



WEEKLY DENGUE UPDATE



1st May 2023 – 7th May 2023

National Dengue Control Unit, Ministry of Health

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Week
18

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DENGUE CASE REPORTING

During the week 18, 1954 suspected dengue cases were reported in 25 districts in comparison to 1896 cases in 26 districts during the week 17. There is a 3.0% increase in week 18, compared to the previous week. Of all reported cases 51.7% were from Western Province [Colombo Municipal Council - 4.1%, Rest of the Colombo District – 16.9%, Gampaha District -24.3% and Kalutara District – 6.3%]. Kandy [7.0%], Batticaloa [5.4%], Trincomalee [5.5%], and Kegalle [4.1%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Fifty-nine MOH areas were flagged as high-risk areas during week 18. Out of them, 19 MOH areas showed a rising number of cases in week 18 compared to the week 17, and another 40 MOH areas showed persistently high number of cases in both weeks 18 and 17 (Table 2).

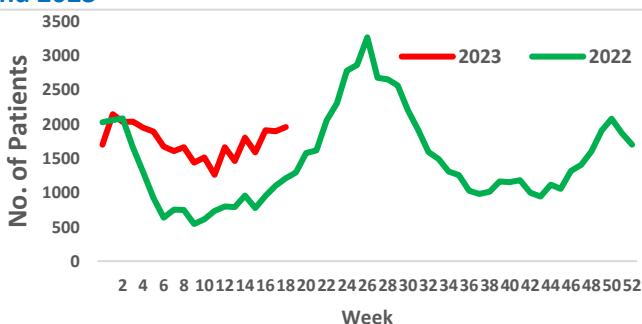
In week 18, high risk levels of Wadduwa, Udunuwara, Wattegama, Akurella, Walasmulla, Uduvil, Oddamavadai, Puttalam, Badulla, Kuruwita, Ruwanwella and Kalmunai South MOH areas have come down. Kolonnawa, Pitakotte, Minuwangoda, Mirigama, Ingiriya, Gampola, Gangawatakorale, Talatuoja, Yatinuwara, Karaveddy, Pannala, Arachchikattuwa, Dehiowita, Kegalle, Mawanella, Rambukkana and Akkaraipattu 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 694 and 725 during the weeks 17 and 18 respectively. In 35 hospitals, the average midnight total has increased and in 14 hospitals the average mid night total has decreased in the week 18 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 18 are displayed in Table 3.

**Average midnight total of the 18th week shows an increase from 675 to 694 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023



Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit)

Table 1: Reported dengue cases in week 18 and 17 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 18	
	Week	Week	17	18	2022	2023
Colombo	207	248	405	412	4099	6585
Gampaha	103	132	394	475	2643	7073
Kalutara	121	163	130	125	1801	1855
Kandy	75	76	108	136	861	1440
Matale	6	15	36	24	175	490
Nuwara Eliya	Nil	2	7	8	45	56
Galle	112	76	67	76	1214	898
Hambantota	25	31	38	28	336	490
Matara	38	38	19	31	415	519
Jaffna	88	81	60	49	1160	1178
Kilinochchi	4	2	1	2	51	49
Mannar	3	Nil	3	Nil	136	55
Vavuniya	Nil	1	4	3	41	74
Mullaitivu	2	Nil	3	3	9	61
Batticaloa	41	46	140	106	510	1371
Ampara	1	2	2	4	59	79
Trincomalee	92	70	156	97	662	1269
Kalmunai*	25	23	37	44	459	1252
Kurunegala	27	33	59	58	877	1058
Puttalam	27	30	37	57	988	2340
Anuradhapura	5	9	22	18	170	240
Polonnaruwa	Nil	5	15	11	48	244
Badulla	8	6	20	28	309	431
Monaragala	4	10	17	14	138	177
Rathnapura	54	48	54	64	873	1037
Kegalle	34	62	62	81	535	1129
Total	1102	1209	1896	1954	18614	31450

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 17	Week 18
WESTERN PROVINCE		
Colombo District		
Dehiwala	14	16
Piliyandala	25	30
Homagama	17	23
Kaduwela	32	29
Kolonnawa	8	14
Pitakotte	5	12
Maharagama	37	27
MC Colombo	65	80
Moratuwa	10	10
Nugegoda	17	12
Hanwella	12	20
Battaramulla	37	26
Ratmalana	26	23
Gothatuwa	42	46
Gampaha District		
Attanagalla	21	24
Biyagama	31	44
Divulapitiya	22	10
Gampaha	20	30
Ja-Ela	29	35
Katana	22	21
Kelaniya	36	47
Dompe	11	22
Mahara	22	23
MC Negombo	61	50

MOH Area	Cases reported	
	Week 17	Week 18
Minuwangoda	7	16
Mirigama	8	13
Ragama	19	42
Wattala	55	71
Kalutara District		
Beruwala (NIHS)	29	22
Horana	12	12
Panadura	31	36
Ingiriya	5	10
CENTRAL PROVINCE		
Kandy District		
Gampola	5	13
Gangawatakorale	5	10
MC Kandy	23	28
Poojapitiya	10	13
Talatuoya	3	13
Yatinuwara	8	13
SOUTHERN PROVINCE		
Galle District		
MC Galle	11	14
NORTHERN PROVINCE		
Jaffna District		
Point Pedro	11	11
Karaveddy	9	12
EASTERN PROVINCE		
Batticaloa District		
Batticaloa	27	25

MOH Area	Cases reported	
	Week 17	Week 18
Chenkalady	12	15
Kattankudy	18	11
Eravur	37	15
Korali Pattu (Central)	15	14
Trincomalee District		
Trincomalee	55	22
Kuchchavely	12	14
Uppuveli	54	35
Kalmunai District		
Akkaraipattu	4	11
NORTH WESTERN PROVINCE		
Puttalam District		
Arachchikattuwa	2	12
Kurunegala District		
Kurunegala	11	13
Pannala	1	10
SABARAGAMUWA PROVINCE		
Kegalle District		
Dehiowita	7	10
Kegalle	6	10
Mawanella	9	22
Rambukkana	4	12
Yatiyantota	10	10
Rathnapura District		
Eheliyagoda	10	19

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 18

Hospital	Average Midnight Total		
	Week 17	Week 18	Change
DGH- Negombo	63	65	↑
NHSL	45	48	↑
NIID	63	47	↓
TH-Col-North	42	45	↑
TH-Col-South	39	42	↑
DGH-Trincomalee	40	30	↓
LRH	25	30	↑
TH-Kandy	26	30	↑
BH- Panadura	22	26	↑
TH-Karapitiya	12	23	↑
BH- Kiribathgoda	16	19	↑
TH-Batticaloa	22	19	↓
BH- Wathupitiwala	12	15	↑
TH-Ratnapura	11	15	↑
DGH-Kegalle	15	15	-
TH-Peradeniya	17	14	↓

Hospital	Average Midnight Total		
	Week 17	Week 18	Change
DGH- Gampaha	10	13	↑
TH- Kalutara	11	12	↑
DGH- Embilipitiya	14	12	↓
DGH-Avissawella	7	11	↑
DGH-Chilaw	8	11	↑
PGH-Badulla	10	11	↑
BH- Warakapola	7	11	↑
DGH-Hambantota	15	9	↓
BH- Valachchenai	8	9	↑
BH-Puttalam	8	9	↑
BH- Beruwala	7	8	↑
BH- Balapitiya	6	8	↑
BH- Point Pedro	10	8	↓
BH-Dambulla	9	7	↓
DGH-Matale	7	7	-
BH-Balangoda	4	5	↑

Hospital	Average Midnight Total		
	Week 17	Week 18	Change
BH-Gampola	5	5	-
DGH- Horana	3	5	↑
DGH- Mawanella	5	5	-
BH-Kahawatta	4	5	↑
DGH-Polonnaruwa	4	5	↑
BH- Mirigama	4	4	-
BH- Minuwangoda	2	4	↑
BH- Nikaweratiya	5	4	↓
BH-Tangalle	1	4	↑
DGH Matara	5	4	↓
BH-Dambadeniya	3	4	↑
TH-Kurunegala	6	4	↓
BH-Kalmunai	3	4	↑
TH-Anuradhapura	3	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 18 of 2023

- A Special Mosquito Control Week was conducted in Western Province from 26th April to 2nd May
- Dengue training programme for Intern medical officers and newly appointed nursing officers of NIID on 3rd & 4th of May