



WEEKLY DENGUE UPDATE

Week 28 (8th – 14th July 2024)

National Dengue Control Unit, Ministry of Health

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Week
28

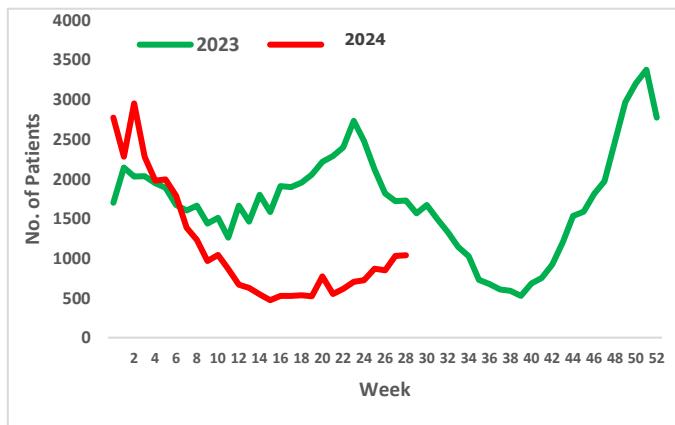
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The increasing trend of case reporting has slowed down to a certain extent during the 28th week. However, further increase of case reporting in coming weeks especially in the Western and Sabaragamuwa provinces, and in Kandy district cannot be excluded.

DENGUE CASE REPORTING

During 28th week, 1038 suspected dengue cases were reported in 23 districts in comparison to 1030, in 24 districts during the 27th week. There is 0.8% increase in 28th week, compared to the previous week. Of all reported cases, 53.9% were from Western Province [Colombo Municipal Council – 10%, rest of the Colombo District – 22.4%, Gampaha District – 16.5% and Kalutara District – 5.1%]. Kandy [11.9%], Ratnapura [6.5%], Kurunegala [3.7%] and Kegalle [3.1%] 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 28th week, 23 MOH areas were flagged as high-risk. Of them 17 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 18 MOH areas in both 27th and 28th weeks.

Pasbage, Yatinuwara, Kolonnawa, Moratuwa, Gampaha and Seeduwa MOH areas were newly flagged as high-risk MOH areas in the 28th week. Egodauyana, Homagama, Piliyandala, Ragama, Beruwala and Kalutara MOH areas flagged as high-risk in the 27th week were not flagged in the current week.

Table 1: Reported dengue cases in week 28 and 27 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 28	
	27	28	27	28	2023	2024
Colombo	390	353	309	336	11444	6989
Gampaha	322	359	149	171	11608	3140
Kalutara	130	100	72	53	3438	1673
Kandy	181	230	98	124	3579	2450
Matale	35	54	18	18	869	331
Nuwara Eliya	3	11	3	8	131	111
Galle	76	89	44	28	1761	1376
Hambantota	33	22	17	19	944	384
Matara	60	48	20	21	987	457
Jaffna	21	36	15	12	1609	4001
Kilinochchi	1	Nil	Nil	Nil	67	213
Mannar	Nil	1	Nil	8	81	148
Vavuniya	Nil	1	2	1	107	66
Mullaitivu	2	6	2	Nil	112	124
Batticaloa	59	48	11	18	2057	1115
Amara	8	4	7	Nil	142	122
Trincomalee	23	24	13	11	1878	484
Kalmunai*	17	19	15	7	1505	500
Kurunegala	50	50	34	38	1908	1318
Puttalam	39	33	17	21	2829	794
Anuradhapura	16	12	13	11	496	291
Polonnaruwa	15	8	5	11	420	197
Badulla	30	38	11	13	668	465
Monaragala	18	17	11	10	335	451
Ratnapura	96	87	121	67	2124	1847
Kegalle	93	76	23	32	2116	1260
Total	1718	1726	1030	1038	53215	30307

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 (23)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported				
	Week 27	Week 28		Week 27	Week 28		Week 27	Week 28		Week 27	Week 28			
WESTERN PROVINCE														
Colombo District														
CMC	95	104	Nugegoda	10	15	Attanagalla	7	17	MC Kandy	40	28			
Battaramulla	20	10	Ratmalana	15	22	Wattala	20	18	Pasbage	10	13			
Gothatuwa	18	22	Kolonnawa	10	10	Gampaha	10	11	Yatinuwara	3	10			
Dehiwala	15	25	Moratuwa	7	10	Seeduwa	7	12	SABARAGAMUWA PROVINCE					
Maharagama	23	16	Gampaha District			Kalutara District- NIHS			Rathnapura District					
Kaduwela	10	17	Biyagama	20	29	Panadura	8	16	Rathnapura MC	11	11			
			Kelaniya	11	15	CENTRAL PROVINCE			Ratnapura PS	13	10			
			Mahara	11	20	Kandy District								

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 28

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 27	Week 28	Change		Week 27	Week 28	Change		Week 27	Week 28	Change
NH-Kandy	29	32	↑	BH- Panadura	6	10	↑	DGH- Embilipitiya	2	5	↑
TH-Col-South	35	32	↓	DGH- Matara	6	9	↑	DGH-Matale	4	4	-
NHSL	39	30	↓	BH- Kiribathgoda	3	8	↑	BH-Balapitiya	3	4	↑
NIID	27	29	↑	BH-Nawalapitiya	3	7	↑	BH- Wathupitiwala	5	4	↓
TH-Col-North	14	19	↑	TH- Kalutara	9	7	↑	BH-Marawila	7	4	↓
TH-Ratnapura	18	16	↓	DGH-Kegalle	3	7	↑	BH-Balangoda	0	4	↑
LRH	15	15	-	BH-Kahawatta	9	6	↑	TH-Anuradhapura	1	4	↑
TH-Karapitiya	12	13	↑	DGH- Gampaha	5	5	-	BH- Mawanella	5	4	↓
TH-Peradeniya	7	12	↑	DGH- Negombo	14	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 [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	-	1
15 - 24	-	3	65 & above	-	1
25 - 34	1	3	Total	1	11

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 27th week shows decrease from 347 to 346.

In the 28th week average midnight total of dengue patients in selected 74 hospitals was 346. In 24 hospitals, the average midnight total has increased and in 25 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 28th week are illustrated in Table 3.

KEY ACTIVITIES CONDUCTED DURING WEEK 28 AT NATIONAL LEVEL

- National Dengue Review for all 26 districts was successfully conducted from 9th to 11th July.
- Continued close monitoring of disease trend at MOH division level is ongoing and intensified.