Editorial

Status of Dengue cases and deaths in Tamil Nadu, Puducherry, and all other states in India

Introduction

Dengue [DEN] is a mosquito borne viral fever. It is caused by dengue virus (DENV). It is usually transmitted by the infective bite of Aedes Aegypti mosquito. It is an emerging, outbreak prone disease. [1] It develops disease after 5 to 6 days of being bitten by an infective mosquito. DEN incidence is increasing in recent years with repeated outbreaks in many states in India. Nowadays, DEN cases were reported from all states and union territories except Ladakh, India. [2]

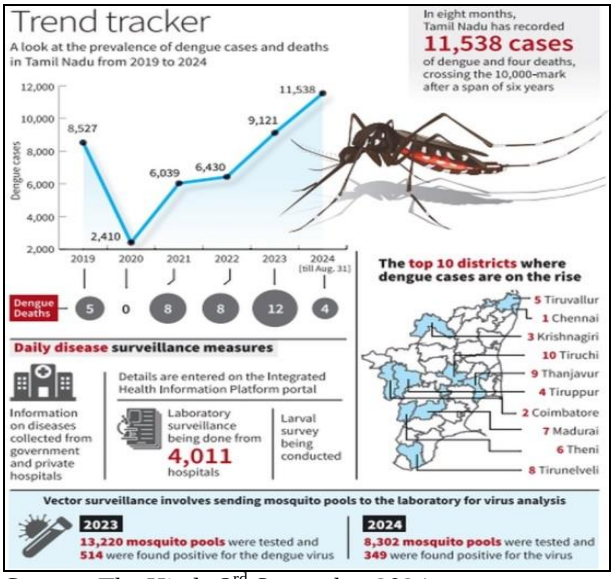
Symptoms of Dengue Fever [3]

Dengue fever appearing in a human body in between 4–10 days after a bite by a dengue infected mosquito. The symptoms are: high fever, severe headaches, aches and body pain, skin rashes, digestive related issues and fatigue and swollen glands. ie., (a). High Fever: Suddenly onset of a very high temperature more than 102 degree; (b). Severe Headaches & Eye Pain: Intense pain, especially behind the eyes; (c). Aches and Pains: Pain behind the eye balls, severe muscle, bone, muscles, and joint pain (giving dengue its nickname "break-bone fever"); (d). Skin Rash: A measles-like or reddish rash that often appears on the chest, limbs, or torso around day 3 to 4; (e). Digestive Issues: Nausea, vomiting, and a loss of appetite or taste; and fatigue & swollen glands: Extreme tiredness and swollen lymph nodes.

Dengue fever status in Tamil Nadu [3]

DEN cases approximately 17,049 cases and in that 9 were deaths were reported in the Tamilnadu in 3rd week of September 2026. In Tamilnadu state, worstly affected by dengue fever in Chennai, Coimbatore, Salem, Chengalpattu, Tiruvannamalai, Krishnagiri, Tiruvallur, Kancheepuram, Thanjavur, and Villupuram. Dengue cases are very high in Chennai and very low in Nilgiris. Generally, dengue cases decline for third consecutive year as per data of Government of Tamilnadu. ie., Tamilnadu state recorded 11,538 when compared with 25,585 cases in 2025, 46,971 in 2024, and 56,863 cases in 2023 as shown in **Figure–1**.

Figure–1 Distribution of dengue cases in Tamilnadu



Source: The Hindu 3rd September 2024

Dengue fever status in Puducherry [6]

Gender disparities were there and women faced many challenges in managing daily activities and in household works. [5] But, in Puduherry (Pondicherry) reported 1,175 cases and only very less 2 deaths in the month of September 2026.

Prevention Methods: Clear the stagnant water in and around houses, by using mosquito nets, wear protective clothing and by

Article Summary: **Submitted:** 08-July-2026 **Revised:** 25-July-2026 **Accepted:** 20-August-2026 **Published:** 30-September-2026

Quick Response Code:

Web Site
http://ijmsnr.com/

DOI
10.55349/ijmsnr.20266312

This is an open access journal, and articles are distributed under the terms of the Creative Commons Attribution – Non - Commercial - ShareAlike 4.0 International License, which allows others to remix, tweak, and build upon the work non-commercially, as long as appropriate credit is given, and the new creations are licensed under the identical terms.

How to cite this article: Sureshbabu J. Status of Dengue cases and deaths in Tamil Nadu, Puducherry and all other states in India. Int J Med Sci and Nurs Res 2026 Jul-Sep;6(3):1–2. **DOI:** 10.55349/ijmsnr.20266312

Figure – 2 Distribution of dengue cases and deaths in various states of India

Dengue Cases and Deaths in the Country

Sl. No.	State	2021		2022		2023		2024		2025		2026 (Prov till 30th April)	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1	Andhra Pradesh	4760	0	6391	0	6453	0	5555	2	2686	5	770	0
2	Arunachal Pradesh	7	0	114	0	130	0	20	0	170	0	14	0
3	Assam	103	0	1826	2	8208	7	2271	0	679	0	53	0
4	Bihar	633	2	13972	32	20224	74	10157	16	3902	2	97	0
5	Chhattisgarh	1086	0	2679	10	2412	0	3523	2	513	0	30	0
6	Goa	649	0	443	1	512	3	567	3	105	0	12	0
7	Gujarat	10983	14	6682	7	7222	7	7891	6	4233	0	339	0
8	Haryana	11835	13	8996	18	8081	11	6469	9	2626	0	27	0
9	Himachal Pradesh	349	0	3326	1	1989	0	3359	0	229	0	18	0
10	Jharkhand	220	1	290	0	2578	4	1528	0	401	1	29	0
11	Karnataka	7393	7	9889	9	19300	11	32886	27	7325	0	978	0
12	Kerala	3251	27	4432	29	17426	153	20674	128	10923	65	1403	10
13	Madhya Pradesh	15592	11	3318	2	6979	0	10224	6	1941	0	242	0
14	Meghalaya	129	0	26	0	114	0	74	0	81	0	11	0
15	Maharashtra	12720	42	8578	27	19034	55	19385	40	14168	24	1525	0
16	Manipur	203	0	503	4	2548	0	2463	5	5519	1	25	0
17	Mizoram	83	0	1868	5	2060	2	744	1	1482	0	110	0
18	Nagaland	24	0	154	0	4943	2	42	0	97	0	1	0
19	Odisha	7548	0	7063	0	12845	1	9892	0	2635	0	93	0
20	Punjab	23389	55	11030	41	13687	39	6260	13	4981	8	47	0
21	Rajasthan	20749	96	13491	10	13924	14	12514	5	4348	3	219	0
22	Sikkim	243	1	264	0	311	0	374	0	169	0	21	0
23	Tamil Nadu	6039	8	6430	8	9121	12	27378	13	23407	12	4973	2
24	Tripura	349	0	56	0	1447	0	1198	0	741	0	222	0
25	Telangana	7135	0	8972	0	8016	1	10077	0	8412	0	417	0
26	Uttar Pradesh	29750	29	19821	33	35402	36	15868	9	9206	3	206	0
27	Uttarakhand	738	2	2337	0	4320	17	494	0	992	0	0	0
28	West Bengal	8264	7	67271	30	30683*	4	441**	0	NR	NR	770	0
29	A&N Islands	175	0	1014	3	846	0	59	0	370	0	63	0
30	Chandigarh	1596	3	910	1	454	0	349	0	66	0	0	0
31	Delhi	13089	23	10183	9	16866	19	10585	11	4665	4	213	0
32	D&N Haveli	547	0	685	0	1178	0	403	0	212	0	5	0
	Daman & Diu	279	0	228	0	284	1	278	0	132	0	53	0
33	J&K	1709	4	8269	18	6403	10	6876	1	3381	2	24	0
34	Ladakh	Non endemic											
35	Lakshadweep	1	0	67	0	445	0	513	0	125	0	49	0
36	Puducherry	1625	1	1673	3	2790	2	2128	0	902	1	277	0
	TOTAL	193245	346	233251	303	289235	485	233519	297	121824	131	13336	12

*Till 13.9.2023; **Till 21.2.2024; NR=Not reported

using repellents.

Warning Signs: Continuous severe stomach pain, over vomiting, bleeding from the nose or gums, and extreme drowsiness or restlessness. Avoid self-medication or paracitamol. Overall dengue cases and deaths in all the states of India. [6] No. of deaths were 10 out of 1403 cases in Kerala. Very few deaths in Tamilnadu as shown in **Figure – 2.**

References

1. World Health Organization: Dengue – Key Facts. Available from: https://www.who.int/news-room/fact-sheets/detail/dengue-and-severe-dengue **[Last Accessed on: 1st September 2026]**
2. Bagchi S. Dengue bites India. CMAJ 2009;180(7):E7. **DOI:** 10.1503/cmaj.090255. **PMCID:** PMC2659823.
3. Government of Tamil Nadu – Health & Family Welfare Department: Dengue. **Available from:** https://tnhealth.tn.gov.in/tngovin/dph/dphdbdengue.php **[Last Accessed on: 3rd September 2026]**
4. The Hindu: Tamil Nadu Issue 3rd September 2024. **Available from:** https://www.thehindu.com/news/national/tamil-nadu/dengue-cases-gradually-increasing-in-tamil-nadu-say-health-officials/article68597238.ece **[Last Accessed on: 5th September 2026]**
5. Sugavathy A, Choolayil AC, Neethi PL, Devaraju P, Srirama S, Jabir M, et al. Intersectional Social Determinants Shaping Health Experience: The Case of Dengue Patients in Puducherry, India. J Hum Rights Soc Work 2025;10:179–192. **DOI:** https://doi.org/10.1007/s41134-024-00359-3
6. National Center for Vector Borne Diseases Control: Dengue Situation in India. **Available from:** https://ncvbdc.mohfw.gov.in/Doc/Dengue-Cases-deaths-2021-2026-till-April.pdf **[Last Accessed on: 5th September 2026]**

Jayanthi Sureshbabu

Editor-In-Chief,
International Journal of Medical Sciences and Nursing Research, Coimbatore,
Tamil Nadu, India

Email ID: editorinchief.ijmsnr@gmail.com

Publish your research articles with
International Journal of Medical Sciences and Nursing Research
Website: http://ijmsnr.com/ **eISSN:** 2583-0996