



WEEKLY DENGUE UPDATE

Week 47 (20th – 26th November 2023)

National Dengue Control Unit, Ministry of Health

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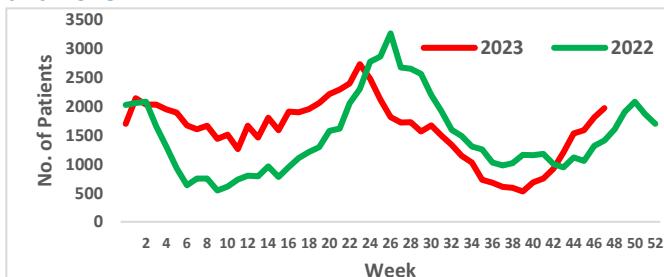
Week
47

Year: 2023 Volume: 03 Issue: 47

DENGUE CASE REPORTING

During 47th week, 1969 suspected dengue cases were reported in 23 districts in comparison to 1810, in 24 districts during the 46th week. There is 8.78% increase in 47th week, compared to the previous week. Of all reported cases, 34.5% were from Western Province [Colombo Municipal Council – 3.7%, rest of the Colombo District – 14.6%, Gampaha District -12.8% and Kalutara District – 3.4%]. Kandy [17.0%], Galle [8.0%], Matale [6.0%], Kurunegala [5.7%], Badulla [5.7%], Puttalam [5.5%], Ratnapura [3.8%] and Kegalle [3.5%] 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 47th week, 54 MOH areas were flagged as high-risk. Of them, 32 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 39 MOH areas in both 46th and 47th weeks.

The MOH areas that were newly flagged as high-risk areas in 47th week are Attanagalla, Gampaha, Mirigama, Ragama, Poojapitiya, Menikhinna, Ukuwela, MC Matale, Baddegama, Bope (Poddala), MC Matara, MC Jaffna, Badulla and Godakawela. The MOH areas that were flagged as high-risk in 46th week and not flagged for the current week are; Piliyandala, Kaduwela, Katana, Mahara, Ingiriya, Talatuoya, Habaraduwa and Rathgama.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 46th week shows a decrease from 812 to 810.

Average midnight total of dengue patients in selected 73 hospitals was 844 in 47th week. In 31 hospitals, the average midnight total has increased and in 20 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 47th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 46 and 47 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 47	
	Week	Week	46	47	2022	2023
Colombo	189	238	433	359	15726	15868
Gampaha	326	307	233	253	11370	14865
Kalutara	61	87	70	67	5802	4656
Kandy	108	119	320	334	6033	7449
Matale	33	41	40	118	1166	1645
Nuwara Eliya	4	3	16	11	173	220
Galle	39	44	155	158	3576	3358
Hambantota	18	9	32	11	1362	1189
Matara	13	22	29	56	1536	1535
Jaffna	78	97	12	35	2806	2045
Kilinochchi	2	1	1	3	118	85
Mannar	12	13	5	Nil	232	102
Vavuniya	4	Nil	Nil	Nil	84	128
Mullaitivu	1	Nil	5	Nil	24	129
Batticaloa	23	17	24	45	1157	2427
Ampara	2	7	3	4	155	209
Trincomalee	5	5	11	9	1072	2022
Kalmunai*	61	62	8	7	1541	1645
Kurunegala	40	25	110	113	2262	2923
Puttalam	99	156	105	108	2881	3500
Anuradhapura	4	9	13	9	531	620
Polonnaruwa	5	5	1	1	348	518
Badulla	58	53	10	113	1072	1154
Monaragala	12	4	26	13	470	572
Ratnapura	69	42	68	74	3129	3009
Kegalle	48	40	80	68	2696	3142
Total	1314	1406	1810	1969	67322	75015

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 (54)

MOH Area	Cases reported	
	Week 46	Week 47
WESTERN PROVINCE		
Colombo District		
Dehiwala	36	29
PitaKotte*	13	15
Maharagama	28	20
MC Colombo	112	72
Moratuwa	20	19
Nugegoda	29	19
Boralesgamuwa*	17	18
Battaramulla	19	16
Ratmalana*	15	20
Gothatuwa	30	29
Gampaha District		
Attanagalla*	3	23
Biyagama	28	20
Gampaha*	9	21
Ja-Ela*	14	16
Kelaniya	32	16
Dompe*	12	26
MC Negombo	25	24
Mirigama*	9	16
Ragama*	9	14
Wattala	21	19
Seeduwa	20	12
Kalutara District		
Panadura*	14	18

MOH areas with rising numbers than previous week*(32)

MOH areas with persistently high number of patients (39)

Newly identified high-risk MOH areas (14)

MOH Area	Cases reported	
	Week 46	Week 47
CENTRAL PROVINCE		
Kandy District		
Gangawatakorale	30	23
Harispattuw*	25	43
Kundasale	47	40
MC Kandy*	47	55
Medadumbara*	13	17
Poojapitiya*	8	13
Uduunuwara*	12	15
Wattegama	26	26
Yatinuwara	45	31
Menikhinna*	9	15
Matale District		
Matale*	12	28
Ukuwela*	7	27
MC Matale*	8	32
SOUTHERN PROVINCE		
Galle District		
Akmeemana*	13	16
Baddegama*	6	14
Bope (Poddala)*	4	14
MC Galle	60	55
Matara District		
MC Matara*	8	14
NORTHERN PROVINCE		
Jaffna District		

MOH Area	Cases reported	
	Week 46	Week 47
MC Jaffna*	0	10
Eastern Province		
Batticaloa District		
Eravur*	10	28
NORTHWESTERN PROVINCE		
Kurunegala District		
Kurunegala*	13	23
MC Kurunegala*	12	15
Puttalam District		
Kalpitiya*	13	19
Puttalam	25	21
Wennappuwa	17	14
Nattandiya*	18	24
UVA PROVINCE		
Badulla District		
Badulla*	3	75
SABARAGAMUWA PROVINCE		
Kegalle District		
Mawanella*	10	15
Ruwanwella	11	11
Warakapola	15	14
Ratnapura District		
Eheliyagoda*	13	14
Godakawela*	7	10

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 47

Hospital	Average Midnight Total		
	Week 46	Week 47	Chan
NH-Kandy	72	76	↑
NHSL	66	68	↑
PGH-Badulla	46	54	↑
NIID	58	54	↓
TH-Col-South	45	47	↑
TH-Karapitiya	48	46	↓
DGH- Negombo	40	42	↑
TH-Peradeniya	39	37	↓
DGH-Matale	36	33	↓
LRH	22	28	↑
BH-Marawila	25	24	↓
TH-Col-North	18	24	↑
DGH- Matara	18	18	-
BH- Wathupitiwala	11	17	↑

Hospital	Average Midnight Total		
	Week 46	Week 47	Chan
BH- Kiribathgoda	11	17	↑
TH-Jaffna	11	15	↑
BH-Puttalam	14	15	↑
TH-Ratnapura	15	15	-
DGH- Gampaha	12	14	↑
DGH-Kegalle	11	13	↑
TH-Kurunegala	9	11	↑
BH- Panadura	13	11	↓
BH- Warakapola	16	11	↓
DGH- Embilipitiya	10	9	↓
DGH-Avissawella	13	9	↓
BH- Mawanella	7	9	↑
BH- Balapitiya	6	8	↑
BH-Tangalle	10	7	↓

Hospital	Average Midnight Total		
	Week 46	Week 47	Chan
TH-Batticaloa	3	7	↑
BH- Mirigama	4	7	↑
TH- Kalutara	6	6	-
BH-Kahawatta	4	6	↑
BH-Gampola	7	6	↓
BH-Point Pedro	4	6	↑
BH-Nikaweratiya	3	5	↑
BH-Nawalapitiya	5	5	-
BH-Dambadeniya	4	4	-
DGH-Polonnaruwa	4	4	-
BH- Beruwala	5	4	↓
DGH-Chilaw	5	4	↓
DGH-Mannar	1	4	↑
BH-Thambuththegama	1	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 47 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, Kegalle, Kurunegala and Hambantota 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