



WEEKLY DENGUE UPDATE

02nd January 2023 – 08th January 2023

National Dengue Control Unit, Ministry of Health



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01

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DENGUE CASE REPORTING

During the week 01 of 2023, 2142 suspected dengue cases were reported in 25 districts in comparison to 1698 cases in 25 districts during the week 52 of 2022. There is a 26.1% increase in week 01 of 2023, compared to the previous week. Of all reported cases 46.0% were from Western Province [Colombo Municipal Council – 5.8%, Rest of the Colombo District – 14.4%, Gampaha District – 20.5% and Kalutara District – 5.2%]. Puttalam [12.7%], Kalmunai [6.9%], Jaffna [6.0%] and Kandy [4.7%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Sixty- three MOH areas were flagged as high-risk areas during week 01 of 2023. Out of them, 24 MOH areas showed rising number of cases in week 01 of 2023 compared to the week 52 of 2022, and another 33 MOH areas show persistently high number of cases in both weeks 01 and 52 (Table 2).

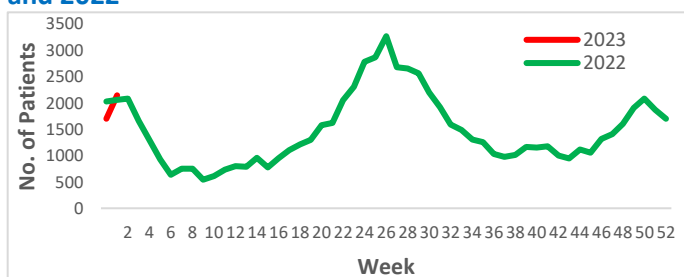
In week 01 of 2023 high risk levels of Point Pedro, Uppuveli and Kuruwita MOH areas have come down while Homagama, Boralesgamuwa, Hanwell, Rathmalana, Divulapitiya, Dompe, Mirigama, Bandaragama, MC Kandy, Waththegama, Yatinuwara, Kayts, Sandilipay, Mullaitivu, Batticaloa, Chenkalady, Anamaduwa, Dankotuwa, Mundel, Mahawewa, Dehiovita, MOH areas were newly identified as high-risk areas.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 75 hospitals throughout the country was 629 and 766 during the weeks 52 of 2022 and 01 of 2023 respectively. In 20 hospitals, the average midnight total has decreased and in 33 hospitals the average mid night total has increased in the week 01 of 2023 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 01 of 2023 are displayed in Table 3.

**Average midnight total of the 52nd week of 2022 shows a decrease from 631 to 629 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 01 of 2023 and week 52 of 2022

District	No. of cases					
	Week		Week		Up to Week 01	
	2022 52	2023 01	2022 52	2023 01	2022	2023
Colombo	563	563	325	433	563	433
Gampaha	446	457	290	440	457	440
Kalutara	182	180	92	112	180	112
Kandy	78	89	56	100	89	100
Matale	3	20	27	39	20	39
Nuwara Eliya	6	8	9	1	8	1
Galle	75	95	51	43	95	43
Hambantota	21	22	14	10	22	10
Matara	22	44	45	33	44	33
Jaffna	64	31	114	128	31	128
Kilinochchi	9	4	7	4	4	4
Mannar	71	28	Nil	Nil	28	Nil
Vavuniya	5	2	2	3	2	3
Mullaitivu	Nil	Nil	2	32	Nil	32
Batticaloa	16	26	17	36	26	36
Ampara	7	8	8	3	8	3
Trincomalee	31	23	29	16	23	16
Kalmunai	7	27	150	147	27	147
Kurunegala	134	115	46	56	115	56
Puttalam	114	104	190	273	104	273
Anuradhapura	21	12	25	13	12	13
Polonnaruwa	3	7	17	27	7	27
Badulla	55	64	36	45	64	45
Monaragala	7	8	8	11	8	11
Rathnapura	50	65	92	66	65	66
Kegalle	36	55	46	71	55	71
Total	2026	2057	1698	2142	2057	2142

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

*Kalmunai is a Regional Director of Health Services of Ampara District
■ Districts reporting higher number of cases

Table 2: High risk MOH areas

MOH Area	Cases reported	
	Week 52-2022	Week 01-2023
WESTERN PROVINCE		
Colombo District		
Dehiwala	12	17
Piliyandala	22	12
Homagama	8	10
Kaduwela	23	25
Maharagama	27	24
MC Colombo	90	124
Moratuwa	15	33
Nugegoda	22	14
Boralesgamuwa	9	10
Hanwella	5	10
Battaramulla	11	16
Ratmalana	4	25
Egoda Uyana	11	22
Gothatuwa	23	26
Gampaha District		
Attanagalla	19	25
Biyagama	14	32
Divulapitiya	6	17
Gampaha	30	28
Ja-Ela	25	49
Katana	26	35
Kelaniya	30	32
Dompe	6	13
Mahara	18	19

MOH Area	Cases reported	
	Week 52-2022	Week 01-2023
MC Negombo	26	49
Minuwangoda	15	29
Mirigama	9	10
Ragama	20	18
Wattala	19	41
Seeduwa	20	33
Kalutara District		
Bandaragama	9	12
Beruwala (NIHS)	14	10
Kalutara (NIHS)	24	20
Panadura	21	35
CENTRAL PROVINCE		
Kandy District		
MC Kandy	9	23
Waththegama	3	10
Yatinuwara	5	10
SOUTHERN PROVINCE		
Matara District		
Akuressa	17	11
NORTHERN PROVINCE		
Jaffna District		
Chavakachcheri	14	12
Kopay	12	17
MC Jaffna	29	42
Nallur	14	14
EASTERN PROVINCE		
Kalmunai District		

MOH Area	Cases reported	
	Week 52-2022	Week 01-2023
Akkaraipattu	55	35
Sammanthurai	26	28
Alayadivembu	13	22
Addalaichenai	31	31
Batticaloa District		
Batticaloa	7	10
Chenkalady	2	10
NORTH WESTERN PROVINCE		
Puttalam District		
Anamaduwa	5	10
Chilaw	32	49
Dankotuwa	9	29
Kalpitiya	50	58
Puttalam	41	44
Mundel	7	10
Wennappuwa	13	29
Mahawewa	8	13
UVA PROVINCE		
Badulla District		
Badulla	16	19
SABARAGAMUWA PROVINCE		
Kegalle District		
Dehiovita	1	10
Mawanella	20	25
Rathnapura District		
Eheliyagoda	11	13
Embilipitiya	28	11

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 01 - 2023

Hospital	Average Midnight Total		
	Week 52	Week 53	Change
DGH- Negombo	81	89	↑
NIID	30	59	↑
NHSL	36	51	↑
BH-Puttalam	43	49	↑
TH-Col-South	41	48	↑
TH-Col-North	26	40	↑
DGH-Chilaw	30	30	-
BH- Panadura	17	27	↑
PGH-Badulla	15	26	↑
LRH	24	23	↓
DGH- Gampaha	19	22	↑
BH-Marawila	20	22	↑
TH-Kandy	11	19	↑
TH-Peradeniya	7	14	↑

Hospital	Average Midnight Total		
	Week 52	Week 53	Change
BH- Wathupitiwala	9	14	↑
BH- Kiribathgoda	9	13	↑
TH-Karapitiya	16	12	↓
TH- Kalutara	14	11	↓
DGH- Embilipitiya	4	11	↑
TH-Ratnapura	8	11	↑
TH-Jaffna	21	11	↓
DGH-Trincomalee	11	10	↓
BH-Matale	11	10	↓
DGH-Polonnaruwa	9	9	-
DGH-Kegalle	10	9	↓
BH-Avissawella	5	8	↑
BH-Kalmunai AMH	8	8	-
TH-Batticaloa	3	8	↑

Hospital	Average Midnight Total		
	Week 52	Week 53	Change
BH-Dambulla	4	8	↑
BH- Minuwangoda	4	7	↑
BH-Point Pedro	0	6	↑
BH-Gampola	3	5	↑
BH-Balapitiya	5	5	-
DGH-Matara	7	5	↓
DGH-Ampara	6	5	↓
DGH- Horana	2	4	↑
BH- Warakapola	2	4	↑
BH-Kalmunai North	5	4	↓
BH- Mirigama	3	4	↑
BH- Mawanella	4	4	-
BH-Nikaweratiya	3	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 01 of 2023

- Outbreak preparedness meeting with selected high risk MOH areas from Kalmunai and Puttalam districts.