WEEKLY DENGUE UPDATE

16th January 2023 – 22nd January 2023

National Dengue Control Unit, Ministry of Health

Week 03

DENGUE CASE REPORTING

During the week 03, 2032 suspected dengue cases were reported in 26 districts in comparison to 2030 cases in 26 districts during the week 02. There is a 0.1% increase in week 03, compared to the previous week. Of all reported cases 46.3% were from Western Province [Colombo Municipal Council – 6.1%, Rest of the Colombo District – 13.3%, Gampaha District – 21.5% and Kalutara District – 5.4%]. Puttalam [14.5%], Kalmunai [8.0%], Jaffna [4.2%] and Kegalle [3.7%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Fifty-seven MOH areas were flagged as high-risk areas during week 03. Out of them,14 MOH areas showed a rising number of cases in week 03 compared to the week 02, and another 42 MOH areas showed persistently high number of cases in both weeks 03 and 02 (Table 2).
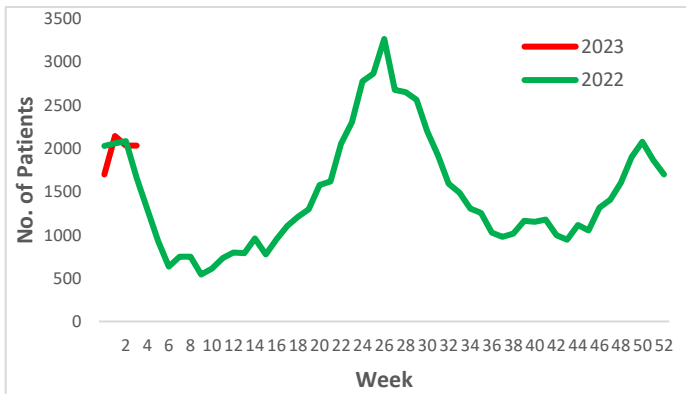
In week 03 high risk levels of Mirigama, Bandaragama, Harispattuwa, Chavakachcheri, Kopay, Karaveddy, Mannar, Dehiovita and Kurunegala MOH areas have come down while Akuressa, Batticaloa, Eravur, Trincomalee, Madampe, Badulla, Eheliyagoda, Kegalle, Kalmunai North and Alayadivembu MOH areas were newly identified as high-risk areas.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 75 hospitals throughout the country was 725 and 706 during the weeks 02 and 03 respectively. In 25 hospitals, the average midnight total has decreased and in 22 hospitals the average mid night total has increased in the week 03 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 03 are displayed in Table 3.

Average midnight total of the 02nd week shows a decrease from 732 to 725 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 03 and 02 of 2023

District/ RDHS	No. of cases				Up to Week 03	
	2022		2023		2022	2023
	Week		Week			
	02	03	02	03		
Colombo	528	411	452	394	1502	1279
Gampaha	442	305	417	437	1204	1294
Kalutara	155	120	123	110	455	345
Kandy	97	73	86	66	259	252
Matale	8	25	27	14	53	80
Nuwara Eliya	5	4	2	4	17	7
Galle	110	83	65	47	288	155
Hambantota	34	26	14	24	82	48
Matara	37	31	28	41	112	102
Jaffna	47	79	103	85	157	316
Kilinochchi	1	12	3	4	17	11
Mannar	28	25	17	1	81	18
Vavuniya	8	6	1	3	16	7
Mullaitivu	1	Nil	2	1	1	35
Batticaloa	32	26	28	52	84	116
Ampara	7	8	3	3	23	9
Trincomalee	24	41	31	38	88	85
Kalmunai*	17	42	107	163	86	417
Kurunegala	157	109	73	61	381	190
Puttalam	138	96	257	294	338	824
Anuradhapura	15	9	13	17	36	43
Polonnaruwa	9	3	13	12	19	52
Badulla	55	25	31	30	144	106
Monaragala	12	14	15	12	34	38
Rathnapura	65	62	55	43	192	164
Kegalle	49	20	64	76	124	211
Total	**2081**	**1655**	**2030**	**2032**	**5793**	**6204**

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 02	Week 03
WESTERN PROVINCE		
Colombo District		
Dehiwala	17	23
Piliyandala	16	10
Homagama	13	13
Kaduwela	33	19
Maharagama	36	13
MC Colombo	95	123
Moratuwa	21	32
Nugegoda	11	10
Hanwella	14	17
Battaramulla	20	17
Ratmalana	21	12
Egoda Uyana	28	11
Gothatuwa	29	29
Gampaha District		
Attanagalla	18	23
Biyagama	30	33
Divulapitiya	10	13
Gampaha	28	29
Ja-Ela	50	42
Katana	21	19
Kelaniya	42	33
Dompe	15	25
Mahara	24	15
MC Negombo	27	67

MOH Area	Cases reported	
	Week 02	Week 03
Minuwangoda	22	19
Ragama	22	24
Wattala	47	36
Seeduwa	25	42
Kalutara District		
Beruwala (NIHS)	11	21
Kalutara (NIHS)	18	16
Panadura	32	27
Wadduwa	18	9
CENTRAL PROVINCE		
Kandy District		
MC Kandy	15	12
SOUTHERN PROVINCE		
Matara District		
Akuressa	7	16
NORTHERN PROVINCE		
Jaffna District		
MC Jaffna	21	35
Nallur	13	10
EASTERN PROVINCE		
Kalmunai District		
Akkaraipattu	19	39
Kalmunai North	5	10
Sammanthurai	35	48
Alayadivembu	8	13
Addalaichchenai	16	15

MOH Area	Cases reported	
	Week 02	Week 03
Sainthamaruthu	11	13
Batticaloa District		
Batticaloa	5	17
Eravur	5	11
Trincomalee District		
Trincomalee	7	14
NORTH WESTERN PROVINCE		
Puttalam District		
Anamaduwa	12	10
Chilaw	59	60
Dankotuwa	12	24
Kalpitiya	59	67
Puttalam	39	42
Mundel	12	11
Wennappuwa	16	23
Mahawewa	20	19
Madampe	6	17
UVA PROVINCE		
Badulla District		
Badulla	9	13
SABARAGAMUWA PROVINCE		
Kegalle District		
Kegalle	3	10
Mawanella	20	25
Rathnapura District		
Eheliyagoda	6	10

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 03

Hospital	Average Midnight Total		
	Week 02	Week 03	Change
DGH- Negombo	87	84	⬇
NIID	55	55	-
NHSL	58	53	⬇
TH-Col-South	44	45	⬆
BH-Puttalam	45	42	⬇
DGH-Chilaw	38	36	⬇
LRH	27	30	⬆
TH-Col-North	29	27	⬇
BH-Marawila	22	22	-
DGH- Gampaha	15	19	⬆
BH- Panadura	20	17	⬇
BH- Wathupitiwala	17	16	⬇
BH- Kiribathgoda	18	15	⬇

Hospital	Average Midnight Total		
	Week 02	Week 03	Change
DGH-Trincomalee	12	14	⬆
TH- Kalutara	18	14	⬇
TH-Karapitiya	18	13	⬇
PGH-Badulla	15	12	⬇
BH-Avissawella	14	12	⬇
TH-Peradeniya	13	12	⬇
TH-Kandy	18	12	⬇
TH-Jaffna	10	11	⬆
BH-Kalmunai AMH	10	11	⬆
BH-Kalmunai North	4	9	⬆
TH-Batticaloa	4	9	⬆
DGH- Embilipitiya	9	8	⬇

Hospital	Average Midnight Total		
	Week 02	Week 03	Change
DGH-Kegalle	12	8	⬇
DGH- Horana	6	6	-
BH- Warakapola	5	6	⬆
BH- Mawanella	4	6	⬆
TH-Ratnapura	10	5	⬇
BH-Balapitiya	4	5	⬆
BH-Matale	7	5	⬇
DGH-Matara	5	5	-
TH-Kurunegala	5	4	⬇
BH-Nikaweratiya	2	4	⬆
BH-Dambulla	3	4	⬆
TH-Anuradhapura	1	4	⬆