



WEEKLY DENGUE UPDATE

Week 30 (22nd – 28th July 2024)

National Dengue Control Unit, Ministry of Health

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Week
30

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

DENGUE CASE REPORTING

During 30th week, 1028 suspected dengue cases were reported in 25 districts in comparison to 966, in 25 districts during the 29th week. There is 6.4% increase in 30th week, compared to the previous week. Of all reported cases, 53.4% were from Western Province [Colombo Municipal Council – 8.9%, rest of the Colombo District – 19.9%, Gampaha District – 18.6% and Kalutara District – 6.0%]. Kandy [11.8%], Ratnapura [7.9%], Kegalle [3.3%], Kurunegala [3.3%], Matara [3.3%] and Galle [3.0%] 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 30th week, 22 MOH areas were flagged as high-risk. Of them 12 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 15 MOH areas in both 29th and 30th weeks.

Yatinuwara, Boralesgamuwa, Moratuwa, Negombo, Elapatha and Kaluwanchikudy MOH areas were newly flagged as high-risk MOH areas in the 30th week. Kolonnawa, Pitakotte, Kahathuduwa, Rathnapura MC, Kuruvita and Kelaniya MOH areas flagged as high-risk in the 29th week were not flagged in the current week.

Table 1: Reported dengue cases in week 30 and 29 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 30	
	29	30	29	30		
Colombo	346	360	328	296	12150	7613
Gampaha	238	357	122	191	12203	3453
Kalutara	95	94	46	62	3627	1781
Kandy	226	287	99	121	4092	2670
Matale	48	42	25	10	959	366
Nuwara Eliya	8	3	2	5	142	118
Galle	90	99	44	31	1950	1451
Hambantota	24	22	8	9	990	401
Matara	40	41	20	34	1068	511
Jaffna	30	18	10	12	1657	4023
Kilinochchi	2	Nil	2	Nil	69	215
Mannar	Nil	3	Nil	7	84	155
Vavuniya	2	4	4	3	113	73
Mullaitivu	2	2	1	1	114	126
Batticaloa	40	33	9	19	2130	1143
Amara	11	3	8	6	156	136
Trincomalee	14	14	13	6	1906	503
Kalmunai*	13	12	10	12	1530	522
Kurunegala	54	60	39	34	2022	1391
Puttalam	33	35	19	21	2897	834
Anuradhapura	15	7	10	6	518	307
Polonnaruwa	8	8	8	4	436	209
Badulla	24	28	6	15	720	486
Monaragala	16	7	14	8	358	473
Ratnapura	94	73	93	81	2291	2021
Kegalle	91	59	26	34	2266	1320
Total	1564	1671	966	1028	56450	32301

Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit)

*Kalmunai 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 (22)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported				
	Week 29	Week 30		Week 29	Week 30		Week 29	Week 30		Week 29	Week 30			
WESTERN PROVINCE														
Colombo District														
CMC	100	91	Homagama	15	21	Mahara	14	14	Yatinuwara	8	11			
Battaramulla	15	13	Ratmalana	25	20	Ragama	15	13	SABARAGAMUWA PROVINCE					
Gothatuwa	13	26	Boralesgamuwa	9	10	Wattala	24	34	Rathnapura District					
Dehiwala	29	17	Moratuwa	7	10	Gampaha	12	12	Elapatha	3	11			
Maharagama	22	19	Gampaha District			CENTRAL PROVINCE			EASTERN PROVINCE					
Kaduwela	16	18	Biyagama	18	27	Kandy District			Batticaloa District					
			Meerigama	7	11	MC Kandy	23	21	Kaluwanchikudy	3	11			
			Negombo	7	11	Pasbage	14	13						

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 30

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 29	Week 30	Change		Week 29	Week 30	Change		Week 29	Week 30	Change
NHSL	37	34	↓	TH-Peradeniya	11	9	↓	DGH-Moneragala	4	5	↑
TH-Col-South	42	31	↓	BH-Nawalapitiya	7	8	↑	DGH- Gampaha	7	5	↓
NIID	21	28	↑	TH-Karapitiya	9	8	↓	BH-Kahawatta	8	4	↓
NH-Kandy	21	24	↑	DGH- Matara	9	7	↓	BH- Mawanella	5	4	↓
TH-Ratnapura	23	21	↓	BH- Panadura	6	7	↑	BH-Kalmunai North	1	4	↑
TH-Col-North	16	20	↑	DGH-Avissawella	4	6	↑	DGH-Matale	4	4	-
LRH	16	18	↑	TH- Kalutara	5	6	↑				
DGH- Negombo	10	13	↑	DGH-Kegalle	5	5	-				
BH- Kiribathgoda	8	9	↑	PGH-Badulla	3	5	↑				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	13	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	-	3
01 - 04	-	1	45 - 54	-	-
05 - 14	-	-	55 - 64	-	1
15 - 24	-	3	65 & above	-	1
25 - 34	1	3	Total	1	12

Deaths reported in 2024 [Districts/Admin area] [Provisional]					
District/area	No	District/area	No	District/area	No
Colombo ^[1]	2	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

KEY ACTIVITIES CONDUCTED DURING WEEK 30 AT NATIONAL LEVEL

- First ever Dengue Clinical Management ToT for clinicians and nurses of the Ministry of Health and Family Welfare, Bangladesh was held successfully from 22nd to 28th July at National Institute of Infectious Diseases (NIID). This was a collaboration of NIID, NDCU and Sri Lanka Medical Association supported by WHO SEARO and Sri Lanka Country Office.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 29th week shows a decrease from 346 to 345.

In the 30th week average midnight total of dengue patients in selected 74 hospitals was 342. In 23 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 30th week are illustrated in Table 3.