



WEEKLY DENGUE UPDATE

Week 17 (22nd – 28th April 2024)

National Dengue Control Unit, Ministry of Health

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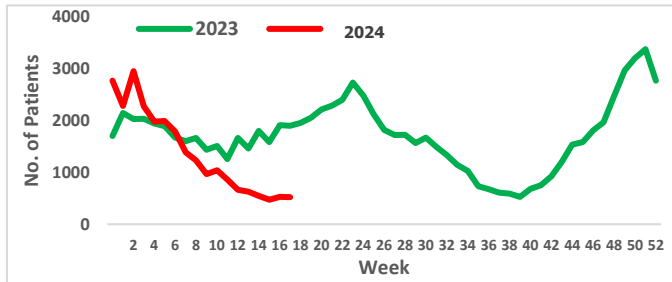
Week
17

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DENGUE CASE REPORTING

During 17th week, 524 suspected dengue cases were reported in 21 districts in comparison to 526, in 22 districts during the 16th week. There is 0.4% decrease in 17th week, compared to the previous week. Of all reported cases, 38.2% were from Western Province [Colombo Municipal Council – 5.3%, rest of the Colombo District – 17.6%, Gampaha District – 8.6% and Kalutara District – 6.7%]. Kandy [13.4%], Ratnapura [8.6%], Jaffna [6.7%], Kegalle [5.5%], Galle [5.2%] 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 17th week, 4 MOH areas were flagged as high-risk. Of them 3 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in CMC and MC Kandy in both 16th and 17th weeks.

Warakapola and Biyagama MOH areas were newly flagged as high-risk area in 17th week. Gothatuwa and Point Pedro MOH areas were flagged as high-risk in 16th week and not flagged for the current week.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 16th week shows a decrease from 197 to 194.

In 17th week average midnight total of dengue patients in selected 74 hospitals was 203. 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 17th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 17 and 16 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 17	
	16	17	16	17	2023	2024
Colombo	329	405	102	120	6173	4754
Gampaha	468	394	55	45	6598	2036
Kalutara	129	130	32	35	1730	1155
Kandy	94	108	67	70	1304	1555
Matale	47	36	8	6	466	226
Nuwara Eliya	2	7	Nil	Nil	48	71
Galle	57	67	26	27	822	1054
Hambantota	50	38	15	14	462	317
Matara	25	19	5	9	488	309
Jaffna	52	60	33	35	1129	3839
Kilinochchi	3	1	Nil	Nil	47	211
Mannar	5	3	9	Nil	55	134
Vavuniya	2	4	Nil	Nil	71	59
Mullaitivu	2	3	Nil	2	58	120
Batticaloa	120	140	10	10	1265	937
Ampara	7	2	2	1	75	90
Trincomalee	116	156	25	6	1172	364
Kalmunai*	31	37	5	11	1208	423
Kurunegala	70	59	6	21	1000	948
Puttalam	63	37	9	9	2283	647
Anuradhapura	14	22	3	Nil	222	234
Polonnaruwa	23	15	5	5	233	140
Badulla	23	20	6	15	403	365
Monaragala	15	17	8	9	163	327
Ratnapura	87	54	52	45	973	917
Kegalle	75	62	43	29	1048	873
Total	1909	1896	526	524	29496	22105

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 (4)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 16	Week 17		Week 16	Week 17		Week 16	Week 17		Week 16	Week 17
WESTERN PROVINCE			Gampaha District			Kandy District			Kegalle District		
Colombo District			Biyagama			MC Kandy			Warakapola		
CMC	30	29		3	13		12	14		9	15
CENTRAL PROVINCE			SABARAGAMUWA PROVINCE								

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 17

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 16	Week 17	Change		Week 16	Week 17	Change		Week 16	Week 17	Change
NH-Kandy	18	18	-	TH-Col-South	9	7	↓	DGH-Mannar	2	5	↑
NHSL	15	15	-	BH-Kahawatta	6	7	↑	DGH-Kegalle	5	4	↓
NIID	14	12	↓	DGH-Avissawella	5	7	↑	BH- Mawanella	4	4	-
BH-Point Pedro	6	9	↑	BH- Warakapola	4	7	↑	BH Muttur	4	4	-
LRH	6	9	↑	TH- Kalutara	4	6	↑	BH- Panadura	4	4	-
TH-Ratnapura	7	8	↑	DGH- Matara	5	6	↑	BH-Nikaweratiya	4	4	-
TH-Karapitiya	7	8	↑	PGH-Badulla	3	5	↑				
TH-Col-North	6	7	↑	TH-Peradeniya	5	5	-				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	09	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	-	2	65 & above	-	1
25 - 34	1	2	Total	1	8

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

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

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

WAY FORWARD

- Continued close monitoring of disease trend at MOH division level is ongoing.
- Comprehensive national dengue programme review with WHO technical and financial support is planned from 13th to 20th May 2024.

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