



WEEKLY DENGUE UPDATE

Week 45 (6th – 12th November 2023)

National Dengue Control Unit, Ministry of Health

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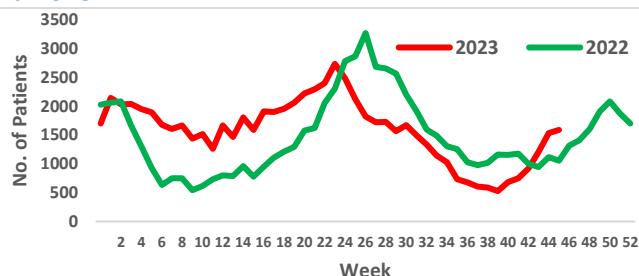
Week
45

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DENGUE CASE REPORTING

During 45th week, 1586 suspected dengue cases were reported in 24 districts in comparison to 1532, in 24 districts during the 44th week. There is 3.5% increase in 45th week, compared to the previous week. Of all reported cases, 41.7% were from Western Province [Colombo Municipal Council – 6.1%, rest of the Colombo District – 16.6%, Gampaha District -13.5% and Kalutara District – 5.5%]. Kandy [19.5%], Galle [6.8%], Puttalam [6.2%], Kurunegala [5.7%] and Kegalle [4.2%] 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 45th week, 45 MOH areas were flagged as high-risk. Of them, 23 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 44th and 45th weeks.

The MOH areas that were newly flagged as high-risk areas in 45th week are Mahara, Gampola, Medadumbara, Akmeemana, Batticaloa, Kuliyapitiya and Kalpitiya. The MOH areas that were flagged as high-risk in 44th week and not flagged for the current week are; PitaKotte, Gampaha, Bandaragama, Poojapitiya, Kurunegala and Badulla .

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 44th week shows an increase from 601 to 611.

Average midnight total of dengue patients in selected 73 hospitals was 684 in 45th week. In 30 hospitals, the average midnight total has increased and in 18 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 44 and 45 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 45	
	Week	Week	44	45	2022	2023
Colombo	190	172	315	360	15299	15076
Gampaha	239	218	206	214	10737	14378
Kalutara	48	57	78	87	5654	4519
Kandy	123	111	266	310	5806	6796
Matale	26	24	39	41	1092	1487
Nuwara Eliya	5	4	4	10	166	193
Galle	37	47	111	108	3493	3045
Hambantota	13	15	11	27	1335	1146
Matara	24	15	50	31	1501	1450
Jaffna	65	38	20	Nil	2631	1993
Kilinochchi	Nil	2	2	2	115	81
Mannar	5	14	8	2	207	97
Vavuniya	1	2	Nil	2	80	128
Mullaitivu	Nil	Nil	Nil	Nil	23	124
Batticaloa	20	20	30	36	1117	2358
Ampara	4	2	6	8	146	202
Trincomalee	17	4	12	11	1062	2002
Kalmunai*	33	40	4	2	1418	1630
Kurunegala	26	17	89	91	2197	2700
Puttalam	90	84	75	99	2626	3287
Anuradhapura	12	12	8	13	518	598
Polonnaruwa	5	6	5	6	338	516
Badulla	34	51	37	11	961	1031
Monaragala	10	9	14	12	454	533
Ratnapura	44	45	57	36	3018	2867
Kegalle	43	44	85	67	2608	2994
Total	1114	1053	1532	1586	64602	71231

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 (45)

MOH Area	Cases reported	
	Week 44	Week 45
WESTERN PROVINCE		
Colombo District		
Dehiwala	21	20
Piliyandala	15	11
Kaduwela*	18	28
Maharagama	22	22
MC Colombo*	75	96
Moratuwa	20	14
Nugegoda*	16	24
Battaramulla	19	10
Ratmalana	14	14
Gothatuwa*	29	31
Gampaha District		
Attanagalla	23	13
Biyagama*	16	20
Ja-Ela	13	10
Kelaniya	28	19
Dompe	26	19
Mahara*	7	17
MC Negombo*	16	21
Wattala	28	28

MOH areas with rising numbers than previous week*(23)

MOH areas with persistently high number of patients (39)

Newly identified high-risk MOH areas (6)

MOH Area	Cases reported	
	Week 44	Week 45
Kalutara District		
Kalutara (NIHS)	13	12
Panadura*	13	15
Ingiriya	11	10
CENTRAL PROVINCE		
Kandy District		
Gampola*	8	16
Gangawatakorale	24	22
Harispattuwawa	36	27
Kundasale*	40	46
MC Kandy*	45	57
Medadumbara*	7	14
Talatuoya*	10	13
Udunuwara	16	14
Wattegama*	18	20
Yatinuwara*	15	21
Menikhinna	11	11
Matale District		
Matale	20	12
MC Matale*	11	12
SOUTHERN PROVINCE		
Galle District		
Akmeemana*	7	12
MC Galle	51	43
Eastern Province		
Batticaloa District		
Batticaloa*	6	16
NORTHWESTERN PROVINCE		
Kurunegala District		
Kuliyapitiya*	9	10
Puttalam District		
Kalpitiya*	4	23
Puttalam*	11	12
Wennappuwa*	13	24
Nattandiya	25	11
SABARAGAMUWA PROVINCE		
Kegalle District		
Dehiowita	14	10
Mawanella	18	12
Warakapola*	13	15

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 45

Hospital	Average Midnight Total		
	Week 44	Week 45	Change
NH-Kandy	66	78	↑
NHSL	48	57	↑
NIID	50	39	↓
TH-Karapitiya	29	36	↑
TH-Col-South	31	35	↑
DGH-Matale	33	35	↑
PGH-Badulla	24	31	↑
TH-Peradeniya	26	30	↑
DGH- Negombo	25	30	↑
TH-Col-North	24	22	↓
LRH	23	21	↓
BH-Marawila	13	19	↑
DGH- Matara	10	15	↑
BH- Panadura	9	14	↑

Hospital	Average Midnight Total		
	Week 44	Week 45	Change
BH-Puttalam	7	12	↑
DGH- Embilipitiya	6	12	↑
BH- Warakapola	12	11	↓
BH- Kiribathgoda	9	10	↑
BH- Wathupitiwala	15	9	↓
DGH- Gampaha	10	9	↓
DGH-Avissawella	10	9	↓
TH- Ratnapura	8	9	↑
TH- Kalutara	9	8	↓
DGH- Kegalle	11	8	↓
BH- Nikaweratiya	7	7	-
DGH-Chilaw	2	7	↑
TH- Kurunegala	6	7	↑
BH-Gampola	8	7	↓

Hospital	Average Midnight Total		
	Week 44	Week 45	Change
BH-Balapitiya	7	6	↓
DGH- Horana	6	6	-
BH- Mawanella	7	5	↓
BH-Dambadeniya	2	5	↑
BH-Nawalapitiya	5	5	-
DGH-Ampara	3	5	↑
TH-Jaffna	5	5	-
DGH-Polonnaruwa	2	5	↑
TH-Batticaloa	3	5	↑
BH-Tangalle	2	4	↑
BH- Beruwala	4	4	-
BH- Kahawatta	3	4	↑
BH-Tissamaharama	4	4	-
BH-Point Pedro	5	4	↓

KEY ACTIVITIES CONDUCTED DURING WEEK 45 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 and Batticaloa districts.
- In view of the local outbreaks in CMC area extensive entomological surveys were conducted in the six MOH areas, targeting the public institutions and intersectoral actions were strengthen for dengue prevention and sustainable control.

OUR LIVES, OUR RESPONSIBILITY