



WEEKLY DENGUE UPDATE

15th May 2023 – 21st May 2023

National Dengue Control Unit, Ministry of Health

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Week
20

DENGUE CASE REPORTING

During the week 20, 2215 suspected dengue cases were reported in 26 districts in comparison to 2055 cases in 25 districts during the week 19. There is a 7.7% increase in week 20, compared to the previous week. Of all reported cases 52.7% were from Western Province [Colombo Municipal Council -5.3%, Rest of the Colombo District – 17.7%, Gampaha District -21.4% and Kalutara District – 8.3%]. Kandy [7.9%], Rathnapura [4.9%], Kegalle [4.3%], Galle [3.8%], Trincomalee [3.6%] and Kurunegala [3.5%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Sixty-one MOH areas were flagged as high-risk areas during week 20. Out of them, 15 MOH areas showed a rising number of cases in week 20 compared to the week 19, and another 46 MOH areas showed persistently high number of cases in both weeks 20 and 19 (Table 2).

In week 20, high risk levels of Pitakotte, Divulpitiya, Tellipalai, Chenkalady, Eravur, Arayampathy, Mutur, Kurunegala, MC Rathnapura, Galigamuwa, Ruwanwella and Yatiyantota MOH areas have come down. Homagama, Boraesgamuwa, Horana, Wadduwa, Gangawatakorale, Kundasale, Udunuwara, Balapitiya, Rathgama, Walasmulla, Karaveddy, Kuchchaveli, Puttalam, Thamankaduwa, Embilipitiya and Kuruwita 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 792 and 768 during the weeks 19 and 20 respectively. In 29 hospitals, the average midnight total has increased and in 26 hospitals the average mid night total has decreased in the week 20 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 20 are displayed in Table 3.

**Average midnight total of the 19th week shows an increase from 790 to 792 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023

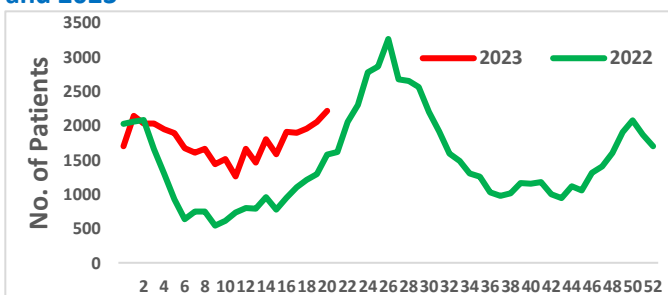


Table 1: Reported dengue cases in week 20 and 19 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 20	
	Week		Week		2022	2023
	19	20	19	20		
Colombo	295	409	406	510	4803	7501
Gampaha	116	171	512	473	2930	8058
Kalutara	146	157	116	185	2104	2156
Kandy	84	113	163	174	1058	1777
Matale	8	13	24	29	196	543
Nuwara Eliya	10	3	1	8	58	65
Galle	107	94	86	85	1415	1069
Hambantota	22	14	37	42	372	569
Matara	45	33	32	43	493	594
Jaffna	72	97	45	56	1329	1279
Kilinochchi	4	5	Nil	2	60	51
Mannar	Nil	2	1	5	138	61
Vavuniya	Nil	Nil	9	4	41	87
Mullaitivu	Nil	Nil	1	9	9	71
Batticaloa	84	51	85	57	645	1513
Ampara	Nil	7	4	12	66	95
Trincomalee	90	34	107	80	786	1456
Kalmunai*	41	53	35	22	553	1309
Kurunegala	22	50	85	77	949	1220
Puttalam	36	51	42	65	1075	2447
Anuradhapura	6	12	10	19	188	269
Polonnaruwa	2	8	23	21	58	288
Badulla	10	16	12	13	335	456
Monaragala	10	15	8	19	163	204
Rathnapura	60	119	84	109	1052	1230
Kegalle	24	49	127	96	608	1352
Total	1294	1576	2055	2215	21484	35720

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 19	Week 20
WESTERN PROVINCE		
Colombo District		
Dehiwala	14	27
Piliyandala	22	25
Homagama	6	13
Kaduwela	27	36
Kolonnawa	15	16
Maharagama	31	31
MC Colombo	80	117
Moratuwa	16	27
Nugegoda	13	18
Boralesgamuwa	6	13
Hanwella	18	13
Battaramulla	33	44
Ratmalana	27	17
Gothatuwa	52	53
Gampaha District		
Attanagalla	22	20
Biyagama	30	41
Gampaha	20	40
Ja-Ela	62	27
Katana	25	13
Kelaniya	40	70
Dompe	25	20
Mahara	26	29
MC Negombo	73	37
Minuwangoda	14	11
Mirigama	22	19

MOH Area	Cases reported	
	Week 19	Week 20
Ragama	15	36
Wattala	75	67
Seeduwa	28	21
Kalutara District		
Bandaragama	9	16
Beruwala (NIHS)	30	36
Horana	8	11
Kalutara (NIHS)	14	20
Panadura	26	53
Wadduwa	4	14
CENTRAL PROVINCE		
Kandy District		
Gampola	15	14
Gangawatakorale	7	12
Harispattuwa	13	11
Kundasale	7	10
MC Kandy	22	29
Poojapitiya	15	10
Talathuoya	11	10
Udunuwara	5	11
Wattegama	10	11
Yatinuwara	17	17
SOUTHERN PROVINCE		
Galle District		
Balapitiya	7	11
Rathgama	6	10
Hambantota District		
Walasmulla	6	10

MOH Area	Cases reported	
	Week 19	Week 20
NORTHERN PROVINCE		
Jaffna District		
Karaveddy	7	10
EASTERN PROVINCE		
Batticaloa District		
Batticaloa	27	17
Trincomalee District		
Trincomalee	35	24
Kuchchaveli	6	15
Uppuveli	33	22
NORTH CENTRAL PROVINCE		
Polonnaruwa District		
Thamankaduwa	6	14
NORTH WESTERN PROVINCE		
Puttalam District		
Puttalam	9	12
SABARAGAMUWA PROVINCE		
Kegalle District		
Dehiovita	17	13
Kegalle	14	12
Mawanella	26	19
Warakapola	16	18
Rathnapura District		
Eheliyagoda	20	19
Embilipitiya	0	11
Kuruwita	9	22

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 20

Hospital	Average Midnight Total		
	Week 19	Week 20	Change
NHSL	62	61	↓
DGH- Negombo	72	61	↓
NIID	62	56	↓
TH-Col-South	55	54	↓
NH-Kandy	41	46	↑
TH-Col-North	44	41	↓
LRH	31	32	↑
BH- Panadura	17	27	↑
DGH-Trincomalee	29	22	↓
TH-Karapitiya	18	20	↑
DGH- Gampaha	17	19	↑
BH- Kiribathgoda	14	18	↑
TH-Peradeniya	22	18	↓
DGH-Avissawella	14	16	↑
TH- Kalutara	14	15	↑

Hospital	Average Midnight Total		
	Week 19	Week 20	Change
TH-Ratnapura	13	14	↑
TH-Batticaloa	16	13	↓
BH- Wathupitiwala	15	11	↓
DGH-Kegalle	14	11	↓
DGH- Embilipitiya	9	11	↑
BH- Warakapola	13	10	↓
DGH-Chilaw	10	9	↓
BH-Gampola	8	9	↑
DGH-Hambantota	9	9	-
DGH- Matara	6	9	↑
DGH-Polonnaruwa	7	8	↑
TH-Anuradhapura	5	8	↑
BH-Puttalam	8	8	-
BH-Valaichchenai	8	8	-
BH- Beruwala	7	8	↑

Hospital	Average Midnight Total		
	Week 19	Week 20	Change
BH- Mawanella	10	7	↓
PGH-Badulla	8	7	↓
DGH-Matale	7	6	↓
DGH- Horana	6	6	-
DGH-Ampara	5	6	↑
TH-Kurunegala	10	6	↓
BH-Point Pedro	7	6	↓
BH-Balapitiya	7	5	↓
BH-Kalmunai	6	5	↓
BH-Balangoda	4	5	↑
BH-Marawila	2	5	↑
BH-Dambulla	5	4	↓
BH-Kahawatta	4	4	-

KEY ACTIVITIES CONDUCTED DURING WEEK 20 of 2023

- Advocacy meeting for Dengue prevention in Western Province, headed by the Governor of Western Province.
- Special Mosquito Control Campaigns in selected high risk MOH areas in Western Province.