



# WEEKLY DENGUE UPDATE



Week 44 (30<sup>th</sup> October – 5<sup>th</sup> November 2023)

National Dengue Control Unit, Ministry of Health

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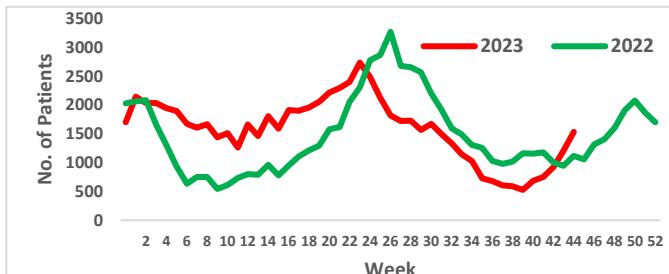
Week  
44

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## DENGUE CASE REPORTING

During 44<sup>th</sup> week, 1532 suspected dengue cases were reported in 24 districts in comparison to 1204, in 24 districts during the 43<sup>rd</sup> week. There is 27.2% increase in 44<sup>th</sup> week, compared to the previous week. Of all reported cases, 39.1% were from Western Province [Colombo Municipal Council - 4.9%, rest of the Colombo District – 15.7%, Gampaha District -13.4% and Kalutara District – 5.1%]. Kandy [17.4%], Galle [7.2%], Kurunegala [5.8%], Kegalle [5.5%], Puttalam [4.9%] and Ratnapura [3.7%] 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 44<sup>th</sup> week, 44 MOH areas were flagged as high-risk. Of them, 35 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 30 MOH areas in both 43<sup>rd</sup> and 44<sup>th</sup> weeks.

The MOH areas that were newly flagged as high-risk areas in 44<sup>th</sup> week are Piliyandala, Moratuwa, Ratmalana, Bandaragama, Kalutara (NIHS), Panadura, Ingiriya, Talatoya, Udunuwara, Puttalam, Wennappuwa, Nattandiya, Dehiowita and Mawanella. The MOH areas that were flagged as high-risk in 43<sup>rd</sup> week and not flagged for the current week are; Homagama, Mahara, Ragama, Seeduwa, Akurana, Medadumbara and Kuliayapitiya .

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

\*After updated with delayed reporting from hospitals, average midnight total for the 43<sup>rd</sup> week shows an increase from 467 to 480.

Average midnight total of dengue patients in selected 73 hospitals was 601 in 44<sup>th</sup> week. In 40 hospitals, the average midnight total has increased and in 15 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 44<sup>th</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 43 and 44 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 44	
	Week	Week	Week	Week	2022	2023
Colombo	143	190	308	315	15127	14716
Gampaha	183	239	197	206	10519	14164
Kalutara	80	48	43	78	5597	4432
Kandy	99	123	197	266	5695	6486
Matale	37	26	57	39	1068	1446
Nuwara Eliya	2	5	6	4	162	183
Galle	40	37	58	111	3446	2937
Hambantota	14	13	6	11	1320	1119
Matara	21	24	14	50	1486	1419
Jaffna	52	65	24	20	2593	1993
Kilinochchi	1	Nil	1	2	113	79
Mannar	6	5	Nil	8	193	96
Vavuniya	1	1	1	Nil	78	126
Mullaitivu	2	Nil	Nil	Nil	23	124
Batticaloa	13	20	19	30	1097	2322
Ampara	1	4	5	6	144	194
Trincomalee	6	17	12	12	1058	1991
Kalmunai*	Nil	33	5	4	1378	1628
Kurunegala	32	26	86	89	2180	2609
Puttalam	60	90	32	75	2542	3188
Anuradhapura	5	12	8	8	506	585
Polonnaruwa	6	5	15	5	332	510
Badulla	39	34	37	37	910	1020
Monaragala	13	10	10	14	445	521
Ratnapura	31	44	25	57	2973	2831
Kegalle	56	43	38	85	2564	2927
<b>Total</b>	<b>943</b>	<b>1114</b>	<b>1204</b>	<b>1532</b>	<b>63549</b>	<b>69646</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 (44)**

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported			
	Week 43	Week 44		Week 43	Week 44		Week 43	Week 44		
<b>WESTERN PROVINCE</b>										
Colombo District										
Dehiwala*	20	21	MC Negombo*	14	16	Matale	23	20		
Piliyandala*	9	15	Wattala*	18	28	MC Matale	11	11		
Kaduwela*	11	18	<b>Kalutara District</b>			<b>SOUTHERN PROVINCE</b>				
PitaKotte*	10	17	Bandaragama*	2	11	Galle District				
Maharagama*	21	22	Kalutara (NIHS)*	4	13	MC Galle*	18	51		
MC Colombo	97	75	Panadura*	7	13	<b>NORTHWESTERN PROVINCE</b>				
Moratuwa*	6	20	Ingiriya*	4	11	Kurunegala District				
Nugegoda	24	16	<b>CENTRAL PROVINCE</b>			Kurunegala	15	11		
Battaramulla*	12	19	Kandy District			Puttalam District				
Ratmalana*	9	14	Gangawatakorale*	20	24	Puttalam*	5	11		
Gothatuwa*	26	29	Harispattuwa*	17	36	Wennappuwa*	5	13		
<b>Gampaha District</b>			Kundasale*	18	40	Nattandiya*	5	25		
Attanagalla*	18	23	MC Kandy*	24	45	<b>UVA PROVINCE</b>				
Biyagama*	15	16	Poojapitiya	11	10	Badulla District				
Gampaha*	10	12	Talatuoya*	4	10	Badulla*	23	26		
Ja-Ela	13	13	Udunuwara*	8	16	<b>SABARAGAMUWA PROVINCE</b>				
Kelaniya*	22	28	Wattegama*	11	18	Kegalle District				
Dome*	24	26	Yatinuwara*	14	15	Dehiowita*	4	14		
Matale District			Menikhinna	11	11	Mawanella*	4	18		
						Warakapola	15	13		

MOH areas with rising numbers than previous week\*(35)

MOH areas with persistently high number of patients (30)

Newly identified high-risk MOH areas (14)

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 44**

Hospital	Average Midnight Total		
	Week 43	Week 44	Change
NH-Kandy	41	66	↑
NIID	35	49	↑
NHSL	43	45	↑
DGH-Matale	28	33	↑
TH-Col-South	34	31	↓
TH-Karapitiya	24	29	↑
TH-Peradeniya	22	26	↑
DGH- Negombo	19	24	↑
PGH-Badulla	17	24	↑
TH-Col-North	19	24	↑
LRH	14	23	↑
BH- Wathupitiwala	16	15	↓

Hospital	Average Midnight Total		
	Week 43	Week 44	Change
BH- Warakapola	11	14	↑
BH-Marawila	4	14	↑
DGH-Kegalle	9	11	↑
DGH-Avissawella	9	10	↑
DGH- Matara	10	10	-
BH- Kiribathgoda	6	9	↑
TH- Kalutara	5	9	↑
BH- Panadura	7	9	↑
TH-Ratnapura	6	8	↑
DGH- Gampaha	11	8	↓
BH-Gampola	3	8	↑
BH-Nikaweratiya	3	7	↑

Hospital	Average Midnight Total		
	Week 43	Week 44	Change
BH-Puttalam	5	7	↑
BH-Balapitiya	6	7	↑
BH- Mawanella	2	7	↑
DGH- Horana	3	6	↑
DGH- Embilipitiya	5	6	↑
TH-Kurunegala	9	6	↓
BH-Point Pedro	6	5	↓
BH-Nawalapitiya	3	5	↑
TH-Jaffna	1	4	↑
BH- Beruwala	3	4	↑
TH-Batticaloa	3	4	↑

#### KEY ACTIVITIES CONDUCTED DURING WEEK 44 AT NATIONAL LEVEL

- The new National Dengue Surveillance System (NaDSys) is being introduced island-wide which is more comprehensive and robust. The present Dengue Sentinel Site Surveillance (DenSyS) will be replaced with the new system; Training of REs, MOOH, ICNOs and PHII has already been completed in Colombo, Gampaha, Kandy, Nuwara Eliya, Matale, Ratnapura, Kegalle, Galle, Anuradhapura, Polonnaruwa, Jaffna, Vavuniya, Mannar, Mullaitivu, Kilinochchi, Badulla, Moneragala, Trincomalee, Ampara and Batticaloa districts.

#### OUR LIVES, OUR RESPONSIBILITY