



WEEKLY DENGUE UPDATE

Week 29 (15th – 21th July 2024)

National Dengue Control Unit, Ministry of Health

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Week
29

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Further slow down of case reporting was observed during the 29th week. Almost all high endemic districts except for Galle and Ratnapura districts showed lesser case reporting when compared with the previous week. It is very likely that an overall further slowing down of cases country wide can be expected in next few weeks.

DENGUE CASE REPORTING

During 29th week, 966 suspected dengue cases were reported in 25 districts in comparison to 1038, in 23 districts during the 27th week. There is 6.9% decrease in 29th week, compared to the previous week. Of all reported cases, 51.3% were from Western Province [Colombo Municipal Council – 10.4%, rest of the Colombo District – 23.6%, Gampaha District – 12.6% and Kalutara District – 4.8%]. Kandy [10.2%], Ratnapura [9.6%], Galle [4.6%] and Kurunegala [4.0%] 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 29th week, 22 MOH areas were flagged as high-risk. Of them 11 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 19 MOH areas in both 28th and 29th weeks.

Kuruvita, Homagama, Kahathuduwa, Pitakotte and Ragama MOH areas were newly flagged as high-risk MOH areas in the 29th week. Yatinuwara, Rathnapura PS, Nugegoda, Moratuwa, Attanagalla, Seeduwa and Panadura MOH areas flagged as high-risk in the 28th week were not flagged in the current week.

Table 1: Reported dengue cases in week 29 and 28 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 29	
	28	29	28	29	2023	2024
Colombo	353	346	336	328	11790	7317
Gampaha	359	238	171	122	11846	3262
Kalutara	100	95	53	46	3533	1719
Kandy	230	226	124	99	3805	2549
Matale	54	48	18	25	917	356
Nuwara Eliya	11	8	8	2	139	113
Galle	89	90	28	44	1851	1420
Hambantota	22	24	19	8	968	392
Matara	48	40	21	20	1027	477
Jaffna	36	30	12	10	1639	4011
Kilinochchi	Nil	2	Nil	2	69	215
Mannar	1	Nil	8	Nil	81	148
Vavuniya	1	2	1	4	109	70
Mullaitivu	6	2	Nil	1	114	125
Batticaloa	48	40	18	9	2097	1124
Amara	4	11	Nil	8	153	130
Trincomalee	24	14	11	13	1892	497
Kalmunai*	19	13	7	10	1518	510
Kurunegala	50	54	38	39	1962	1357
Puttalam	33	33	21	19	2862	813
Anuradhapura	12	15	11	10	511	301
Polonnaruwa	8	8	11	8	428	205
Badulla	38	24	13	6	692	471
Monaragala	17	16	10	14	351	465
Ratnapura	87	94	67	93	2218	1940
Kegalle	76	91	32	26	2207	1286
Total	1726	1564	1038	966	54779	31273

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

*Amara district is divided into two Regional Directorates of Health Services (RDHS) as Amara & 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 28	Week 29		Week 28	Week 29		Week 28	Week 29		Week 28	Week 29			
WESTERN PROVINCE														
Colombo District														
CMC	104	100	Kaduwela	22	16	Biyagama	26	18	Kandy District					
Battaramulla	12	15	Homagama	8	14	Kelaniya	16	15	MC Kandy	28	22			
Gothatuwa	22	13	Ratmalana	22	25	Mahara	23	13	Pasbage	14	14			
Dehiwala	24	27	Kolonnawa	10	10	Ragama	8	15	SABARAGAMUWA PROVINCE					
Maharagama	15	22	Pitakotte	12	10	Wattala	19	23	Rathnapura District					
			Kahathuduwa	10	10	Gampaha	11	15	Rathnapura MC	11	20			
			Gampaha District			CENTRAL PROVINCE			Kuruvita	4	10			

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 29

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 28	Week 29	Change		Week 28	Week 29	Change		Week 28	Week 29	Change
TH-Col-South	32	42	↑	TH-Karapitiya	13	9	↓	BH-Balangoda	4	5	↑
NHSL	31	37	↑	DGH- Matara	9	9	-	BH-Balapitiya	4	5	↑
TH-Ratnapura	16	23	↑	BH-Kahawatta	6	8	↑	DGH-Kegalle	7	5	↓
NH-Kandy	32	21	↓	BH- Kiribathgoda	8	8	-	DGH-Matale	4	4	-
NIID	29	21	↓	BH-Nawalapitiya	7	7	-	TH-Anuradhapura	4	4	-
LRH	18	16	↓	DGH- Gampaha	5	7	↑	DGH-Moneragala	3	4	↑
TH-Col-North	19	16	↓	BH- Panadura	10	6	↓	DGH-Avissawella	2	4	↑
TH-Peradeniya	12	11	↓	TH- Kalutara	7	5	↓	BH-Marawila	4	4	-
DGH- Negombo	5	10	↑	BH- Mawanella	4	5	↑				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	12	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]	2	Matara	1	Monaragala	1
Kalutara ^[2]	2	Jaffna	1	Ratnapura	1
Hambantota	1	Kilinochchi	1	Galle	1
Gampaha	1				

^[1] Excluding Colombo Municipal Council (CMC) area

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

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 28th week shows an increase from 346 to 351.

In the 29th week average midnight total of dengue patients in selected 74 hospitals was 345. In 23 hospitals, the average midnight total has increased and in 19 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 29th week are illustrated in Table 3.