



# WEEKLY DENGUE UPDATE

Week 49 (04<sup>th</sup> – 10<sup>th</sup> December 2023)

National Dengue Control Unit, Ministry of Health

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Week  
49

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## DENGUE CASE REPORTING

During 49<sup>th</sup> week, 2730 suspected dengue cases were reported in 25 districts in comparison to 2472, in 26 districts during the 48<sup>th</sup> week. There is 10.4% increase in 49<sup>th</sup> week, compared to the previous week. Of all reported cases, 34.7% were from Western Province [Colombo Municipal Council – 3.5%, rest of the Colombo District - 17.8%, Gampaha District - 9.4% and Kalutara District - 4.0%]. Kandy [14.6%], Jaffna [11.2%], Badulla [6.9%], Puttalam [5.7%], Kurunegala [5.1%], Kegalle [4.0%], Galle [3.7%] and Batticaloa [3.1%] 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 49<sup>th</sup> week, 65 MOH areas were flagged as high-risk. Of them, 41 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 59 MOH areas in both 48<sup>th</sup> and 49<sup>th</sup> weeks.

The MOH areas that were newly flagged as high-risk areas in 49<sup>th</sup> week are Bandaragama, Akurana, Poojapitiya, Beliatta, Chavakachcheri, Uduvil, Karaveddy, Kuliyapitiya, Chilaw and Dehiowita. The MOH areas that were flagged as high-risk in 48<sup>th</sup> week and not flagged for the current week are; Pita Kotte, Minuwangoda, Mirigama, Ragama and MC Kurunegala.

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

\*After updated with delayed reporting from hospitals, average midnight total for the 48<sup>th</sup> week shows an increase from 949 to 1011.

In 49<sup>th</sup> week average midnight total of dengue patients in selected 73 hospitals was 1011. In 32 hospitals, the average midnight total has increased and in 26 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 49<sup>th</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 48 and 49 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 49	
	Week	48	Week	49	2022	2023
Colombo	272	328	495	582	16326	16945
Gampaha	390	409	297	257	12169	15419
Kalutara	57	81	85	108	5940	4849
Kandy	97	86	355	399	6216	8203
Matale	29	19	43	10	1214	1698
Nuwara Eliya	6	4	6	16	183	242
Galle	32	39	133	102	3647	3593
Hambantota	21	13	11	31	1396	1231
Matara	14	27	30	13	1577	1578
Jaffna	112	148	208	306	3066	2559
Kilinochchi	1	1	1	4	120	90
Mannar	11	4	15	10	247	127
Vavuniya	Nil	1	1	7	85	136
Mullaitivu	1	3	12	Nil	28	141
Batticaloa	14	24	90	85	1195	2602
Ampara	6	1	5	6	162	220
Trincomalee	24	16	18	27	1112	2067
Kalmunai*	122	159	16	26	1822	1687
Kurunegala	50	50	139	139	2362	3201
Puttalam	187	291	122	155	3359	3777
Anuradhapura	4	14	36	28	549	684
Polonnaruwa	6	10	34	28	364	580
Badulla	54	52	152	189	1178	1495
Monaragala	5	5	29	15	480	616
Ratnapura	40	52	35	77	3221	3121
Kegalle	47	65	104	110	2808	3356
<b>Total</b>	<b>1602</b>	<b>1902</b>	<b>2472</b>	<b>2730</b>	<b>70826</b>	<b>80217</b>

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 (65)**

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 48	Week 49		Week 48	Week 49		Week 48	Week 49
<b>WESTERN PROVINCE</b>			Panadura	28	24	Sandilipay	36	35
Colombo District			CENTRAL PROVINCE			Karaveddy	17	15
Dehiwala	61	61	Kandy District			Eastern Province		
Piliyandala*	18	24	Akurana*	7	13	Batticaloa District		
Homagama*	17	23	Gampola	20	13	Batticaloa*	17	17
Kaduwela*	32	33	Gangawatakorale*	26	35	Eravur*	41	33
Kolonnawa	14	11	Harispattuwa*	30	35	<b>NORTHWESTERN PROVINCE</b>		
Maharagama*	21	38	Kundasale*	41	44	Kurunegala District		
MC Colombo	101	96	MC Kandy	57	56	Kuliyapitiya*	6	14
Moratuwa*	17	41	Medadumbara*	14	21	Kurunegala	21	21
Nugegoda*	36	41	Poojapitiya*	8	17	Puttalam District		
Hanwella*	13	20	Udunuwara	18	15	Chilaw*	10	16
Battaramulla*	16	24	Wattegama	45	35	Kalpitiya	37	31
Ratmalana*	20	30	Yatinuwara*	29	35	Puttalam*	17	26
Egoda Uyana	20	12	Menikhinna*	16	19	Wennappuwa*	17	19
Gothatuwa*	39	49	<b>SOUTHERN PROVINCE</b>			Nattandiya*	16	25
Gampaha District			Galle District			<b>UVA PROVINCE</b>		
Attanagalla	18	18	Habaraduwa*	13	16	Badulla District		
Biyagama	35	32	MC Galle	54	27	Badulla*	102	119
Gampaha*	16	23	Hambantota District			Hali Ela*	12	15
Ja-Ela	22	12	Beliatta*	1	15	<b>SABARAGAMUWA PROVINCE</b>		
Kelaniya	33	33	<b>JAFFNA PROVINCE</b>			Kegalle District		
Dompe*	19	21	Jaffna District			Dehiowita*	10	16
Mahara*	20	21	Chavakachcheri*	8	16	Mawanella	19	19
MC Negombo	27	20	Kopay*	19	29	Ruwanwella	15	12
Wattala	24	17	MC Jaffna*	37	76	Warakapola	18	15
Seeduwa	18	14	Point Pedro*	11	16	Ratnapura District		
Kalutara District			Nallur*	47	68	Eheliyagoda*	10	17
Bandaragama*	7	12	Uduvil*	13	20			

MOH areas with rising numbers than previous week\*(41)

MOH areas with persistently high number of patients (59)

Newly identified high-risk MOH areas (6)

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 49**

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 48	Week 49	Change		Week 48	Week 49	Change		Week 48	Week 49	Change
NH-Kandy	78	91	↑	BH- Panadura	23	17	↓	BH- Mawanella	5	7	↑
NHSL	87	88	↑	BH- Kiribathgoda	15	17	↑	BH-Gampola	10	7	↓
PGH-Badulla	66	83	↑	DGH- Matara	19	16	↓	BH-Valaichchenai	2	6	↑
NIID	66	63	↓	DGH-Avissawella	13	16	↑	BH- Mirigama	4	5	↑
TH-Col-South	52	57	↑	DGH- Embilipitiya	8	14	↑	BH-Nawalapitiya	3	5	↑
DGH- Negombo	42	45	↑	TH-Batticaloa	12	14	↑	DGH-Hambantota	7	5	↓
TH-Peradeniya	36	45	↑	TH- Kalutara	10	13	↑	DGH- Horana	3	5	↑
TH-Karapitiya	45	41	↓	TH- Ratnapura	14	12	↓	BH- Beruwala	4	5	↑
DGH-Matale	36	31	↓	BH- Wathupitiwala	16	11	↓	BH- Balapitiya	9	5	↓
LRH	40	29	↓	BH- Nikaweratiya	7	11	↑	BH- Kamburupitiya	4	4	-
TH-Jaffna	24	27	↑	DGH-Kegalle	16	10	↓	BH-Tissamaharama	2	4	↑
BH-Puttalam	22	25	↑	DGH-Chilaw	6	10	↑	DGH-Ampara	5	4	↓
TH-Col-North	24	22	↓	BH-Dambadeniya	6	9	↑	BH-Kuliyapitiya	2	4	↑
DGH- Gampaha	14	21	↑	TH-Anuradhapura	8	9	↑	BH- Kahawatta	8	4	↓
BH-Point Pedro	23	20	↓	TH-Kurunegala	12	9	↓	BH- Warakapola	9	4	↓
BH-Marawila	18	18	-	BH-Tangalle	4	8	↑	DGH-Polonnaruwa	5	4	↓

#### KEY ACTIVITIES CONDUCTED DURING WEEK 49 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 at the provincial meeting chaired by the Provincial Director of Heath Services, Eastern Province.

#### OUR LIVES, OUR RESPONSIBILITY