



WEEKLY DENGUE UPDATE

ISSN 2950-7243

Week 13 (25th– 31st March 2024)

National Dengue Control Unit, Ministry of Health

**Week
13**

Year: 2024 Volume: 04 Issue: 13

DENGUE CASE REPORTING

During 13th week, 628 suspected dengue cases were reported in 25 districts in comparison to 666, in 24 districts during the 12th week. There is 5.7% decrease in 13th week, compared to the previous week. Of all reported cases, 44.3% were from Western Province [Colombo Municipal Council – 4.8%, rest of the Colombo District – 17.2%, Gampaha District – 11.6% and Kalutara District – 10.7%]. Jaffna [7.6%], Kandy [6.7%], Kegalle [5.6%], Ratnapura [4.8%], Galle [4.6%] and Batticaloa [4.1%] districts also have reported higher number of cases (Table 1).

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2023 and 2024



Source: DenSys and NaDSys – Dengue Surveillance Systems

HIGH RISK MOH AREAS (Table 2)

During 13th week, 2 MOH areas were flagged as high-risk. Of them, Kelaniya MOH area showed rising number than it's respective number in previous week. Persistently high number of patients are observed in CMC area in both 12th and 13th weeks.

The Kelaniya MOH area was newly flagged as high-risk areas in 13th week. The MOH areas that were flagged as high-risk in 12th week and not flagged for the current week are Kesbewa, Kaduwela, Maharagama, Biyagama, Gampaha, Wattala, Kurunegala and Chavakachcheri.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 12th week shows an increase from 268 to 284.

In 13th week average midnight total of dengue patients in selected 74 hospitals was 260. In 15 hospitals, the average midnight total has increased and in 27 hospitals it has decreased compared to the previous week.

Selected hospitals with high average midnight totals of dengue patients and changing trend of dengue admissions in the 13th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 13 and 12 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		2023	2024
	12	13	12	13		
Colombo	359	222	168	138	4737	4332
Gampaha	377	329	73	73	4972	1805
Kalutara	78	83	56	67	1285	1005
Kandy	76	84	43	42	927	1313
Matale	32	55	6	8	319	192
Nuwara Eliya	4	3	1	3	33	67
Galle	30	54	31	29	575	957
Hambantota	39	53	19	14	294	261
Matara	17	30	12	20	394	274
Jaffna	54	55	76	48	902	3709
Kilinochchi	Nil	2	6	3	40	199
Mannar	3	4	Nil	Nil	41	122
Vavuniya	1	9	Nil	1	56	59
Mullaitivu	3	1	1	2	44	119
Batticaloa	97	102	24	26	774	886
Amprara	5	4	4	3	41	83
Trincomalee	124	102	15	13	670	316
Kalmunai*	48	43	14	19	1048	396
Kurunegala	54	47	25	9	784	881
Puttalam	105	46	14	22	2076	604
Anuradhapura	9	12	5	1	156	214
Polonnaruwa	12	15	4	9	174	121
Badulla	20	9	1	4	337	332
Monaragala	4	5	5	9	118	296
Ratnapura	52	39	30	30	728	735
Kegalle	58	53	33	35	781	761
Total	1661	1461	666	628	22306	20039

Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit) and NaDSys (Dengue Surveillance, National Dengue Control Unit)

* Ampara district is divided into two Regional Directorates of Health Services (RDHS) as Ampara & Kalmunai

■ Districts reporting higher number of cases.

Table 2: High risk MOH areas (2)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 12	Week 13		Week 12	Week 13		Week 12	Week 13		Week 12	Week 13
WESTERN PROVINCE			Colombo District			CMC	40	30	Kelaniya	5	10

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 13

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 12	Week 13	Change		Week 12	Week 13	Change		Week 12	Week 13	Change
NHSL	20	24	↑	TH-Col-North	12	7	↓	TH-Peradeniya	3	5	↑
TH-Col-South	15	19	↑	DGH- Gampaha	6	7	↑	BH- Kiribathgoda	5	5	-
DGH- Embilipitiya	5	18	↑	DGH- Matara	6	6	-	TH- Kalutara	8	4	↓
NIID	17	15	↓	BH- Panadura	6	6	-	BH-Kahawatta	3	4	↑
TH-Ratnapura	13	10	↓	DGH- Horana	5	5	-	BH-Nikaweratiya	4	4	-
TH-Karapitiya	11	9	↓	BH-Point Pedro	10	5	↓	BH-Dambadeniya	3	3	-
BH-Balapitiya	4	9	↑	DGH-Avissawella	5	5	-	TH-Kurunegala	8	1	↓
DGH-Kegalle	8	8	-	DGH- Negombo	7	5	↓				
LRH	8	7	↓	BH- Mawanella	6	5	↓				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	08	Case Fatality Rate	0.07%	0.04%

Deaths reported in 2024 [Age & Sex]					
Age Group (Yrs.)	Male	Female	Age Group (Yrs.)	Male	Female
Less than 01	-	-	35 - 44	-	2
01 - 04	-	1	45 - 54	-	-
05 - 14	-	-	55 - 64	-	-
15 - 24	-	1	65 & above	-	1
25 - 34	1	2	Total	1	7

Hospital	Average Midnight Total		
	Week 12	Week 13	Change
TH-Peradeniya	3	5	↑
BH- Kiribathgoda	5	5	-
TH- Kalutara	8	4	↓
BH-Kahawatta	3	4	↑
BH-Nikaweratiya	4	4	-
BH-Dambadeniya	3	3	-
TH-Kurunegala	8	1	↓

Deaths reported in 2024 [Districts/Admin area] [Provisional]					
District/area	No	District/area	No	District/area	No
Kalutara ^[1]	2	Kilinochchi	1	Monaragala	1
Jaffna	1	Matara	1	Colombo ^[2]	1
Hambantota	1				

^[1] Excluding National Institute of Health Sciences (NIHS) area

^[2] Excluding Colombo Municipal Council (CMC) area

KEY ACTIVITIES CONDUCTED DURING WEEK 13 AT NATIONAL LEVEL

- Intensive training programme for Medical Registrars on Dengue clinical management was conducted at NIID.