



WEEKLY DENGUE UPDATE

27th March 2023 – 02nd April 2023



National Dengue Control Unit, Ministry of Health

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Week
13

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DENGUE CASE REPORTING

During the week 13, 1461 suspected dengue cases were reported in 26 districts in comparison to 1661 cases in 25 districts during the week 12. There is a 12% decrease in week 13, compared to the previous week. Of all reported cases 43.4% were from Western Province [Colombo Municipal Council – 3.6%, Rest of the Colombo District – 11.6%, Gampaha District – 22.5% and Kalutara District – 5.7%]. Batticaloa [7.0%], Trincomalee [7.0%], Kandy [5.7%], Matale [3.8%] and Jaffna [3.8%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Forty-one MOH areas were flagged as high-risk areas during week 13. Out of them, 10 MOH areas showed a rising number of cases in week 13 compared to the week 12, and another 31 MOH areas showed persistently high number of cases in both weeks 13 and 12 (Table 2).

In week 13, high risk levels of Pitakotte, Nugegoda, Kahathuduwa, Gothatuwa, Wadduwa, Karaveddy, Kuchchavely, Addalaichchenai, Chilaw, Kalpitiya, Eheliyagoda and Mawanella MOH areas have come down while Piliyandala, Homagama, Rathmalana, Mirigama, Kalutara (NIHS), Baddegama, Walasmulla, Telippalai and Kattankudy 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 561 and 543 during the weeks 12 and 13 respectively. In 29 hospitals, the average midnight total has decreased and in 26 hospitals the average mid night total has increased in the week 13 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of dengue admissions in the week 13 are displayed in Table 3.

**Average midnight total of the 12th week shows a decrease from 570 to 561 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023

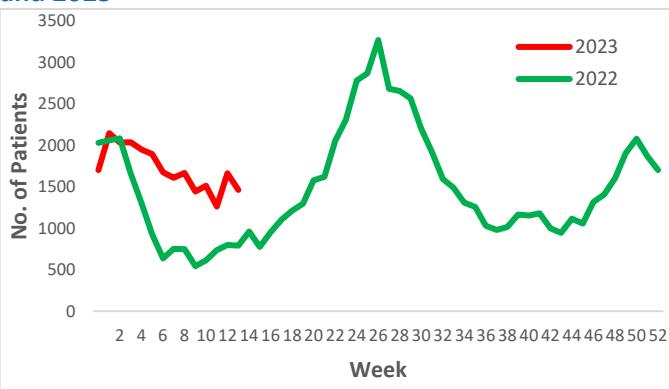


Table 1: Reported dengue cases in week 13 and 12 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 13	
	Week	Week	12	13	2022	2023
Colombo	152	122	359	222	3128	4737
Gampaha	79	67	377	329	2140	4972
Kalutara	87	85	78	83	1200	1285
Kandy	35	39	76	84	605	927
Matale	6	11	32	55	129	319
Nuwara Eliya	1	Nil	4	3	39	33
Galle	81	95	30	54	831	575
Hambantota	5	9	39	53	200	294
Matara	17	21	17	30	256	394
Jaffna	59	58	54	55	749	902
Kilinochchi	1	3	Nil	2	40	40
Mannar	1	1	3	4	129	41
Vavuniya	1	2	1	9	38	56
Mullaitivu	Nil	1	3	1	5	44
Batticaloa	30	37	97	102	306	774
Ampara	2	5	5	4	44	41
Trincomalee	52	35	124	102	367	670
Kalmunai*	19	30	48	43	316	1048
Kurunegala	31	41	54	47	765	784
Puttalam	28	32	105	46	859	2076
Anuradhapura	9	5	9	12	138	156
Polonnaruwa	2	5	12	15	37	174
Badulla	11	7	20	9	265	337
Monaragala	6	9	4	5	107	118
Rathnapura	53	39	52	39	579	728
Kegalle	30	29	58	53	348	781
Total	798	788	1661	1461	13620	22306

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

*Ampara district is divided into two Regional Directorates of Health Services (RDHS) as Ampara & Kalmunai

■ Districts reporting higher number of cases

Table 2: High risk MOH areas

MOH Area	Cases reported	
	Week 12	Week 13
WESTERN PROVINCE		
Colombo District		
Dehiwala	9	10
Piliyandala	6	16
Homagama	9	10
Kaduwela	28	16
Maharagama	30	18
MC Colombo	97	52
Moratuwa	11	12
Battaramulla	23	11
Ratmalana	9	12
Gampaha District		
Attanagalla	17	15
Biyagama	43	15
Divulapitiya	15	14
Gampaha	14	20
Ja-Ela	32	21
Katana	27	22
Kelaniya	29	22
Dompe	10	20
Mahara		
MC Negombo		
Minuwangoda		
Mirigama		
Ragama		
Wattala		
Seeduwa		
Kalutara District		
Bandaragama		
Kalutara (NIHS)		
Panadura		
CENTRAL PROVINCE		
Kandy District		
MC Kandy		
Poojapitiya		
SOUTHERN PROVINCE		
Hambantota District		
Hambantota		
Walasmulla		
Galle District		
Baddegama		
NORTHERN PROVINCE		
Jaffna District		
Telippalai		
EASTERN PROVINCE		
Batticaloa District		
Batticaloa		
Chenkalady		
Kattankudy		
Eravur		
Trincomalee District		
Trincomalee		
Uppuveli		
NORTH WESTERN PROVINCE		
Puttalam District		
Puttalam		
SABARAGAMUWA PROVINCE		
Kegalle District		
Yatiyantota		

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 13

Hospital	Average Midnight Total		
	Week 12	Week 13	Change
DGH- Negombo	57	51	⬇️
NIID	51	37	⬇️
DGH-Trincomalee	28	34	⬆️
NHSL	42	32	⬇️
TH-Col-South	29	30	⬆️
TH-Col-North	33	28	⬇️
TH-Batticaloa	17	22	⬆️
LRH	16	20	⬆️
BH- Panadura	13	19	⬆️
TH-Karapitiya	10	15	⬆️
TH-Kandy	19	15	⬇️
DGH-Kegalle	10	13	⬆️
DGH- Gampaha	10	12	⬆️
BH- Wathupitiwala			
BH- Kiribathgoda			
TH-Ratnapura			
BH-Dambulla			
DGH-Hambantota			
BH-Point Pedro			
BH-Puttalam			
TH-Peradeniya			
TH- Kalutara			
BH-Kalmunai AMH			
PGH-Badulla			
BH-Kamburupitiya			
BH-Valachchenai			
BH- Warakapola			
DGH-Chilaw			
DGH-Polonnaruwa			
BH- Minuwangoda			
DGH-Avissawella			
BH-Kalmunai North			
DGH- Embilipitiya			
DGH-Matale			
DGH Matara			
DGH-Vavuniya			
BH- Mawanella			
TH-Kurunegala			
BH-Marawila			

KEY ACTIVITIES CONDUCTED DURING WEEK 13 of 2023

- Three-day residential workshop on monitoring of insecticide resistance conducted by resource persons from WHO Headquarters for Entomologists and NDCU technical staff.