



WEEKLY DENGUE UPDATE



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National Dengue Control Unit, Ministry of Health

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47

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DENGUE CASE REPORTING

During the week 47, 1406 suspected dengue cases were reported in 24 districts in comparison to 1314 cases in 26 districts during the week 46. There is an 7.0% increase in week 47, compared to the previous week. Of all reported cases 45.0% were from Western Province [Colombo Municipal Council – 4.5%, Rest of the Colombo District – 12.4%, Gampaha District – 21.8% and Kalutara District – 6.2%]. Puttalam [11.1%], Kandy [8.5%], Jaffna [6.9%] and Kalmunai [4.4%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Fifty MOH areas were flagged as high-risk areas during week 47. Out of them, 15 MOH areas showed rising number of cases in week 47 compared to the week 46, and another 29 MOH areas show persistently high number of cases in both weeks 47 and 46 (Table 2).

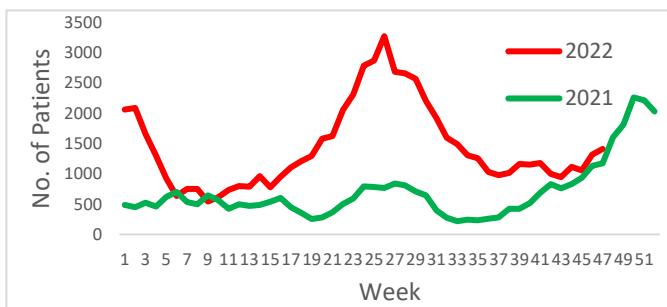
In week 47 high risk levels of Piliyandala and Moratuwa MOH areas have come down while Dehiwala, Maharagama, Nugegoda, Battaramulla, Mirigama, Beruwala (NIHS), Gampola, Gangawatakorale, Naula, Ukuwela, Kopay, Thellippilai, Sandilipay, Kuliyapitiya, Dankotuwa, Puttalam and Alayadivembu MOH areas were 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 517 and 564 during the weeks 46 and 47 respectively. In 19 hospitals, the average midnight total has decreased and in 33 hospitals the average mid night total has increased in the week 47 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 47 are displayed in Table 3.

**Average midnight total of the 46th week shows an increase from 500 to 517 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 47 and week 46 of 2022

District	No. of cases					
	2021		2022		Up to Week 47	
	Week	Week	Week	Week	2021	2022
	46	47	46	47		
Colombo	336	371	189	238	8604	15726
Gampaha	338	299	326	307	4377	11370
Kalutara	79	127	61	87	1958	5802
Kandy	62	50	108	119	1156	6033
Matale	14	10	33	41	242	1166
Nuwara Eliya	3	2	4	3	83	173
Galle	23	28	39	44	533	3576
Hambantota	8	13	18	9	387	1362
Matara	21	26	13	22	643	1536
Jaffna	1	11	78	97	59	2806
Kilinochchi	Nil	Nil	2	1	14	118
Mannar	6	Nil	12	13	35	232
Vavuniya	1	2	4	Nil	42	84
Mullaitivu	Nil	Nil	1	Nil	1	24
Batticaloa	10	10	23	17	3283	1157
Ampara	4	4	2	7	82	155
Trincomalee	9	17	5	5	197	1072
Kalmunai	5	2	61	62	254	1541
Kurunegala	73	57	40	25	1392	2262
Puttalam	23	32	99	156	451	2881
Anuradhapura	2	13	4	9	330	531
Polonnaruwa	8	5	5	5	97	348
Badulla	50	48	58	53	550	1072
Monaragala	5	5	12	4	162	470
Rathnapura	26	15	69	42	732	3129
Kegalle	23	22	48	40	581	2696
Total	1130	1169	1314	1406	26245	67322

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

■ Districts reporting higher number of cases

Table 2: High risk MOH areas

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported			
	Week 46	Week 47		Week 46	Week 47		Week 46	Week 47		
WESTERN PROVINCE										
Colombo District										
Dehiwala	5	12	Beruwala (NIHS)	8	14	Kalmunai District				
Kaduwela	14	17	Kalutara (NIHS)	12	12	Akkaraipattu	20	10		
Maharagama	7	21	Panadura	19	24	Alayadivembu	4	10		
MC Colombo	59	63	CENTRAL PROVINCE							
Nugegoda	6	10	Kandy District			Addalaichchenai	16	15		
Battaramulla	8	11	Gampola	8	15	NORTH WESTERN PROVINCE				
Gothatuwa	14	33	Gangawatakorale	5	11	Puttalam District				
Gampaha District			MC Kandy	21	26	Chilaw	17	16		
Attanagalla	19	13	Waththegama	10	9	Dankotuwa	5	12		
Biyagama	16	21	Matale District			Kalpitiya	16	23		
Gampaha	24	14	Naula	1	8	Puttalam	8	18		
Ja-Ela	69	52	Ukuwela	8	11	Wennappuwa	24	47		
Katana	26	27	MC Matale	11	14	Mahawewa	10	14		
Kelaniya	23	23	NORTHERN PROVINCE			Kurunegala District				
Mahara	25	11	Jaffna District			Kuliyapitiya	7	9		
MC Negombo	22	33	Kopay	4	9	UVA PROVINCE				
Minuwangoda	24	28	MC Jaffna	21	31	Badulla District				
Mirigama	10	10	Thellippilai	7	8	Badulla	32	27		
Ragama	13	11	Nallur	11	8	SABARAGAMUWA PROVINCE				
Wattala	12	19	Sandilipay	7	9	Kegalle District				
Seeduwa	29	30	Karaveddy	11	9	Dehiovita	10	11		
Kalutara District			Manner District			Rathnapura District				
EASTERN PROVINCE			Mannar	9	13	Kuruwita	17	6		

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 47

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 46	Week 47	Change		Week 46	Week 47	Change		Week 46	Week 47	Change
DGH- Negombo	66	61	⬇️	TH- Kalutara	10	12	⬆️	DGH-Kegalle	7	6	⬇️
TH-Col North	34	38	⬆️	TH-Ratnapura	9	11	⬆️	BH- Warakapola	6	6	-
NHSL	29	34	⬆️	BH- Panadura	17	10	⬇️	BH-Avissawella	4	5	⬆️
NIID	23	33	⬆️	TH-Jaffna	7	10	⬆️	BH- Mirigama	4	4	-
TH-Col-South	21	27	⬆️	TH-Karapitiya	10	9	⬇️	BH- Kamburupitiya	3	4	⬆️
NH-Kandy	23	25	⬆️	BH- Kiribathgoda	11	8	⬇️	TH-Batticaloa	4	4	-
BH-Puttalam	14	25	⬆️	BH- Minuwangoda	3	8	⬆️	BH-Kalmunai North	3	4	⬆️
BH-Marawila	19	25	⬆️	BH- Wathupitiwala	8	8	-	BH-Balapitiya	3	4	⬆️
PGH-Badulla	24	24	-	DGH-Matara	7	8	⬆️	DGH- Embilipitiya	4	4	-
TH-Peradeniya	15	20	⬆️	BH-Gampola	6	7	⬆️	BH-Kalmunai AMH	3	4	⬆️
LRH	15	19	⬆️	BH- Mawanella	7	7	-				
DGH- Gampaha	21	15	⬇️	BH- Point Pedro	8	6	⬇️				
BH-Matale	9	14	⬆️	DGH-Mannar	6	6	-				
DGH-Chilaw	9	12	⬆️								

KEY ACTIVITIES CONDUCTED DURING WEEK 47

- 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 Batticaloa and Trincomalee districts on Dengue control in multi-hazard scenarios and complex emergencies