

Integrated Diseases Surveillance Project

Communicable Diseases:

Disease surveillance is being done for the 13 core diseases identified by GOI. The reporting was sent to CSU on weekly basis periodically on Thursday by electronic media. In the years 2007, 2008, 2009, 2010, 2011, 2012, 2013 and 2014 above 85 % of the reporting units are reported regularly, this year it is proposed to achieve 100% by strengthening the communication network.

IDSP's District Priority Laboratory functions from at Indira Gandhi Government General Hospital campus from 2006. JIPMER was declared as State reference Lab for H1N1 Surveillance from 2009. District Public Health Laboratory of IDSP was established at Government General Hospital Karaikal was established in the financial year 2011 – 12. IDSP Referral Lab was established in the financial year 2014 – 15 at Indira Gandhi Medical College and Research Centre. Proposal for District Public Health Laboratory at Mahe and Yanam has been made in this financial year.

Types of Surveillance in IDSP:

Syndromic – Diagnosis made on the basis of clinical pattern by paramedical personnel and members of the community.

Presumptive – Diagnosis made on typical history and clinical examination by Medical Officers

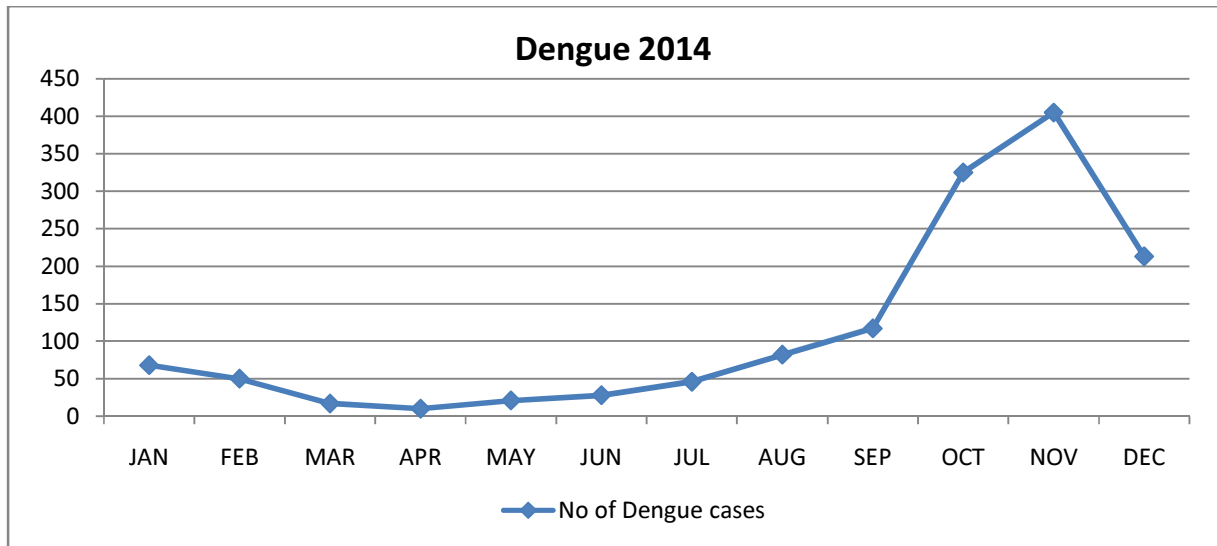
Confirmed – Clinical diagnosis confirmed by an appropriate laboratory test.

An IDSP week is from Monday of the current week to Sunday of the subsequent week and a year consists of 52 weeks.

Reporting Percentage – Union Territory of Puducherry from the first week of 2014 to 15th week 2015 (March)

	S – Form % Reporting		P – Form % Reporting		L – Form % Reporting	
	2014(From 1 st week – 48 th week)	2014 - 15(From 49 th - 14th week)	2014(From 1 st week – 48 th week)	2014 - 15(From 49 th - 14th week)	2014(From 1 st week – 48 th week)	2014 - 15(From 49 th - 14th week)
District wise	80%	84%	87%	95%	66%	74%
RU wise	90%	94%	85%	94%	78%	87%

Dengue Monthly trends in Union Territory of Puducherry for 2014 based on L-Form



2014	Pondicherry	Karaikal	Mahe	Yanam	UT
January	67	0	0	1	68
February	50	0	0	0	50
March	17	0	0	0	17
April	10	0	0	0	10
May	21	0	0	0	21
June	28	0	0	0	28
July	43	1	2	0	46
August	80	1	1	0	82
September	112	4	1	0	117
October	318	7	0	0	325
November	386	18	1	0	405
December	203	8	1	1	213
TOTAL	1335	39	6	2	1382

Disease Trend in 2014 Under Presumptive Surveillance for UT Puducherry

S.No.	Diseases/Syndromes	Total
1	Malaria	40
2	Measles	29
3	Chicken Pox	147
4	Dengue / DHF / DSS	317
5	Chikungunya	8
6	Meningitis	16
7	Acute Encephalitis Syndrome	0
8	Enteric Fever	623
9	Fever of Unknown Origin (PUO)	144883
10	Diphtheria	0
11	Pertussis	0
12	Acute Respiratory Infection (ARI) / Influenza Like Illness (ILI)	721787
13	Pneumonia	989
14	Acute Diarrhoeal Disease (including acute gastroenteritis)	70025
15	Bacillary Dysentery	12072
16	Viral Hepatitis	138
17	Leptospirosis	2
18	Acute Flaccid Paralysis < 15 Years of Age	3
19	Any other State Specific Disease	0
20	Unusual Syndromes NOT Captured Above (Specify clinical diagnosis)	0
21	Total New OPD attendance (Not to be filled up when data collected for indoor cases)	2641087
22	Dog bite	19941
23	Snake bite	1496

Disease Trend In 2014 Under Laboratory Surveillance for UT Puducherry

S.N.	Diseases	Total
1	Dengue/DHF/DSS	1382
2	Chikungunya	10
3	JE	0
4	Meningococcal Meningitis	1
5	Typhoid Fever	652
6	Diphtheria	0
7	Cholera	2
8	Shigella Dysentery	10
9	Viral Hepatitis A	31
10	Viral Hepatitis E	16
11	Leptospirosis	6
12	Malaria	0
	P.F	2
	P.V	13
13	Other (Sputum for AFB)	49
14	Others (Hepatitis B)	290

H1 N1 Positive Case-2015 -1st Week to 14th Week Based on Laboratory Surveillance

2015	Puducherry	Karaikal	Mahe	Yanam	Total
January	0	1	0	0	1
February	27	0	0	0	27
March	28	0	0	0	28
Total	55	1	0	0	56

Dengue Positive Case-2015 1st Week to 14th Week

2015	January	February	March	Total
Pondy	145	41	28	214
Karaikal	3	4	3	10
Mahe	0	1	0	1
Yanam	0	0	0	0
Total	148	46	31	225

Outbreak and epidemiological management 2014 -15

Chicken pox outbreak was reported on 12.04.2014 at Sokkanathanpet village, Mettupalayam - PHC Puducherry. Total population of village is 2693, affected population is 11. Outbreak intimated to the Head Quarters and quarantine advocated to prevent transmission. Families with affected cases educated.

Food poisoning outbreak occurred on 21.09.2014 at kottucherry town kottuchery - PHC, Karaikal. Due to consumption of prasadam distributed in Seethala Ganapathy Temple, North St, Kottucherry, on the Occasion of Navarathiri festival. All the 20 affected cases were managed with stomach wash, ORS and Gelusil.

Single confirmed case of Cholera reported on 08.08.2014 at Tsunami Quarters, Kalapet – PHC, Puducherry. Active case search was conducted in the area from which the case was reported, no other case detected. All the water bodies supplying to that area were alerted, water samples tested for Vibrio Cholera, no contamination found. The case was managed appropriately and other safety measures were taken to prevent transmission.

Another food poisoning outbreak started on 18.02.2015 at Maducarai village, Maducarai PHC, Puducherry. Due to consumption of prasadam distributed in Sivan Temple, on the Occasion of Sivarathiri festival. Totally 304 cases were affected out of 8096 population, all cases managed with stomach wash and ORS.