



WEEKLY DENGUE UPDATE

14th October 2022 – 20th November 2022

National Dengue Control Unit, Ministry of Health



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Week
46

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DENGUE CASE REPORTING

During the week 46, 1314 suspected dengue cases were reported in 26 districts in comparison to 1053 cases in 25 districts during the week 45. There is an 24.8% increase in week 46, compared to the previous week. Of all reported cases 43.8% were from Western Province [Colombo Municipal Council – 4.2%, Rest of the Colombo District – 10.2%, Gampaha District – 24.8% and Kalutara District – 4.6%]. Kandy [8.2%], Puttalam [7.5%], Jaffna [5.9%] and Rathnapura [5.3%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Thirty- five MOH areas were flagged as high-risk areas during week 46. Out of them, 19 MOH areas showed rising number of cases in week 46 compared to the week 45, and another 15 MOH areas show persistently high number of cases in both weeks 46 and 45 (Table 2).

In week 46 high risk levels of Maharagama, Beruwala (NIHS), Yatinuwara, Karadeniya, Puttalam and Warakapola MOH areas have come down while Piliyandala, Moratuwa, Gothatuwa, Biyagama, Katana, Mahara, Kalutara (NIHS), Wattegama, MC Matala, Nallur, Karaveddy, Mahawewa, Kuruvita, Dehiovita and Addalaichenai 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 451 and 500 during the weeks 45 and 46 respectively. In 13 hospitals, the average midnight total has decreased and in 23 hospitals the average mid night total has increased in the week 35 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 46 are displayed in Table 3.

**Average midnight total of the 45th week shows a decrease from 454 to 451 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2021 and 2022

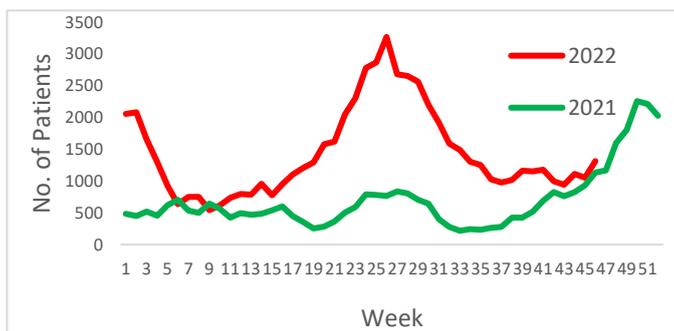


Table 1: Reported dengue cases in week 46 and week 45 of 2022

District	No. of cases					
	2021		2022		Up to Week 46	
	Week		Week		2021	2022
	45	46	45	46		
Colombo	306	336	172	189	8233	15488
Gampaha	219	338	218	326	4078	11063
Kalutara	81	79	57	61	1831	5715
Kandy	54	62	111	108	1106	5914
Matala	5	14	24	33	232	1125
Nuwara Eliya	6	3	4	4	81	170
Galle	31	23	47	39	505	3532
Hambantota	9	8	15	18	374	1353
Matara	22	21	15	13	617	1514
Jaffna	2	1	38	78	48	2709
Kilinochchi	Nil	Nil	2	2	14	117
Mannar	2	6	14	12	35	219
Vavuniya	2	1	2	4	40	84
Mullaitivu	Nil	Nil	Nil	1	1	24
Batticaloa	4	10	20	23	3273	1140
Ampara	Nil	4	2	2	78	148
Trincomalee	19	9	4	5	180	1067
Kalmunai	4	5	40	61	252	1479
Kurunegala	58	73	17	40	1335	2237
Puttalam	11	23	84	99	419	2725
Anuradhapura	11	2	12	4	317	522
Polonnaruwa	2	8	6	5	92	343
Badulla	49	50	51	58	502	1019
Monaragala	1	5	9	12	157	466
Rathnapura	13	26	45	69	717	3087
Kegalle	22	23	44	48	559	2656
Total	933	1130	1053	1314	25076	65916

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 45	Week 46
WESTERN PROVINCE		
Colombo District		
Piliyandala	9	17
Kaduwela	10	12
MC Colombo	51	55
Moratuwa	9	15
Gothatuwa	8	14
Gampaha District		
Attanagalla	13	19
Biyagama	8	15
Gampaha	21	28
Ja-Ela	36	63
Katana	10	26
Kelaniya	12	23
Mahara	9	24
MC Negombo	14	22
Minuwangoda	22	23
Ragama	16	14

MOH Area	Cases reported	
	Week 45	Week 46
Wattala	19	12
Seeduwa	16	33
Kalutara District		
Kalutara (NIHS)	5	12
Panadura	19	19
CENTRAL PROVINCE		
Kandy District		
MC Kandy	17	21
Wattegama	8	10
Matale District		
MC Matale	7	11
NORTHERN PROVINCE		
Jaffna District		
MC Jaffna	10	21
Nallur	4	11
Karaveddy	2	11
Manner District		
Mannar	11	9

MOH Area	Cases reported	
	Week 45	Week 46
EASTERN PROVINCE		
Kalmunai District		
Akkaraipattu	15	20
Addalaichenai	6	16
NORTH WESTERN PROVINCE		
Puttalam District		
Chilaw	13	17
Kalpitiya	15	16
Wennappuwa	22	24
Mahawewa	2	10
UVA PROVINCE		
Badulla District		
Badulla	27	32
SABARAGAMUWA PROVINCE		
Kegalle District		
Dehiovita	8	10
Rathnapura District		
Kuruvita	8	17

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 46

Hospital	Average Midnight Total		
	Week 45	Week 46	Change
DGH- Negombo	55	66	↑
TH- Col-North	29	35	↑
NHSL	30	28	↓
PGH-Badulla	19	24	↑
NIID	22	23	↑
NH-Kandy	24	23	↓
TH- Col-South	21	21	-
DGH- Gampaha	17	20	↑
BH-Marawila	11	19	↑
BH- Panadura	12	17	↑
LRH	14	15	↑

Hospital	Average Midnight Total		
	Week 45	Week 46	Change
TH-Peradeniya	14	15	↑
BH- Kiribathgoda	8	11	↑
DGH-Chilaw	11	11	-
TH-Karapitiya	8	10	↑
TH- Kalutara	8	10	↑
BH-Matale	9	9	-
TH-Rathnapura	10	8	↓
BH-Point Pedro	5	8	↑
BH-Kahawatta	6	8	↑
BH- Mawanella	6	7	↑
DGH-Kegalle	7	7	-

Hospital	Average Midnight Total		
	Week 45	Week 46	Change
DGH-Matara	7	7	-
BH- Wathupitiwala	10	7	↓
TH-Jaffna	5	7	↑
BH- Warakapola	7	6	↓
DGH-Mannar	5	6	↑
BH-Gampola	5	6	↑
TH-Batticaloa	3	4	↑
BH-Welimada	4	4	-
BH-Awissawella	2	4	↑
BH- Mirigama	3	4	↑
DGH- Embilipitiya	3	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 46

- Training on clinical management of dengue for Medical Registrars at National Institute of Infectious Diseases.
- Review on Entomological activities in dengue prevention and control activities of first 3 quarters of 2022.