



# WEEKLY DENGUE UPDATE

Week 50 (11<sup>th</sup> – 17<sup>th</sup> December 2023)

National Dengue Control Unit, Ministry of Health

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Week  
50

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## DENGUE CASE REPORTING

During 50<sup>th</sup> week, 2438 suspected dengue cases were reported in 26 districts in comparison to 2730, in 25 districts during the 49<sup>th</sup> week. There is 10.7% decrease in 50<sup>th</sup> week, compared to the previous week. Of all reported cases, 33.6% were from Western Province [Colombo Municipal Council – 4.4%, rest of the Colombo District – 15.2%, Gampaha District - 9.2% and Kalutara District - 4.8%]. Jaffna [17.7%], Kandy [14.8%], Puttalam [5.6%], Badulla [5.3%], Batticaloa [4.5%] and Kurunegala [4.1%] 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 50<sup>th</sup> week, 62 MOH areas were flagged as high-risk. Of them, 24 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 54 MOH areas in both 49<sup>th</sup> and 50<sup>th</sup> weeks.

The MOH areas that were newly flagged as high-risk areas in 50<sup>th</sup> week are Minuwangoda, Beruwala (NIHS), Kalutara (NIHS), Wadduwa, Talatuoya, Telippalai, Chankanai, Chenkalady, MC Kurunegala and Godakawela. The MOH areas that were flagged as high-risk in 49<sup>th</sup> week and not flagged for the current week are; Kolonnawa, Ja-Ela, Seeduwa, Bandaragama, Habaraduwa, MC Galle, Nattandiya, Dehiowita, Mawanella, Ruwanwella, Warakapola and Eheliyagoda.

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

\* After updated with delayed reporting from hospitals, average midnight total for the 49<sup>th</sup> week shows a decrease from 1011 to 1010.

In 50<sup>th</sup> week average midnight total of dengue patients in selected 73 hospitals was 969. In 27 hospitals, the average midnight total has increased and in 27 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 50<sup>th</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 49 and 50 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 50	
	Week	Week	49	50	2022	2023
Colombo	328	387	582	478	16713	17423
Gampaha	409	414	257	224	12583	15643
Kalutara	81	115	108	116	6055	4965
Kandy	86	88	399	360	6304	8563
Matale	19	31	10	17	1245	1715
Nuwara Eliya	4	5	16	4	188	246
Galle	39	56	102	42	3703	3635
Hambantota	13	14	31	37	1410	1268
Matara	27	20	13	8	1597	1586
Jaffna	148	145	306	431	3211	2990
Kilinochchi	1	7	4	3	127	93
Mannar	4	20	10	17	267	144
Vavuniya	1	8	7	1	93	137
Mullaitivu	3	1	Nil	4	29	145
Batticaloa	24	15	85	109	1210	2711
Ampara	1	4	6	13	166	233
Trincomalee	16	10	27	15	1122	2082
Kalmunai*	159	214	26	22	2036	1709
Kurunegala	50	77	139	99	2439	3300
Puttalam	291	259	155	136	3618	3913
Anuradhapura	14	6	28	17	555	701
Polonnaruwa	10	9	28	23	373	603
Badulla	52	44	189	130	1222	1625
Monaragala	5	10	15	34	490	650
Ratnapura	52	57	77	66	3278	3187
Kegalle	65	61	110	32	2869	3388
<b>Total</b>	<b>1902</b>	<b>2077</b>	<b>2730</b>	<b>2438</b>	<b>72903</b>	<b>82655</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 (62)**

MOH Area	Cases reported	
	Week 49	Week 50
<b>WESTERN PROVINCE</b>		
Colombo District		
Dehiwala	61	56
Piliyandala	24	19
Homagama	23	16
Kaduwela	33	24
Maharagama	38	36
MC Colombo*	96	107
Moratuwa	41	36
Nugegoda	41	34
Hanwella	20	11
Battaramulla	24	18
Ratmalana	30	13
Egoda Uyana*	12	13
Gothatuwa	49	34
<b>Gampaha District</b>		
Attanagalla*	18	19
Biyagama	32	26
Gampaha	23	30
Kelaniya	33	23
Dompe	21	21
Mahara	21	12
MC Negombo	20	18
Minuwangoda*	9	12
Wattala	17	13
<b>Kalutara District</b>		
Beruwala (NIHS)*	7	13

MOH areas with rising numbers than previous week\*(24)

MOH areas with persistently high number of patients (54)

Newly identified high-risk MOH areas (8)

MOH Area	Cases reported	
	Week 49	Week 50
<b>Kalutara (NIHS)</b>	9	11
Panadura	24	22
Wadduwa	9	11
<b>CENTRAL PROVINCE</b>		
Kandy District		
Akurana	13	11
Gampola*	13	19
Gangawatakorale	35	25
Harispattuwa*	35	36
Kundasale	44	38
MC Kandy	56	42
Medadumbara*	21	35
Poojapitiya	17	12
Talatuoya	9	10
Wattegama	35	28
Yatinuwara	35	29
Menikhinna	19	15
<b>SOUTHERN PROVINCE</b>		
Hambantota District		
Beliatta*	15	15
<b>NORTHERN PROVINCE</b>		
Jaffna District		
Chavakachcheri*	16	26
Kopay*	29	35
MC Jaffna*	76	152
Point Pedro*	16	29
Telippalai*	11	15

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 50**

Hospital	Average Midnight Total		
	Week 49	Week 50	Change
NHSL	86	92	↑
PGH-Badulla	83	73	↓
NH-Kandy	91	68	↓
NIID	63	53	↓
TH-Col-South	57	48	↓
TH-Karapitiya	41	47	↑
TH-Jaffna	27	45	↑
DGH- Negombo	45	39	↓
LRH	29	36	↑
TH-Peradeniya	45	34	↓
DGH-Matale	31	30	↓
TH-Col-North	22	24	↑
BH-Puttalam	25	22	↓
BH- Panadura	17	21	↑
TH-Batticaloa	14	19	↑
BH-Point Pedro	20	19	↓

Hospital	Average Midnight Total		
	Week 49	Week 50	Change
DGH- Gampaha	21	17	↓
BH-Marawila	18	17	↓
TH-Ratnapura	12	16	↑
BH- Kiribathgoda	17	14	↓
DGH-Kegalle	10	14	↑
DGH-Avissawella	16	12	↓
BH- Wathupitiwala	11	12	↑
BH- Nikaweratiya	11	11	-
DGH- Embilipitiya	14	10	↓
BH-Gampola	7	10	↑
BH-Balapitiya	5	10	↑
DGH-Chilaw	10	10	-
DGH-Mannar	4	10	↑
BH-Tangalle	8	9	↑
TH- Kalutara	13	8	↓
TH-Kurunegala	9	8	↓

Hospital	Average Midnight Total		
	Week 49	Week 50	Change
BH-Dambadeniya	9	8	↓
DGH-Hambantota	5	7	↑
BH- Mawanella	7	7	-
DGH-Moneragala	2	6	↑
DGH-Polonnaruwa	4	5	↑
BH-Kahawatta	4	5	↑
BH- Warakapola	4	5	↑
DGH- Horana	5	4	↓
BH- Beruwala	5	4	↓
BH- Kuliyanapitiya	4	4	-
BH- Mirigama	5	4	↓
BH- Nawalapitiya	5	4	↓
BH-Tissamaharama	4	4	-
DGH-Vavuniya	1	4	↑
DGH-Ampara	4	4	-

**KEY ACTIVITIES CONDUCTED DURING WEEK 50 AT NATIONAL LEVEL**

- In view of the outbreaks in Northern 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**