



WEEKLY DENGUE UPDATE

Week 23 (3rd – 9th June 2024)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



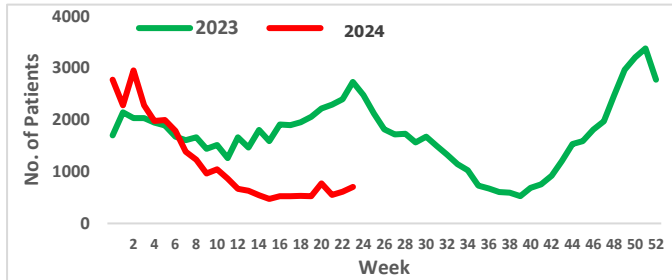
Week
23

Year: 2024 Volume: 04 Issue: 23

DENGUE CASE REPORTING

During 23rd week, 704 suspected dengue cases were reported in 24 districts in comparison to 614, in 22 districts during the 22nd week. There is 12.8% increase in 23rd week, compared to the previous week. Of all reported cases, 46.3% were from Western Province [Colombo Municipal Council – 8.4%, rest of the Colombo District – 19.2%, Gampaha District – 13.8% and Kalutara District – 5.0%]. Ratnapura [12.4%], Kandy [9.8%], Kurunegala [5.5%] and Galle [4.5%] 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 23rd week, 13 MOH areas were flagged as high-risk. Of them 6 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 9 MOH areas in both 22nd and 23rd weeks.

Rathnapura MC, Biyagama and Wattala MOH areas were newly flagged as high-risk MOH areas in the 23rd week. Mawanella, Kaduwela, Maharagama and Gampaha MOH areas flagged as high-risk in the 22nd 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 22nd week shows an increase from 243 to 244.

In the 22nd week average midnight total of dengue patients in selected 74 hospitals was 243. In 20 hospitals, the average midnight total has increased and in 20 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 23rd week are illustrated in Table 3.

Table 1: Reported dengue cases in week 23 and 22 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 23	
	22	23	22	23	2023	2024
Colombo	507	707	165	194	9228	5603
Gampaha	519	582	77	97	9628	2467
Kalutara	193	201	54	35	2746	1371
Kandy	205	261	69	69	2470	1982
Matale	49	39	5	4	677	259
Nuwara Eliya	6	8	4	4	88	84
Galle	73	73	17	32	1308	1205
Hambantota	67	52	0	4	731	335
Matara	56	32	13	6	727	394
Jaffna	50	55	10	23	1428	3920
Kilinochchi	4	1	Nil	Nil	57	213
Mannar	5	4	Nil	2	75	140
Vavuniya	4	7	Nil	3	102	63
Mullaitivu	11	8	Nil	Nil	91	121
Batticaloa	62	81	10	15	1741	1039
Ampara	6	3	2	4	113	107
Trincomalee	83	73	6	10	1676	431
Kalmunai*	24	25	6	9	1387	458
Kurunegala	103	126	25	39	1543	1154
Puttalam	49	46	5	9	2584	706
Anuradhapura	48	38	4	10	392	259
Polonnaruwa	21	28	2	4	356	164
Badulla	15	27	5	6	518	395
Monaragala	13	25	17	13	252	390
Ratnapura	118	136	72	87	1584	1431
Kegalle	105	92	46	25	1633	1108
Total	2396	2730	614	704	43135	25799

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 (13)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 22	Week 23		Week 22	Week 23		Week 22	Week 23		Week 22	Week 23
WESTERN PROVINCE			Kolonnawa	13	10	CENTRAL PROVINCE			Pelmadulla	10	10
Colombo District			Gampaha District			Kandy District			Eheliyagoda	16	13
CMC	51	65	Biyagama	7	15	MC Kandy	18	16	Kiriella	15	12
Ratmalana	11	11	Kelaniya	12	16	SABARAGAMUWA PROVINCE			Kuruvita	11	12
Gothatuwa	15	15	Wattala	5	10	Rathnapura District			Rathnapura	6	10

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 23

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 22	Week 23	Change		Week 22	Week 23	Change		Week 22	Week 23	Change
NHSL	16	31	↑	DGH-Avissawella	6	7	↑	DGH- Matara	6	5	↓
NIID	16	20	↑	BH-Kahawatta	5	6	↑	TH-Peradeniya	4	5	↑
NH-Kandy	17	18	↑	BH- Warakapola	4	6	↑	TH- Kalutara	5	4	↓
TH-Col-South	21	18	↓	TH-Col-North	12	6	↓	DGH- Embilipitiya	4	4	-
TH-Ratnapura	19	17	↓	DGH- Negombo	5	6	↑	BH- Mawanella	10	4	↓
LRH	9	8	↓	BH- Kiribathgoda	6	5	↓	BH-Nikaweratiya	1	4	↑
TH-Karapitiya	8	7	↓	DGH-Kegalle	7	5	↓				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	09	Case Fatality Rate	0.07%	0.04%

Deaths reported in 2024 [Age & Sex]					
Age Group (Yrs.)	Male	Female	Age Group (Yrs.)	Male	Female
Less than 01	-	-	35 - 44	-	2
01 - 04	-	1	45 - 54	-	-
05 - 14	-	-	55 - 64	-	-
15 - 24	-	2	65 & above	-	1
25 - 34	1	2	Total	1	8

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

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

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

KEY ACTIVITIES CONDUCTED DURING WEEK 23 AT NATIONAL LEVEL

- Continued close monitoring of disease trend at MOH division level is ongoing.
- Training programme introducing the R statistical software for surveillance data analysis, modelling and disease forecasting for the technical staff of vector borne disease control programmes was held at the National Dengue Control Unit.