



WEEKLY DENGUE UPDATE

23rd January 2023 – 29nd January 2023

National Dengue Control Unit, Ministry of Health



ISSN 2950-7243



Week
04

Year 2023 Volume: 03 Issue: 04

DENGUE CASE REPORTING

During the week 04, 1944 suspected dengue cases were reported in 23 districts in comparison to 2032 cases in 26 districts during the week 03. There is a 4.3% decrease in week 04, compared to the previous week. Of all reported cases 51.4% were from Western Province [Colombo Municipal Council – 4.6%, Rest of the Colombo District – 17.3%, Gampaha District – 22.9% and Kalutara District – 6.6%]. Puttalam [9.8%], Kalmunai [5.6%], Kandy [4.5%], Jaffna [4.2%] and Kurunegala [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 04. Out of them, 07 MOH areas showed a rising number of cases in week 04 compared to the week 03, and another 50 MOH areas showed persistently high number of cases in both weeks 04 and 03 (Table 2).

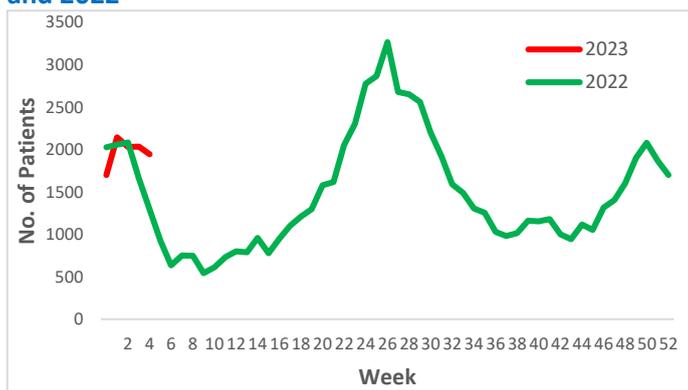
In week 04 high risk levels of Akuressa, Nallur, Kalmunai North, Anamaduwa, Mundel, Mahawewa and Kegalle MOH areas have come down while Pitakotte, Boralessgamuwa, Sandilipay, Uppuveli, Kurunegala, Arachchikattuwa, Embilipitiya, Kuruwita and Yatiyantota MOH areas were newly identified as high-risk areas.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 75 hospitals throughout the country was 702 and 679 during the weeks 03 and 04 respectively. In 20 hospitals, the average midnight total has decreased and in 26 hospitals the average mid night total has increased in the week 04 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 04 are displayed in Table 3.

**Average midnight total of the 03rd week shows a decrease from 706 to 702 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2021 and 2022



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

Table 1: Reported dengue cases in week 04 and 03 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 04	
	Week		Week		2022	2023
	03	04	03	04		
Colombo	411	277	394	426	1779	1705
Gampaha	305	170	437	446	1374	1740
Kalutara	120	99	110	128	554	473
Kandy	73	83	66	87	342	339
Matale	25	16	14	26	69	106
Nuwara Eliya	4	2	4	2	19	9
Galle	83	69	47	43	357	198
Hambantota	26	32	24	16	114	64.00
Matara	31	17	41	25	129	127
Jaffna	79	85	85	82	242	398
Kilinochchi	12	5	4	3	22	14
Mannar	25	15	1	Nil	96	18
Vavuniya	6	8	3	1	24	8
Mullaitivu	Nil	1	1	Nil	2	35
Batticaloa	26	15	52	39	99	155
Ampara	8	4	3	Nil	27	9
Trincomalee	41	27	38	43	115	128
Kalmunai*	42	30	163	108	116	525
Kurunegala	109	82	61	80	463	270
Puttalam	96	84	294	190	422	1014
Anuradhapura	9	32	17	14	68	57
Polonnaruwa	3	5	12	18	24	70
Badulla	25	42	30	32	186	138
Monaragala	14	13	12	7	47	45
Rathnapura	62	44	43	54	236	218
Kegalle	20	40	76	74	164	285
Total	1655	1297	2032	1944	7090	8148

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 03	Week 04
WESTERN PROVINCE		
Colombo District		
Dehiwala	23	20
Piliyandala	5	14
Homagama	15	13
Kaduwela	17	25
PitaKotte	11	10
Maharagama	13	43
MC Colombo	123	89
Moratuwa	23	24
Nugegoda	7	11
Boralessgamuwa	2	10
Hanwella	18	12
Battaramulla	17	26
Ratmalana	12	19
Egoda Uyana	20	10
Gothatuwa	29	52
Gampaha District		
Attanagalla	20	27
Biyagama	35	46
Divulapitiya	11	17
Gampaha	29	31
Ja-Ela	45	35
Katana	21	19
Kelaniya	34	44
Dompe	25	16
Mahara	13	18

MOH Area	Cases reported	
	Week 03	Week 04
MC Negombo	64	40
Minuwangoda	20	29
Ragama	21	23
Wattala	36	59
Seeduwa	42	29
Kalutara District		
Beruwela (NIHS)	21	19
Kalutara (NIHS)	16	9
Panadura	25	33
Wadduwa	10	20
CENTRAL PROVINCE		
Kandy District		
MC Kandy	12	18
SOUTHERN PROVINCE		
Matara District		
Akuressa	7	16
NORTHERN PROVINCE		
Jaffna District		
MC Jaffna	35	18
Sandilipay	6	12
EASTERN PROVINCE		
Kalmunai District		
Akkaraipattu	39	14
Samanthurai	48	26
Alayadivembu	13	13
Addalaichenai	15	18
Sainthamaruthu	13	14

MOH Area	Cases reported	
	Week 03	Week 04
Batticaloa District		
Batticaloa	17	9
Eravur	11	12
Trincomalee District		
Trincomalee	14	17
Uppuveli	8	10
NORTH WESTERN PROVINCE		
Puttalam District		
Arachchikattuwa	9	10
Chilaw	60	67
Dankotuwa	25	11
Kalpitiya	67	27
Puttalam	42	20
Wennappuwa	21	14
Madampe	17	14
Kurunegala District		
Kurunegala	9	11
UVA PROVINCE		
Badulla District		
Badulla	13	13
SABARAGAMUWA PROVINCE		
Kegalle District		
Mawanella	25	23
Yatiantota	5	10
Rathnapura District		
Eheliyagoda	10	11
Embilipitiya	7	10
Kuruwita	3	10

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 04

Hospital	Average Midnight Total		
	Week 03	Week 04	Change
DGH- Negombo	82	83	↑
NIID	55	63	↑
NHSL	53	51	↓
DGH-Chilaw	36	41	↑
TH-Col South	45	36	↓
TH-Col North	27	32	↑
DGH- Gampaha	19	25	↑
BH- Panadura	17	21	↑
BH- Kiribathgoda	15	21	↑
BH-Marawila	22	19	↓
DGH-Trincomalee	14	17	↓
LRH	30	17	↓
PGH-Badulla	12	17	↑
BH- Wathupitiwala	16	16	-

Hospital	Average Midnight Total		
	Week 03	Week 04	Change
NH-Kandy	12	16	↑
TH- Kalutara	14	13	↓
BH-Avissawella	12	12	-
DGH-Kegalle	8	12	↑
TH-Peradeniya	12	11	↓
TH-Karapitiya	13	11	↓
BH-Kalmunai AMH	11	10	↓
TH-Batticaloa	9	9	-
DGH-Matara	5	9	↑
TH-Ratnapura	5	7	↑
BH- Mawanella	6	7	↑
DGH- Embilipitiya	8	7	↓
BH- Warakapola	6	6	-
TH-Jaffna	10	6	↓

Hospital	Average Midnight Total		
	Week 03	Week 04	Change
BH- Minuwangoda	3	5	↑
DGH-Polonnaruwa	3	5	↑
BH-Gampola	2	5	↑
TH-Kurunegala	4	5	↑
BH-Balapitiya	5	5	-
DGH- Horana	6	4	↓
BH-Dambadeniya	2	4	↑
BH-Matale	5	4	↓
BH- Mirigama	3	4	↑
BH-Dambulla	4	4	-
TH-Anuradhapura	4	4	-
BH-Kalmunai North	9	4	↓

KEY ACTIVITIES CONDUCTED DURING WEEK 04 of 2023

- Field supervision of high-risk MOH areas in the Jaffna district and Provincial review of dengue control activities in the Northern Province was conducted under the chairmanship of Dr. Mahendra Arnold, Deputy Director General (PHS) 1.