



WEEKLY DENGUE UPDATE

Week 01 (1st – 7th January 2024)

National Dengue Control Unit, Ministry of Health

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Week
01

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DENGUE CASE REPORTING

During 1st week of 2024, 2279 suspected dengue cases were reported in 26 districts in comparison to 2770, in 26 districts during the 52nd week of 2023. There is 17.7% decrease in 1st week, compared to the previous week. Of all reported cases, 31.6% were from Western Province [Colombo Municipal Council – 6.8%, rest of the Colombo District – 11.4 %, Gampaha District – 10.2% and Kalutara District – 3.2%]. Jaffna [20.8%], Kandy [7.6%], Puttalam [5.1%], Batticaloa [4.9%], Badulla 4.3%], Kurunegala [3.9%] and Ratnapura [3.3%] districts also have reported higher number of cases (Table 1).

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2023 and 2024



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

HIGH RISK MOH AREAS (Table 2)

During 1st week, 67 MOH areas were flagged as high-risk. Of them, 43 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 57 MOH areas in both 52nd and 1st weeks.

The MOH areas that were newly flagged as high-risk areas in 1st week are Boralesgamuwa, Bandaragama, Wadduwa, Aranyaka, Eheliyagoda, Kiriella, Habaraduwa, Manthai west, Vavuniya, and Alayadivembu. The MOH areas that were flagged as high-risk in 52nd week and not flagged for the current week are; Egoda Uyana, MC Negombo, Warakapola, Ruwanwella, Kuruvita, Gampola, Menikhinna, Galewela, MC Galle, Thirukkovil, Kuliyapitiya and Ibbagamuwa.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 52nd week shows an increase from 961 to 969.

In 1st week average midnight total of dengue patients in selected 68 hospitals was 942. In 30 hospitals, the average midnight total has increased and in 25 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 1st week are illustrated in Table 3.

Table 1: Reported dengue cases in week 52, 2023 and 1 of 2024

District/ RDHS	No. of cases					
	Week		Week		Up to Week 01	
	2022 52	2023 01	2023 52	2024 01	2023	2024
Colombo	325	433	554	415	433	415
Gampaha	290	440	181	233	440	233
Kalutara	92	112	63	72	112	72
Kandy	56	100	248	174	100	174
Matale	27	39	67	18	39	18
Nuwara Eliya	9	1	12	7	1	7
Galle	51	43	99	31	43	31
Hambantota	14	10	40	11	10	11
Matara	45	33	17	7	33	7
Jaffna	114	128	582	473	128	473
Kilinochchi	7	4	10	18	4	18
Mannar	Nil	Nil	37	52	Nil	52
Vavuniya	2	3	10	7	3	7
Mullaitivu	2	32	16	41	32	41
Batticaloa	17	36	148	111	36	111
Ampara	8	3	4	11	3	11
Trincomalee	29	16	29	46	16	46
Kalmunai*	150	147	46	56	147	56
Kurunegala	46	56	151	89	56	89
Puttalam	190	273	106	116	273	116
Anuradhapura	25	13	24	8	13	8
Polonnaruwa	17	27	9	12	27	12
Badulla	36	45	103	97	45	97
Monaragala	8	11	31	38	11	38
Ratnapura	92	66	73	75	66	75
Kegalle	46	71	110	61	71	61
Total	1698	2142	2770	2279	2142	2279

Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit) and NaDSys (Dengue Surveillance, National Dengue Control 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 (67)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported				
	Week 52	Week 01		Week 52	Week 01		Week 52	Week 01		Week 52	Week 01			
WESTERN PROVINCE														
Colombo District			Minuwangoda	12	13	Kopay	57	43	Kurunegala District					
Dehiwala	45	42	Mirigama	11	10	MC Jaffna	195	161	Kurunegala	25	16			
Piliyandala	18	19	Wattala	19	15	Point Pedro	52	39	Puttalam District					
Kaduwela	16	13	Kalutara District			Tellippalai	35	25	Kalpitiya	29	34			
Kolonnawa	24	29	Panadura	16	31	Nallur	56	39	Puttalam	26	31			
Maharagama	22	42	Bandaragama	5	16	Uduvil	30	34	Wennappuwa	21	11			
MC Colombo	60	156	Wadduwa	2	14	Chankanai	25	37	Nattandiya	13	17			
Moratuwa	23	38	Kandy District			Sandilipay	69	46	Uva Province					
Nugegoda	22	27	Harispattuwa	27	14	Karaveddy	39	44	Badulla District					
Battaramulla	12	17	Kundasale	18	14	Velanai	19	25	Badulla	63	38			
Ratmalana	11	20	MC Kandy	40	29	Mannar District			Hali Ela	21	22			
Gothatuwा	29	41	Gangawatakorale	10	13	Mannar	18	22	Monaragala District					
Homagama	12	14	Medadumbara	12	15	Manthai West	9	11	Siyambalanduwa	14	10			
Pitakotte	15	19	Poojapitiya	14	16	Vavuniya District			SABARAGAMUWA PROVINCE					
Boralesgamuwa	5	16	Udunuwara	17	25	Vavuniya	2	12	Kegalle District					
Gampaha District			Watthegama	10	15	Eastern Province			Rambukkana	13	11			
Attanagalla	14	16	Yatinuwara	23	28	Batticaloa District			Mawanella	16	22			
Biyagama	36	25	SOUTHERN PROVINCE											
Gampaha	16	21	Galle District			Batticaloa	23	16	Aranayaka	2	13			
Kelaniya	10	27	Habaraduwa	3	12	Ervur	59	57	Ratnapura District					
Dompe	14	11	NORTHERN PROVINCE											
Mahara	10	11	Jaffna District			Chenkalady	25	13	Eheliyagoda	1	13			
			Chavakachcheri	41	47	Kalmunai District			Kiriella	5	11			
			NORTHWESTERN PROVINCE											

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 01

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 52	Week 1	Change		Week 52	Week 1	Change		Week 52	Week 1	Change
NHSL	70	80	↑	DGH Matale	20	16	↓	BH Gampola	12	8	↓
TH Jaffna	73	68	↓	TH Batticaloa	22	15	↓	BH Nikaweratiya	12	7	↓
NIID	57	54	↓	DGH Gampaha	11	14	↑	BH Valaichchenai	3	6	↑
PGH Badulla	66	51	↓	BH Warakapola	2	14	↑	DGH Embilipitiya	8	6	↓
NH Kandy	53	50	↓	BH Wathupitiwala	10	13	↑	DGH Monaragala	5	6	↑
TH Col. South	45	48	↑	BH Mawanella	4	12	↑	DGH Kilinochchi	1	6	↑
DGH Negombo	53	45	↓	BH Marawila	12	12	-	DGH Horana	3	5	↑
BH Point Pedro	33	43	↑	BH Kiribathgoda	13	11	↓	DGH Polonnaruwa	3	5	↑
TH Karapitiya	31	30	↓	DGH Avissawella	12	11	↓	BH Balangoda	0	5	↑
TH Peradeniya	28	29	↑	DGH Trincomalee	7	11	↑	BH Beruwala	3	5	↑
LRH	45	28	↓	DGH Matara	14	10	↓	BH Dambulla	6	5	↓
TH Ratnapura	20	27	↑	TH Kalutara	9	9	-	BH Tangalle	5	5	-
BH Puttalam	20	23	↑	DGH Hambantota	6	8	↑	BH Minuwangoda	4	5	↑
TH Col. North	27	22	↓	BH Dambadeniya	6	8	↑	BH Nawalapitiya	5	5	-
DGH Kegalle	17	18	↑	BH Balapitiya	10	8	↓	BH Mirigama	6	4	↓
BH Panadura	14	18	↑	DGH Chilaw	0	8	↑	BH Tissamaharama	3	4	↑
DGH Mannar	14	18	↑	BH Kahawatta	6	8	↑				

Table 4: Dengue related deaths

Reported Deaths	2022	2023	Reported Deaths	2022	2023
Up to 31 December	72	59	In December	4	10

Deaths reported in 2023 [Age & Sex] [Provisional]					
Age Group (Yrs.)	Male	Female	Age Group (Yrs.)	Male	Female
Less than 01	02	00	35 - 49	07	08
01 - 04	00	03	50 - 64	03	04
05 - 19	04	02	65 & above	02	06
20 - 34	10	08	Total	28	31

District/area	No	District/area	No	District/area	No
Colombo ^[1]	7	Matale	1	Trincomalee	3
CMC	4	Galle	2	Kurunegala	4
Gampaha	7	Matara	4	Puttalam	4
Kalutara ^[2]	3	Jaffna	4	Badulla	2
NIHS	1	Kilinochchi	1	Ratnapura	2
Kandy	8	Batticaloa	1	Kegalle	1

^[1] Excluding Colombo Municipal Council Area (CMC)

^[2] Excluding National Institute of Health Sciences (NIHS) area

KEY ACTIVITIES CONDUCTED DURING WEEK 01 AT NATIONAL LEVEL

Establishment of hot-line at Ministry of Health by Disaster Preparedness and Response Division (DPRD) and National Dengue Control Unit (NDCU), with involvement of Sri Lanka Police, Tri-forces to receive and take action on complaints in dengue breeding sites and give advice on dengue (Hotline: 011 – 7966 366). Inauguration of the special mosquito control week on 7th of January, was conducted across the entire country. Conducting the special mosquito control week from 7th to 13th January in 70 identified high-risk MOH areas across 17 districts/health regions.

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