



WEEKLY DENGUE UPDATE

Week 49 (04th – 10th December 2023)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



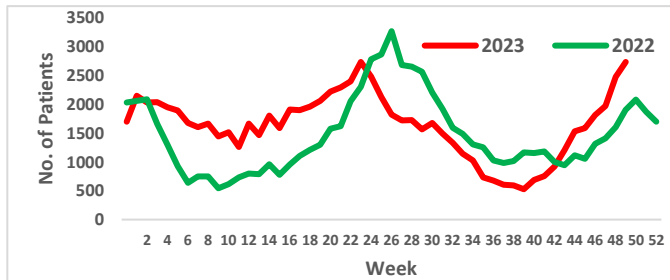
Week
49

Year: 2023 Volume: 03 Issue: 49

DENGUE CASE REPORTING

During 49th week, 2730 suspected dengue cases were reported in 25 districts in comparison to 2472, in 26 districts during the 48th week. There is 10.4% increase in 49th week, compared to the previous week. Of all reported cases, 34.7% were from Western Province [Colombo Municipal Council – 3.5%, rest of the Colombo District - 17.8%, Gampaha District - 9.4% and Kalutara District - 4.0%]. Kandy [14.6%], Jaffna [11.2%], Badulla [6.9%], Puttalam [5.7%], Kurunegala [5.1%], Kegalle [4.0%], Galle [3.7%] and Batticaloa [3.1%] 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 49th week, 65 MOH areas were flagged as high-risk. Of them, 41 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 59 MOH areas in both 48th and 49th weeks.

The MOH areas that were newly flagged as high-risk areas in 49th week are Bandaragama, Akurana, Poojapitiya, Beliatta, Chavakachcheri, Uduvil, Karaveddy, Kuliypitiya, Chilaw and Dehiowita. The MOH areas that were flagged as high-risk in 48th week and not flagged for the current week are; Pita Kotte, Minuwangoda, Mirigama, Ragama and MC Kurunegala.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 48th week shows an increase from 949 to 1011.

In 49th week average midnight total of dengue patients in selected 73 hospitals was 1011. In 32 hospitals, the average midnight total has increased and in 26 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 49th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 48 and 49 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 49	
	Week		Week		2022	2023
	48	49	48	49	2022	2023
Colombo	272	328	495	582	16326	16945
Gampaha	390	409	297	257	12169	15419
Kalutara	57	81	85	108	5940	4849
Kandy	97	86	355	399	6216	8203
Matale	29	19	43	10	1214	1698
Nuwara Eliya	6	4	6	16	183	242
Galle	32	39	133	102	3647	3593
Hambantota	21	13	11	31	1396	1231
Matara	14	27	30	13	1577	1578
Jaffna	112	148	208	306	3066	2559
Kilinochchi	1	1	1	4	120	90
Mannar	11	4	15	10	247	127
Vavuniya	Nil	1	1	7	85	136
Mullaitivu	1	3	12	Nil	28	141
Batticaloa	14	24	90	85	1195	2602
Ampara	6	1	5	6	162	220
Trincomalee	24	16	18	27	1112	2067
Kalmunai*	122	159	16	26	1822	1687
Kurunegala	50	50	139	139	2362	3201
Puttalam	187	291	122	155	3359	3777
Anuradhapura	4	14	36	28	549	684
Polonnaruwa	6	10	34	28	364	580
Badulla	54	52	152	189	1178	1495
Monaragala	5	5	29	15	480	616
Ratnapura	40	52	35	77	3221	3121
Kegalle	47	65	104	110	2808	3356
Total	1602	1902	2472	2730	70826	80217

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 (65)

MOH Area	Cases reported	
	Week 48	Week 49
WESTERN PROVINCE		
Colombo District		
Dehiwala	61	61
Piliyandala*	18	24
Homagama*	17	23
Kaduwela*	32	33
Kolonnawa	14	11
Maharagama*	21	38
MC Colombo	101	96
Moratuwa*	17	41
Nugegoda*	36	41
Hanwella*	13	20
Battaramulla*	16	24
Ratmalana*	20	30
Egoda Uyana	20	12
Gothatuwa*	39	49
Gampaha District		
Attanagalla	18	18
Biyagama	35	32
Gampaha*	16	23
Ja-Ela	22	12
Kelaniya	33	33
Dompe*	19	21
Mahara*	20	21
MC Negombo	27	20
Wattala	24	17
Seeduwa	18	14
Kalutara District		
Bandaragama*	7	12

MOH areas with rising numbers than previous week*(41)
 MOH areas with persistently high number of patients (59)
 Newly identified high-risk MOH areas (6)

MOH Area	Cases reported	
	Week 48	Week 49
Panadura		
CENTRAL PROVINCE		
Kandy District		
Akurana*	7	13
Gampola	20	13
Gangawatakorale*	26	35
Harispattuwa*	30	35
Kundasale*	41	44
MC Kandy	57	56
Medadumbara*	14	21
Poojapitiya*	8	17
Udunuwara	18	15
Wattegama	45	35
Yatinuwara*	29	35
Menikhinna*	16	19
SOUTHERN PROVINCE		
Galle District		
Habaraduwa*	13	16
MC Galle	54	27
Hambantota District		
Beliatta*	1	15
NORTHERN PROVINCE		
Jaffna District		
Chavakachcheri*	8	16
Kopay*	19	29
MC Jaffna*	37	76
Point Pedro*	11	16
Nallur*	47	68
Uduvil*	13	20

MOH Area	Cases reported	
	Week 48	Week 49
Sandilipay	36	35
Karaveddy	17	15
Eastern Province		
Batticaloa District		
Batticaloa*	17	17
Eravur*	41	33
NORTHWESTERN PROVINCE		
Kurunegala District		
Kuliyapitiya*	6	14
Kurunegala	21	21
Puttalam District		
Chilaw*	10	16
Kalpitiya	37	31
Puttalam*	17	26
Wennappuwa*	17	19
Nattandiya*	16	25
UVA PROVINCE		
Badulla District		
Badulla*	102	119
Hali Ela*	12	15
SABARAGAMUWA PROVINCE		
Kegalle District		
Dehiowita*	10	16
Mawanella	19	19
Ruwanwella	15	12
Warakapola	18	15
Ratnapura District		
Eheliyagoda*	10	17

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 49

Hospital	Average Midnight Total		
	Week 48	Week 49	Change
NH-Kandy	78	91	↑
NHSL	87	88	↑
PGH-Badulla	66	83	↑
NIID	66	63	↓
TH-Col-South	52	57	↑
DGH- Negombo	42	45	↑
TH-Peradeniya	36	45	↑
TH-Karapitiya	45	41	↓
DGH-Matale	36	31	↓
LRH	40	29	↓
TH-Jaffna	24	27	↑
BH-Puttalam	22	25	↑
TH-Col-North	24	22	↓
DGH- Gampaha	14	21	↑
BH-Point Pedro	23	20	↓
BH-Marawila	18	18	-

Hospital	Average Midnight Total		
	Week 48	Week 49	Change
BH- Panadura	23	17	↓
BH- Kiribathgoda	15	17	↑
DGH- Matara	19	16	↓
DGH-Avissawella	13	16	↑
DGH- Embilipitiya	8	14	↑
TH-Batticaloa	12	14	↑
TH- Kalutara	10	13	↑
TH-Ratnapura	14	12	↓
BH- Wathupitiwala	16	11	↓
BH-Nikaweratiya	7	11	↑
DGH-Kegalle	16	10	↓
DGH-Chilaw	6	10	↑
BH-Dambadeniya	6	9	↑
TH-Anuradhapura	8	9	↑
TH-Kurunegala	12	9	↓
BH-Tangalle	4	8	↑

Hospital	Average Midnight Total		
	Week 48	Week 49	Change
BH- Mawanella	5	7	↑
BH-Gampola	10	7	↓
BH-Valaichchenai	2	6	↑
BH- Mirigama	4	5	↑
BH-Nawalapitiya	3	5	↑
DGH-Hambantota	7	5	↓
DGH- Horana	3	5	↑
BH- Beruwala	4	5	↑
BH-Balapitiya	9	5	↓
BH-Kamburupitiya	4	4	-
BH-Tissamaharama	2	4	↑
DGH-Ampara	5	4	↓
BH-Kuliyapitiya	2	4	↑
BH-Kahawatta	8	4	↓
BH- Warakapola	9	4	↓
DGH-Polonnaruwa	5	4	↓

KEY ACTIVITIES CONDUCTED DURING WEEK 49 AT NATIONAL LEVEL

- In view of the outbreaks in Eastern 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 Provincial Director of Health Services, Eastern Province.

OUR LIVES, OUR RESPONSIBILITY

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