



WEEKLY DENGUE UPDATE



7th – 13th August 2023

National Dengue Control Unit, Ministry of Health

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Week
32

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DENGUE CASE REPORTING

During 32nd week, 1329 suspected dengue cases were reported in 24 districts in comparison to 1492 cases in 25 districts during 31st week. There is a 10.9% decrease in 32nd week, compared to the previous week. Of all reported cases, 42.8% were from Western Province [Colombo Municipal Council -2.4%, rest of the Colombo District – 16.2%, Gampaha District -17.8% and Kalutara District – 6.4%]. Kandy [19.6%], Galle [7.3%], Ratnapura [5.5%], Kegalle [4.4%] and Kurunegala [3.8%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Forty-three MOH areas were flagged as high-risk areas during 32nd week. Out of them, 13 MOH areas showed a rising number of cases in week 32 compared to 31st week and 29 MOH areas showed persistently high number of cases in both weeks 32 and 31 (Table 2).

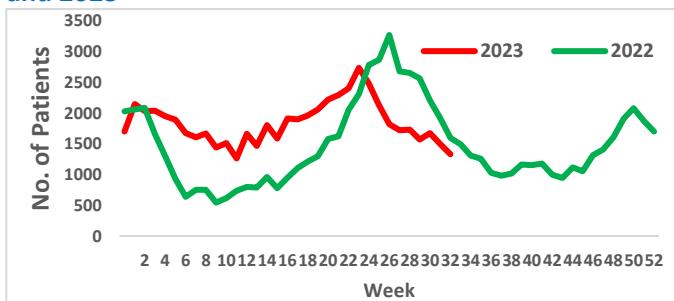
In 32nd week, high risk levels of Dehiwala, Homagama, Pita Kotte, Battaramulla, Attanagalla, Mirigama, Kalutara (NIHS), Poojapitiya, Yatinuwara, Ukuwela, Kalpitiya and Rambukkana MOH areas have come down. Kolonnawa, Dompe, Minuwangoda, Doluwa, Udunuwara, Badulla, Eheliyagoda, Pelmadulla and Ruwanwella MOH areas were newly identified as high-risk areas.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total of the 31st week shows a reduction from 553 to 551.

Average midnight total of dengue patients in selected 73 hospitals throughout the country was 551 and 489 during the 31st and 32nd weeks respectively. In 21 hospitals, the average midnight total has increased and in 30 hospitals the average mid night total has decreased in the 32nd week compared to the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of dengue admissions in the 32nd week are displayed in Table 3.

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023



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

Table 1: Reported dengue cases in week 32 and 31 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 32	
	Week	Week	Week	Week	2022	2023
Colombo	421	313	321	247	12754	12718
Gampaha	423	370	240	237	7496	12680
Kalutara	148	124	111	85	4731	3823
Kandy	207	189	250	260	3995	4602
Matale	29	29	60	39	714	1058
Nuwara Eliya	2	3	8	3	125	153
Galle	103	50	105	97	2913	2152
Hambantota	64	21	17	15	1097	1022
Matara	65	47	34	37	1149	1139
Jaffna	35	25	29	19	2049	1705
Kilinochchi	Nil	1	1	Nil	89	70
Mannar	2	1	Nil	Nil	163	84
Vavuniya	2	1	2	2	64	117
Mullaitivu	1	2	1	2	18	119
Batticaloa	13	17	20	21	939	2171
Ampara	2	3	3	1	126	160
Trincomalee	5	4	6	7	994	1919
Kalmunai*	31	21	17	16	1045	1563
Kurunegala	49	49	45	51	1845	2118
Puttalam	63	50	23	20	1783	2940
Anuradhapura	6	6	6	5	429	529
Polonnaruwa	8	8	7	6	252	449
Badulla	16	20	27	20	658	767
Monaragala	9	8	11	7	331	376
Ratnapura	92	116	73	73	2357	2437
Kegalle	119	112	75	59	1825	2400
Total	1915	1590	1492	1329	49941	59271

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 (43)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported			
	Week 31	Week 32		Week 31	Week 32		Week 31	Week 32		
WESTERN PROVINCE										
Colombo District										
Piliyandala	16	21	MC Negombo*	19	27	Matale District				
Kaduwela	19	16	Minuwangoda*	8	10	Matale	13	14		
Kolonnawa*	4	11	Ragama*	9	13	SOUTHERN PROVINCE				
Maharagama	29	20	Wattala	27	17	Galle District				
MC Colombo	32	32	Seeduwa*	13	21	Ambalangoda	21	21		
Moratuwa	17	11	Kalutara District			Balapitiya*	14	22		
Nugegoda	19	11	Beruwela (NIHS)	37	24	MC Galle	13	14		
Ratmalana	21	16	Panadura	27	23	UVA PROVINCE				
Gothatuwa	45	34	CENTRAL PROVINCE			Badulla District				
Gampaha District			Gampola	33	34	Badulla*	8	11		
Biyagama	20	20	Gangawatakorale*	16	29	SABARAGAMUWA PROVINCE				
Divulapitiya	10	13	Harispattuwa	18	15	Kegalle District				
Gampaha	17	16	Doluwa*	5	13	Mawanella	11	10		
Ja-Ela	27	24	Kundasale*	12	17	Rewanwella*	4	10		
Katana	17	19	Kurunduwatta	14	10	Warakapola	15	10		
Kelaniya	20	17	MC Kandy	56	58	Ratnapura District				
Mahara	27	15	Uduunuwara*	9	12	Eheliyagoda*	7	14		
			Wattegama	17	16	Pelmadulla	9	10		
						MC Ratnapura	13	14		

*MOH areas with a rising trend (13)

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 32

Hospital	Average Midnight Total		
	Week 31	Week 32	Change
NH-Kandy	56	60	↑
DGH- Negombo	46	45	↓
NIID	46	28	↓
TH-Col-South	35	25	↓
NHSL	34	22	↓
BH-Balapitiya	13	22	↑
TH-Col-North	22	22	-
TH-Peradeniya	20	19	↓
TH-Ratnapura	18	18	-
TH-Karapitiya	19	18	↓

Hospital	Average Midnight Total		
	Week 31	Week 32	Change
DGH-Matale	24	18	↓
BH-Gampola	20	16	↓
DGH-Kegalle	14	15	↑
LRH	16	15	↓
BH- Panadura	13	10	↓
DGH-Avissawella	9	10	↑
TH- Kalutara	11	9	↓
DGH- Matara	8	9	↑
PGH-Badulla	10	8	↓
DGH- Gampaha	9	8	↓

Hospital	Average Midnight Total		
	Week 31	Week 32	Change
BH- Kiribathgoda	10	8	↓
BH- Warakapola	10	7	↓
BH-Kahawatta	5	5	-
BH- Mawanella	7	5	↓
BH- Mirigama	4	5	↑
TH-Kurunegala	3	5	↑
BH-Dambadeniya	4	5	↓
BH-Kamburupitiya	4	4	-
BH- Wathupitiwala	5	4	↓

KEY ACTIVITIES CONDUCTED DURING WEEK 32

- Training workshop on "Clinical Management of Dengue fever" held at NIID for Medical Officers and nursing officers in TH Kalutara, BH Beruwala, BH Panadura, NHSL – Colombo, De Soysa Maternity Hospital, Castle Street Hospital for Women, BH Homagama and NIID (7th and 10th August 2023)
- Training workshop on "Management of Dengue Shock– Critical phase management and case discussion" held at NIID for Medical Officers and nursing officers in TH Kalutara, BH Beruwala, BH Panadura, NHSL – Colombo, De Soysa Maternity Hospital, Castle Street Hospital for Women, BH Homagama and NIID (8th and 11th August 2023)