



WEEKLY DENGUE UPDATE

Week 15 (8th – 14th April 2024)

National Dengue Control Unit, Ministry of Health

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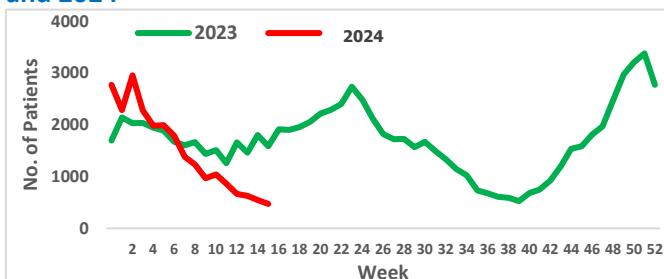
Week
15

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DENGUE CASE REPORTING

During 15th week, 472 suspected dengue cases were reported in 23 districts in comparison to 544, in 24 districts during the 14th week. There is 13.2% decrease in 15th week, compared to the previous week. Of all reported cases, 37.3% were from Western Province [Colombo Municipal Council – 3.4%, rest of the Colombo District – 15.0%, Gampaha District – 12.7% and Kalutara District – 6.1%]. Kandy [11.7%], Ratnapura [8.1%], Jaffna [5.9%], Hambantota [4.4%], Kegalle [4.4%], Galle [4.0%] and Kurunegala [3.8%] 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 15th week, 2 MOH areas were flagged as high-risk. Of them, MC Mandy MOH area showed rising number than it's respective number in previous week. Persistently high number of patients is observed in CMC in both 14th and 15th weeks.

The MC Kandy MOH area was newly flagged as high-risk area in 15th week. Maharagama and Biyagama MOH areas were flagged as high-risk in 14th 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 14th week shows an increase from 189 to 191.

In 15th week average midnight total of dengue patients in selected 74 hospitals was 204. In 19 hospitals, the average midnight total has increased and in 21 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 15th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 15 and 14 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 15 2023	2024
	14	15	14	15		
Colombo	369	333	113	87	5439	4532
Gampaha	408	356	71	60	5736	1936
Kalutara	82	104	54	29	1471	1088
Kandy	108	67	50	55	1102	1418
Matale	33	31	10	10	383	212
Nuwara Eliya	4	2	1	3	39	71
Galle	70	53	25	19	698	1001
Hambantota	53	27	6	21	374	288
Matara	32	18	10	11	444	295
Jaffna	59	56	34	28	1017	3771
Kilinochchi	2	1	7	5	43	211
Mannar	Nil	6	3	Nil	47	125
Vavuniya	3	6	Nil	Nil	65	59
Mullaitivu	2	7	Nil	Nil	53	118
Batticaloa	95	136	19	12	1005	917
Amphara	12	13	1	3	66	87
Trincomalee	136	94	11	6	900	333
Kalmunai*	48	44	4	7	1140	407
Kurunegala	48	39	22	18	871	921
Puttalam	57	50	13	12	2183	629
Anuradhapura	22	8	6	11	186	231
Polonnaruwa	4	17	7	2	195	130
Badulla	19	4	7	5	360	344
Monaragala	3	10	5	9	131	310
Ratnapura	51	53	47	38	832	820
Kegalle	81	49	19	21	911	801
Total	1801	1584	544	472	25691	21055

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 (2)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 14	Week 15		Week 14	Week 15		Week 14	Week 15
WESTERN PROVINCE			CMC	27	16	Kandy District		
Colombo District			CENTRAL PROVINCE			MC Kandy	3	09

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 15

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 14	Week 15	Change		Week 14	Week 15	Change		Week 14	Week 15	Change
NH-Kandy	12	15	↑	DGH-Avissawella	4	7	↑	DGH-Hambantota	1	4	↑
NHSL	12	15	↑	DGH-Kegalle	7	6	↓	BH-Kahawatta	6	4	↓
LRH	10	11	↑	TH-Karapitiya	6	6	-	BH-Nikaweratiya	4	4	-
TH-Ratnapura	9	9	-	NIID	9	5	↓	BH- Mawanella	4	4	-
TH-Col-South	8	9	↑	DGH- Matara	5	5	-	TH-Kurunegala	4	4	-
TH-Col-North	8	9	↑	TH-Peradeniya	2	4	↑				
BH- Beruwala	0	9	↑	BH-Point Pedro	7	7	-				
BH-Point Pedro	7	7	-	TH- Kalutara	5	4	↓				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	08	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	-	1	65 & above	-	1
25 - 34	1	2	Total	1	7

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

^[1] Excluding National Institute of Health Sciences (NIHS) area

^[2] Excluding Colombo Municipal Council (CMC) 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.