



# WEEKLY DENGUE UPDATE

19<sup>th</sup> December 2022 – 25<sup>th</sup> December 2022

National Dengue Control Unit, Ministry of Health

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Week

51

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## DENGUE CASE REPORTING

During the week 51, 1866 suspected dengue cases were reported in 25 districts in comparison to 2077 cases in 26 districts during the week 50. There is a 10.2% decrease in week 51, compared to the previous week. Of all reported cases 45.3% were from Western Province [Colombo Municipal Council – 6.3%, Rest of the Colombo District – 13.3%, Gampaha District – 19.8% and Kalutara District – 5.8%]. Puttalam [16.1%], Kalmunai [8.3%], Jaffna [5.4%] and Kandy [5.4%] districts also have reported higher number of cases (Table 1).

## HIGH RISK MOH AREAS

Fifty-one MOH areas were flagged as high-risk areas during week 51. Out of them, 8 MOH areas showed rising number of cases in week 51 compared to the week 50, and another 43 MOH areas show persistently high number of cases in both weeks 51 and 50 (Table 2).

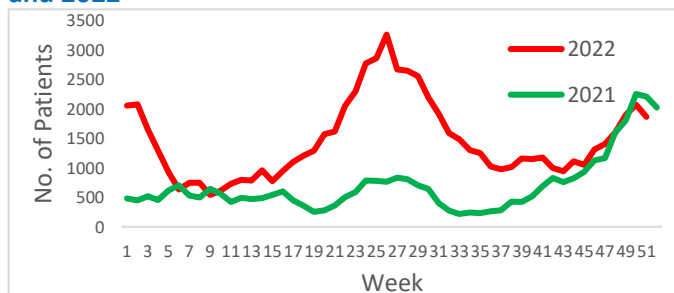
In week 51 high risk levels of Homagama, Kahathuduwa, Ratmalana, Divulapitiya, Elpitiya, Point Pedro, Nallur, Mannar, Kalmunai (South), Sainthamaruthu, Kuliapitiya, Pannala, Mawanella, Warakapola and Eheliyagoda MOH areas have come down while Kolonnawa, Pitakotte, Kundasale, Sandilipay, Anamaduwa, Mundel, Nattandiya and Dehiovita MOH areas were newly identified as high-risk areas.

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 73 hospitals throughout the country was 722 and 686 during the weeks 50 and 51 respectively. In 26 hospitals, the average midnight total has decreased and in 19 hospitals the average mid night total has increased in the week 51 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 51 are displayed in Table 3.

*\*Average midnight total of the 51<sup>st</sup> week shows an increase from 717 to 722 when compared to the previous week's report after updated with delayed reporting from hospitals.*

## WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2021 and 2022



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

**Table 1: Reported dengue cases in week 51 and week 50 of 2022**

District	No. of cases					
	2021		2022		Up to Week 50	
	Week		Week		2021	2022
	50	51	50	51	2021	2022
Colombo	729	715	387	366	11174	17079
Gampaha	558	527	414	370	6277	12953
Kalutara	206	200	115	109	2752	6164
Kandy	78	92	88	101	1457	6405
Matale	11	10	31	27	289	1272
Nuwara Eliya	13	5	5	6	109	194
Galle	42	62	56	26	690	3729
Hambantota	25	17	14	12	459	1422
Matara	14	40	20	30	744	1627
Jaffna	39	33	145	101	159	3312
Kilinochchi	3	5	7	1	25	128
Mannar	95	77	20	Nil	304	267
Vavuniya	1	2	8	2	52	95
Mullaitivu	1	Nil	1	3	2	32
Batticaloa	23	18	15	25	3360	1235
Ampara	7	5	4	3	112	169
Trincomalee	36	19	10	29	290	1151
Kalmunai	8	19	214	154	297	2190
Kurunegala	99	111	77	54	1761	2493
Puttalam	82	89	259	300	705	3918
Anuradhapura	7	11	6	10	366	565
Polonnaruwa	9	7	9	7	124	380
Badulla	57	41	44	37	758	1259
Monaragala	6	9	10	7	196	497
Rathnapura	58	42	57	30	904	3308
Kegalle	48	52	61	56	747	2925
<b>Total</b>	<b>2255</b>	<b>2208</b>	<b>2077</b>	<b>1866</b>	<b>34113</b>	<b>74769</b>

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

■ Districts reporting higher number of cases

**Table 2: High risk MOH areas**

MOH Area	Cases reported	
	Week 50	Week 51
<b>WESTERN PROVINCE</b>		
Colombo District		
Dehiwala	10	24
Piliyandala	22	21
Kaduwela	18	17
Kolonnawa	4	14
Pitakotte	4	13
Maharagama	19	26
MC Colombo	129	118
Moratuwa	26	20
Nugegoda	12	10
Battaramulla	17	13
Gothatuwa	36	23
Gampaha District		
Attanagalla	16	18
Biyagama	21	13
Gampaha	29	36
Ja-Ela	60	36
Katana	32	29
Kelaniya	41	38
Dompe	14	14
Mahara	23	21
MC Negombo	30	43

MOH Area	Cases reported	
	Week 50	Week 51
Minuwangoda	21	26
Mirigama	20	14
Ragama	17	15
Wattala	37	25
Seeduwa	35	31
Kalutara District		
Beruwala (NIHS)	22	13
Kalutara (NIHS)	26	27
Panadura	32	25
Wadduwa	11	11
<b>CENTRAL PROVINCE</b>		
Kandy District		
Kundasale	6	14
MC Kandy	14	12
<b>NORTHERN PROVINCE</b>		
Jaffna District		
Chavakachcheri	13	16
Kopay	21	12
MC Jaffna	48	20
Sandilipay	5	12
<b>EASTERN PROVINCE</b>		
Kalmunai District		
Akkaraipattu	72	66

MOH Area	Cases reported	
	Week 50	Week 51
Sammanthurai	26	24
Alayadivembu	28	16
Addalaichchenai	51	23
<b>NORTH WESTERN PROVINCE</b>		
Puttalam District		
Anamadua	4	15
Chilaw	40	57
Dankotuwa	19	13
Kalpitiya	61	70
Puttalam	36	52
Mundel	8	15
Wennappuwa	36	34
Mahawewa	25	15
Nattandiya	9	11
<b>UVA PROVINCE</b>		
Badulla District		
Badulla	24	19
<b>SABARAGAMUWA PROVINCE</b>		
Kegalle District		
Dehiovita	3	10
Ruwanwella	10	12

**Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 51**

Hospital	Average Midnight Total		
	Week 50	Week 51	Change
DGH- Negombo	90	88	↓
BH-Puttalam	50	53	↑
NHSL	49	46	↓
NIID	44	42	↓
TH-Col-North	38	37	↓
TH-Col-South	45	34	↓
DGH-Chilaw	23	27	↑
BH-Marawila	36	26	↓
PGH-Badulla	26	24	↓
LRH	21	22	↑
TH- Kalutara	15	19	↑
TH-Kandy	15	18	↑
DGH- Gampaha	15	18	↑
BH- Panadura	15	15	-
BH-	12	15	↑

Hospital	Average Midnight Total		
	Week 50	Week 51	Change
Wathupitiwala			
TH-Peradeniya	13	14	↑
BH-Kiribathgoda	12	12	-
TH-Karapitiya	11	11	-
BH-Avissawella	7	9	↑
DGH-Ampara	5	9	↑
TH-Jaffna	16	9	↓
DGH-Kegalle	6	9	↑
BH-Matale	6	8	↑
DGH-Matara	7	8	↑
BH-Kalmunai AMH	14	7	↓
DGH-Trincomalee	4	7	↑
BH- Mirigama	7	6	↓
BH-Dambulla	5	5	-

Hospital	Average Midnight Total		
	Week 50	Week 51	Change
TH-Ratnapura	9	5	↓]
DGH-Embilipitiya	4	5	↓
TH-Batticaloa	2	5	↑
BH- Warakapola	5	5	-
BH-Nikaweratiya	6	4	↓
BH-Gampola	5	4	↓
BH-Dambadeniya	3	4	↑
BH-Minuwangoda	6	4	↓
BH-Balapitiya	4	4	-
BH-Kalmunai North	6	4	↓
BH-Kahawatta	5	4	↓

**KEY ACTIVITIES CONDUCTED DURING WEEK 51**

- Training on clinical management of dengue for Medical Registrars at National Institute of Infectious Diseases.
- Outbreak preparedness meeting with selected high risk MOH areas from Kalmunai district.