



WEEKLY DENGUE UPDATE

17th April 2023 – 23rd April 2023

National Dengue Control Unit, Ministry of Health



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Week
16

DENGUE CASE REPORTING

During the week 16, 1909 suspected dengue cases were reported in 26 districts in comparison to 1584 cases in 26 districts during the week 15. There is a 20.5% increase in week 16, compared to the previous week. Of all reported cases 48.5% were from Western Province [Colombo Municipal Council – 3.9%, Rest of the Colombo District – 13.4%, Gampaha District – 24.5% and Kalutara District – 6.8%]. Batticaloa [6.3%], Trincomalee [6.1%], Kandy [4.9%], Rathnapura [4.6%] and Kegalle [3.9%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Fifty-five MOH areas were flagged as high-risk areas during week 16. Out of them, 18 MOH areas showed a rising number of cases in week 16 compared to the week 15, and another 37 MOH areas showed persistently high number of cases in both weeks 16 and 15 (Table 2).

In week 16, high risk levels of Hanwella, Bandaragama, Walasmulla, MC Galle, Chenkalady, Eravur, Kalpitiya and PS Rathnapura MOH areas have come down Piliyandala, Kolonnawa, Pitakotte, Moratuwa, Nugegoda, Minuwangoda, Baruwala (NIHS), Horana, Kalutara (NIHS), MC Kandy, Galewela, Akmeemana, Hambantota, Akuressa, Point Pedro, Kurunegala, Eheliyagoda, Kuruwita, Dehiowita, Kegalle and Ruwanwella MOH areas were newly identified as high-risk areas.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 73 hospitals throughout the country was 666 and 684 during the weeks 15 and 16 respectively. In 22 hospitals, the average midnight total has decreased and in 29 hospitals the average mid night total has increased in the week 16 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of dengue admissions in the week 16 are displayed in Table 3.

**Average midnight total of the 15th week shows a decrease from 680 to 666 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023

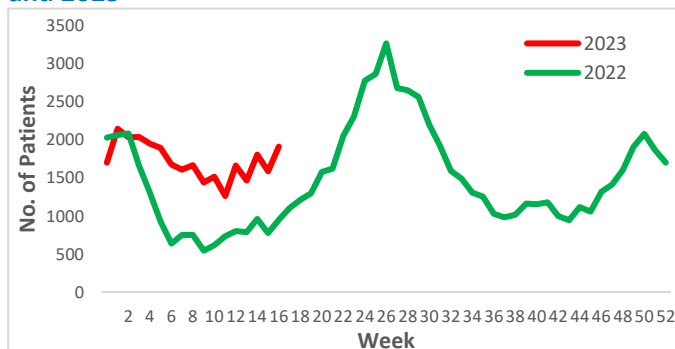


Table 1: Reported dengue cases in week 16 and 15 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 16	
	Week		Week		2022	2023
	15	16	15	16		
Colombo	142	203	333	329	3644	5768
Gampaha	73	100	356	468	2408	6204
Kalutara	69	146	104	129	1517	1600
Kandy	33	44	67	94	710	1196
Matale	8	10	31	47	154	430
Nuwara Eliya	2	1	2	2	43	41
Galle	64	62	53	57	1026	755
Hambantota	30	22	27	50	280	424
Matara	17	45	18	25	339	469
Jaffna	48	77	56	52	991	1069
Kilinochchi	2	1	1	3	45	46
Mannar	Nil	4	6	5	133	52
Vavuniya	1	Nil	6	2	40	67
Mullaitivu	1	Nil	7	2	7	55
Batticaloa	44	25	136	120	423	1125
Ampara	5	7	13	7	56	73
Trincomalee	43	36	94	116	500	1016
Kalmunai*	33	31	44	31	411	1171
Kurunegala	12	12	39	70	817	941
Puttalam	19	25	50	63	931	2246
Anuradhapura	6	7	8	14	156	200
Polonnaruwa	1	4	17	23	43	218
Badulla	9	11	4	23	295	383
Monaragala	3	6	10	15	124	146
Rathnapura	62	50	53	87	771	919
Kegalle	48	21	49	75	439	986
Total	775	950	1584	1909	16303	27600

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

MOH Area	Cases reported	
	Week 15	Week 16
WESTERN PROVINCE		
Colombo District		
Dehiwala	16	17
Piliyandala	9	18
Homagama	16	11
Kaduwela	40	11
Kolonnawa	3	11
Pitakotte	4	10
Maharagama	26	27
MC Colombo	67	74
Moratuwa	8	17
Nugegoda	7	22
Battaramulla	31	17
Ratmalana	14	11
Gothatuwa	41	29
Gampaha District		
Attanagalla	36	57
Biyagama	23	28
Divulapitiya	10	15
Gampaha	24	29
Ja-Ela	24	33
Katana	14	22
Kelaniya	38	24
Dompe	14	23
Mahara	22	28
MC Negombo	55	62

MOH Area	Cases reported	
	Week 15	Week 16
Minuwangoda	7	13
Mirigama	15	14
Ragama	10	20
Wattala	42	73
Seeduwa	17	19
Kalutara District		
Beruwala (NIHS)	8	20
Horana	5	14
Kalutara (NIHS)	7	10
Panadura	38	24
Wadduwa	19	21
CENTRAL PROVINCE		
Kandy District		
MC Kandy	9	15
Poojapitiya	18	17
Matale District		
Galewela	8	10
SOUTHERN PROVINCE		
Hambantota District		
Hambantota	6	14
Galle District		
Akmeemana	2	11
Matara District		
Akuressa	2	11
NORTHERN PROVINCE		
Jaffna District		

MOH Area	Cases reported	
	Week 15	Week 16
Point Pedro	6	10
Karaveddy	13	11
EASTERN PROVINCE		
Batticaloa District		
Batticaloa	41	32
Kattankudy	10	22
Korali Pattu (Central)	29	18
Trincomalee District		
Trincomalee	38	38
Kuchchavelly	11	11
Uppuveli	34	43
NORTH WESTERN PROVINCE		
Puttalam District		
Puttalam	14	17
Kurunegala District		
Kurunegala	4	14
SABARAGAMUWA PROVINCE		
Kegalle District		
Dehiovita	6	12
Kegalle	6	10
Ruwanwella	1	11
Yatiantota	10	18
Rathnapura District		
Eheliyagoda	3	25
Kuruwita	4	15

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 16

Hospital	Average Midnight Total		
	Week 15	Week 16	Change
DGH- Negombo	58	66	↑
NIID	49	52	↑
DGH-Trincomalee	37	48	↑
NHSL	52	41	↓
TH-Col-South	26	39	↑
TH-Col-North	36	37	↑
BH- Wathupitiwala	26	24	↓
LRH	18	22	↑
TH-Batticaloa	26	21	↓
BH- Panadura	19	20	↑
DGH- Gampaha	12	19	↑
BH- Kiribathgoda	19	18	↓
TH-Karapitiya	16	15	↓
TH-Kandy	15	14	↓

Hospital	Average Midnight Total		
	Week 15	Week 16	Change
TH-Peradeniya	15	13	↓
DGH-Chilaw	7	12	↑
TH-Ratnapura	18	12	↓
DGH-Kegalle	10	12	↑
DGH-Hambantota	13	12	↓
BH-Valaichchenai	13	12	↓
DGH- Embilipitiya	11	12	↑
BH-Puttalam	12	11	↓
TH- Kalutara	9	10	↑
BH-Point Pedro	10	10	-
DGH-Avissawella	11	9	↓
BH- Warakapola	7	9	↑
DGH-Matale	6	9	↑
BH-Nikaweratiya	5	7	↑

Hospital	Average Midnight Total		
	Week 15	Week 16	Change
BH-Kalmunai AMH	5	6	↑
BH-Dambulla	14	6	↓
DGH-Ampara	4	6	↑
BH-Kahawatta	5	5	-
TH-Kurunegala	5	5	-
DGH Matara	7	5	↓
PGH-Badulla	3	5	↑
DGH-Polonaruwa	5	5	-
DGH- Horana	2	4	↑
BH-Gampola	2	4	↑
BH-Balapitiya	3	4	↑
BH- Mirigama	5	4	↓
BH- Beruwala	1	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 16 of 2023

- Dengue outbreak preparedness meeting with Western, Eastern and Northern Provinces headed by the Director General of Health Services
- Discussion with Trincomalee and Batticaloa districts via Zoom regarding the ongoing outbreak situation.
- Meeting with the Governor of Western Province for preparation of the special provincial dengue control week.