



WEEKLY DENGUE UPDATE

Week 03 (15th – 21st January 2024)

National Dengue Control Unit, Ministry of Health

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Week
03

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DENGUE CASE REPORTING

During 3rd week of 2024, 2277 suspected dengue cases were reported in 26 districts in comparison to 2951, in 26 districts during the 2nd week. There is a 22.8% decrease in 3rd week, compared to the previous week. Of all reported cases, 32.2% were from Western Province [Colombo Municipal Council – 6.1%, rest of the Colombo District – 14.8 %, Gampaha District – 8.3% and Kalutara District – 3.0%]. Jaffna [23.1%], Kandy [6.6%], Galle [5.3%], Batticaloa [4.7%], Kurunegala [4.6%], Puttalam [4.3%] and Kegalle [4.0%] 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 3rd week, 60 MOH areas were flagged as high-risk. Of them, 23 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 52 MOH areas in both 2nd and 3rd weeks.

The MOH areas that were newly flagged as high-risk areas in 3rd week are Alayadivembu, Kalmunai North, Muttur, Alawwa, Kayts, Ruwanwella, Bope Poddala and Hikkaduwa. The MOH areas that were flagged as high-risk in 2nd week and not flagged for the current week are MC Matale, Akkaraipattu, Polgahawela, Chilaw, Mahawewa, Nattandiya, Mullaitivu, Dehiovita, Boralesgamuwa, Minuwangoda and Bandaragama.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 2nd week shows an increase from 862 to 863.

In 3rd week average midnight total of dengue patients in selected 74 hospitals was 784. In 25 hospitals, the average midnight total has increased and in 31 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 3rd week are illustrated in Table 3.

Table 1: Reported dengue cases in week 3 and 2 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		2023	2024
	02	03	02	03		
Colombo	452	394	645	476	1279	1536
Gampaha	417	437	215	189	1294	637
Kalutara	123	110	141	69	345	282
Kandy	86	66	198	150	252	522
Matale	27	14	35	33	80	86
Nuwara Eliya	2	4	3	3	7	13
Galle	65	47	132	121	155	284
Hambantota	14	24	35	15	48	61
Matara	28	41	24	17	102	48
Jaffna	103	85	602	527	316	1602
Kilinochchi	3	4	32	23	11	73
Mannar	17	1	12	12	18	76
Vavuniya	1	3	16	6	7	29
Mullaitivu	2	1	17	19	35	77
Batticaloa	28	52	176	108	116	395
Ampara	3	3	5	5	9	21
Trincomalee	31	38	38	34	85	118
Kalmunai*	107	163	48	55	417	159
Kurunegala	73	61	144	104	190	337
Puttalam	257	294	114	99	824	329
Anuradhapura	13	17	22	10	43	40
Polonnaruwa	13	12	12	10	52	34
Badulla	31	30	76	36	106	209
Monaragala	15	12	31	26	38	95
Ratnapura	55	43	77	41	164	193
Kegalle	64	76	99	91	211	251
Total	2030	2032	2951	2277	6204	7507

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 (60)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 02	Week 03		Week 02	Week 03		Week 02	Week 03		Week 02	Week 03
WESTERN PROVINCE											
Colombo District			Kelaniya	24	19	Point Pedro	48	51	Kalmunai District		
Battaramulla	23	17	Mahara	17	13	Chankanai	26	26	Alayadivembu	9	16
Dehiwala	33	31	Mirigama	22	12	Chavakachcheri	42	47	Kalmunai North	1	11
Egoda Uyana	21	20	Wattala	21	20	MC Jaffna	171	151	NORTHWESTERN PROVINCE		
Gothatuwa	39	36	Kalutara District			Karaveddy	36	58	Kurunegala District		
Homagama	26	18	Panadura	24	27	Kayts	9	16	Kurunegala	28	11
Kaduwela	23	25	Kandy District			Kopay	48	56	Alawwa	9	13
Kolonnawa	26	14	MC Kandy	16	25	Nallur	42	31	Puttalam District		
Maharagama	28	22	Kundasale	16	13	Sandilipay	53	47	Kalpitiya	14	12
Moratuwa	19	19	Udunuwara	12	13	Tellippalai	41	31	Puttalam	18	19
Nugegoda	38	28	Watthegama	14	13	Uduvil	54	32	Uva Province		
Piliyandala	22	21	Harispattuwa	17	20	Velanai	19	21	Badulla District		
Pitakotte	19	17	Yatinuwara	13	11	Kilinochchi District			Badulla	33	22
Ratmalana	35	21	SOUTHERN PROVINCE			Kilinochchi	14	15	SABARAGAMUWA PROVINCE		
Battaramulla	23	17	Bope Poddala	9	12	Eastern Province			Kegalle District		
CMC	188	177	Habaraduwa	24	23	Batticaloa District			Ruwanwella	9	20
Gampaha District			Hikkaduwa	7	13	Batticaloa	23	23	Mawanella	12	11
Attanagalla	12	16	MC Galle	18	18	Eravur	43	27	Warakapola	22	17
Biyagama	24	27	NORTHERN PROVINCE			Chenkalandy	21	13			
Gampaha	24	37	Jaffna District			Trincomalee District					
						Muttur	5	12			

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 03

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 2	Week 3	Change		Week 2	Week 3	Change		Week 2	Week 3	Change
NHSL	67	64	↓	DGH-Matale	18	15	↓	BH-Nikaweratiya	10	7	↓
BH-Point Pedro	43	44	↑	BH- Warakapola	16	14	↓	BH-Kahawatta	5	7	↑
TH-Col-South	51	44	↓	TH-Peradeniya	20	14	↓	BH-Balapitiya	7	6	↓
NIID	50	43	↓	BH- Panadura	18	14	↓	BH-Kalmunai North	4	6	↑
TH-Jaffna	57	43	↓	BH- Kiribathgoda	8	13	↑	BH- Mirigama	6	5	↓
LRH	32	37	↑	BH- Marawila	12	11	↓	DGH-Hambantota	4	5	↑
TH-Karapitiya	31	33	↑	BH- Wathupitiwala	9	10	↑	BH-Dambulla	5	5	-
NH-Kandy	40	29	↓	DGH-Chilaw	10	9	↓	DGH-Ampara	4	5	↑
PGH-Badulla	35	29	↓	DGH-Avissawella	7	9	↑	BH Muttur	5	5	-
TH-Ratnapura	25	23	↓	DGH-Mannar	11	9	↓	DGH-Monaragala	4	4	-
BH-Puttalam	21	21	-	TH- Kalutara	11	9	↓	BH-Gampola	3	4	↑
TH-Col-North	25	20	↓	DGH- Matara	9	9	-	DGH- Horana	5	4	↓
DGH- Negombo	34	19	↓	DGH-Trincomalee	7	9	↑	BH-Tangalle	2	4	↑
DGH- Gampaha	15	16	↑	DGH- Embilipitiya	8	8	-	DGH-Kilinochchi	3	4	↑
TH-Batticaloa	18	15	↓	BH- Mawanella	7	8	↑				
DGH-Kegalle	19	15	↓	TH-Kurunegala	7	8	↑				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	04	Case Fatality Rate	0.07%	0.05%

Deaths reported in 2023 [Age & Sex]					
Age Group (Yrs.)	Male	Female	Age Group (Yrs.)	Male	Female
Less than 01	02	00	35 - 49	08	08
01 - 04	00	03	50 - 64	03	04
05 - 19	04	02	65 & above	02	06
20 - 34	11	09	Total	30	32

Deaths reported in 2023 [Districts/Admin area] [Provisional]					
District/area	No	District/area	No	District/area	No
Colombo ^[1]	8	Matale	1	Trincomalee	3
CMC	4	Galle	2	Kurunegala	4
Gampaha	7	Matara	4	Puttalam	5
Kalutara ^[2]	3	Jaffna	5	Badulla	2
NIHS	1	Kilinochchi	1	Ratnapura	2
Kandy	8	Batticaloa	1	Kegalle	1

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

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

KEY ACTIVITIES CONDUCTED DURING WEEK 03 AT NATIONAL LEVEL

Three-day residential Workshop on Insecticide Resistance Monitoring of *Aedes* Mosquitoes for Entomologists and Health Entomology Officers was held.

The hot-line at the Ministry of Health to receive and take action on complaints in dengue breeding sites and to provide advice on dengue (Hotline: 011 – 7966 366) was continued with the assistance from tri-forces and Sr Lanka Police.

OUR LIVES, OUR RESPONSIBILITY