



WEEKLY DENGUE UPDATE

Week 51 (18th – 24th December 2023)

National Dengue Control Unit, Ministry of Health

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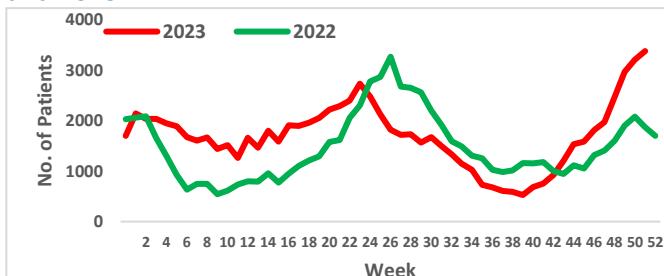
Week
51

Year: 2023 Volume: 03 Issue: 51

DENGUE CASE REPORTING

During 51st week, 3375 suspected dengue cases were reported in 26 districts in comparison to 2438, in 26 districts during the 50th week. There is 38.4% increase in 51st week, compared to the previous week. Of all reported cases, 32.4% were from Western Province [Colombo Municipal Council – 2.6%, rest of the Colombo District – 18.3 %, Gampaha District – 7.9% and Kalutara District – 3.6 %]. Jaffna [20.4%], Kandy [11.0%], Galle [4.7%], Badulla [4.1%], Kegalle [4.1%] and Kurunegala [4.0%] 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 (Table 2)

During 51st week, 71 MOH areas were flagged as high-risk. Of them, 61 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 57 MOH areas in both 50th and 51st weeks.

The MOH areas that were newly flagged as high-risk areas in 51st week are Kolonnawa, Boralesgamuwa, Divulapitiya, Bandaragama, Panadura, Udunuwara, Kayts, Velanai, Mutur, Dankotuwa, Nattandiya, Kegalle, Rambukkana and Mawanella. The MOH areas that were flagged as high-risk in 50th week and not flagged for the current week are; Kalutara (NIHS), Wadduwa, Menikhinna, Chenkalady, Chilaw, Puttalam, Kuliyapitiya and Godakawela.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 50th week shows an increase from 969 to 995.

In 51st week average midnight total of dengue patients in selected 73 hospitals was 983. In 27 hospitals, the average midnight total has increased and in 28 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 51st week are illustrated in Table 3.

Table 1: Reported dengue cases in week 50 and 51 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 51	
	Week	50	Week	51	2022	2023
Colombo	387	366	478	706	17079	18357
Gampaha	414	370	224	266	12953	15946
Kalutara	115	109	116	122	6164	5135
Kandy	88	101	360	370	6405	9043
Matale	31	27	17	74	1272	1851
Nuwara Eliya	5	6	4	19	194	294
Galle	56	26	42	160	3729	3930
Hambantota	14	12	37	28	1422	1317
Matara	20	30	8	15	1627	1649
Jaffna	145	101	431	687	3312	3718
Kilinochchi	7	1	3	20	128	127
Mannar	20	Nil	17	21	267	186
Vavuniya	8	2	1	17	95	164
Mullaitivu	1	3	4	5	32	155
Batticaloa	15	25	109	124	1235	2832
Ampara	4	3	13	6	169	238
Trincomalee	10	29	15	31	1151	2121
Kalmunai*	214	154	22	43	2190	1767
Kurunegala	77	54	99	134	2493	3490
Puttalam	259	300	136	90	3918	4008
Anuradhapura	6	10	17	41	565	744
Polonnaruwa	9	7	23	12	380	611
Badulla	44	37	130	137	1259	1760
Monaragala	10	7	34	23	497	679
Ratnapura	57	30	66	87	3308	3314
Kegalle	61	56	32	137	2925	3593
Total	2077	1866	2438	3375	74769	87029

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

*Amara 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 (71)

MOH Area	Cases reported	
	Week 50	Week 51
WESTERN PROVINCE		
Colombo District		
Dehiwala	56	65
Piliyandala	19	32
Homagama	16	33
Kaduwela	24	46
Kolonnawa	7	29
Pitakotte	13	23
Maharagama	36	78
MC Colombo	107	238
Moratuwa	36	29
Nugegoda	34	42
Boralesgamuwa	9	17
Hanwella	11	17
Battaramulla	18	26
Ratmalana	13	27
Gothatuwa	34	40
Gampaha District		
Attanagalla	19	23
Biyagama	26	36
Divulapitiya	10	14
Gampaha	30	75
Ja-Ela	8	13
Kelaniya	23	30
Dompe	21	23
Mahara	12	21
MC Negombo	18	28
Minuwangoda	11	13
Wattala	13	30
Kalutara District		
Bandaragama	9	13

MOH Area	Cases reported	
	Week 50	Week 51
Beruwala	13	10
Panadura	22	15
CENTRAL PROVINCE		
Kandy District		
Harispattuwa	36	45
Kundasale	38	31
MC Kandy	42	60
Akurana	13	16
Gampola	13	14
Gangawatakorale	35	16
Medadumbara	21	21
Poojapitiya	17	13
Udunuwara	9	16
Waththegama	35	26
Yatinuwara	35	29
Matale District		
Ukuwela	13	21
SOUTHERN PROVINCE		
Galle District		
MC Galle	16	28
Habaraduwa	14	24
NORTHERN PROVINCE		
Jaffna District		
Chavakachcheri	26	45
Kayts	1	16
Kopay	35	69
MC Jaffna	152	207
Point Pedro	29	26
Tellippalai	15	28
Nallur	59	72
Uduvil	20	40

MOH Area	Cases reported	
	Week 50	Week 51
Chankanai	13	42
Sandilipay	49	72
Karaveddy	24	28
Velanai	2	47
Mannar District		
Mannar	9	18
Eastern Province		
Batticaloa District		
Batticaloa	25	34
Ervur	28	51
Trincomalee District		
Mutur	5	13
NORTHWESTERN PROVINCE		
Kurunegala District		
Kurunegala	10	20
MC Kurunegala	17	12
Puttalam District		
Dankotuwa	6	10
Kalpitiya	43	20
Wennappuwa	12	16
Nattandiya	8	12
Badulla District		
Badulla	72	75
Hali Ela	17	17
SABARAGAMUWA PROVINCE		
Kurunegala District		
Kegalle	1	25
Rambukkana	3	34
Mawanella	5	14
Rewanwella	12	29

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 51

Hospital	Average Midnight Total		
	Week 50	Week 51	Change
NHSL	87	73	↓
NIID	53	67	↑
NH-Kandy	74	66	↓
PGH-Badulla	73	62	↓
TH-Jaffna	46	51	↑
DGH- Negombo	45	51	↑
TH-Col-South	48	48	-
TH-Peradeniya	34	44	↑
DGH-Matale	30	37	↑
TH-Karapitiya	44	36	↓
LRH	34	32	↓
BH-Point Pedro	23	31	↑
TH-Col-North	24	25	↑
DGH-Kegalle	14	17	↑
BH- Panadura	21	17	↓
TH-Batticaloa	19	17	↓

Hospital	Average Midnight Total		
	Week 50	Week 51	Change
BH-Marawila	17	16	↓
BH- Wathupitiwala	12	16	↑
BH-Puttalam	22	15	↓
TH-Ratnapura	16	15	↓
TH- Kalutara	8	14	↑
DGH-Avissawella	12	13	↑
BH- Kiribathgoda	14	13	↓
DGH- Gampaha	17	12	↓
DGH- Embilipitiya	10	12	↑
BH- Nikaweratiya	11	12	↑
DGH- Matara	14	12	↓
BH-Gampola	10	11	↑
TH-Kurunegala	8	10	↑
DGH-Mannar	8	10	↑
BH-Balapitiya	10	7	↓
TH-Anuradhapura	4	7	↑

Hospital	Average Midnight Total		
	Week 50	Week 51	Change
DGH-Chilaw	10	7	↓
DGH- Horana	4	6	↑
BH- Beruwala	4	6	↑
DGH-Vavuniya	4	6	↑
BH-Dambadeniya	8	6	↓
BH-Tangalle	9	6	↓
BH-Valaichchenai	5	5	-
DGH-Hambantota	7	5	↓
BH-Dambulla	3	5	↑
BH- Warakapola	5	4	↓
BH- Nawalapitiya	4	4	-
BH- Kahawatta	5	4	↓
BH- Minuwangoda	2	4	↑
DGH-Trincomalee	2	4	↑
BH-Welimada	2	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 51 AT NATIONAL LEVEL

- In view of the outbreaks in Northern Province, extensive entomological surveys were conducted in high-risk MOH areas, targeting the public institutions and intersectoral actions were strengthened for dengue prevention and sustainable control at the provincial meeting chaired by the Chief Secretary, Northern Province.

OUR LIVES, OUR RESPONSIBILITY