

# WEEKLY DENGUE UPDATE

25<sup>th</sup> April 2022 - 01<sup>st</sup> May 2022

National Dengue Control Unit, Ministry of Health

# **DENGUE CASE REPORTING**

During the week 17, 1102 suspected dengue cases were reported in 23 districts in comparison to 950 cases in 24 districts during the week 16. There is a 16.0% increase in week 17, compared to the previous week. Of all reported cases 39.1% were from Western Province [Colombo Municipal Council – 4.9%, Rest of the Colombo District – 13.9%, Gampaha District – 9.3% and Kalutara District – 11.0%]. Jaffna [8.0%], Trincomalee [8.3%], Ratnapura [4.9%], Galle [10.2%] and Kandy [6.8%] districts also has reported higher number of cases (Table 1).

### **HIGH RISK MOH AREAS**

Seventy-one MOH areas were flagged as high-risk areas during week 17. Out of them, 25 MOH areas showed rising number of cases in week 17 compared to the week 16, and another 19 MOH areas show persistently high number of cases in both weeks 16 and 17 (Table 2).

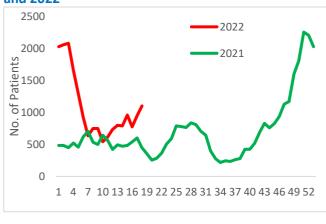
In week 17 high risk level of Boralesgamuwa, Kahathuduwa, Katana, Minuwangoda, Mirigama, Seeduwa, Elpitiya, Chavakachcheri, Point Pedro, Tellippalai, Nallur, MC Rathnapura, Kalmunai South and Embilipitiya MOH areas have come down while Pitakotte, Gampaha, Dompe, Mahara, Wadduwa, Gampola, Gangawatakorale, Yatinuwara, Balapitiya, Habaraduwa, Kayts, Kopay and Sandilipay MOH Areas were newly identified as high-risk areas.

### MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 69 hospitals throughout the country was 311\* and 390 during the weeks 16 and 17 respectively. In 20 hospitals, the average midnight total has decreased in the week 17 when compared with the previous week (Table 3).

\*Average midnight total of the 16<sup>th</sup> week shows an increase from 308 to 311 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 17 and week 16 of 2022

Week

	No. of cases					
District	20	021	2022		Up to Week 17	
District	Week Week		2021	2022		
	16	17	16	17	2021	
Colombo	210	196	203	207	2075	3851
Gampaha	80	60	100	103	887	2511
Kalutara	52	33	146	121	453	1638
Kandy	20	14	44	75	304	785
Matale	2	4	10	6	47	160
Nuwara Eliya	4	Nil	1	Nil	28	43
Galle	13	7	62	112	128	1138
Hambantota	10	3	22	25	119	305
Matara	9	4	45	38	131	377
Jaffna	Nil	Nil	77	88	29	1079
Kilinochchi	1	Nil	1	4	11	49
Mannar	1	Nil	4	3	20	136
Vavuniya	Nil	Nil	Nil	Nil	25	40
Mullaitivu	Nil	Nil	Nil	2	0	9
Batticaloa	65	50	25	41	3048	464
Ampara	2	3	7	1	26	57
Trincomalee	14	1	36	92	105	592
Kalmunai	15	13	31	25	180	436
Kurunegala	28	22	12	27	401	844
Puttalam	20	4	25	27	196	958
Anuradhapura	10	5	7	5	101	161
Polonnaruwa	Nil	1	4	Nil	14	43
Badulla	8	2	11	8	74	303
Monaragala	2	Nil	6	4	41	128
Rathnapura	18	13	50	54	270	825
Kegalle	18	13	21	34	223	473
Total	602	448	950	1102	8936	17405

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

Districts reporting higher number of cases

## Table 2: High risk MOH areas

MOH AreaWeek 16Week 17Dehiwala129Piliyandala106Homagama96Kaduwela119PitaKotte/Nawala448Maharagama1617MC Colombo4754Moratuwa6610Nugegoda1211Hanwella/Avissawella668Battaramulla1512Ratmalana810Egoda Uyana79Gothatuwa1319Gampaha District10Attanagalla710Biyagama1317Gampaha488Kelaniya1010Dompe27Mahara88MC Negombo79Vattala35Kalutara District34Mahara8MC Negombo79Vattala35Kalutara District34Mahara335Kalutara (NIHS)3431Horana1218Kalutara (NIHS)1411			s reported		
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Homagama   9   6     Kaduwela   11   9     PitaKotte/Nawala   4   8     Maharagama   16   17     MC Colombo   47   54     Moratuwa   6   10     Nugegoda   12   11     Hanwella/Avissawella   6   8     Battaramulla   15   12     Ratmalana   8   10     Egoda Uyana   7   9     Gothatuwa   13   19     Gampaha District   13   17     Gampaha   13   17     Gampaha   4   9     Ja-Ela   5   8     Kelaniya   10   10     Dompe   2   7     Mahara   8   8     MC Negombo   7   9     Wattala   3   5     Kalutara District   34   31     Bandaragama   13   11     Beruwela (NIHS)   34	Dehiwala	12	9		
Kaduwela   11   9     PitaKotte/Nawala   4   8     Maharagama   16   17     MC Colombo   47   54     Moratuwa   6   10     Nugegoda   12   11     Hanwella/Avissawella   6   8     Battaramulla   15   12     Ratmalana   8   10     Egoda Uyana   7   9     Gothatuwa   13   19     Gampaha District   7   10     Biyagama   13   17     Gampaha   4   9     Ja-Ela   5   8     Kelaniya   10   10     Dompe   2   7     Mahara   8   8     MC Negombo   7   9     Wattala   3   5     Kalutara District   34   31     Bandaragama   13   11     Beruwela (NIHS)   34   31     Horana   12	Piliyandala	10	6		
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Dompe27Mahara88MC Negombo79Wattala35Kalutara District3Bandaragama1311Beruwela (NIHS)3431Horana128Kalutara (NIHS)1710	Ja-Ela	5	8		
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Horana128Kalutara (NIHS)1710	Bandaragama	13	11		
Kalutara (NIHS) 17 10	Beruwela (NIHS)	34	31		
	Horana	12	8		
Mathugama 14 11	Kalutara (NIHS)	17	10		
	Mathugama	14	11		

	Cases reported			
MOH Area	Week 16	Week 17		
Panadura	32	30		
Wadduwa	3	5		
Central Province				
Kandy District				
Gampola	0	5		
Gangawatakorale (University park)	1	7		
Harispattuwa	12	12		
MC Kandy	9	16		
Yatinuwara	2	13		
Southern Province				
Galle District	r			
Akmeemana	8	17		
Baddegama	5	10		
Balapitiya	1	6		
Bope(Poddala)	6	11		
Habaraduwa	1	10		
MC Galle	20	39		
Hambantota District				
Walasmulla	6	10		
Matara District				
Weligama	8	6		
MC Matara	15	13		
Northern Province				
Jaffna District	1			
Kayts	5	5		
Корау	4	9		
MC Jaffna	13	31		
Sandilipay	0	12		
Karaveddy	22	11		
Eastern Province				
Trincomalee District				

	Cases reported			
MOH Area	Week 16	Week 17		
Trincomalee	6	22		
Kinniya	5	6		
Mutur	7	11		
Uppuveli	4	14		
Trincomalee (Naval base)	7	27		
Batticaloa District				
Batticaloa	9	10		
Chenkalady	3	5		
Kaluwanchikudy	3	5		
Eravur	4	9		
Kalmunai District				
Akkaraipattu	6	8		
Kalmunai South	2	6		
Alayadivembu	17	8		
North Western Province				
Puttalam District				
Kalpitiya	12	9		
Puttalam	4	11		
Sabaragamuwa Province				
Rathnapura District				
Balangoda	4	5		
Eheliyagoda	3	9		
Kuruwita	13	13		
PS Ratnapura	4	6		
Elapatha	4	5		
Kiriella	2	6		
Kegalle District				
Dehiovita	4	6		
Warakapola	0	7		
Yatiyantota	2	5		

# Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 17

Hospital	Average Midnight Total		
	Week 16	Week 17	Change
TH-Karapitiya	20	36	+
TH-Ratnapura	17	22	+
TH-Colombo South	20	22	+
TH- Kalutara	18	21	1
NHSL	16	20	1
BH- Panadura	14	20	1
NIID	12	18	+
NH-Kandy	9	17	1
DGH-Trincomalee	11	16	+
DGH-Matara	5	14	+
DGH- Negombo	16	14	ŧ

Hospital	Average Midnight Total		
	Week 16	Week 17	Change
TH-Peradeniya	6	13	+
LRH	8	11	+
BH-Point Pedro	17	11	+
DGH-Kegalle	6	10	+
TH-Batticaloa	7	9	+
BH-Tangalle	4	9	+
TH-Jaffna	5	7	+
BH-Avissawella	5	7	+
BH-Balapitiya	4	6	+
CNTH Ragama	7	6	+
BH- Horana	6	6	-

Hospital	Avera	age Midnigh	t Total
	Week 16	Week 17	Change
BH-Valaichchenai	3	6	+
BH- Kiribathgoda	3	6	+
DGH- Embilipitiya	5	5	-
DGH- Gampaha	7	5	+
BH-Kamburupitiya	3	4	+
PGH-Badulla	2	4	+
BH- Warakapola	5	4	ŧ
BH- Wathupitiwala	5	4	÷
BH-Kalmunai North	3	3	-

### **KEY ACTIVITIES CONDUCTED DURING WEEK 17**

Workshop for Medical Officers of Health in Rathnapura and Kegalle districts on dengue prevention and control [Virtual]

Training for Public Health Staff in Kegalle district on Integrated Vector Management.

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