



WEEKLY DENGUE UPDATE

Week 31 (29th July – 4th August 2024)

National Dengue Control Unit, Ministry of Health

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Week
31

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Case reporting in the thirty first week showed a slightly decreasing trend when compared with the previous week. It is very likely that if stringent vector control measures are employed in high risk MOH areas, the case reporting will gradually decline.

DENGUE CASE REPORTING

During 31st week, 932 suspected dengue cases were reported in 26 districts in comparison to 1,028, in 25 districts during the 30th week. There is 9.3% decrease in 31st week, compared to the previous week. Of all reported cases, 57.5% were from Western Province [Colombo Municipal Council – 10.0%, rest of the Colombo District – 26.0%, Gampaha District – 17.8% and Kalutara District – 3.8%]. Kandy [10.2%], Ratnapura [4.4%], Kurunegala [3.9%], Kegalle [3.2%] and Galle [3.2%] 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 31st week, 21 MOH areas were flagged as high-risk. Of them 13 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 13 MOH areas in both 30th and 31st weeks.

Kundasale, Udunuwara, Kolonnawa, Nugegoda, Attanagalla, Ja-Ela and Kelaniya MOH areas were newly flagged as high-risk MOH areas in the 31st week. Yatinuwara, Battaramulla, Boralesgamuwa, Mirigama, Negombo, Mahara, Kaluwanachikudy and Elapatha MOH areas flagged as high-risk in the 30th week were not flagged in the current week.

Table 1: Reported dengue cases in week 31 and 30 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 31	
	30	31	30	31	2023	2024
Colombo	360	321	296	335	12471	7948
Gampaha	357	240	191	166	12443	3619
Kalutara	94	111	62	35	3738	1816
Kandy	287	250	121	95	4342	2765
Matale	42	60	10	15	1019	381
Nuwara Eliya	3	8	5	2	150	120
Galle	99	105	31	30	2055	1481
Hambantota	22	17	9	10	1007	411
Matara	41	34	34	24	1102	535
Jaffna	18	29	12	9	1686	4032
Kilinochchi	Nil	1	Nil	4	70	219
Mannar	3	Nil	7	5	84	160
Vavuniya	4	2	3	2	115	75
Mullaitivu	2	1	1	1	117	127
Batticaloa	33	20	19	19	2150	1162
Ampara	3	3	6	2	159	138
Trincomalee	14	6	6	13	1912	516
Kalmunai*	12	17	12	9	1547	531
Kurunegala	60	45	34	36	2067	1427
Puttalam	35	23	21	16	2920	850
Anuradhapura	7	6	6	8	524	315
Polonnaruwa	8	7	4	8	443	217
Badulla	28	27	15	11	747	497
Monaragala	7	11	8	6	369	479
Ratnapura	73	73	81	41	2364	2062
Kegalle	59	75	34	30	2341	1350
Total	1671	1492	1028	932	57942	33233

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 (21)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported				
	Week 30	Week 31		Week 30	Week 31		Week 30	Week 31		Week 30	Week 31			
WESTERN PROVINCE														
Colombo District														
CMC	90	93	Kaduwela	20	26	Ja-Ela	8	11	Kandy District					
Dehiwala	15	20	Homagama	22	14	Kelaniya	9	22	MC Kandy	21	18			
Gothatuwa	26	27	Ratmalana	23	16	Ragama	14	14	Pasbage	12	12			
Kolonnawa	05	13	Nugegoda	7	12	Wattala	36	30	Kundasale	4	13			
Maharagama	20	18	Moratuwa	9	15	Gampaha	12	15	Udunuwara	9	11			
Gampaha District														
			Biyagama	26	22	CENTRAL PROVINCE								

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 31

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 30	Week 31	Change		Week 30	Week 31	Change		Week 30	Week 31	Change
NHSL	35	34	↓	DGH-Kegalle	5	9	↑	BH- Wathupitiwala	3	4	↑
NIID	28	33	↑	TH-Peradeniya	9	9	-	DGH-Avissawella	6	4	↓
TH-Col-South	31	29	↓	DGH- Gampaha	5	9	↑	DGH-Matale	4	4	-
NH-Kandy	24	21	↓	BH-Kahawatta	4	7	↑	BH-Dambadeniya	1	4	↑
LRH	18	21	↑	DGH- Matara	7	7	-	BH-Nawalapitiya	8	4	↓
TH-Col-North	20	19	↓	BH- Kiribathgoda	9	6	↓	TH- Kalutara	6	4	↓
DGH- Negombo	13	17	↑	PGH-Badulla	5	5	-	BH- Panadura	7	4	↓
TH-Ratnapura	21	12	↓	BH-Balapitiya	3	5	↑				
TH-Karapitiya	8	10	↑	BH-Marawila	3	4	↑				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	14	Case Fatality Rate	0.07%	0.04%

Deaths reported in 2024 [Districts/Admin area] [Provisional]					
District/area	No	District/area	No	District/area	No
Colombo [1]	3	Matara	1	Monaragala	1
Kalutara [2]	2	Jaffna	1	Ratnapura	1
Hambantota	1	Kilinochchi	1	Galle	1
Gampaha	1	Kandy	1		

[1] Excluding Colombo Municipal Council (CMC) area

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

Deaths reported in 2024 [Age & Sex]					
Age Group (Yrs.)	Male	Female	Age Group (Yrs.)	Male	Female
Less than 01	-	-	35 - 44	-	4
01 - 04	-	1	45 - 54	-	-
05 - 14	-	-	55 - 64	-	1
15 - 24	-	3	65 & above	-	1
25 - 34	1	3	Total	1	13

KEY ACTIVITIES CONDUCTED DURING WEEK 31 AT NATIONAL LEVEL

- National Strategic Plan (NSP) for 2024-2030 was drafted with the assistance of an expert from WHO and local resource panels. The target milestones and the road map for dengue prevention and control from 2024-2030, was discussed and agreed upon for future interpretation.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 30th week shows an increase from 342 to 344.

In the 31st week average midnight total of dengue patients in selected 74 hospitals was 330. In 19 hospitals, the average midnight total has increased and in 22 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 31st week are illustrated in Table 3.