



WEEKLY DENGUE UPDATE

Week 05 (29th January – 4th February 2024)

National Dengue Control Unit, Ministry of Health

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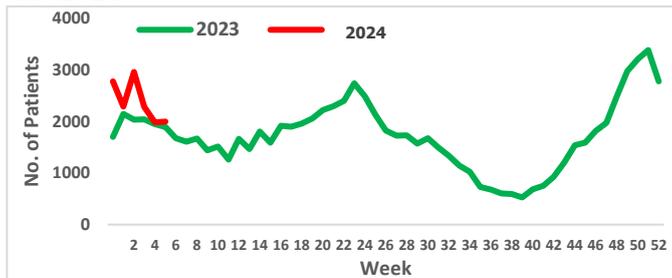
Week
05

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DENGUE CASE REPORTING

During 5th week, 1993 suspected dengue cases were reported in 26 districts in comparison to 1976, in 25 districts during the 4th week. There is 0.9% increase in 5th week, compared to the previous week. Of all reported cases, 34.2% were from Western Province [Colombo Municipal Council – 4.6%, rest of the Colombo District – 17.2 %, Gampaha District – 8.4% and Kalutara District – 4.0%]. Jaffna [23.9%], Kandy [6.0%], Galle [5.9%], Kurunegala [5.0%], Kegalle [4.4%] and Batticaloa [3.4%] 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 5th week, 36 MOH areas were flagged as high-risk. Of them, 13 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 31 MOH areas in both 4th and 5th weeks.

The MOH areas that were newly flagged as high-risk areas in 5th week are Kurunegala, Rathnapura MC, Bope Poddala, Ja-Ela and Wadduwa. The MOH areas that were flagged as high-risk in 4th week and not flagged for the current week are; Gangawatakorale, Kundasale, Eravur, Addalaichchenai, Kalpitiya, Puttalam, Ruwanwella, Mawanella, MC Galle, Egoda Uyana, Gampaha, Minuwangoda and Pugoda.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 4th week shows a decrease from 708 to 701.

In 5th week average midnight total of dengue patients in selected 74 hospitals was 601. In 21 hospitals, the average midnight total has increased and in 40 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 5th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 5 and 4 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 05	
	04	05	04	05	2023	2024
Colombo	426	441	483	434	2146	2453
Gampaha	446	409	117	168	2149	922
Kalutara	128	105	76	79	578	437
Kandy	87	68	168	120	407	810
Matale	26	15	10	14	121	110
Nuwara Eliya	2	1	8	3	10	24
Galle	43	43	145	118	241	547
Hambantota	16	18	26	23	82.00	110
Matara	25	38	39	37	165	124
Jaffna	82	77	511	477	475	2590
Kilinochchi	3	7	27	26	21	126
Mannar	Nil	8	7	11	26	94
Vavuniya	1	1	9	1	9	39
Mullaitivu	Nil	Nil	Nil	8	35	85
Batticaloa	39	53	33	67	208	495
Ampara	Nil	2	3	9	11	33
Trincomalee	43	25	2	18	153	138
Kalmunai*	108	96	26	22	621	207
Kurunegala	80	74	59	100	344	496
Puttalam	190	222	40	33	1236	402
Anuradhapura	14	12	14	11	69	65
Polonnaruwa	18	15	11	7	85	52
Badulla	32	30	13	31	168	253
Monaragala	7	14	19	25	59	139
Ratnapura	54	54	71	64	272	328
Kegalle	74	61	59	87	346	397
Total	1944	1889	1976	1993	10037	11476

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 (36)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 04	Week 05		Week 04	Week 05		Week 04	Week 05		Week 04	Week 05
WESTERN PROVINCE			Kalutara District			Southern Province			Batticaloa District		
Colombo District			Biyagama			Chankanai			Batticaloa		
CMC	131	91	Ja-Ela			Chavakachcheri			Chenkalady		
Battaramulla	23	13	Kelaniya			MC Jaffna					
Dehiwala	30	22	Mahara			Karaveddy					
Gothatuwa	37	17	Wattala			Kopay					
Kaduwela	20	18	Wattala			Nallur					
Kolonnawa	15	16	Panadura			Sandilipay					
Maharagama	25	16	Wadduwa			Tellippalai					
Nugegoda	34	23	Kandy District			Uduvil					
Piliyandala	23	12	Kandy MC								
Pitakotte	12	11	Yatinuwara								
Rathmalana	23	15	NORTHERN PROVINCE			Galle District					
Gampaha District			Jaffna District			Bope Poddala			4		
			Point Pedro			Habaraduwa			22		
			30			39			Eastern Province		

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 05

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 4	Week 5	Change		Week 4	Week 5	Change		Week 4	Week 5	Change
NHSL	64	56	↓	DGH- Gampaha	14	11	↓	BH-Nikaweratiya	4	6	↑
NIID	51	40	↓	DGH-Kegalle	11	10	↓	BH-Balapitiya	8	5	↓
TH-Col-South	38	34	↓	DGH- Matara	7	10	↑	BH-Valaichchenai	5	5	-
TH-Jaffna	38	32	↓	TH-Peradeniya	17	9	↓	TH-Kurunegala	5	5	-
BH-Point Pedro	38	29	↓	BH- Warakapola	12	8	↓	DGH- Horana	5	4	↓
LRH	30	26	↓	TH- Kalutara	10	8	↓	BH-Dambulla	3	4	↑
TH-Ratnapura	23	25	↑	BH-Dambadeniya	8	8	-	BH-Marawila	11	4	↓
TH-Karapitiya	29	24	↓	BH- Mirigama	6	8	↑	DGH-Ampara	4	4	-
DGH- Negombo	13	21	↑	DGH-Matale	10	7	↓	BH-Kamburupitiya	2	4	↑
PGH-Badulla	24	20	↓	DGH-Mannar	8	7	↓	DGH-Trincomalee	8	4	↓
TH-Col-North	23	19	↓	BH- Wathupitiwala	5	7	↑	DGH-Chilaw	3	4	↑
NH-Kandy	27	17	↓	BH- Kiribathgoda	6	7	↑	DGH-Hambantota	3	4	↑
BH- Panadura	18	13	↓	DGH-Avissawella	7	7	-	DGH-Moneragala	5	3	↓
TH-Batticaloa	10	12	↑	DGH- Embilipitiya	5	6	↑				
BH-Puttalam	14	11	↓	BH- Mawanella	5	6	↑				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	04	Case Fatality Rate	0.07%	0.03%

Deaths reported in 2024 [Age & Sex]					
Age Group (Yrs.)	Male	Female	Age Group (Yrs.)	Male	Female
Less than 01	-	-	35 - 49	-	2
01 - 04	-	-	50 - 64	-	-
05 - 19	-	-	65 & above	-	-
20 - 34	1	1	Total	1	3

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

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

KEY ACTIVITIES CONDUCTED DURING WEEK 05 AT NATIONAL LEVEL

A Special Mosquito Control Campaign was conducted from 29th to 31st January 2024, targeting 14 high-risk MOH areas in Colombo RDHS division and 13 high-risk MOH areas in Jaffna district.

OUR LIVES, OUR RESPONSIBILITY

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