



WEEKLY DENGUE UPDATE

Week 48 (27th November – 03rd December 2023)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



Week
48

Year: 2023 Volume: 03 Issue: 48

DENGUE CASE REPORTING

During 48th week, 2472 suspected dengue cases were reported in 26 districts in comparison to 1969, in 23 districts during the 47th week. There is 25.5% increase in 48th week, compared to the previous week. Of all reported cases, 35.5% were from Western Province [Colombo Municipal Council – 4.1%, rest of the Colombo District – 15.9%, Gampaha District -12.0% and Kalutara District – 3.4%]. Kandy [14.4%], Jaffna [8.4%], Badulla [6.1%], Kurunegala [5.6%], Galle [5.4%], Puttalam [4.9%], Kegalle [4.2%] and Batticaloa [3.6%] districts also have reported higher number of cases (Table 1).

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023



Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit)

HIGH RISK MOH AREAS (Table 2)

During 48th week, 61 MOH areas were flagged as high-risk. Of them, 32 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 47th and 48th weeks.

The MOH areas that were newly flagged as high-risk areas in 48th week are Piliyandala, Homagama, Kaduwela, Kolonnawa, Hanwella, Egoda Uyana, Mahara, Minuwangoda, Gampola, Habaraduwa, Kopay, Point Pedro, Nallur, Sandilipay, Karaveddy, Hali Ela and Batticaloa. The MOH areas that were flagged as high-risk in 47th week and not flagged for the current week are; Boralesgamuwa, Poojapitiya, Akmeemana, Baddegama, Bope (Poddala), Matale, Ukuwela, MC Matale, MC Matara and Godakawela.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

*After updated with delayed reporting from hospitals, average midnight total for the 47th week shows an increase from 844 to 845.

In 48th week Average midnight total of dengue patients in selected 73 hospitals was 949. In 34 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 48th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 47 and 48 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 48	
	Week	47	Week	48	2022	2023
Colombo	238	272	359	495	15998	16363
Gampaha	307	390	253	297	11760	15162
Kalutara	87	57	67	85	5859	4741
Kandy	119	97	334	355	6130	7804
Matale	41	29	118	43	1195	1688
Nuwara Eliya	3	6	11	6	179	226
Galle	44	32	158	133	3608	3491
Hambantota	9	21	11	11	1383	1200
Matara	22	14	56	30	1550	1565
Jaffna	97	112	35	208	2918	2253
Kilinochchi	1	1	3	1	119	86
Mannar	13	11	Nil	15	243	117
Vavuniya	Nil	Nil	Nil	1	84	129
Mullaitivu	Nil	1	Nil	12	25	141
Batticaloa	17	14	45	90	1171	2517
Ampara	7	6	4	5	161	214
Trincomalee	5	24	9	18	1096	2040
Kalmunai*	62	122	7	16	1663	1661
Kurunegala	25	50	113	139	2312	3062
Puttalam	156	187	108	122	3068	3622
Anuradhapura	9	4	9	36	535	656
Polonnaruwa	5	6	1	34	354	552
Badulla	53	54	113	152	1126	1306
Monaragala	4	5	13	29	475	601
Ratnapura	42	40	74	35	3169	3044
Kegalle	40	47	68	104	2743	3246
Total	1406	1602	1969	2472	68924	77487

Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology 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 (61)

MOH Area	Cases reported	
	Week 47	Week 48
WESTERN PROVINCE		
Colombo District		
Dehiwala*	29	61
Piliyandala*	13	18
Homagama*	10	17
Kaduwela*	10	32
Kolonnawa*	9	14
PitaKotte*	15	18
Maharagama*	20	21
MC Colombo*	72	101
Moratuwa	19	17
Nugegoda*	19	36
Hanwella*	4	13
Battaramulla	16	16
Ratmalana	20	20
Egoda Uyana*	5	20
Gothatuwa*	29	39
Gampaha District		
Attanagalla	23	18
Biyagama*	20	35
Gampaha	21	16
Ja-Ela*	16	22
Kelaniya*	16	33
Dompe	26	19
Mahara*	11	20
MC Negombo*	24	27
Minuwangoda*	10	19

MOH areas with rising numbers than previous week*(45)

MOH areas with persistently high number of patients (52)

Newly identified high-risk MOH areas (9)

MOH Area	Cases reported	
	Week 47	Week 48
Mirigama*	16	17
Ragama	14	13
Wattala*	19	24
Seeduwa*	12	18
Kalutara District		
Panadura*	18	28
CENTRAL PROVINCE		
Kandy District		
Gampola*	11	20
Gangawatakorale*	23	26
Harispattuwa	43	30
Kundasale*	40	41
MC Kandy*	55	57
Medadumbara	17	14
Udunuwaru*	15	18
Wattegama*	26	45
Yatinuwara	31	29
Menikhinna*	15	16
SOUTHERN PROVINCE		
Galle District		
Habaraduwa*	11	13
MC Galle	55	54
NORTHERN PROVINCE		
Jaffna District		
Kopay*	6	19
MC Jaffna*	10	37
Point Pedro*	0	11

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 48

Hospital	Average Midnight Total		
	Week 47	Week 48	Chan
NHSL	68	87	↑
NH-Kandy	76	78	↑
NIID	54	66	↑
PGH-Badulla	54	66	↑
TH-Col-South	47	52	↑
TH-Karapitiya	46	45	↓
DGH- Negombo	42	42	-
DGH-Matale	33	41	↑
LRH	28	37	↑
TH-Peradeniya	37	36	↓
TH-Col-North	24	24	-
BH- Panadura	12	23	↑
BH-Puttalam	15	21	↑
TH-Jaffna	15	21	↑
DGH- Matara	18	19	↑

Hospital	Average Midnight Total		
	Week 47	Week 48	Chan
BH-Marawila	24	18	↓
BH- Wathupitiwala	17	16	↓
DGH-Kegalle	13	16	↑
BH- Kiribathgoda	17	15	↓
DGH- Gampaha	14	14	-
TH-Ratnapura	15	14	↓
DGH-Avissawella	9	13	↑
TH-Batticaloa	7	12	↑
TH-Kurunegala	11	11	-
TH- Kalutara	6	10	↑
BH-Gampola	6	10	↑
BH-Balapitiya	8	10	↑
DGH- Embilipitiya	9	8	↓
BH-Kahawatta	6	8	↑
DGH-Hambantota	3	7	↑

Hospital	Average Midnight Total		
	Week 47	Week 48	Chan
BH-Nikaweratiya	5	7	↑
BH-Dambadeniya	4	6	↑
DGH-Chilaw	4	6	↑
BH- Warakapola	11	6	↓
DGH-Polonnaruwa	4	5	↑
BH- Mawanella	9	5	↓
BH- Point Pedro	6	5	↓
BH- Minuwangoda	3	5	↑
BH-Dambulla	3	5	↑
BH- Beruwala	4	4	-
DGH-Ampara	2	4	↑
BH- Mirigama	6	4	↓
BH-Welimada	3	4	↑
BH-Tangalle	7	4	↓

KEY ACTIVITIES CONDUCTED DURING WEEK 48 AT NATIONAL LEVEL

- In view of the outbreaks in Eastern Province, extensive entomological surveys were conducted in high-risk MOH areas, targeting the public institutions and intersectoral actions were strengthened for dengue prevention and sustainable control.

OUR LIVES, OUR RESPONSIBILITY