



GOVERNMENT OF BERMUDA
Ministry of Health

SURVEILLANCE SUMMARY REPORT 2025:

EPIDEMIOLOGICAL WEEKS 41-44: 5 OCTOBER 2025 – 1 NOVEMBER 2025

The Surveillance Summary Report contains information on syndromes and communicable diseases reported into the Epidemiology and Surveillance Unit by Epidemiological Week (or as otherwise indicated). The Report currently contains 3 sections:

1. [Syndromic Surveillance](#)
2. [Conditions of Interest](#) – Influenza, COVID-19, and SARI (Severe Acute Respiratory Infection)
3. [Routine Communicable Disease Surveillance](#)

REPORT BASED ON DATA RECEIVED IN THE EPIDEMIOLOGY AND SURVEILLANCE UNIT BY 5 NOVEMBER 2025

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Syndromic Surveillance

Syndromic surveillance is the analysis of health-related data to detect or anticipate disease outbreaks. Action on an increase or alert in the reported syndromes under surveillance could potentially stop or slow the spread of the outbreak. The syndromes under surveillance are as follows:

Acute Flaccid Paralysis (AFP): Acute (sudden) onset of flaccid paralysis in the absence of trauma. *Any patient in whom a healthcare worker suspects acute flaccid paralysis is considered to be a suspected case of poliomyelitis.*

Fever and Haemorrhagic symptoms: Acute (sudden) onset of fever ($> 38.0^{\circ}\text{C}$ or 100.4°F) in a previously healthy person, presenting with at least one haemorrhagic (bleeding) manifestation with or without jaundice (e.g. purpura, epistaxis, haemoptysis, melena).

Fever and Neurological symptoms (except AFP): Acute (sudden) onset of fever ($> 38.0^{\circ}\text{C}$ or 100.4°F) with or without headache and vomiting in a previously healthy person presenting with at least one of the following signs: meningeal irritation, convulsions, altered consciousness, altered sensory manifestations, paralysis except AFP.

Fever and Rash: Acute (sudden) febrile illness ($> 38.0^{\circ}\text{C}$ or 100.4°F) in a previously healthy person, presenting generalized rash. *Any patient in whom a healthcare worker suspects measles or rubella infection is considered to be a suspected measles/rubella case. These patients generally have fever and generalized rash illnesses.*

Fever and Respiratory Symptoms (Acute Respiratory Infection): Acute (sudden) febrile illness ($> 38.0^{\circ}\text{C}$ or 100.4°F) in a previously healthy person, presenting with cough or sore throat with or without respiratory distress.

Gastroenteritis: Acute (sudden) onset of diarrhoea, with or without fever ($> 38^{\circ}\text{C}$ or 100.4°F) and presenting with 3 or more loose or watery stools in the past 24 hours, with or without dehydration, vomiting and/or visible blood.

Undifferentiated Fever: An acute (sudden) febrile illness ($> 38.0^{\circ}\text{C}$ or 100.4°F) in a previously healthy person of less than 7 days duration with two or more of the following manifestations: headache, retro-orbital pain, myalgia, arthralgia, nausea, vomiting, jaundice – AND without any particular symptoms fitting another syndrome definition.

Reported Syndromes

The data presented in this section reflects reports submitted to the Epidemiology and Surveillance Unit through Bermuda's sentinel surveillance system.

Syndromes reported in EWs 41-44 included Fever and Rash (chickenpox, hand foot and mouth disease, shingles), Fever and Respiratory (adenovirus, chlamydia pneumoniae, common cold, coronavirus "seasonal", COVID-19, human, influenza, parainfluenza, RSV, strep throat, whooping cough) Gastroenteritis (c.difficile, campylobacter, e.coli, norovirus, salmonella, sapovirus).

Alert levels are used to identify potential public health risks. A risk assessment will determine the need for any public health action.

During EWs 41-44, there were alerts for Fever and Rash, Fever and Respiratory Symptoms, Gastroenteritis, and Undifferentiated Fever.

Epidemiological Week 41

Syndrome	# of Reported Cases	5-Yr Average*	Medium Alert Threshold**	High Alert Threshold***	Alert Level
Acute Flaccid Paralysis	0	0	0	0	LOW
Fever and Haemorrhagic Symptoms	0	0	0	0	LOW
Fever and Neurological Symptoms	0	0	0	0	LOW
Fever and Rash	7	1	2	5	HIGH
Fever and Respiratory Symptoms (under 5 years)	5	3	7	15	LOW
Fever and Respiratory Symptoms (5 years and older)	9	21	35	64	LOW
Gastroenteritis (under 5 years)	0	1	3	5	LOW
Gastroenteritis (5 years and older)	4	3	5	10	LOW
Undifferentiated Fever (under 5 years)	0	0	0	0	LOW
Undifferentiated Fever (5 years and older)	0	0	0	0	LOW
% of sentinel sites reporting					92.86%

Epidemiological Week 42

Syndrome	# of Reported Cases	5-Yr Average*	Medium Alert Threshold**	High Alert Threshold***	Alert Level
Acute Flaccid Paralysis	0	0	0	0	LOW
Fever and Haemorrhagic Symptoms	0	0	0	0	LOW
Fever and Neurological Symptoms	0	0	0	0	LOW
Fever and Rash	7	1	2	4	HIGH
Fever and Respiratory Symptoms (under 5 years)	3	3	7	14	LOW
Fever and Respiratory Symptoms (5 years and older)	25	20	34	61	LOW
Gastroenteritis (under 5 years)	0	1	2	5	LOW
Gastroenteritis (5 years and older)	8	2	5	9	MEDIUM
Undifferentiated Fever (under 5 years)	0	0	0	0	LOW
Undifferentiated Fever (5 years and older)	1	0	0	0	HIGH
% of sentinel sites reporting					92.86%

Epidemiological Week 43

Syndrome	# of Reported Cases	5-Yr Average*	Medium Alert Threshold**	High Alert Threshold***	Alert Level
Acute Flaccid Paralysis	0	0	0	0	LOW
Fever and Haemorrhagic Symptoms	0	0	0	0	LOW
Fever and Neurological Symptoms	0	0	0	0	LOW
Fever and Rash	6	0	1	2	HIGH
Fever and Respiratory Symptoms (under 5 years)	4	3	6	13	LOW
Fever and Respiratory Symptoms (5 years and older)	27	18	31	57	LOW
Gastroenteritis (under 5 years)	0	1	2	5	LOW
Gastroenteritis (5 years and older)	10	3	5	10	HIGH
Undifferentiated Fever (under 5 years)	0	0	0	0	LOW
Undifferentiated Fever (5 years and older)	0	0	0	1	LOW
% of sentinel sites reporting					92.86%

Epidemiological Week 44

Syndrome	# of Reported Cases	5-Yr Average*	Medium Alert Threshold**	High Alert Threshold***	Alert Level
Acute Flaccid Paralysis	0	0	0	0	LOW
Fever and Haemorrhagic Symptoms	0	0	0	0	LOW
Fever and Neurological Symptoms	0	0	0	0	LOW
Fever and Rash	1	0	1	3	LOW
Fever and Respiratory Symptoms (under 5 years)	10	3	6	12	MEDIUM
Fever and Respiratory Symptoms (5 years and older)	28	18	31	58	LOW
Gastroenteritis (under 5 years)	3	1	2	5	MEDIUM
Gastroenteritis (5 years and older)	4	3	5	8	LOW
Undifferentiated Fever (under 5 years)	0	0	0	0	LOW
Undifferentiated Fever (5 years and older)	0	0	0	1	LOW
% of sentinel sites reporting					92.86%

4-Week Summary: Epidemiological Weeks 41-44

Syndrome	# of Reported Cases	5-Yr Average	Medium Alert Threshold**	High Alert Threshold***	Alert Level
Acute Flaccid Paralysis	0	0	0	0	LOW
Fever and Haemorrhagic Symptoms	0	0	0	0	LOW
Fever and Neurological Symptoms	0	0	0	0	LOW
Fever and Rash	21	3	6	14	HIGH
Fever and Respiratory Symptoms (under 5 years)	22	12	26	53	LOW
Fever and Respiratory Symptoms (5 years and older)	89	77	131	239	LOW
Gastroenteritis (under 5 years)	3	4	10	21	LOW
Gastroenteritis (5 years and older)	26	11	20	37	MEDIUM
Undifferentiated Fever (under 5 years)	0	0	0	0	LOW
Undifferentiated Fever (5 years and older)	1	0	0	1	MEDIUM

Cumulative Summary: Epidemiological Weeks 1-44

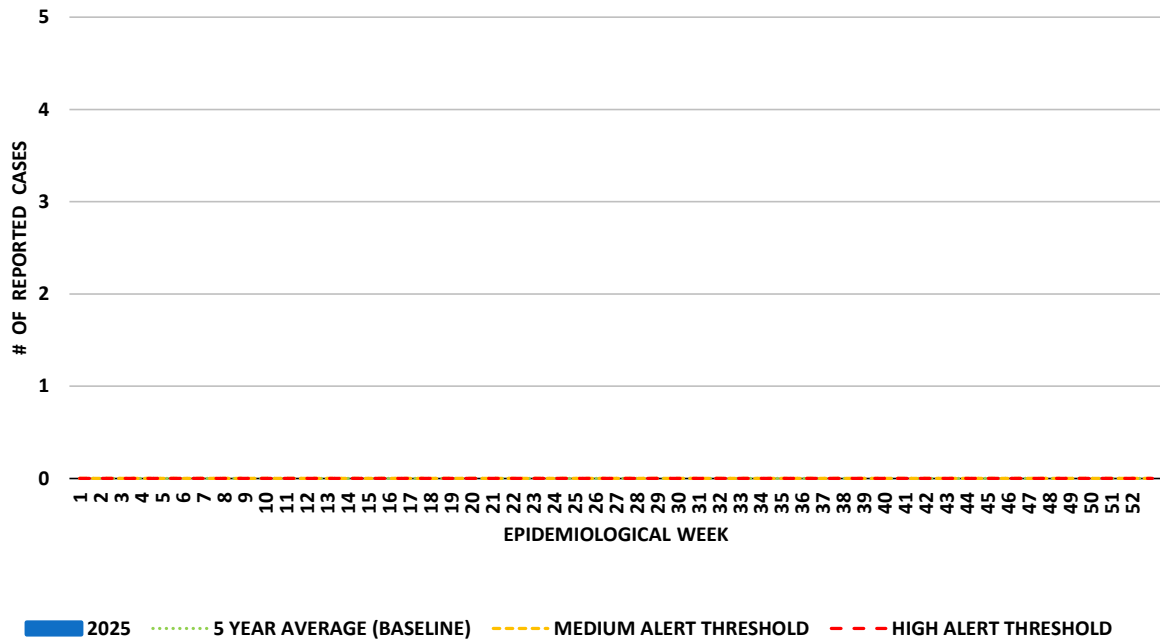
Syndrome	# of Reported Cases	5-Yr Average	Medium Alert Threshold**	High Alert Threshold***	Alert Level
Acute Flaccid Paralysis	0	0	0	0	LOW
Fever and Haemorrhagic Symptoms	0	0	1	3	LOW
Fever and Neurological Symptoms	7	1	4	12	MEDIUM
Fever and Rash	73	21	58	131	MEDIUM
Fever and Respiratory Symptoms (under 5 years)	177	182	366	735	LOW
Fever and Respiratory Symptoms (5 years and older)	1248	1439	2630	5014	LOW
Gastroenteritis (under 5 years)	31	33	79	171	LOW
Gastroenteritis (5 years and older)	199	159	276	510	LOW
Undifferentiated Fever (under 5 years)	0	1	7	19	LOW
Undifferentiated Fever (5 years and older)	1	1	6	15	LOW

*5-Yr Average calculated by summing the incidence counts for the current week, the 2 weeks preceding the current week, and the 2 weeks following the current week, for a total of 5 preceding years.

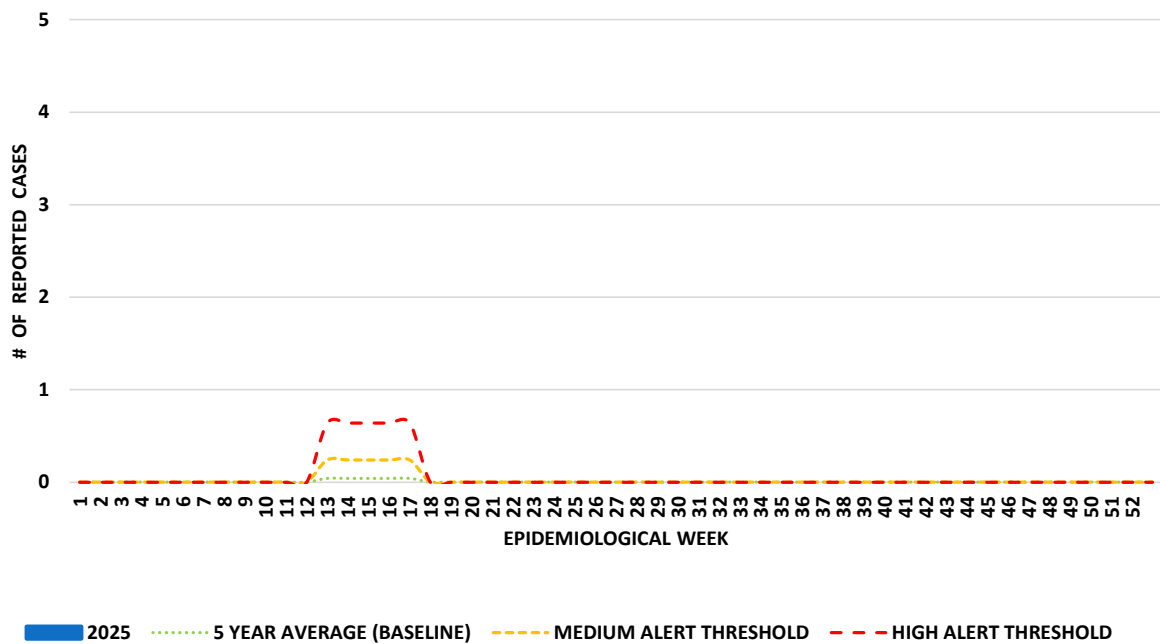
** Medium Alert Threshold is set at 1 standard deviation above 5-yr average

*** High Alert Threshold is set at 3 standard deviations above 5-year average

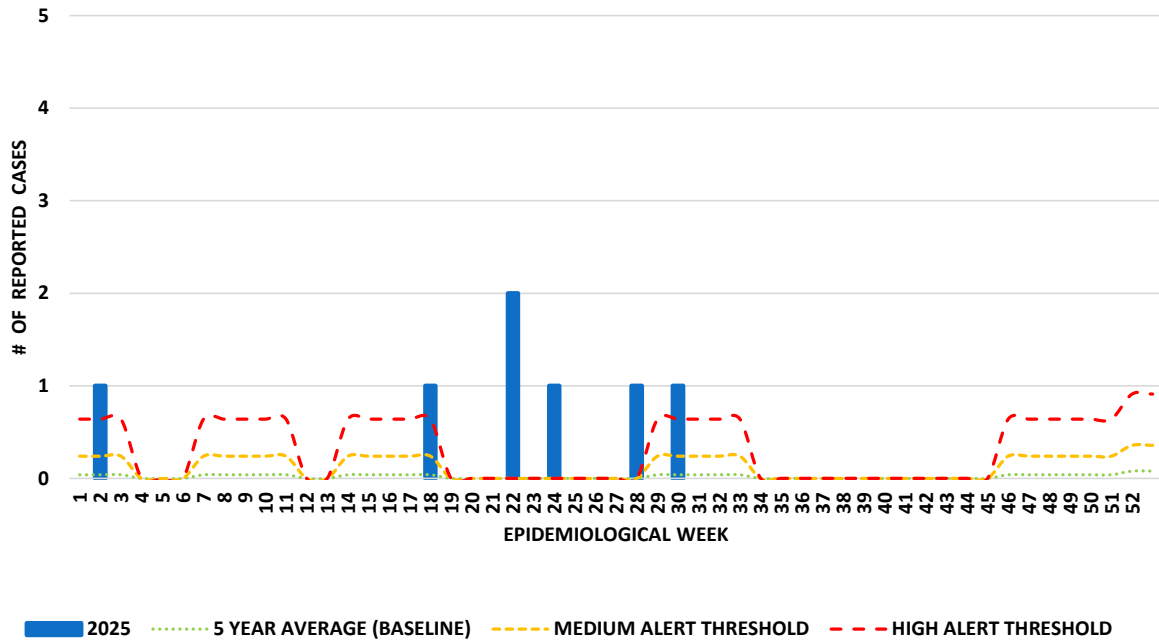
ACUTE FLACCID PARALYSIS



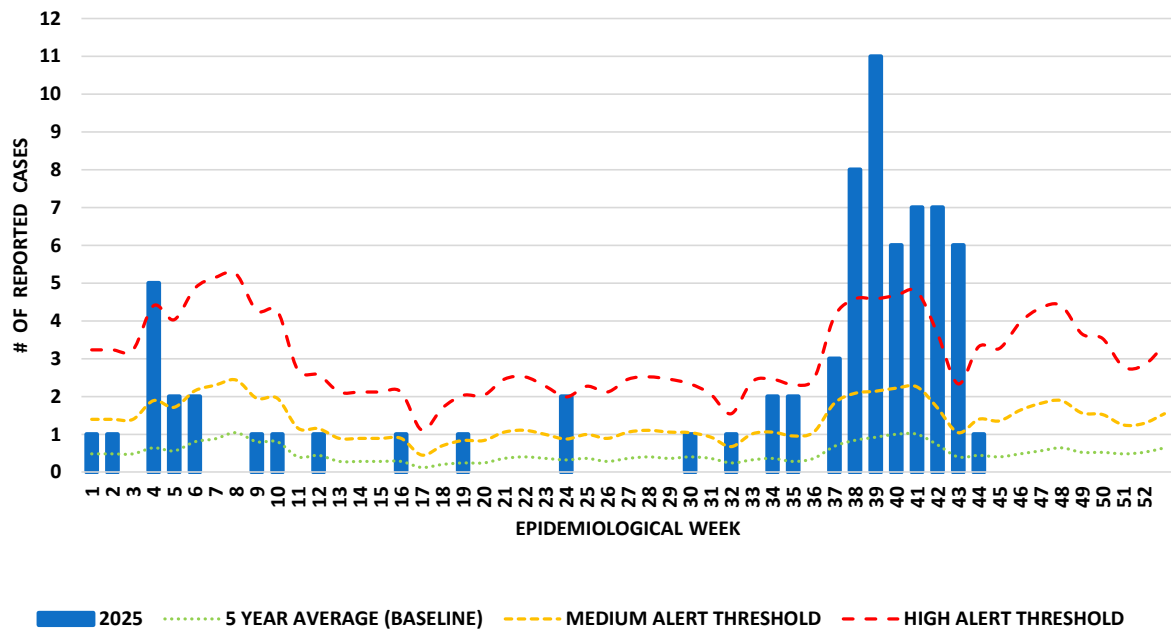
FEVER AND HAEMORRHAGIC SYMPTOMS



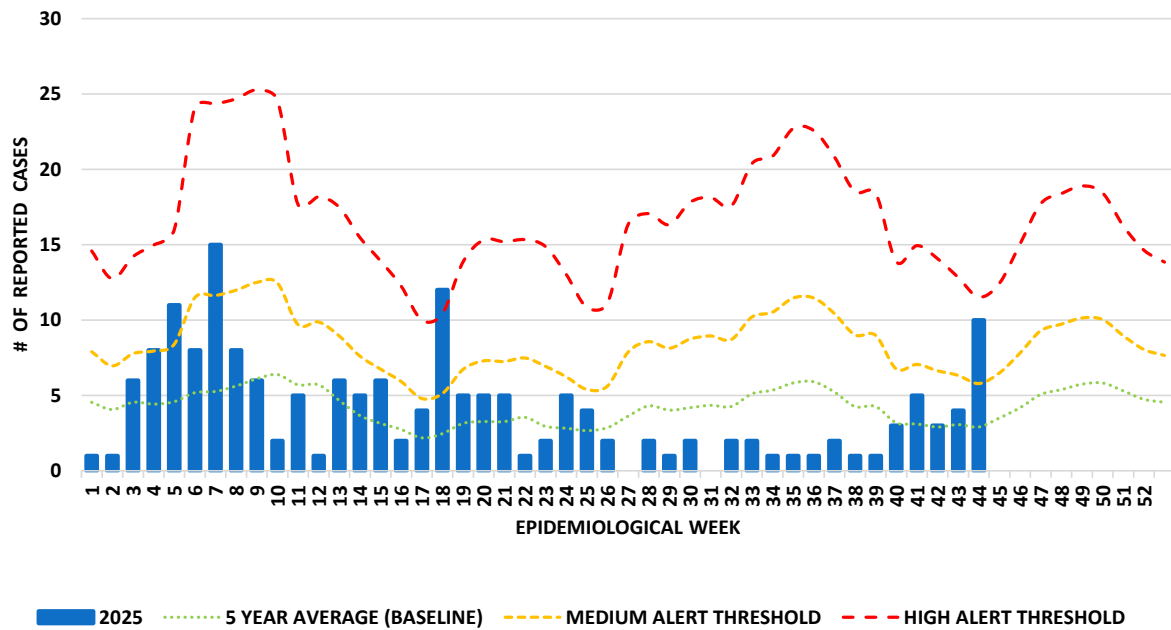
FEVER AND NEUROLOGICAL SYMPTOMS



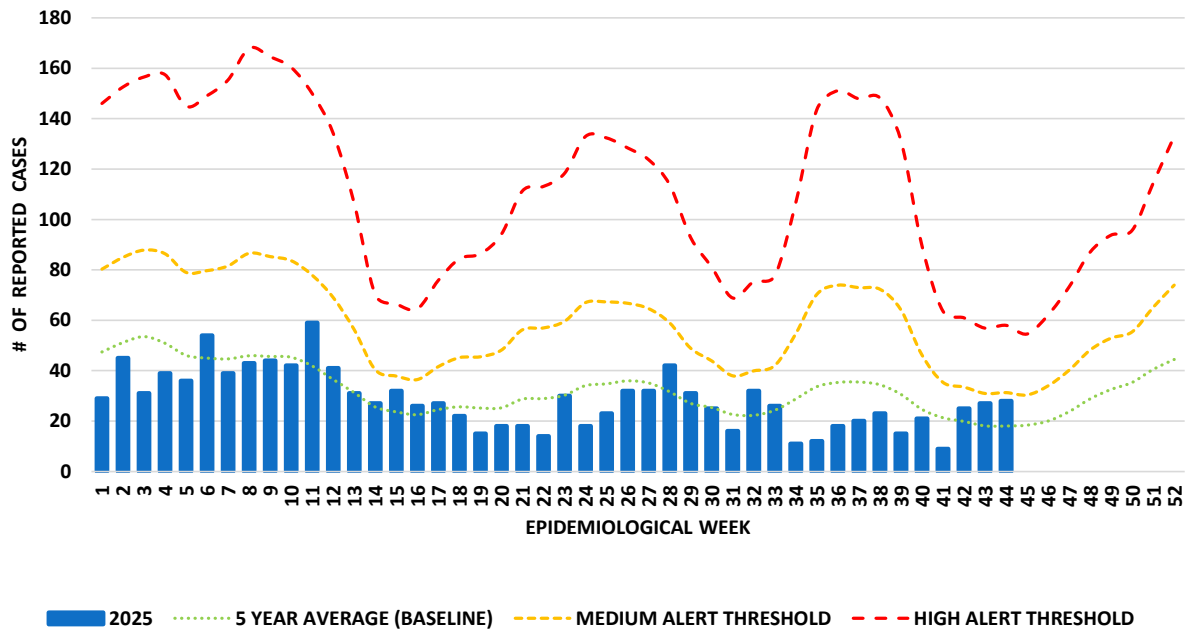
FEVER AND RASH



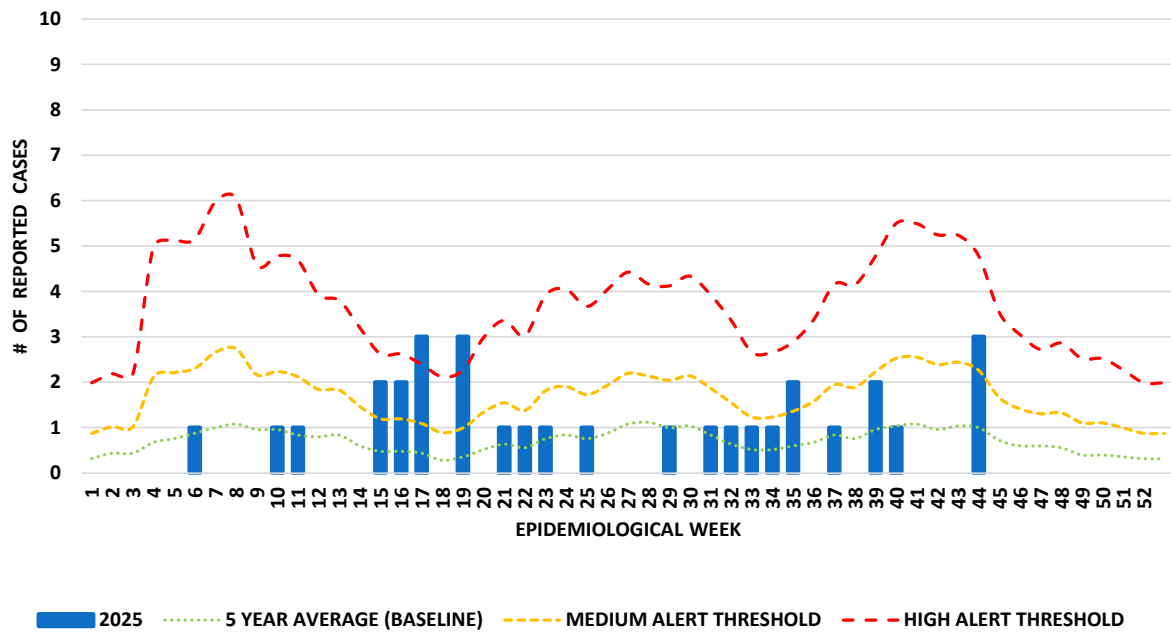
FEVER AND RESPIRATORY SYMPTOMS IN PERSONS AGED UNDER 5 YEARS



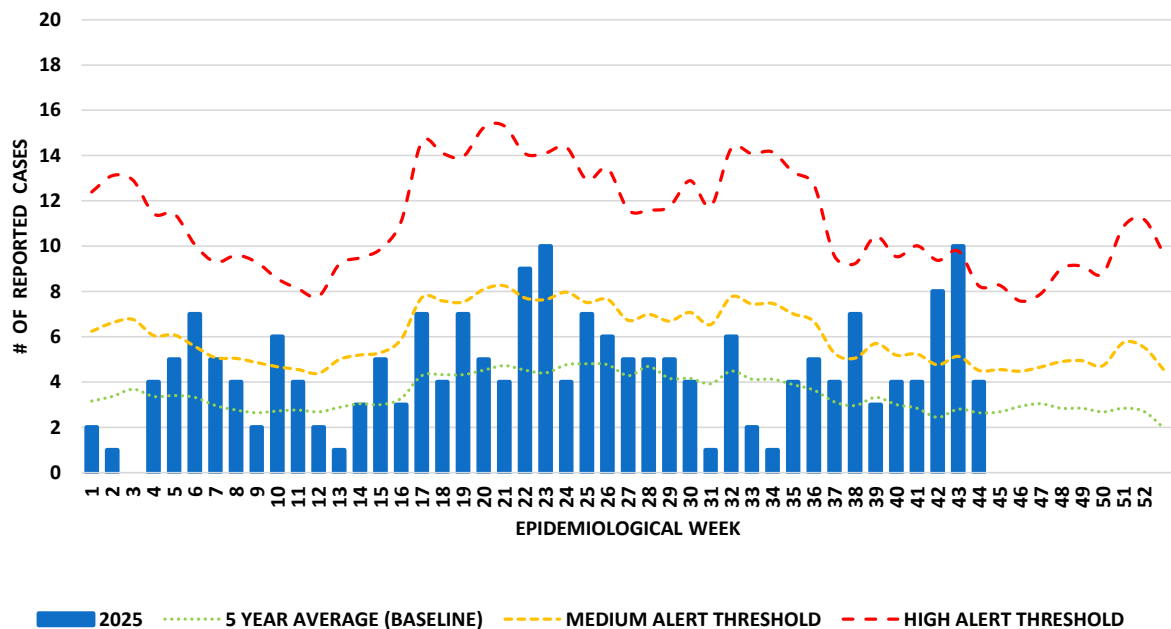
FEVER AND RESPIRATORY SYMPTOMS IN PERSONS AGED 5 YEARS AND OLDER



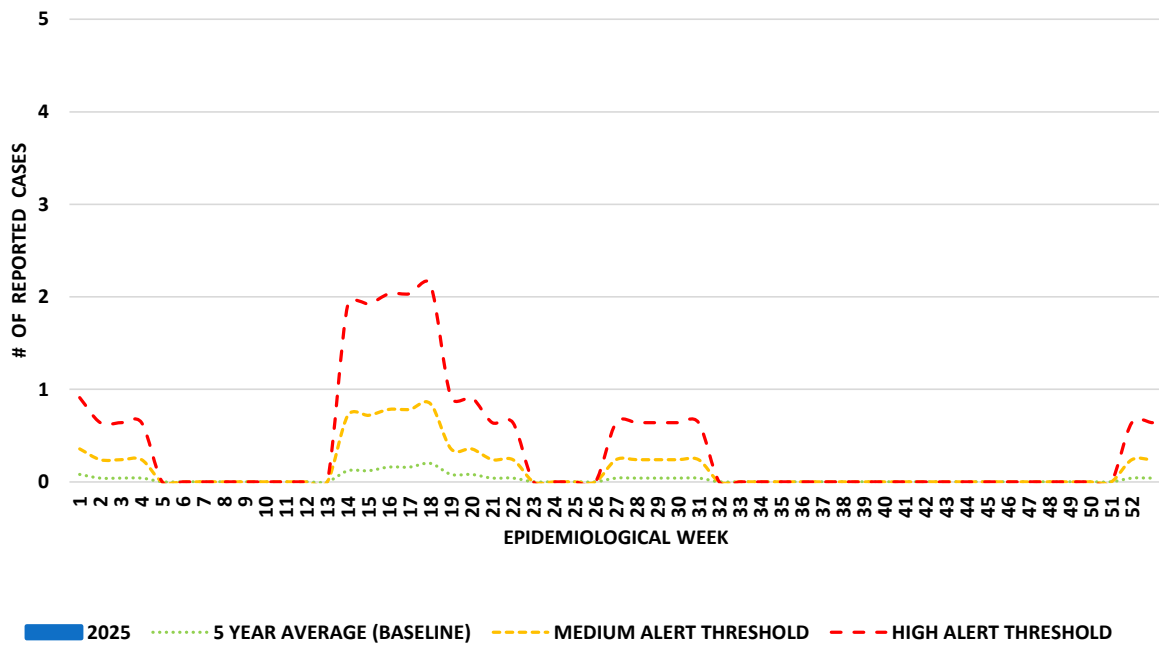
GASTROENTERITIS IN PERSONS AGED UNDER 5 YEARS



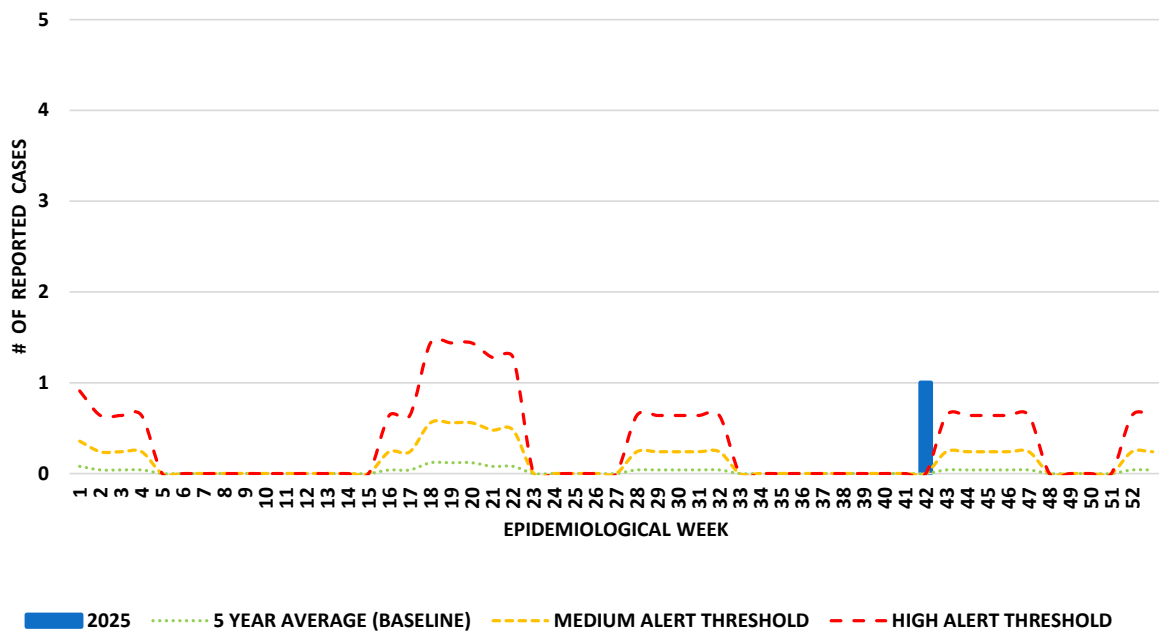
GASTROENTERITIS IN PERSONS AGED 5 YEARS AND OLDER



UNDIFFERENTIATED FEVER IN PERSONS AGED UNDER 5 YEARS



UNDIFFERENTIATED FEVER IN PERSONS AGED 5 YEARS AND OLDER



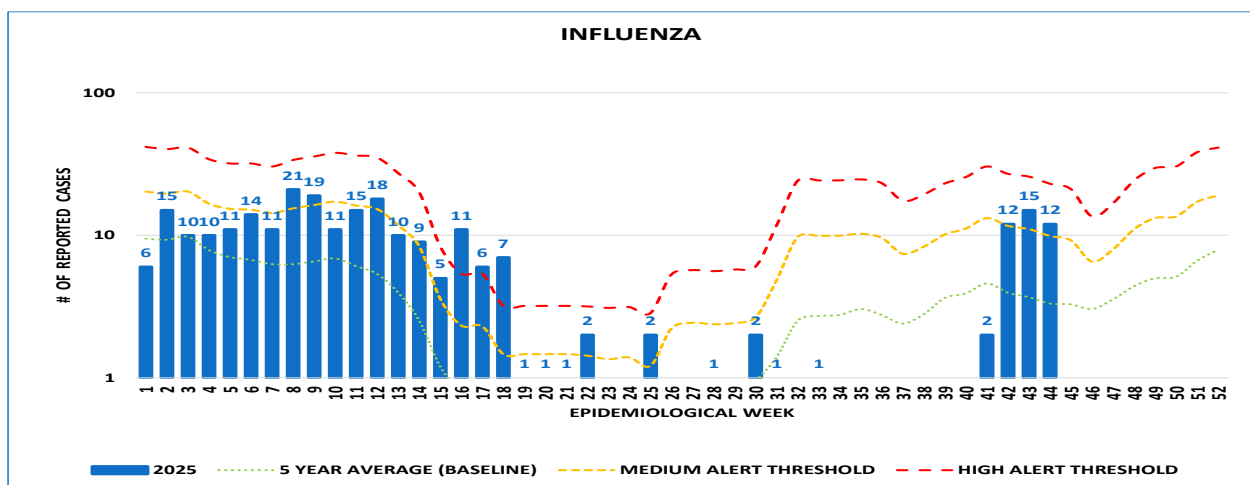
Conditions of Interest: Influenza, COVID-19, and Severe Acute Respiratory Infection (SARI)

Note: Each condition in this section is displayed using a logarithmic (log) scale. This improves visualization by allowing clearer interpretation of week-to-week changes, especially when case counts, including historical data, vary across a wide range. Surveillance case definitions accompany each graph.

Influenza:

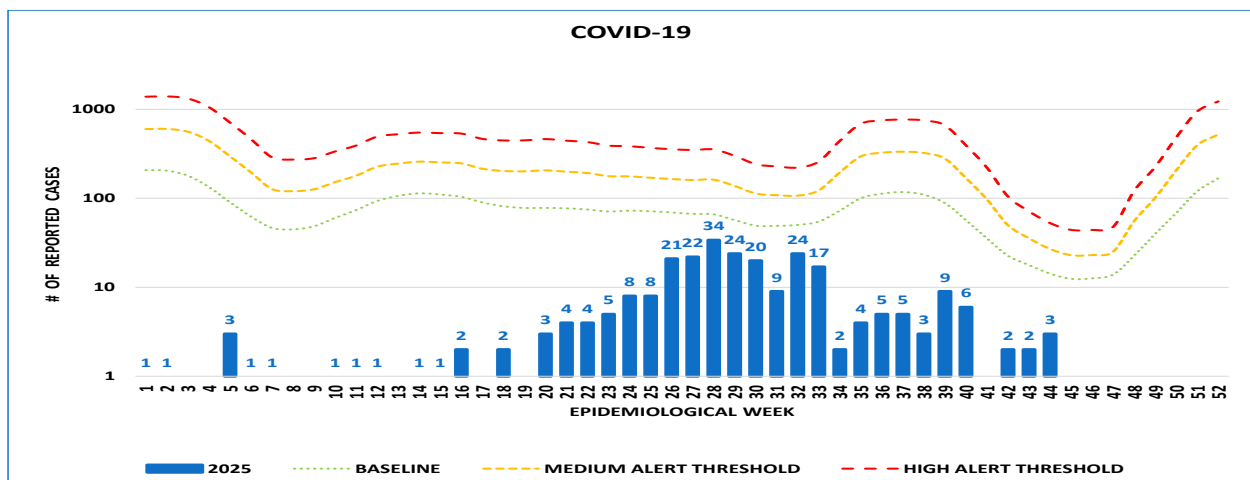
Clinical (or suspect): A person with fever, headache, myalgia, and cough

Laboratory confirmed: A clinical or suspect case with positive laboratory findings



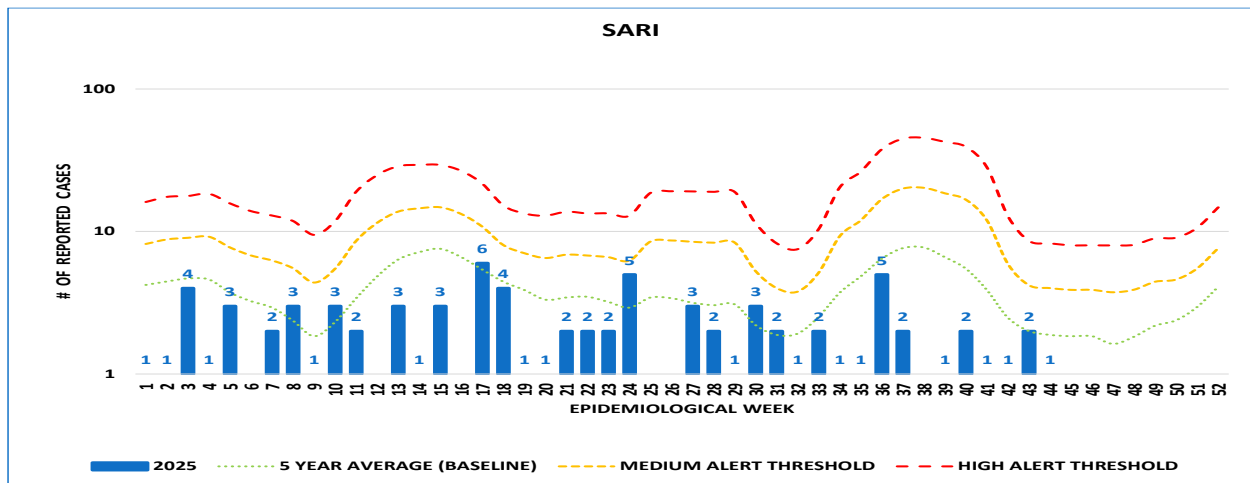
COVID-19:

A person with laboratory or antigen test confirmation of COVID-19 infection, irrespective of clinical signs and symptoms



Severe Acute Respiratory Infection (SARI):

An acute respiratory infection with history of fever or measured fever of $\geq 38^{\circ}\text{C}$ and cough, with onset within the last 10 days, and requiring hospitalization.



Summary

Influenza activity increased notably during EWs 41 to 44. After 2 cases reported in EW 41, there was a sharp increase to 12 cases in EW 42, 15 cases in EW 43, and 12 cases again in EW 44. This marks a clear rise in influenza activity, suggesting the onset of the 2025–2026 influenza season.

COVID-19 activity remained relatively low and stable. Case counts ranged from 0 to 3, with no cases in EW 41, and weekly counts of 2 in EWs 42 and 43, and 3 in EW 44. These levels are consistent with low-level community transmission.

SARI (Severe Acute Respiratory Infection) activity was low and relatively stable with 1 to 2 cases reported each week, aligning with typical levels for this time of year.

Routine Communicable Disease Surveillance (EWs 41-44, 2025)

An observed increase in confirmed diseases may not necessarily indicate a true increase in disease incidence. Such increases may result from factors like enhanced diagnostic capacity, improved access to confirmatory testing, or heightened awareness of circulating diseases—both locally and globally.

In instances where the relative level is above normal (indicated in red), further epidemiological investigation may be conducted to determine if there are clusters of illness or outbreaks occurring. This is dependent on many factors, including the severity of the illness, the potential for spread, and the availability of control measures.

DISEASES/PATHOGENS	Cumulative Total (Lab Conf. cases)	
	Curr. Yr	Last Yr.
Diseases Reportable under the International Health Regulations		
Cholera	0	0
Human Influenza (new sub-type)	0	0
Pneumonic Plague	0	0
Poliomyelitis	0	0
Severe Acute Respiratory Syndrome (SARS)	0	0
Yellow Fever	0	0
Air Borne Diseases		
Adenoviruses	20	57
COVID-19	255	619
Human Metapneumovirus [hMPV]	52	22
Influenza	273	300
Respiratory Syncytial Virus [RSV]	114	56
Tuberculosis - Extrapulmonary	1	0
Tuberculosis - Pulmonary	3	1
Vaccine Preventable Diseases under the Caribbean Expanded Programme on Immunization		
Chicken Pox [Varicella] (clinically confirmed)	8	13
Diphtheria	0	0
Measles	0	0
Meningitis [due to <i>Haemophilus influenzae</i>]	0	0
Meningitis [due to <i>Streptococcus pneumoniae</i>]	1	0
Meningococcal Infection [due to <i>Neisseria meningitidis</i>]	0	0
Mumps	0	0
Pertussis [Whooping Cough]	3	2
Pneumonia [due to <i>Haemophilus influenzae</i>]	0	0
Pneumonia [due to <i>Streptococcus pneumoniae</i>]	0	1
Rotavirus	10	8
Rubella [Congenital German Measles]	0	0
Rubella [German Measles]	0	0
Tetanus [excluding Neonatal]	0	0
Tetanus Neonatorum	0	0
Vector Borne Diseases		
Chagas Disease	0	0
Chikungunya	0	0
Dengue Fever	0	1
Dengue Haemorrhagic Fever/Shock Syndrome	0	0
Leptospirosis	3	0
Malaria	1	0
Zika	0	0
Food and Water Borne Pathogens		
<i>Campylobacter</i>	30	23
Ciguatera Poisoning (clinically confirmed)	0	0
<i>Cryptosporidium</i>	2	5
<i>E. Coli</i> (pathogenic)	46	43
<i>Giardia</i>	4	3
Hepatitis A	1	1
Listeria	0	0
Norovirus	11	8
Salmonella	28	27
Shigella	3	2
Staphylococcus (pathogenic)	0	0
Toxoplasma	0	0
Typhoid and Paratyphoid	0	0
Vibrio (excluding Cholera)	0	1
Other Diseases		
Viral Encephalitis/Meningitis	1	0
Hepatitis B	3	4
Hepatitis C	7	4
Leprosy (Hansen's Disease)	0	0
Meningitis/Encephalitis (not specified)	3	0
Rabies (in Humans)	0	0
Specific Diseases under Country Surveillance		
Chlamydia	204	252
Gonorrhoea	14	30
Herpes	13	37
Syphilis	5	4

EPIDEMIOLOGICAL WEEKS 2025

WEEK	FROM	TO
1	29-Dec-24	4-Jan-25
2	5-Jan-25	11-Jan-2025
3	12-Jan-25	18-Jan-25
4	19-Jan-25	25-Jan-25
5	26-Jan-25	01-Feb-25
6	02-Feb-25	08-Feb-25
7	09-Feb-25	15-Feb-25
8	16-Feb-25	22-Feb-25
9	23-Feb-25	01-Mar-25
10	02-Mar-25	08-Mar-25
11	09-Mar-25	15-Mar-25
12	16-Mar-25	22-Mar-25
13	23-Mar-25	29-Mar-25
14	30-Mar-25	05-Apr-25
15	06-Apr-25	12-Apr-25
16	13-Apr-25	19-Apr-25
17	20-Apr-25	26-Apr-25
18	27-Apr-25	03-May-25
19	04-May-25	10-May-25
20	11-May-25	17-May-25
21	18-May-25	24-May-25
22	25-May-25	31-May-25
23	01-Jun-25	07-Jun-25
24	08-Jun-25	14-Jun-25
25	15-Jun-25	21-Jun-25
26	22-Jun-25	28-Jun-25

WEEK	FROM	TO
27	29-Jun-25	05-Jul-25
28	06-Jul-25	12-Jul-25
29	13-Jul-25	19-Jul-25
30	20-Jul-25	26-Jul-25
31	27-Jul-25	02-Aug-25
32	03-Aug-25	09-Aug-25
33	10-Aug-25	16-Aug-25
34	17-Aug-25	23-Aug-25
35	24-Aug-25	30-Aug-25
36	31-Aug-25	06-Sep-25
37	07-Sep-25	13-Sep-25
38	14-Sep-25	20-Sep-25
39	21-Sep-25	27-Sep-25
40	28-Sep-25	04-Oct-25
41	05-Oct-25	11-Oct-25
42	12-Oct-25	18-Oct-25
43	19-Oct-25	25-Oct-25
44	26-Oct-25	01-Nov-25
45	02-Nov-25	08-Nov-25
46	09-Nov-25	15-Nov-25
47	16-Nov-25	22-Nov-25
48	23-Nov-25	29-Nov-25
49	30-Nov-25	06-Dec-25
50	07-Dec-25	13-Dec-25
51	14-Dec-25	20-Dec-25
52	21-Dec-25	27-Dec-25