



WEEKLY DENGUE UPDATE

Week 46 (13th – 19th November 2023)

National Dengue Control Unit, Ministry of Health

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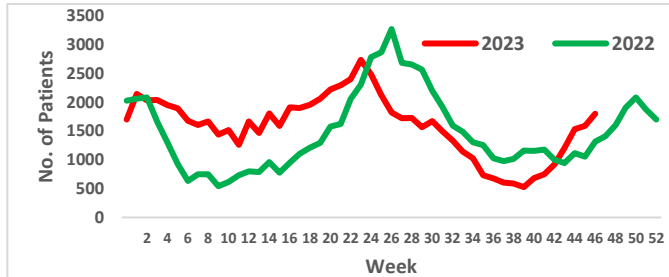
Week
46

Year: 2023 Volume: 03 Issue: 46

DENGUE CASE REPORTING

During 46th week, 1798 suspected dengue cases were reported in 24 districts in comparison to 1586, in 24 districts during the 45th week. There is 13.4% increase in 46th week, compared to the previous week. Of all reported cases, 40.9% were from Western Province [Colombo Municipal Council – 6.2%, rest of the Colombo District – 17.9%, Gampaha District -13.0% and Kalutara District – 3.9%]. Kandy [17.8%], Galle [8.6%], Kurunegala [6.1%], Puttalam [5.8%], and Kegalle [4.4%] 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 (Table 2)

During 46th week, 50 MOH areas were flagged as high-risk. Of them, 35 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 40 MOH areas in both 45th and 46th weeks.

The MOH areas that were newly flagged as high-risk areas in 46th week are Pita Kotte, Boraesgamuwa, Katana, Minuwangoda, Habaraduwa, Rathgama, Eravur, Kurunegala, MC Kurunegala, Ruwanwella and Eheliyagoda. The MOH areas that were flagged as high-risk in 45th week and not flagged for the current week are; Attanagalla, Kalutara (NIHS), Gampola, MC Matale, Menikhinna, Batticaloa and Kuliypitiya.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 45th week shows an increase from 684 to 700.

Average midnight total of dengue patients in selected 73 hospitals was 812 in 46th week. In 33 hospitals, the average midnight total has increased and in 19 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 45th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 45 and 46 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 46	
	Week		Week		2022	2023
	45	46	45	46		
Colombo	172	189	360	433	15488	15509
Gampaha	218	326	214	233	11063	14612
Kalutara	57	61	87	70	5715	4589
Kandy	111	108	310	320	5914	7115
Matale	24	33	41	40	1125	1527
Nuwara Eliya	4	4	10	16	170	209
Galle	47	39	108	155	3532	3200
Hambantota	15	18	27	32	1353	1178
Matara	15	13	31	29	1514	1479
Jaffna	38	78	Nil	Nil	2709	1993
Kilinochchi	2	2	2	1	117	82
Mannar	14	12	2	5	219	102
Vavuniya	2	4	2	Nil	84	128
Mullaitivu	Nil	1	Nil	5	24	129
Batticaloa	20	23	36	24	1140	2382
Ampara	2	2	8	3	148	205
Trincomalee	4	5	11	11	1067	2013
Kalmunai*	40	61	2	8	1479	1638
Kurunegala	17	40	91	110	2237	2810
Puttalam	84	99	99	105	2725	3392
Anuradhapura	12	4	13	13	522	611
Polonnaruwa	6	5	6	1	343	517
Badulla	51	58	11	10	1019	1041
Monaragala	9	12	12	26	466	559
Ratnapura	45	69	36	68	3087	2935
Kegalle	44	48	67	80	2656	3074
Total	1053	1314	1586	1798	65916	73029

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 (50)

MOH Area	Cases reported	
	Week 45	Week 46
WESTERN PROVINCE		
Colombo District		
Dehiwala*	20	36
Piliyandala*	11	13
Kaduwela*	28	30
PitaKotte*	6	13
Maharagama*	22	28
MC Colombo*	96	112
Moratuwa*	14	20
Nugegoda*	24	29
Boralesgamuwa*	8	17
Battaramulla*	10	19
Ratmalana*	14	15
Gothatuwa	31	30
Gampaha District		
Biyagama*	20	28
Ja-Ela*	10	14
Katana*	9	12
Kelaniya*	20	32
Dompe	19	12
Mahara	17	12
MC Negombo*	21	25
Minuwangoda*	9	15

MOH Area	Cases reported	
	Week 45	Week 46
Wattala	28	21
Seeduwa*	11	20
Kalutara District		
Panadura	15	14
Ingiriya*	10	11
CENTRAL PROVINCE		
Kandy District		
Gangawatakorale*	22	30
Harispattuwa	27	25
Kundasale*	46	47
MC Kandy	57	47
Medadumbara	14	13
Talatuoya	13	11
Udunuwara	14	12
Wattegama*	19	26
Yatinuwara*	21	45
Matale District		
Matale	12	12
SOUTHERN PROVINCE		
Galle District		
Akmeemana*	12	13
Habaraduwa*	7	14
MC Galle*	43	60

MOH Area	Cases reported	
	Week 45	Week 46
Rathgama*	0	13
Eastern Province		
Batticaloa District		
Eravur*	9	10
NORTHWESTERN PROVINCE		
Kurunegala District		
Kurunegala*	8	13
MC Kurunegala*	5	12
Puttalam District		
Kalpitiya	23	13
Puttalam*	12	25
Wennappuwa	24	17
Nattandiya*	11	18
SABARAGAMUWA PROVINCE		
Kegalle District		
Dehiowita*	10	13
Mawanella	12	10
Ruwanwella*	8	11
Warakapola	15	15
Ratnapura District		
Eheliyagoda*	2	13

MOH areas with rising numbers than previous week*(35)

MOH areas with persistently high number of patients (40)

Newly identified high-risk MOH areas (11)

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 46

Hospital	Average Midnight Total		
	Week 45	Week 46	Change
NH-Kandy	78	72	↓
NHSL	57	66	↑
NIID	39	58	↑
TH-Karapitiya	36	48	↑
PGH-Badulla	31	46	↑
TH-Col-South	35	45	↑
TH-Peradeniya	30	39	↑
DGH- Negombo	33	38	↑
DGH-Matale	36	36	-
BH-Marawila	19	25	↑
LRH	20	22	↑
TH-Col-North	22	19	↓
BH- Warakapola	11	19	↑
DGH- Matara	15	18	↑

Hospital	Average Midnight Total		
	Week 45	Week 46	Change
BH- Wathupitiwala	14	18	↑
TH-Ratnapura	9	15	↑
BH-Puttalam	12	14	↑
DGH-Avissawella	9	13	↑
BH- Panadura	13	13	-
DGH- Gampaha	9	12	↑
BH- Kiribathgoda	10	11	↑
DGH-Kegalle	8	11	↑
DGH- Embilipitiya	12	10	↓
TH-Jaffna	5	10	↑
BH-Tangalle	4	10	↑
TH-Kurunegala	7	8	↑
BH-Gampola	7	7	-
BH-Tissamaharama	4	7	↑

Hospital	Average Midnight Total		
	Week 45	Week 46	Change
BH- Mawanella	5	7	↑
BH-Dambulla	3	7	↑
DGH-Hambantota	5	7	↑
DGH-Chilaw	7	7	-
TH- Kalutara	8	6	↓
BH-Nawalapitiya	5	6	↑
DGH- Horana	6	5	↓
BH- Beruwala	4	5	↑
BH-Balapitiya	6	5	↓
BH-Kahawatta	4	4	-
DGH-Polonnaruwa	5	4	↓
BH-Dambadeniya	5	4	↓
BH- Mirigama	3	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 46 AT NATIONAL LEVEL

- The new National Dengue Surveillance System (NaDSys) is being introduced island-wide which is more comprehensive and robust. The present Dengue Sentinel Site Surveillance (DenSyS) will be replaced with the new system; Training of REs, MOOH, ICNOs and PHII has already been completed in Colombo, Gampaha, Kandy, Nuwara Eliya, Matale, Ratnapura, Kegalle, Galle, Anuradhapura, Polonnaruwa, Jaffna, Vavuniya, Mannar, Mullaitivu, Kilinochchi, Badulla, Moneragala, Trincomalee, Ampara, Batticaloa, Puttalam and Kegalle districts.
- In view of the local outbreaks in Kandy District, 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.

OUR LIVES, OUR RESPONSIBILITY

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