



WEEKLY DENGUE UPDATE

Week 52 (23rd – 29th December 2024)

National Dengue Control Unit, Ministry of Health

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Week
52

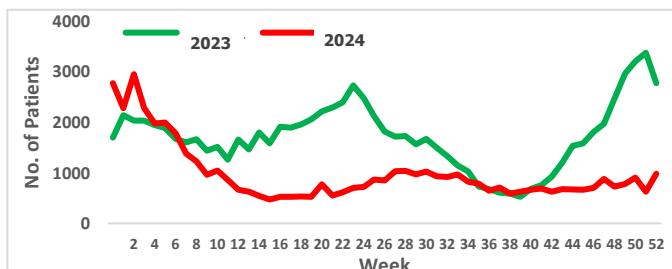
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DENGUE CASE REPORTING

During 52nd week, 979 suspected dengue cases were reported in 25 districts in comparison to 627 in 25 districts during the 51st week. There is 56.1% increase in 52nd week, compared to the previous week*. Of all reported cases, 48.0% were from Western Province [Colombo Municipal Council – 12.6%, rest of the Colombo District – 17.9%, Gampaha District – 14.5% and Kalutara District – 3.1%]. Jaffna [9.2%], Ratnapura [6.7%], Kandy [6.0%], Batticaloa [4.2%], Kegalle [4.1%] and Hambantota [4.0%] 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 increase. Therefore, will not be a reflection of a true rise.

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2023 and 2024



Source: DenSys and NaDSys – Dengue Surveillance Systems

HIGH RISK MOH AREAS (Table 2)

During 52nd week, 25 MOH areas were flagged as high-risk. Of them 14 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 11 MOH areas in both 51st and 52nd weeks.

Mawanella, Rambukkana, Rathnapura MC, Hambantota, Dehiwala, Homagama, Attanagalla, Gampaha, and Ragama newly flagged as high-risk MOH areas in the 52nd week. Kolonnawa, Negombo, Mannar and Point Pedro MOH areas flagged as high-risk in the 51st 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 51st week shows an increase from 309 to 336.

In the 52nd week average midnight total of dengue patients in selected 74 hospitals was 365. In 27 hospitals, the average midnight total has increased and in 16 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 52nd week are illustrated in Table 3.

Table 1: Reported dengue cases in week 52 and 51 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 52	
	51	52	51	52	2023	2024
Colombo	706	554	142	298	18911	12382
Gampaha	266	181	120	142	16127	6132
Kalutara	122	63	38	30	5198	2624
Kandy	370	248	44	59	9291	4176
Matale	74	67	3	26	1918	840
Nuwara Eliya	19	12	1	5	306	185
Galle	160	99	19	12	4029	2193
Hambantota	28	40	3	39	1357	648
Matara	15	17	26	18	1666	966
Jaffna	687	582	58	90	4300	4543
Kilinochchi	20	10	1	3	137	248
Mannar	21	37	18	2	223	275
Vavuniya	17	10	4	Nil	174	113
Mullaitivu	5	16	1	1	171	143
Batticaloa	124	148	29	41	2980	1542
Ampara	6	4	1	1	242	193
Trincomalee	31	29	23	10	2150	684
Kalmunai*	43	46	4	14	1813	656
Kurunegala	134	151	7	16	3641	1803
Puttalam	90	106	18	10	4114	1264
Anuradhapura	41	24	9	10	768	486
Polonnaruwa	12	9	1	10	620	344
Badulla	137	103	15	21	1863	739
Monaragala	23	31	5	15	710	889
Ratnapura	87	73	23	66	3387	3039
Kegalle	137	110	14	40	3703	1790
Total	3375	2770	627	*979	89799	48897

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, some notifications in the 51st week could not be entered, and they were reflected as notifications in this week (52nd).

Table 2: High risk MOH areas (25)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported				
	Week 51	Week 52		Week 51	Week 52		Week 51	Week 52		Week 51	Week 52			
WESTERN PROVINCE														
Colombo District														
CMC	81	123	Kelaniya	16	12	Matale RDHS			Kegalle RDHS					
Battaramulla	11	13	Aththanagalla	5	12	Rattota	1	13	Mawanella	3	12			
Kaduwela	20	20	Wattala	42	28	EASTERN PROVINCE			Rambukkana	1	13			
Maharagama	10	11	Biyagama	16	15	Batticaloa RDHS			Rathnapura RDHS					
Dehiwala	2	12	Gampaha	9	13	Chenkalady	6	11	Rathnapura	4	13			
Gothatuwa	24	17	Ragama	3	13	Eravur	5	11	SOUTHERN PROVINCE					
Nugegoda	12	12	NORTHERN PROVINCE			Oddamavady	3	11	Hambantota RDHS					
Homagama	8	19	Jaffna RDHS			Puttalam RDHS			Hambantota	4	13			
Gampaha District			Jaffna	14	20	Kalpitiya	8	12						
CENTRAL PROVINCE			Kopay	18	14	SABARAGAMUWA PROVICE								

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 52

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 51	Week 52	Change		Week 51	Week 52	Change		Week 51	Week 52	Change
NHSL	51	62	↑	NH-Kandy	13	10	↓	BH- Wathupitiwala	2	5	↑
NIID	28	27	↓	DGH-Matale	11	9	↓	BH- Panadura	4	5	↑
TH-Col-South	16	24	↑	TH- Kalutara	7	8	↑	BH- Kiribathgoda	3	4	↑
LRH	18	19	↑	DGH- Gampaha	5	8	↑	BH- Kahawatta	4	4	-
TH-Col-North	22	15	↓	BH- Mawanella	6	8	↑	BH Muttur	4	4	-
TH-Karapitiya	15	15	-	PGH-Badulla	4	8	↑	BH-Valaichchenai	4	4	-
DGH- Negombo	20	14	↓	TH-Peradeniya	0	7	↑	DGH-Trincomalee	2	4	↑
TH-Ratnapura	14	14	-	DGH-Moneragala	3	6	↑	DGH-Kegalle	1	4	↑
DGH- Matara	10	11	↑	DGH-Hambantota	6	6	-				

Table 4: Dengue related deaths

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

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

