



WEEKLY DENGUE UPDATE



07th October 2022 – 13th November 2022

National Dengue Control Unit, Ministry of Health

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Week
45

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DENGUE CASE REPORTING

During the week 45, 1053 suspected dengue cases were reported in 25 districts in comparison to 1114 cases in 24 districts during the week 44. There is an 5.5% decrease in week 45, compared to the previous week. Of all reported cases 42.5% were from Western Province [Colombo Municipal Council – 4.8%, Rest of the Colombo District – 11.5%, Gampaha District – 20.7% and Kalutara District – 5.4%]. Kandy [10.5%], Puttalam [8.0%] and Badulla [4.8%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Twenty- five MOH areas were flagged as high-risk areas during week 45. Out of them, 8 MOH areas showed rising number of cases in week 45 compared to the week 44, and another 18 MOH areas show persistently high number of cases in both weeks 45 and 44 (Table 2).

In week 45 high risk levels of Piliyandala, Homagama, Pita Kotte, Gothatuwa, Biyagama, Divulapitiya, Katana, Mahara, Mirigama, Kalutara (NIHS), Harispattuwa, Wattegama, Nallur, Mahawewa and Warakapola MOH areas have come down while Mc Negombo, Panadura, Yatinuwara, Karandeniya, Mannar and Puttalam 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 447 and 454 during the weeks 44 and 45 respectively. In 27 hospitals, the average midnight total has decreased and in 23 hospitals the average mid night total has increased in the week 45 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 45 are displayed in Table 3.

**Average midnight total of the 44th week shows an increase from 442 to 447 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2021 and 2022

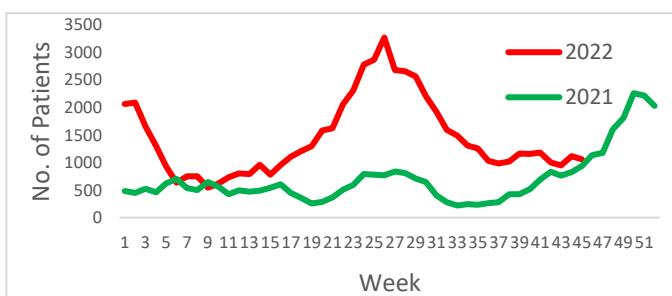


Table 1: Reported dengue cases in week 45 and week 43 of 2022

District	No. of cases					
	2021		2022		Up to Week 45	
	Week	Week	Week	Week	2021	2022
	44	45	44	45		
Colombo	295	306	190	172	7897	15299
Gampaha	188	219	239	218	3740	10737
Kalutara	99	81	48	57	1752	5654
Kandy	37	54	123	111	1044	5806
Matale	6	5	26	24	218	1092
Nuwara Eliya	2	6	5	4	78	166
Galle	20	31	37	47	482	3493
Hambantota	7	9	13	15	366	1335
Matara	7	22	24	15	596	1501
Jaffna	6	2	65	38	47	2631
Kilinochchi	Nil	Nil	Nil	2	14	115
Mannar	Nil	2	5	14	29	207
Vavuniya	Nil	2	1	2	39	80
Mullaitivu	Nil	Nil	Nil	Nil	1	23
Batticaloa	3	4	20	20	3263	1117
Ampara	Nil	Nil	4	2	74	146
Trincomalee	Nil	19	17	4	171	1062
Kalmunai	3	4	33	40	247	1418
Kurunegala	53	58	26	17	1262	2197
Puttalam	11	11	90	84	396	2626
Anuradhapura	6	11	12	12	315	518
Polonnaruwa	3	2	5	6	84	338
Badulla	38	49	34	51	452	961
Monaragala	5	1	10	9	152	454
Rathnapura	21	13	44	45	691	3018
Kegalle	16	22	43	44	536	2608
Total	826	933	1114	1053	23946	64602

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

■ Districts reporting higher number of cases

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

Table 2: High risk MOH areas

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 44	Week 45		Week 44	Week 45		Week 44	Week 45
WESTERN PROVINCE								
Colombo District			Beruwala (NIHS)	13	11	EASTERN PROVINCE		
Kaduwela	10	10	Panadura	4	19	Kalmunai District		
Maharagama	12	14	CENTRAL PROVINCE					
MC Colombo	43	51	Kandy District			Akkaraipattu	13	15
Gampaha District			MC Kandy	24	17	NORTH WESTERN PROVINCE		
Attanagalla	14	14	Yatinuwara	9	11	Puttalam District		
Gampaha	17	20	NORTHERN PROVINCE			Chilaw	13	13
Ja-Ela	27	36	Jaffna District			Kalpitiya	19	15
Kelaniya	22	12	MC Jaffna	18	10	Puttalam	3	10
MC Negombo	7	16	Manner District			Wennappuwa	13	22
Minuwangoda	26	22	Mannar	5	11	UVA PROVINCE		
Ragama	12	16	SOUTHERN PROVINCE			Badulla District		
Wattala	22	19	Galle District			Badulla	17	27
Seeduwa	11	16	Karandeniya	1	8	SABARAGAMUWA PROVINCE		

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 45

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 44	Week 45	Change		Week 44	Week 45	Change		Week 44	Week 45	Change
DGH- Negombo	45	61	↑	BH-Marawila	15	11	↓	BH- Warakapola	7	7	-
NHSL	32	30	↓	BH-Puttalam	10	11	↑	BH- Minuwangoda	5	6	↑
TH- Col-North	29	29	-	TH-Ratnapura	13	10	↓	BH- Kahawatta	3	6	↑
NH-Kandy	28	24	↓	DGH-Chilaw	11	10	↓	BH- Mawanella	4	6	↑
NIID	18	22	↑	BH- Wathupitiwala	7	10	↑	DGH-Mannar	3	6	↑
TH- Col-South	23	21	↓	BH-Matale	10	9	↓	BH- Gampola	4	5	↑
PGH-Badulla	24	19	↓	TH-Karapitiya	11	8	↓	BH- Balapitiya	4	5	↑
DGH- Gampaha	12	17	↑	BH- Kiribathgoda	6	8	↑	TH-Jaffna	6	5	↓
TH- Peradeniya	15	14	↓	TH- Kalutara	8	8	-	BH-Kamburupitiya	4	5	↑
LRH	15	14	↓	TH- Matara	7	7	-	BH-Welimada	1	4	↑
BH- Panadura	6	12	↑	DGH-Kegalle	12	7	↓				

KEY ACTIVITIES CONDUCTED DURING WEEK 45

- Training on clinical management of dengue for Medical Registrars at National Institute of Infectious Diseases.

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