



WEEKLY DENGUE UPDATE

Week 51 (16th – 22nd December 2024)

National Dengue Control Unit, Ministry of Health

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Week
51

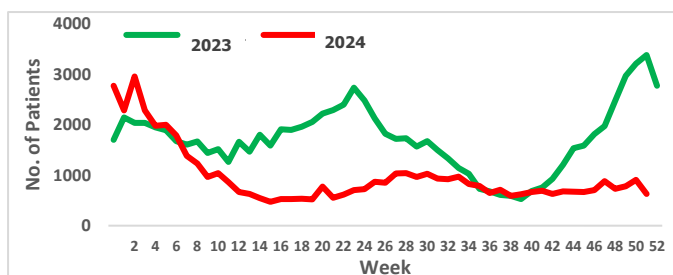
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DENGUE CASE REPORTING

During 51st week, 627 suspected dengue cases were reported in 26 districts in comparison to 906 in 24 districts during the 50th week. There is 30.8% decrease in 51st week, compared to the previous week*. Of all reported cases, 47.8% were from Western Province [Colombo Municipal Council – 14.0%, rest of the Colombo District – 8.6%, Gampaha District – 19.1% and Kalutara District – 6.1%]. Jaffna [9.3%], Kandy [7.0%], Batticaloa [4.6%], Matara [4.1%], Ratnapura [3.7%], and Trincomalee [3.7%] districts also have reported higher number of cases (Table 1).

** Delayed reporting due to a technical issue in the NaDSys is partially responsible for this decrease. Therefore, will not be a reflection of a true decline.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2023 and 2024



Source: DenSys and NaDSys – Dengue Surveillance Systems

HIGH RISK MOH AREAS (Table 2)

During 51st week, 15 MOH areas were flagged as high-risk. Of them 7 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 8 MOH areas in both 50th and 51st weeks.

Point Pedro, Jaffna, Kopay, Mannar, Battaramulla, Kolonnawa, Nugegoda and Biyagama newly flagged as high-risk MOH areas in the 51st week. Homagama, Dehiwala, Rathmalana and Chankanai Walikamam MOH areas flagged as high-risk in the 50th week, were not flagged in the current week.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

** After updated with delayed reporting from hospitals, average midnight total for the 50th week shows an increase from 307 to 309.*

In the 50th week average midnight total of dengue patients in selected 74 hospitals was 309. In 29 hospitals, the average midnight total has increased and in 16 hospitals it has decreased compared to the previous week.

Table 1: Reported dengue cases in week 51 and 50 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 51	
	50	51	50	51	2023	2024
Colombo	478	706	257	142	18357	12084
Gampaha	224	266	138	120	15946	5990
Kalutara	116	122	46	38	5135	2594
Kandy	360	370	63	44	9043	4117
Matale	17	74	24	3	1851	814
Nuwara Eliya	4	19	2	1	294	180
Galle	42	160	50	19	3930	2181
Hambantota	37	28	16	3	1317	609
Matara	8	15	17	26	1649	948
Jaffna	431	687	51	58	3718	4453
Kilinochchi	3	20	2	1	127	245
Mannar	17	21	1	18	186	273
Vavuniya	1	17	Nil	4	164	113
Mullaitivu	4	5	Nil	1	155	142
Batticaloa	109	124	34	29	2832	1501
Ampara	13	6	2	1	238	192
Trincomalee	15	31	14	23	2121	674
Kalmunai*	22	43	13	4	1767	642
Kurunegala	99	134	19	7	3490	1787
Puttalam	136	90	36	18	4008	1254
Anuradhapura	17	41	15	9	744	476
Polonnaruwa	23	12	5	1	611	334
Badulla	130	137	14	15	1760	718
Monaragala	34	23	23	5	679	874
Ratnapura	66	87	48	23	3314	2973
Kegalle	32	137	15	14	3593	1750
Total	2438	3375	906	*627	87029	47918

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.

** Due to a technical issue of the NaDSys, all notifications for 51st week could not be entered, and they will be reflected in the next week (52nd) report.*

Table 2: High risk MOH areas (15)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 50	Week 51		Week 50	Week 51		Week 50	Week 51		Week 50	Week 51
WESTERN PROVINCE			Kolonnawa	9	13	Wattala			Kopay	4	18
Colombo District			Gothatuwa	16	24	Biyagama			Mannar RDHS		
CMC	88	81	Nugegoda	7	12	NORTHERN PROVINCE			Mannar	2	10
Battaramulla	8	11	Gampaha District			Jaffna RDHS					
Kaduwela	15	20	Kelaniya	11	16	Point Pedro					
Maharagama	21	10	Negombo	15	19	Jaffna					
						8					
						8					

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 51

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 50	Week 51	Change		Week 50	Week 51	Change		Week 50	Week 51	Change
NHSL	50	51	↑	NH-Kandy	16	13	↓	BH-Puttalam	4	5	↑
NIID	24	28	↑	DGH-Matale	8	11	↑	PGH-Badulla	3	4	↑
TH-Col-North	18	22	↑	DGH- Matara	8	10	↑	BH-Kahawatta	2	4	↑
DGH- Negombo	17	20	↑	TH- Kalutara	6	7	↑	BH-Valaichchenai	5	4	↓
LRH	16	18	↑	BH- Mawanella	3	6	↑	BH- Panadura	7	4	↓
TH-Col-South	23	16	↓	DGH-Hambantota	4	6	↑	TH-Jaffna	3	4	↑
TH-Karapitiya	12	16	↑	TH-Batticaloa	3	5	↑	BH Muttur	5	4	↓
TH-Ratnapura	12	14	↑	DGH- Gampaha	5	5	-				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	23	Case Fatality Rate	0.07%	0.05%

Deaths reported in 2024 [Age & Sex]					
Age Group (Yrs.)	Male	Female	Age Group (Yrs.)	Male	Female
Less than 01	-	-	35 - 44	-	5
01 - 04	-	2	45 - 54	-	2
05 - 14	2	-	55 - 64	-	1
15 - 24	-	4	65 & above	-	1
25 - 34	1	5	Total	3	20

Deaths reported in 2024 [Districts/Admin area] [Provisional]					
District/area	No	District/area	No	District/area	No
Colombo ^[1]	4	Matara	2	Monaragala	1
Kalutara ^[2]	2	Jaffna	1	Ratnapura	2
Hambantota	2	Kilinochchi	1	Galle	2
Gampaha	4	Kandy	1	Ampara	1

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

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

