WEEKLY DENGUE UPDATE

Week 33 (14th – 20th August 2023)

National Dengue Control Unit, Ministry of Health

Week
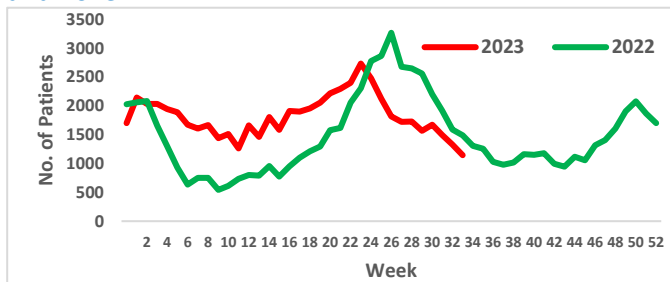**33**

DENGUE CASE REPORTING

During 33rd week, 1143 suspected dengue cases were reported in 23 districts in comparison to 1329 cases in 24 districts during 32nd week. There is a 14.0% decrease in 33rd week, compared to the previous week. Of all reported cases, 38.2% were from Western Province [Colombo Municipal Council -3.0%, rest of the Colombo District – 14.3%, Gampaha District -14.3% and Kalutara District –6.6%]. Kandy [18.3%], Galle [8.0%], Kegalle [5.8%], Ratnapura [5.0%], Matale [3.9%] and Kurunegala [3.4%] districts also have reported higher number of cases (Table 1).

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023

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

HIGH RISK MOH AREAS

During 33rd week, 34 MOH areas were flagged as high-risk. Of them, 6 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 27 MOH areas in both 33rd and 32nd weeks (Table 2).

The MOH areas that were flagged as high-risk in 32nd week and not flagged for the current week are; Kolonnawa, Nugegoda, Ratmalana, Katana, Mahara, Minuwangoda, Ragama, Doluwa, Kurunduwatta, Mawanella, Eheliyagoda, Ruwanwella, Pelmadulla, Warakapola and MC Ratnapura.

The MOH areas that were newly flagged as high-risk areas in 33rd week are Dehiwala, Battaramulla, Yatinuwara, MC Matale, Kataragama and Rambukkana.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

After updated with delayed reporting from hospitals, average midnight total for the 32nd week shows an increase from 489 to 492.

Average midnight total of dengue patients in selected 73 hospitals was 424 in 33rd week. In 17 hospitals, the average midnight total has increased and in 32 hospitals it has decreased compared to the previous week.

Selected hospitals with high average midnight totals of dengue patients and changing trend of dengue admissions in the 33rd week are illustrated in Table 3.

Table 1: Reported dengue cases in week 33 and 32 of 2023

District/ RDHS	No. of cases					
	2022 Week		2023 Week		Up to Week 33	
	32	33	32	33	2022	2023
Colombo	313	302	247	198	13056	12916
Gampaha	370	266	237	164	7762	12844
Kalutara	124	85	85	75	4816	3898
Kandy	189	243	260	209	4238	4811
Matale	29	49	39	45	763	1103
Nuwara Eliya	3	5	3	5	130	158
Galle	50	59	97	91	2972	2243
Hambantota	21	46	15	18	1143	1040
Matara	47	46	37	30	1195	1169
Jaffna	25	42	19	32	2091	1737
Kilinochchi	1	8	Nil	1	97	71
Mannar	1	1	Nil	Nil	164	84
Vavuniya	1	2	2	Nil	66	117
Mullaitivu	2	Nil	2	Nil	18	119
Batticaloa	17	8	21	13	947	2184
Ampara	3	3	1	1	129	161
Trincomalee	4	1	7	10	995	1929
Kalmunai*	21	30	16	12	1075	1575
Kurunegala	49	33	51	39	1878	2157
Puttalam	50	55	20	17	1838	2957
Anuradhapura	6	10	5	3	439	532
Polonnaruwa	8	5	6	7	257	456
Badulla	20	15	20	16	673	783
Monaragala	8	5	7	34	336	410
Ratnapura	116	87	73	57	2444	2494
Kegalle	112	80	59	66	1905	2466
Total	**1590**	**1486**	**1329**	**1143**	**51427**	**60414**

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 (34)

MOH Area	Cases reported Week 32	Cases reported Week 33
WESTERN PROVINCE		
Colombo District		
Dehiwala	9	10
Piliyandala	21	15
Kaduwela	16	12
Maharagama	20	17
MC Colombo	32	34
Moratuwa	11	14
Battaramulla*	9	12
Gothatuwa	34	25
Gampaha District		
Biyagama	24	16
Divulapitiya	13	16
Gampaha	16	10
Ja-Ela	24	12
Kelaniya	16	17

MOH Area	Cases reported Week 32	Cases reported Week 33
MC Negombo	27	14
Wattala	17	13
Seeduwa	22	14
Kalutara District		
Beruwela (NIHS)	24	25
Panadura	23	11
CENTRAL PROVINCE		
Kandy District		
Gampola	34	26
Gangawatakorale	29	21
Harispattuwa	15	18
Kundasale	17	11
MC Kandy	58	37
Udunuwara	12	13
Wattegama	16	12
Yatinuwara*	6	15

MOH Area	Cases reported Week 32	Cases reported Week 33
Matale District		
Matale	14	13
MC Matale*	8	12
SOUTHERN PROVINCE		
Galle District		
Ambalangoda*	21	27
Balapitiya	22	10
MC Galle	14	11
UVA PROVINCE		
Badulla District		
Badulla	11	11
Moneragala District		
Kararagama*	0	23
SABARAGAMUWA PROVINCE		
Kegalle District		
Rambukkana*	6	11

*MOH areas with a rising trend (6)

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 33

Hospital	Average Midnight Total Week 32	Average Midnight Total Week 33	Average Midnight Total Change
NH-Kandy	60	43	⬇
DGH- Negombo	45	29	⬇
TH-Col-South	25	22	⬇
TH-Peradeniya	19	22	⬆
NIID	28	22	⬇
NHSL	22	21	⬇
TH-Karapitiya	19	19	-
TH-Col-North	22	18	⬇
BH-Balapitiya	22	18	⬇

Hospital	Average Midnight Total Week 32	Average Midnight Total Week 33	Average Midnight Total Change
TH-Ratnapura	18	17	⬇
BH-Tissamaharama	1	16	⬆
DGH-Matale	18	14	⬇
BH-Gampola	16	14	⬇
DGH-Kegalle	15	12	⬇
LRH	14	11	⬇
BH- Warakapola	7	9	⬆
PGH-Badulla	8	8	-
TH- Kalutara	9	7	⬇

Hospital	Average Midnight Total Week 32	Average Midnight Total Week 33	Average Midnight Total Change
DGH-Avissawella	10	7	⬇
BH- Kiribathgoda	8	6	⬇
BH-Nawalapitiya	3	6	⬆
BH-Dambadeniya	5	5	-
DGH- Gampaha	7	5	⬇
BH- Wathupitiwala	4	5	⬆
BH- Panadura	10	5	⬇
BH-Kamburupitiya	4	4	-
BH- Mirigama	5	4	⬇

KEY ACTIVITIES CONDUCTED DURING WEEK 33

- Special entomological survey (by NDCU team) at MC Kandy MOH area, prior to Esala Perahera
- Review of the current dengue situation in Kandy District
- Rupawahini dengue awareness programme for school children and beach clean-up programme in Kalutara district

---

OUR LIVES, OUR RESPONSIBILITY