



# WEEKLY DENGUE UPDATE

12<sup>th</sup> December 2022 – 18<sup>th</sup> December 2022

National Dengue Control Unit, Ministry of Health



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Week  
**50**

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## DENGUE CASE REPORTING

During the week 50, 2077 suspected dengue cases were reported in 26 districts in comparison to 1902 cases in 26 districts during the week 49. There is an 9.2% increase in week 50, compared to the previous week. Of all reported cases 44.1% were from Western Province [Colombo Municipal Council – 6.2%, Rest of the Colombo District – 12.5%, Gampaha District – 19.9% and Kalutara District – 5.5%]. Puttalam [12.5%], Kalmunai [10.3%], Jaffna [7.0%] and Kandy [4.2%] districts also have reported higher number of cases (Table 1).

## HIGH RISK MOH AREAS

Fifty-eight MOH areas were flagged as high-risk areas during week 50. Out of them, 14 MOH areas showed rising number of cases in week 50 compared to the week 49, and another 43 MOH areas show persistently high number of cases in both weeks 50 and 49 (Table 2).

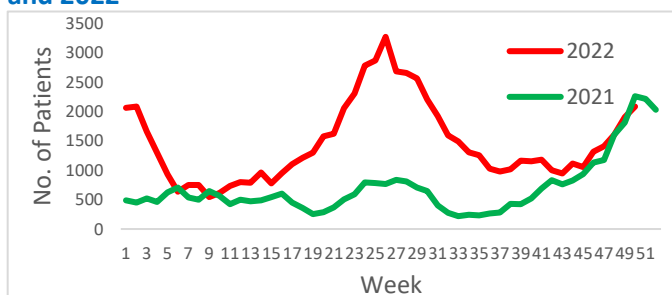
In week 50 high risk levels of Pitakotte, Hanwella, Kundasale, Waththegama, Akuressa, Uduvil, Sandilipay, Karaitivu, Chenkalady, Anamaduwa, Mundal, Nattandiya and Kuruwita MOH areas have come down while Kaduwela, Kahathuduwa, Attanagalla, Divulapitiya, Dompe, Kalutara (NIHS), Wadduwa, Elpitiya, Chavakachcheri, Mannar, Kuliyaipitiya, Pannala, Ruwanwella, Warakapola, Kalmunai (North) and Sainthamaruthu 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 651 and 717 during the weeks 49 and 50 respectively. In 16 hospitals, the average midnight total has decreased and in 39 hospitals the average mid night total has increased in the week 50 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 50 are displayed in Table 3.

*\*Average midnight total of the 49<sup>th</sup> week shows an increase from 646 to 651 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 50 and week 49 of 2022

District	No. of cases					
	2021		2022		Up to Week 50	
	Week		Week		2021	2022
	49	50	49	50		
Colombo	594	729	328	387	10459	16713
Gampaha	398	558	409	414	5750	12583
Kalutara	197	206	81	115	2552	6055
Kandy	65	78	86	88	1365	6304
Matale	10	11	19	31	279	1245
Nuwara Eliya	4	13	4	5	104	188
Galle	34	42	39	56	628	3703
Hambantota	18	25	13	14	442	1410
Matara	23	14	27	20	704	1597
Jaffna	12	39	148	145	126	3211
Kilinochchi	1	3	1	7	20	127
Mannar	62	95	4	20	227	267
Vavuniya	3	1	1	8	50	93
Mullaitivu	Nil	1	3	1	2	29
Batticaloa	19	23	24	15	3342	1210
Ampara	13	7	1	4	107	166
Trincomalee	23	36	16	10	271	1122
Kalmunai	7	8	159	214	278	2036
Kurunegala	92	99	50	77	1650	2439
Puttalam	43	82	291	259	616	3618
Anuradhapura	11	7	14	6	355	555
Polonnaruwa	9	9	10	9	117	373
Badulla	79	57	52	44	717	1222
Monaragala	13	6	5	10	187	490
Rathnapura	41	58	52	57	862	3278
Kegalle	35	48	65	61	695	2869
<b>Total</b>	<b>1806</b>	<b>2255</b>	<b>1902</b>	<b>2077</b>	<b>31905</b>	<b>72903</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 49	Week 50
<b>WESTERN PROVINCE</b>		
<b>Colombo District</b>		
Dehiwala	16	12
Piliyandala	21	22
Homagama	14	12
Kaduwela	8	18
Maharagama	23	19
MC Colombo	96	128
Moratuwa	13	26
Nugegoda	6	12
Kahathuduwa	9	14
Battaramulla	13	17
Ratmalana	21	13
Gothatuwa	17	36
<b>Gampaha District</b>		
Attanagalla	7	20
Biyagama	25	20
Divulapitiya	8	14
Gampaha	31	29
Ja-Ela	69	59
Katana	34	31
Kelaniya	22	41
Dompe	9	14
Mahara	24	22
MC Negombo	45	32
Minuwangoda	31	16
Mirigama	12	17

MOH Area	Cases reported	
	Week 49	Week 50
Ragama	19	22
Wattala	28	34
Seeduwa	38	37
<b>Kalutara District</b>		
Beruwala (NIHS)	24	22
Kalutara (NIHS)	6	26
Panadura	24	32
Wadduwa	7	11
<b>CENTRAL PROVINCE</b>		
<b>Kandy District</b>		
MC Kandy	13	14
<b>SOUTHERN PROVINCE</b>		
<b>Galle District</b>		
Elpitiya	1	13
<b>NORTHERN PROVINCE</b>		
<b>Jaffna District</b>		
Chavakachcheri	8	13
Kopay	16	21
MC Jaffna	45	48
Point Pedro	10	9
Nallur	21	26
<b>Mannar District</b>		
Mannar	4	16
<b>EASTERN PROVINCE</b>		
<b>Kalmunai District</b>		
Akkaraipattu	51	72
Kalmunai (North)	2	10

MOH Area	Cases reported	
	Week 49	Week 50
Sammanthurai	21	26
Alayadivembu	27	28
Addalaichenai	30	51
Sainthamaruthu	6	10
<b>NORTH WESTERN PROVINCE</b>		
<b>Puttalam District</b>		
Chilaw	26	40
Dankotuwa	21	18
Kalpitiya	79	61
Puttalam	43	36
Wennappuwa	51	36
Mahawewa	16	25
<b>Kurunegala District</b>		
Kuliyapitiya	9	13
Pannala	7	10
<b>UVA PROVINCE</b>		
<b>Badulla District</b>		
Badulla	29	24
<b>SABARAGAMUWA PROVINCE</b>		
<b>Kegalle District</b>		
Mawanella	24	10
Ruwanwella	6	10
Warakapola	8	13
<b>Rathnapura District</b>		
Eheliyagoda	16	17

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

Hospital	Average Midnight Total		
	Week 49	Week 50	Change
DGH- Negombo	87	90	↑
BH-Puttalam	45	49	↑
NHSL	44	48	↑
TH-Col. South	38	45	↑
NIID	40	44	↑
TH-Col. North	39	38	↓
BH-Marawila	26	36	↑
PGH-Badulla	23	26	↑
DGH-Chilaw	21	23	↑
LRH	22	21	↓
TH-Jaffna	15	18	↑
DGH- Gampaha	21	15	↓
TH- Kalutara	10	15	↑
BH- Panadura	14	15	↑

Hospital	Average Midnight Total		
	Week 49	Week 50	Change
NH-Kandy	16	15	↓
BH-Kalmunai AMH	11	14	↑
TH-Peradeniya	11	13	↑
BH- Kiribathgoda	11	12	↑
BH- Wathupitiwala	7	12	↑
TH-Karapitiya	11	11	-
TH-Ratnapura	9	9	-
BH- Mirigama	4	7	↑
BH-Point Pedro	6	7	↑
BH- Mawanella	7	7	-
BH-Avissawella	9	7	↓
DGH-Matara	4	7	↑
DGH-Mannar	7	7	-
BH-Nikaweratiya	2	6	↑

Hospital	Average Midnight Total		
	Week 49	Week 50	Change
BH-Kalmunai North	4	6	↑
DGH-Kegalle	7	6	↓
BH- Minuwangoda	4	6	↑
BH-Matale	10	6	↓
BH-Kahawatta	4	5	↑
BH-Gampola	4	5	↑
BH-Dambulla	3	5	↑
BH- Warakapola	4	5	↑
BH-Kuliyapitiya	2	4	↑
DGH-Trincomalee	1	4	↑
DGH- Embilipitiya	1	4	↑
TH-Kurunegala	2	4	↑
BH-Tangalle	5	2	↓

**KEY ACTIVITIES CONDUCTED DURING WEEK 50**

- Training on clinical management of dengue for Medical Registrars at National Institute of Infectious Diseases.
- Scenario based training for grassroot level primary healthcare workers in Polonnaruwa and Anuradhapura districts on Dengue control in multi-hazard scenarios and complex emergencies.