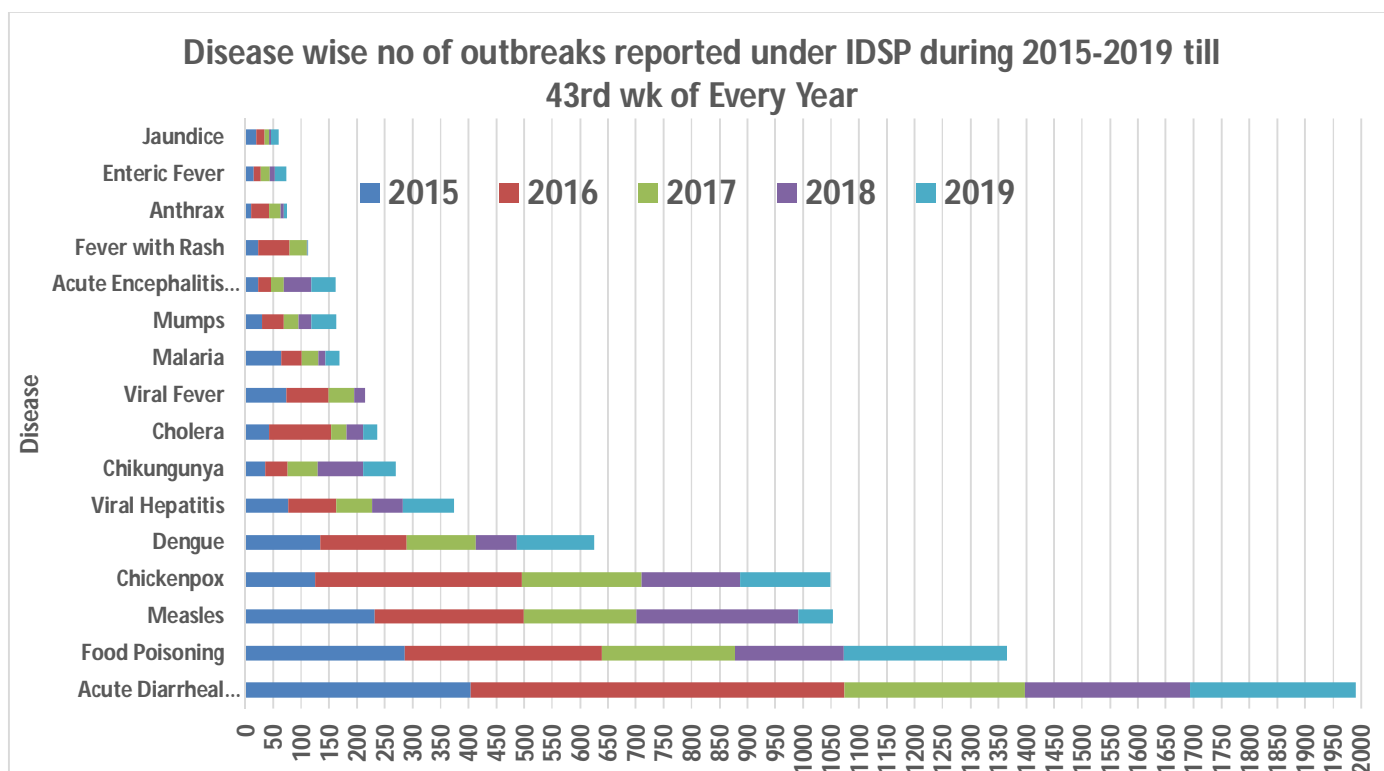
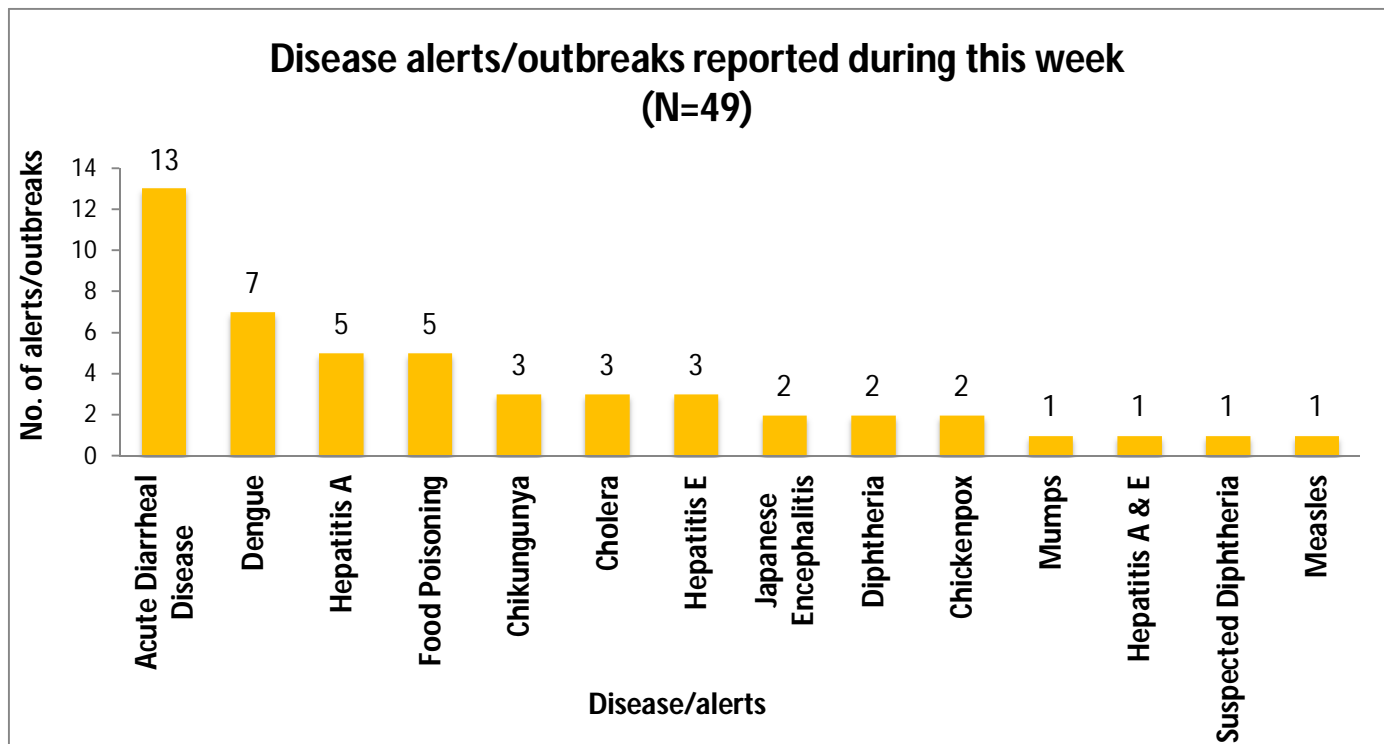
District wise disease alerts/outbreaks reported in the 43<sup>rd</sup> week 2019

43<sup>rd</sup> Week Map



## Reporting Status of States/UT's

No. of States/UT's Submitted outbreak report ( including NIL report)	31
No. of States/UT's Submitted 'NIL' outbreak report	10



Unique ID.	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
AP/KUR/2019/43/1383	Andhra Pradesh	Kurnool	Acute Diarrheal Disease	26	00	30-09-19	30-09-19	Under Control	Cases reported from urban area of Polakal, Ward 5 <sup>th</sup> , 6 <sup>th</sup> , 7 <sup>th</sup> , 8 <sup>th</sup> . District RRT investigated the outbreak. House to house survey done. 02 water samples collected and tested at Kurnool Regional lab; 01 sample was non-potable. All cases were treated symptomatically. Chlorination of drinking water done. Chlorine tablets distributed in the affected area. Health education given on personal hygiene and sanitation.
CT/BBR/2019/43/1384	Chhattisgarh	Balodabazar	Acute Diarrheal Disease	19	02	20-10-19	22-10-19	Under Control	Cases reported from Village Amlidih, PHC Barpali, Block Kasdol. District RRT investigated the outbreak. House to house survey done. Cases presented with vomiting and loose stools. The deceased were 85y/F and 90y/M. Water sample collected and tested at PHE. All cases were treated symptomatically. Health education given.
GJ/AHM/2019/43/1385	Gujarat	Ahmedabad	Food Poisoning	11	00	21-10-19	22-10-19	Under Control	Cases reported from Anganwadi-1 Modasar, PHC Modasar, Block Sanand. District RRT investigated the outbreak. Active case search done. Cases consumed food and presented with symptoms of loose stools and vomiting 04 stool samples collected and tested at Sola Micro Lab Ahmedabad; 03 reported as negative for cholera culture. Water sample reported as potable. All cases were treated symptomatically. Water chlorination done. Health education given on food safety, hand washing and sanitation.

GJ/BNS/2019/43/1386	Gujarat	Banaskantha	Diphtheria	47	08	22-10-9	22-10-19	Under Surveillance	<p>Cases of fever with throat pain reported from 7 talukas of Banaskantha. State &amp; District RRT investigated the outbreak. House to House survey done. A total of 47 cases were reported from the following Talukas; Dhanera (29 cases), Deesa (8 cases), Palanpur (4 cases), Amirgadh (2 cases), Tharad (2 cases), Bhabhar (1case), Lakhani (1 case). A total of 24 cases were admitted since 16<sup>th</sup> September 2019. Age wise distribution of cases and deaths</p> <table border="1" data-bbox="1528 477 2016 699"> <thead> <tr> <th>Age group</th> <th>Cases</th> <th>Deaths</th> </tr> </thead> <tbody> <tr> <td>0-2yrs</td> <td>5</td> <td>1</td> </tr> <tr> <td>3-5yrs</td> <td>14</td> <td>1</td> </tr> <tr> <td>6-10yrs</td> <td>22</td> <td>6</td> </tr> <tr> <td>11-15ys</td> <td>5</td> <td>0</td> </tr> <tr> <td>&gt;15yrs</td> <td>1</td> <td>0</td> </tr> <tr> <td>Total</td> <td>47</td> <td>8</td> </tr> </tbody> </table> <p>Out of 24 throat swabs were collected; 3 samples were positive for C.diphtheriae culture. Out of 28 cases 23 cases were not immunized for Pentavalent 3<sup>rd</sup> dose and DPT booster. All the cases treated as per standard guidelines. Case management and chemoprophylaxis as per guidelines were given to all close contacts of house members and school staff. Vaccination of Dt/dT were given to less than 15yr of age group children in the community. Instructed to maintain adequate storage and supply of Anti Diphtheria serum (ADS) as per guidelines. Health education given.</p>	Age group	Cases	Deaths	0-2yrs	5	1	3-5yrs	14	1	6-10yrs	22	6	11-15ys	5	0	>15yrs	1	0	Total	47	8
Age group	Cases	Deaths																												
0-2yrs	5	1																												
3-5yrs	14	1																												
6-10yrs	22	6																												
11-15ys	5	0																												
>15yrs	1	0																												
Total	47	8																												
JH/GDA/2019/43/1387	Jharkhand	Godda	Dengue	25	00	19-10-19	26-10-19	Under Control	<p>Cases reported from Boarijore, Lohandia, St. Lukes Health Centre Lalmatia. District RRT investigated the outbreak. State and District NVBDCP officials informed. Cases presented with high fever, bodyache, headache, weakness and nausea. A total of 08 blood samples collected and sent to Rajendra Institute of Medical Sciences, Ranchi; 03 were positive for Dengue by IgM ELISA and 03 were positive for both Dengue and Japanese Encephalitis by IgM ELISA. All cases were treated symptomatically. Health education given.</p>																					

<b>JH/WSI/2019/43/1388</b>	<b>Jharkhand</b>	<b>West Singhbhum</b>	<b>Acute Diarrheal Disease</b>	22	00	24-10-19	25-10-19	Under Control	Cases reported from Village Gajpur, HSC Tunia, CHC Sonua, West Singhbhum. District RRT investigated the outbreak. House to house survey done. Cases presented with loose stools and vomiting. A total of 05 stool samples collected and sent to DPHL, Chaibasa, 03 positive for Salmonella and 01 positive for Shigella. All cases were treated symptomatically. Health education given.
<b>JK/KWR/2019/43/1389</b>	<b>Jammu And Kashmir</b>	<b>Kupwara</b>	<b>Acute Diarrheal Disease</b>	29	00	01-09-19	26-10-19	Under Control	Cases reported from Village Zunreshi, Block Kralpora. District RRT investigated the outbreak. Active search of cases done. A total of 02 water samples collected and sent to DPHL Kupwara; were non potable for drinking. A total of 02 stool samples were collected and tested at DPHL, JLNM Srinagar were reported as normal gastro intestinal flora isolated. All cases were treated symptomatically. Health education regarding personal and hand hygiene.
<b>JK/KWR/2019/43/1390</b>	<b>Jammu And Kashmir</b>	<b>Kupwara</b>	<b>Hepatitis E</b>	06	00	19-10-19	26-10-19	Under Control	Cases reported from Maidan Payeen Dardpora, Block Kralpora. District RRT investigated the outbreak. A total of 04 blood samples collected and tested at DPHL Kupwara, all 04 were positive for Hepatitis E and 01 was positive for Hepatitis A as well by IgM ELISA. A total of 04 water samples were collected and tested at DPHL Kupwara; were unfit for human consumption. All cases were treated symptomatically. Chlorine tablets were distributed in the affected area. Health education given water sanitation, personal and hand hygiene.
<b>KN/DHA/2019/43/1391</b>	<b>Karnataka</b>	<b>Dharwad</b>	<b>Chikungunya</b>	07	00	19-10-19	22-10-19	Under Control	Cases reported from Village Harizan Oni, PHC Annigeri, Taluk Navalgund. District RRT investigated the outbreak. State and District NVBDCP officials were informed. Active case search done. House to house survey done. Cases presented with fever with joint pain. A total of 03 samples were collected and tested at KIMS, Hubli and 01 was positive for Chikungunya by IgM ELISA. All cases were treated symptomatically. Health education given.

<b>KN/GUL/2019/43/1392</b>	<b>Karnataka</b>	<b>Kalaburagi</b>	<b>Chikungunya</b>	27	00	24-10-19	25-10-19	Under Control	Cases reported from Village Kadihalli, PHC/CHC Ravor, Taluk Chittapur. District RRT investigated the outbreak. State and District NVBDCP officials were informed. Fever survey and larva survey conducted in the affected area. Cases presented with fever and joint pain. A total of 27 blood samples collected and tested at DPHL, 12 samples were positive for Chikungunya by IgM ELISA and 02 samples were positive for Dengue and Chikungunya. All cases were treated symptomatically. Temporary clinic established in the affected area. Entomological indices HI 16, CI 14, BI 58. Fogging and source reduction activities undertaken in the affected area. Health education given.
<b>KL/KTM/2019/43/1393</b>	<b>Kerala</b>	<b>Kottayam</b>	<b>Food Poisoning</b>	21	00	19-10-19	22-10-19	Under Control	Cases reported from Various villages under PHC Kalaketty, Paratodu, CHC Edayirikapuzha, Block Erumeli & Edayirikapuzha. District RRT investigated the outbreak. Joint inspection was conducted by food safety department. House to house survey done. Cases consumed food (fish) from different eateries in Erumeli Block. Cases presented with loose stools and vomiting. A single stool sample collected and tested at DDRCL Lab, Kottayam. All cases were treated symptomatically. All outlets supplying the food including the main manufacturer was closed. Health education given.
<b>KL/KTM/2019/43/1394</b>	<b>Kerala</b>	<b>Kottayam</b>	<b>Food Poisoning</b>	60	00	20-10-19	23-10-19	Under Control	Cases reported from Village/HSC Bharanganam, PHC/Block Ullanadu. District RRT investigated the outbreak. Joint inspection conducted with Food Safety department. House to house survey done. Cases consumed food in a canteen and presented with loose stools, vomiting and pain abdomen. A total of 02 water sample collected and sent to Kerala Water authority. All cases were treated symptomatically. Super chlorination of water done. Health education given.



<b>KL/KOZ/2019/43/1395</b>	<b>Kerala</b>	<b>Kozhikode</b>	<b>Hepatitis A</b>	47	00	19-10-19	23-10-19	Under Surveillance	Cases reported from Village Unnikulum, HSC Mangad, Block Balussery. District RRT investigated the outbreak. House to house fever survey done. Cases presented with fever, yellowish discoloration of eyes, pain abdomen, nausea and vomiting. Cases gave history of consumption of food in a social gathering. 05 water samples collected and sent to Regional Analytical Lab, Kozhikode. All cases were treated symptomatically. Health education given.
<b>KL/MLP/2019/43/1396</b>	<b>Kerala</b>	<b>Malappuram</b>	<b>Hepatitis A</b>	22	00	19-10-19	23-10-19	Under Control	Cases reported from Village Vettikattiri, HSC Thambananangadi, PHC Pandikkad, Block Wandoor. District RRT investigated the outbreak. House to house survey done. A total of 03 blood samples collected and sent to MCH Manjeri; all found positive for Hepatitis A by IgM ELISA. All cases were treated symptomatically. . Health education given.
<b>KL/TRC/2019/43/1397</b>	<b>Kerala</b>	<b>Thrissur</b>	<b>Hepatitis A</b>	17	00	22-09-19	25-10-19	Under Surveillance	Cases reported from Village/HSC/PHC Desamangalam, Block Erumapetty. District RRT investigated the outbreak. House to house survey done. A total of 03 serum samples collected and sent to DMO Lab; 01 was positive for Hepatitis A by IgM ELISA. Water samples collected and sent to Microbiology Lab MCH Thrissur. All cases were treated symptomatically. Health education given.
<b>MH/SGL/2019/43/1398</b>	<b>Maharashtra</b>	<b>Sangli</b>	<b>Cholera</b>	111	03	22-10-19	23-10-19	Under Control	Cases reported from Village Shivaji Nagar, SC Vihapur, PHC Neveri, Block Kadegaon. District RRT investigated the outbreak. House to house survey done. Pipe line leakages were observed in the community. The deceased were 35y/M, 35y/F and 42y/M. A total of 09 stool samples were collected and tested at DPHL Sangli; 05 were positive for V. cholera. A total of 11 water samples were collected and tested at DPHL, Sangli; 04 were contaminated. Safe drinking water supplied after purification. Instructions given to repair the broken pipe. All cases were treated as per the guidelines. Health education given.

<b>MP/ASH/2019/43/1399</b>	<b>Madhya Pradesh</b>	<b>Ashok Nagar</b>	<b>Japanese Encephalitis</b>	01	01	23-10-19	23-10-19	Under Control	Case reported from Gram-Pura Chhipon, PHC Rajpur, Block Shadora. District RRT investigated the outbreak. State and District NVBDCP officials were informed. Fever and larva survey conducted in the area. The deceased was a 12 year old female. Single sample collected and tested at DSU, Bhopal was positive for Japanese Encephalitis. Health education given.
<b>MP/UIJ/2019/43/1400</b>	<b>Madhya Pradesh</b>	<b>Ujjain</b>	<b>Food Poisoning</b>	19	00	23-10-19	26-10-19	Under Control	Cases reported from Village Khusra Khedi, Block Tajpur. District RRT investigated the outbreak. Cases belonged to the age group 6-9 years. Cases gave history of consuming castor beans after school, following which they developed pain abdomen, vomiting and loose stools. All cases were treated symptomatically. Health education given.
<b>OR/PRI/2019/43/1401</b>	<b>Odisha</b>	<b>Puri</b>	<b>Food Poisoning</b>	16	00	21-10-19	23-10-19	Under Control	Cases reported from Village Sahana, SC Sundara, GP Churiana, CHC Astaranga. District RRT investigated the outbreak. Cases presented with pain abdomen and vomiting, they gave history of consumption of rice and chicken curry. A total of 04 bore well water samples collected and sent to DPHL, Puri; 02 water samples E.coli was isolated. All cases were treated symptomatically. Health education given.
<b>PB/GPR/2019/43/1402</b>	<b>Punjab</b>	<b>Gurdaspur</b>	<b>Acute Diarrheal Disease</b>	10	00	24-10-19	24-10-19	Under Control	Cases reported from Islamabaad Mohalla, Gurdaspur. District RRT investigated the outbreak. House to house survey conducted in the area. Cases consumed contaminated water from a pipeline leakage. Cases presented with vomiting, loose stools and pain abdomen. 03 stool and 06 water samples collected and sent to SPHL Lab Kharar; all stool samples showed no growth and all 06 samples were not potable. All cases were treated symptomatically. ORS packets and Chlorine tablets were distributed. Health education given.



<b>RJ/ALW/2019/43/1403</b>	<b>Rajasthan</b>	<b>Alwar</b>	<b>Dengue</b>	37	00	25-10-19	25-10-19	Under Control	Cases reported from Village/SC Ratnpura, PHC Karana, Block Bansur. District RRT investigated the outbreak. House to house survey conducted. Cases presented with fever, bodyache and malaise. A total of 07 serum samples collected and tested at District Central Lab, Alwar and were found positive for Dengue by IgM ELISA. All cases were treated symptomatically. Fogging done in the affected area. Anti larval activities undertaken. Entomological survey revealed HI 6.0, BI 7.8, CI 4.0. Health education given.
<b>TN/CUD/2019/43/1404</b>	<b>Tamil Nadu</b>	<b>Cuddalore</b>	<b>Acute Diarrheal Disease</b>	49	00	22-10-19	23-10-19	Under Control	Cases reported from Village Vettakudi, HSC T.V Puthur, PHC Karuvepillankurichi, Block Vridhachalam. District RRT investigated the outbreak. Cases consumed contaminated water due to pipeline leakage. Water distribution was stopped immediately. A total of 02 water and 03 stool samples collected and sent to King Institute, Chennai and DPHL Cuddalore. Stool samples were found negative for Samonella, Shigella and Vibrio Cholera. Water samples were potable. All cases were treated symptomatically. ORS packets were distributed. Health education given on safe drinking water and hand wash.
<b>UP/DVR/2019/43/1405</b>	<b>Uttar Pradesh</b>	<b>Deoria</b>	<b>Acute Diarrheal Disease</b>	14	01	23-10-19	24-10-19	Under Control	Cases reported from Barhaj, CHC Barhaj, Urban Barhaj. District RRT investigated the outbreak. Active search of cases done. All cases were treated symptomatically. Health education given.
<b>UA/GAR/2019/43/1406</b>	<b>Uttarakhand</b>	<b>Pauri Garhwal</b>	<b>Dengue</b>	08	00	20-10-19	25-10-19	Under Control	Cases reported from Village Bagi, Block Dwarikhal. District RRT investigated the outbreak. State and District NVBDCP officials informed. Active case search done. A total of 08 blood serum samples collected and tested at Sentinel Surveillance Hospital, District Hospital Pauri Garhwal and 06 were positive for Dengue NS1 by ELISA. All cases were treated symptomatically. Fogging and indoor space spraying done. Source reduction activities undertaken. Health education given.

## DISEASE OUTBREAKS OF PREVIOUS WEEKS REPORTED LATE

Unique ID.	Name of State/UT	Name of District	Disease/ Illness	No. of Cases	No. of Deaths	Date of Start Outbreak	Current Status	Comments/ Action Taken
AP/KUR/2019/43/1407	Andhra Pradesh	Kurnool	Acute Diarrheal Disease	65	00	03-10-19	Under Control	Cases reported from Village C Belagal (Kota Vidhi, Sasari Geri). District RRT investigated the outbreak. A total of 03 water samples collected and sent to Kurnool Regional Lab, 01 was satisfactory and remaining were unsatisfactory. All cases were treated symptomatically. Chlorination of drinking water done. Chlorine tablets supplied. Health education given on sanitation, hygiene and hand hygiene.
AS/GLG/2019/43/1408	Assam	Golaghat	Food Poisoning	55	00	14-10-19	Under Control	Cases reported from Village Pironimelia, SC Baruagaon Notional, Block Kamarbandha. District RRT investigated the outbreak. Cases presented with mild fever, pain abdomen and loose stools. Cases gave history of consumption in a gathering. A total of 08 stool samples collected and tested at DPHL Golaghat; E.coli growth seen. A total of 06 water samples were collected for H <sub>2</sub> S test and were reported as not contaminated. All cases were treated symptomatically. Health education given on safe drinking water and hand hygiene.
AS/MAR/2019/43/1409	Assam	Marigaon	Japanese Encephalitis	01	01	01-10-19	Under Control	Case reported from Village Uttar Saruchala, SC Saruchala HWC, FRU Moirabari, BPHC Laharighat. District RRT investigated the outbreak. State and District NVBDCP officials were informed. The deceased was a 1y 3m old girl, she presented with fever headache, altered sensorium, unconsciousness and neck rigidity. A single CSF sample collected and tested at GMCH, was positive for Japanese Encephalitis by IgM ELISA. Fogging done. Health education given.
CT/BAS/2019/43/1410	Chhattisgarh	Baster	Acute Diarrheal Disease	75	01	13-10-19	Under Control	Cases reported from SHC Bajawand PHC Malgaon, Block Bakawand, District RRT investigated the outbreak. Door to door survey done. Source of infection was drinking contaminated water from unused well. Water samples collected. All cases were treated symptomatically. Water chlorination done. Health education given.
JH/JAT/2019/43/1411	Jharkhand	Jamtara	Chickenpox	05	00	05-10-19	Under Control	Cases reported from Village Mahulbona, SC Bindapathar, Block Nala. District RRT investigated the outbreak. Active case search done. A total of 05 blood samples collected and sent to Dept. of Microbiology, RIMS Microbiology lab; 05 were positive for Chickenpox by IgM ELISA. All cases were treated symptomatically. Health education given.

JK/ KWR/2019/43/1412	Jammu And Kashmir	Kupwara	Hepatitis E	08	00	31-07-19	Under Control	Cases reported from Village Pohrupeth Bungam. District RRT investigated the outbreak. A total of 05 blood samples collected and tested at DPHL, Kupwara; all were positive for Hepatitis E and 01 was positive for Hepatitis A by IgM ELISA. A total of 03 water samples collected and tested at DPHL Kupwara were reported as unfit for human consumption. All cases were treated symptomatically. Chlorine tablets distributed in the affected area. Health education given on personal and hand hygiene.
UP/ KWR/2019/43/1413	Jammu And Kashmir	Kupwara	Cholera	246	04	26-08-19	Under Control	Cases reported from Dardpora Naka, Kralpora. District RRT investigated the outbreak. The probable source of infection was contaminated drinking water source. District PHE informed and asked to provide alternate source of potable water. A total of 05 stool samples were collected and sent to State Public Health Laboratory, Barzulla, Srinagar and 01 was positive for Vibrio cholera. 05 water samples tested and found unsatisfactory. All cases were treated as per guidelines. Health education given on personal and hand hygiene.
UP/ KWR/2019/43/1414	Jammu And Kashmir	Kupwara	Acute Diarrheal Disease	32	00	28-08-19	Under Control	Cases reported from Village Marsari, Block Kralpora. District RRT investigated the outbreak. A total of 02 stool samples collected and tested at DPHL, JLN, Srinagar and normal gastro intestinal flora isolated. A total of 02 water samples collected and tested at DPHL, Kupwara, all were found unfit for human consumption. All cases were treated symptomatically. Health education given on personal and hand hygiene.
UP/ KWR/2019/43/1415	Jammu And Kashmir	Kupwara	Hepatitis E	16	00	16-10-19	Under Control	Cases reported from Kunan, Block Trehgam. District RRT investigated the outbreak. A total of 06 blood samples collected and tested at DPHL Kupwara all were found positive for Hepatitis E by IgM ELISA. A total of 02 water samples were collected and sent to DPHL Kupwara were found unsatisfactory. All cases were treated symptomatically. Chlorine tablets were distributed in the affected area. Health education given water sanitation, personal and hand hygiene.
UP/ KWR/2019/43/1416	Jammu And Kashmir	Kupwara	Hepatitis A & E	13	00	17-09-19	Under Control	Cases reported from Gubd Chogal, Block Handwara. District RRT investigated the outbreak. A total of 09 blood samples collected and tested at DPHL Kupwara, all 09 samples were positive for Hepatitis E and 03 were positive for bot hepatitis E and Hepatitis A by IgM ELISA. A total of 02 water samples were collected and tested at DPHL, Kupwara, 02 water samples found unsatisfactory. All cases were treated symptomatically. Health education given water sanitation, personal and hand hygiene. Chlorine tablets were distributed in the affected area.

UP/ KWR/2019/43/1417	Jammu And Kashmir	Kupwara	Hepatitis A	18	00	03-10-19	Under Control	Cases reported from Wanbathu, Dall, Block Kalaroose. District RRT investigated the outbreak. A total of 05 blood samples collected and tested at DPHL Kupwara; 03 samples were positive for Hepatitis A by IgM ELISA. A total of 03 water samples were collected and tested at DPHL Kupwara; were unfit for consumption. All cases were treated symptomatically. Chlorine tablets were distributed in the affected area. Health education given water sanitation, personal and hand hygiene.
UP/ KWR/2019/43/1418	Jammu And Kashmir	Kupwara	Acute Diarrheal Disease	30	00	29-08-19	Under Control	Cases reported from Gugloosa, Block Trehgam. District RRT investigated the outbreak. A total of 02 stool samples collected and tested at DPHL JLN, Srinagar were reported as normal intestinal flora isolated. A total of 03 water samples collected and tested at DPHL, Kupwara; all were reported as unfit for human consumption. All cases were treated symptomatically. Health education given on water sanitation, personal and hand hygiene.
KN/CKR/2019/43/1419	Karnataka	Chikkaballapur	Chikungunya	15	00	16-10-19	Under Control	Cases reported from Village Kattara Kaderenahalli, PHC/CHC Mandikal, Taluk Chickabalapura. District RRT investigated the outbreak. State and District NVBDCP officials were informed. Fever survey and larva survey conducted in the affected area. A total of 02 serum samples collected and tested at SSL, 01 was found positive for Chikungunya. All cases were treated symptomatically. Fogging done in the affected area. Health education given.
KL/ERN/2019/43/1420	Kerala	Ernakulam	Diphtheria	01	01	18-10-19	Under Control	Cases reported from Village Kottuvally, PHC Koonammavu, Block Ezhikkara. District RRT investigated the outbreak. House to house survey done. Screening done in migrant camp; 102 migrants screened. Deceased was a 16 year old male migrant from Assam, presented with fever, headache, throat pain, difficulty in swallowing food, vomiting and bull neck. A grayish patch seen on the soft palate extending to the posterior pharyngeal wall. A single throat swab collected and sent to State Public Health Lab, Thiruvananthapuram; found positive for Corynebacterium diphtheria by culture and PCR. Prophylaxis given to contacts and close contacts of the deceased. Td vaccination given to hospital staff and migrants. Health education given.
KL/ERN/2019/43/1421	Kerala	Ernakulam	Mumps	22	00	16-10-19	Under Control	Cases reported from Village/PHC Keezhmad, Block Malayidamthuruth. District RRT investigated the outbreak. All cases were students studying the same residential school. Cases were boys in the age group 11-15 years. Cases presented with mild fever, generalized fatigue, headache, nausea, swelling and loss of appetite. All cases were treated symptomatically. Cases

								isolated with support of school staff in the student's hostel. Medical camp conducted. Health education given.
<b>KL/KOA/2019/43/1422</b>	<b>Kerala</b>	<b>Kollam</b>	<b>Measles</b>	06	00	08-10-19	Under Control	Case reported from Village Parippally, HSC Karimpaloor, PHC Parippally, CHC/Block Kalakode. District RRT investigated the outbreak. Active search of cases done. Cases were distributed in the age group 20-22 years. Clustering of cases observed. Cases gave history of fever, maculopapular rash and sore throat, vaccination status of cases was unknown. A total of 05 serum samples were collected and sent to NIV Alappuzha, 02 were positive for Measles by IgM ELISA. All cases were treated as per guidelines. Health education given on personal and hand hygiene.
<b>MH/JGA/2019/43/1423</b>	<b>Maharashtra</b>	<b>Jalgaon</b>	<b>Dengue</b>	26	01	14-10-19	Under Control	Cases reported from PHC Girad, Block Bhadgaon. District RRT investigated the outbreak. State and district NVBDCP officials informed. House to house and container survey done. The deceased was a 22y/F. A total of 25 blood smear samples collected and all were negative for Malaria. A total of 07 blood samples sent to GMC Aurangabad, 02 were positive for Dengue by IgM ELISA. All cases were treated symptomatically. Source reduction activities carried out. Health education given.
<b>MH/NAG/2019/43/1424</b>	<b>Maharashtra</b>	<b>Nagpur</b>	<b>Acute Diarrheal Disease</b>	15	00	08-08-19	Under Control	Cases reported from Gram Pyt. Mangrul, PHC Nand, Taluk Bhivapur. District RRT investigated the outbreak. House to house survey done. Poor environmental hygiene and sanitation observed in the affected area. Water samples collected and sent to RPHL Lab Nagpur. All cases were treated symptomatically. Health education given.
<b>MH/NAS/2019/43/1425</b>	<b>Maharashtra</b>	<b>Nashik</b>	<b>Cholera</b>	289	00	17-10-19	Under Control	Cases reported from Village Savarpada, SC Pimpale, PHC Jaydar, Block Kalwan. District RRT investigated the outbreak. House to house survey conducted. A break in the main pipeline was observed and is suspected to be the reason for outbreak. A total of 05 water samples collected, of which 03 were found to be contaminated and not fit for drinking. A total of 02 TCL samples were collected and sent to DPHL, Nashik, chlorine content was 32.97. A total of 07 stool samples collected and tested at DPHL Nashik, 04 were positive for V. Cholera O1. All cases were treated symptomatically. Alternate source of drinking water made available in the affected area. The broken pipeline was repaired. Health education given on water sanitation and personal, food and hand hygiene.

<b>MH/SHO/2019/43/1426</b>	<b>Maharashtra</b>	<b>Sholapur</b>	<b>Dengue</b>	10	00	14-10-19	Under Control	Cases reported from Village Vitthalwadi, SC Jinti, PHC Korti, Block Karmala. District RRT investigated the outbreak. State and District NVBDCP officials were informed. Fever survey and container survey conducted in the affected area. A total of 04 blood samples collected and tested at NIV Pune; 02 were positive for Dengue by IgM ELISA. All cases were treated symptomatically. Fogging done. Health education given.
<b>NL/KOH/2019/43/1427</b>	<b>Nagaland</b>	<b>Kohima</b>	<b>Dengue</b>	02	00	23-08-19	Under Control	Cases reported from High School and SC College area. District RRT investigated the outbreak. State and District NVBDCP officials were informed. Cases were above 15 years of age. A total of 02 samples were collected and 02 were positive for Dengue by IgM ELISA. All cases were treated symptomatically. Health education given.
<b>UP/BRL/2019/43/1428</b>	<b>Uttar Pradesh</b>	<b>Bareilly</b>	<b>Chickenpox</b>	20	00	14-10-19	Under Control	Cases reported from Kishor Sadam, District RRT investigated the outbreak. Cases presented with fever, malaise and rash. All cases were treated symptomatically. Health education given.
<b>UP/FAT/2019/43/1429</b>	<b>Uttar Pradesh</b>	<b>Fatehpur</b>	<b>Dengue</b>	06	00	30-09-19	Under Surveillance	Cases reported from Usraha Khera, Nama, Mau, Malwa, Fatehpur, Ward No- 31, Chandiyana, Fatehpur, 59 Lala Bazar, Qaziya, Near Shiya Jama Masjid, Ward No-28 Uttari Murain Tola Near Imam Bada, Fatehpur, Ward No -3, Purani, Bazar, Gazipur, Fatehpur, Village Nonara, Post Budwa, Fatehpur. District RRT investigated the outbreak. State and District NVBDCP officials were informed. Cases presented with fever, headache and pain abdomen. A total of 06 blood samples collected and tested at GSVM Medical College Kanpur and all were found positive for dengue by IgM ELISA. All cases were treated symptomatically. Source reduction activities undertaken. Health education given.
<b>UP/KAJ/2019/43/1430</b>	<b>Uttar Pradesh</b>	<b>Kannauj</b>	<b>Suspected Diphtheria</b>	11	06	25-08-19	Under Surveillance	Cases reported from Village Terajakit, Soolanpur, Amarauli, Chiyasar, Sausarapur, Banpura, Narayanpur, Perarikheda, SC Terajakit, Bhaisiyapur, Chiyasar, Sausarapur, Madhiya, Rohli, CHC Gursahaiganj, Talgram, Gugrapur, Jalalabad, Block Talgram, Gugrapur, Jalalabad, Talgram. District RRT investigated the outbreak. All cases were not immunized against diphtheria. A total of 07 samples collected and sent to KGMU Lucknow. All cases were treated symptomatically. Azithromycin given to patients suffering from acute tonsillitis by organizing a medical camp. Immunization session organized. Health education given.



WB/SPG/2019/43/1431	West Bengal	South 24 Pargans	Hepatitis A	28	00	18-10-19	Under Control	Cases reported from Village Parasar, SC Nahazari (South), GP Nahazari, Block Bishnupur-II. District RRT investigated the outbreak. Active case search done. A total of 09 blood samples collected and tested at STM, Calcutta; 08 were positive for Hepatitis A by IgM ELISA. A total of 03 water samples collected and sent to PHE for microbiological and chemical testing were reported as higher than higher than permissible limit. All case were treated symptomatically. Medical camp organized. Health education given.
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