



WEEKLY DENGUE UPDATE

Week 04 (22nd – 28th January 2024)

National Dengue Control Unit, Ministry of Health

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Week
04

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DENGUE CASE REPORTING

During 4th week, 1976 suspected dengue cases were reported in 25 districts in comparison to 2277, in 26 districts during the 3rd week. There is 13.2% decrease in 4th week, compared to the previous week. Of all reported cases, 34.2% were from Western Province [Colombo Municipal Council – 10.0%, rest of the Colombo District – 14.4 %, Gampaha District – 5.9% and Kalutara District – 3.8%]. Jaffna [25.9%], Kandy [8.5%], Galle [7.3%], Rathnapura [3.6%], Kurunegala [3.0%] and Kegalle [3.0%] 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 4th week, 44 MOH areas were flagged as high-risk. Of them, 7 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 40 MOH areas in both 3rd and 4th weeks.

The MOH areas that were newly flagged as high-risk areas in 4th week are Minuwangoda, Pugoda, Addalaichchenai and Gangawatakorale. The MOH areas that were flagged as high-risk in 3rd week and not flagged for the current week are; Udunuwara, Watthegama, Harispattuwa, Muttur, Alayadivembu, Kalmunai North, Kurunegala, Alawwa, Kayts, Velanai, Kilinochchi, Warakapola, Homagama, Moratuwa, Attanagalla, Mirigama, Bope Poddala, Hikkaduwa and Badulla.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 3rd week shows a decrease from 784 to 783.

In 4th week average midnight total of dengue patients in selected 74 hospitals was 708. In 16 hospitals, the average midnight total has increased and in 34 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 4th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 4 and 3 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 04	
	03	04	03	04	2023	2024
Colombo	394	426	476	483	1705	2019
Gampaha	437	446	189	117	1740	754
Kalutara	110	128	69	76	473	358
Kandy	66	87	150	168	339	690
Matale	14	26	33	10	106	96
Nuwara Eliya	4	2	3	8	9	21
Galle	47	43	121	145	198	429
Hambantota	24	16	15	26	64.00	87
Matara	41	25	17	39	127	87
Jaffna	85	82	527	511	398	2113
Kilinochchi	4	3	23	27	14	100
Mannar	1	Nil	12	7	18	83
Vavuniya	3	1	6	9	8	38
Mullaitivu	1	Nil	19	Nil	35	77
Batticaloa	52	39	108	33	155	428
Ampara	3	Nil	5	3	9	24
Trincomalee	38	43	34	2	128	120
Kalmunai*	163	108	55	26	525	185
Kurunegala	61	80	104	59	270	396
Puttalam	294	190	99	40	1014	369
Anuradhapura	17	14	10	14	57	54
Polonnaruwa	12	18	10	11	70	45
Badulla	30	32	36	13	138	222
Monaragala	12	7	26	19	45	114
Ratnapura	43	54	41	71	218	264
Kegalle	76	74	91	59	285	310
Total	2032	1944	2277	1976	8148	9483

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 (44)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 03	Week 04		Week 03	Week 04		Week 03	Week 04		Week 03	Week 04
WESTERN PROVINCE			Biyagama	28	18	Jaffna District			Eastern Province		
Colombo District			Gampaha	36	17	Point Pedro	51	28	Batticaloa District		
CMC	169	126	Kelaniya	21	12	Chankanai	27	19	Batticaloa	24	15
Battaramulla	18	18	Mahara	15	11	Chavakachcheri	49	33	Eravur	27	22
Dehiwala	31	25	Minuwangoda	9	12	MC Jaffna	152	71	Chenkalady	12	14
Egoda Uyana	20	18	Pugoda	6	11	Karaveddy	58	43	Kalmunai District		
Gothatuwa	36	33	Wattala	16	10	Kopay	56	19	Addalaichchenai	6	12
Kaduwela	27	14	Kalutara District			Nallur	35	25	NORTHWESTERN PROVINCE		
Kolonnawa	14	13	Panadura	28	21	Sandilipay	49	21	Puttalam District		
Maharagama	22	19	Kandy District			Tellippalai	33	19	Kalpitiya	12	14
Nugegoda	30	25	Gangawatakorale	5	11	Uduvil	34	17	Puttalam	19	15
Piliyandala	21	12	Kandy MC	26	14	Southern Province			SABARAGAMUWA PROVINCE		
Pitakotte	14	11	Yatinuwara	12	22	Galle District			Kegalle District		
Ratmalana	22	18	Kundasale	12	10	Habaraduwa	24	20	Ruwanwella	20	19
Gampaha District			NORTHERN PROVINCE			MC Galle	15	17	Mawanella	11	10

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 04

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 3	Week 4	Change		Week 3	Week 4	Change		Week 3	Week 4	Change
NHSL	64	64	-	BH- Warakapola	14	12	▼	TH-Kurunegala	8	5	▼
NIID	43	51	▲	DGH-Kegalle	15	11	▼	BH- Mawanella	8	5	▼
TH-Jaffna	43	43	-	BH-Marawila	11	11	-	DGH-Ampara	5	5	-
TH-Col-South	44	38	▼	TH-Batticaloa	15	10	▼	DGH-Monaragala	4	5	▲
BH-Point Pedro	44	38	▼	TH- Kalutara	9	10	▲	BH-Valaichchenai	5	5	-
LRH	38	31	▼	DGH-Matale	13	10	▼	DGH- Horana	4	5	▲
TH-Karapitiya	33	29	▼	DGH-Mannar	9	9	-	DGH- Embilipitiya	8	5	▼
NH-Kandy	29	27	▼	BH-Kahawatta	7	9	▲	BH-Gampola	4	5	▲
PGH-Badulla	29	24	▼	DGH-Trincomalee	9	8	▼	BH Muttur	5	5	-
TH-Ratnapura	23	23	-	BH-Dambadeniya	8	8	-	BH-Nikaweratiya	7	4	▼
TH-Col-North	20	23	▲	BH-Balapitiya	7	8	▲	BH-Kalmunai North	6	4	▼
BH- Panadura	15	18	▲	DGH- Matara	9	7	▼	BH-Kalmunai AMH	2	4	▲
TH-Peradeniya	14	17	▲	DGH-Avissawella	9	7	▼				
BH-Puttalam	21	14	▼	BH- Kiribathgoda	13	6	▼				
DGH- Gampaha	16	14	▼	BH- Mirigama	5	6	▲				
DGH- Negombo	19	13	▼	BH- Wathupitiwala	10	5	▼				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	04	Case Fatality Rate	0.07%	0.04%

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 04 AT NATIONAL LEVEL

A review on the current dengue outbreak situation and future plans for the Colombo RDHS area was held at the Ministry of Health under the chairmanship of Secretary and with the participation of Western Provincial Director of Health Services, Colombo Regional Director of Health Services with district team, Medical Officers of Health and SPHIs in Colombo district and the NDCU team.

OUR LIVES, OUR RESPONSIBILITY

National Dengue Control Unit, 555/5, Public Health Complex, Elvitigala Mawatha, Colombo 05
Tel: +94-112368416-7; Fax: +94-11-2369893; E-mail: ndcu2010@yahoo.com