



GOVERNMENT OF BERMUDA
Ministry of Health

SURVEILLANCE SUMMARY REPORT

2025:

EPIDEMIOLOGICAL WEEKS 37-40: 7 SEPTEMBER 2025 – 4 OCTOBER 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 8 OCTOBER 2025

Epidemiology and Surveillance Unit

Phone: (441) 278-4900

E-mail: epidemiology@gov.bm

Website : www.gov.bm/health-information

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 37-40 included Fever and Rash (hand foot and mouth disease, scabies, varicella zoster), Fever and Respiratory (adenovirus, chlamydia pneumoniae, common cold, coronavirus "seasonal", COVID-19, parainfluenza, RSV, strep throat) Gastroenteritis (c. difficile, campylobacter, e.coli, norovirus, salmonella, sapovirus, scromboid).

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

During EWs 37-40, there were alerts for Fever and Rash and Gastroenteritis.

Epidemiological Week 37

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	3	1	2	4	MEDIUM
Fever and Respiratory Symptoms (under 5 years)	2	5	10	21	LOW
Fever and Respiratory Symptoms (5 years and older)	20	35	73	148	LOW
Gastroenteritis (under 5 years)	1	1	2	4	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	89.29%				

Epidemiological Week 38

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	8	1	2	5	HIGH
Fever and Respiratory Symptoms (under 5 years)	1	4	9	18	LOW
Fever and Respiratory Symptoms (5 years and older)	23	34	72	148	LOW
Gastroenteritis (under 5 years)	0	1	2	4	LOW
Gastroenteritis (5 years and older)	7	3	5	9	MEDIUM
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 39

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	11	1	2	5	HIGH
Fever and Respiratory Symptoms (under 5 years)	1	4	9	18	LOW
Fever and Respiratory Symptoms (5 years and older)	15	31	64	131	LOW
Gastroenteritis (under 5 years)	2	1	2	5	LOW
Gastroenteritis (5 years and older)	3	3	6	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	89.29%				

Epidemiological Week 40

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	5	1	2	5	HIGH
Fever and Respiratory Symptoms (under 5 years)	2	3	7	14	LOW
Fever and Respiratory Symptoms (5 years and older)	20	25	46	90	LOW
Gastroenteritis (under 5 years)	1	1	3	5	LOW
Gastroenteritis (5 years and older)	3	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%				

4-Week Summary: Epidemiological Weeks 37-40

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	27	3	8	18	HIGH
Fever and Respiratory Symptoms (under 5 years)	6	17	35	72	LOW
Fever and Respiratory Symptoms (5 years and older)	78	125	256	517	LOW
Gastroenteritis (under 5 years)	4	4	9	19	LOW
Gastroenteritis (5 years and older)	17	12	21	39	LOW
Undifferentiated Fever (under 5 years)	0	0	0	0	LOW
Undifferentiated Fever (5 years and older)	0	0	0	0	LOW

Cumulative Summary: Epidemiological Weeks 1-40

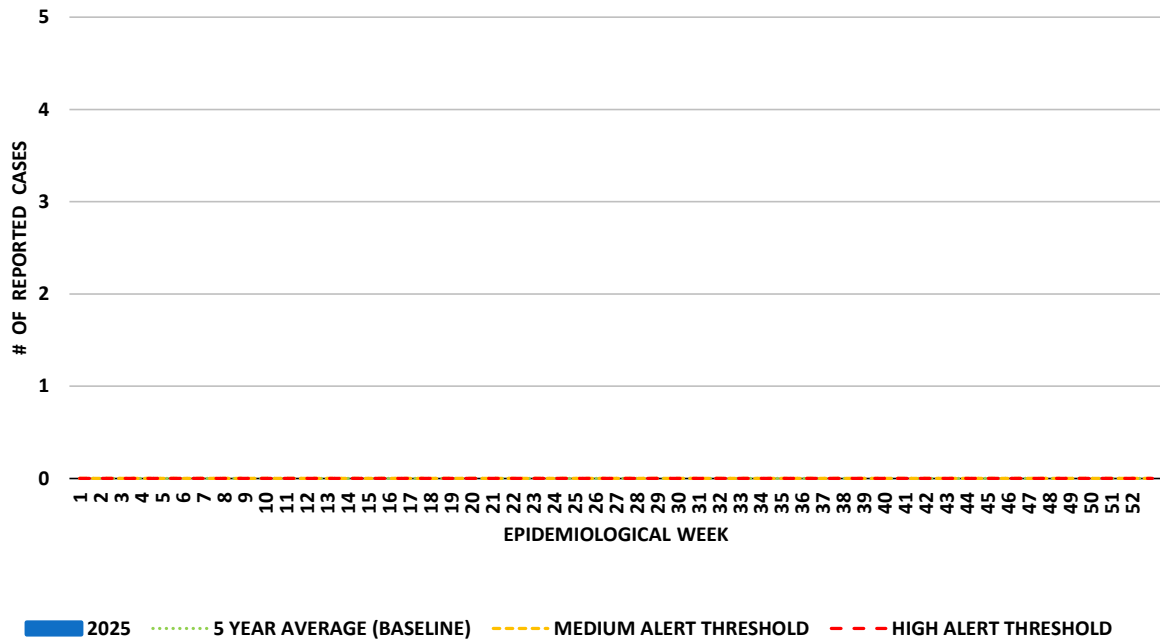
Syndrome	# of Reported Cases	5-Yr Average	Medium Alert Threshold**	High Alert Threshold***	Alert Level
Acute Flaccid Paralysis	0	0	0	0	LOW
Fever and Haemorrhagic Symptoms	0	0	1	3	LOW
Fever and Neurological Symptoms	7	1	4	12	MEDIUM
Fever and Rash	51	19	52	117	LOW
Fever and Respiratory Symptoms (under 5 years)	154	170	341	682	LOW
Fever and Respiratory Symptoms (5 years and older)	1158	1361	2499	4775	LOW
Gastroenteritis (under 5 years)	28	29	70	150	LOW
Gastroenteritis (5 years and older)	172	148	256	473	LOW
Undifferentiated Fever (under 5 years)	0	1	7	19	LOW
Undifferentiated Fever (5 years and older)	0	1	5	14	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.

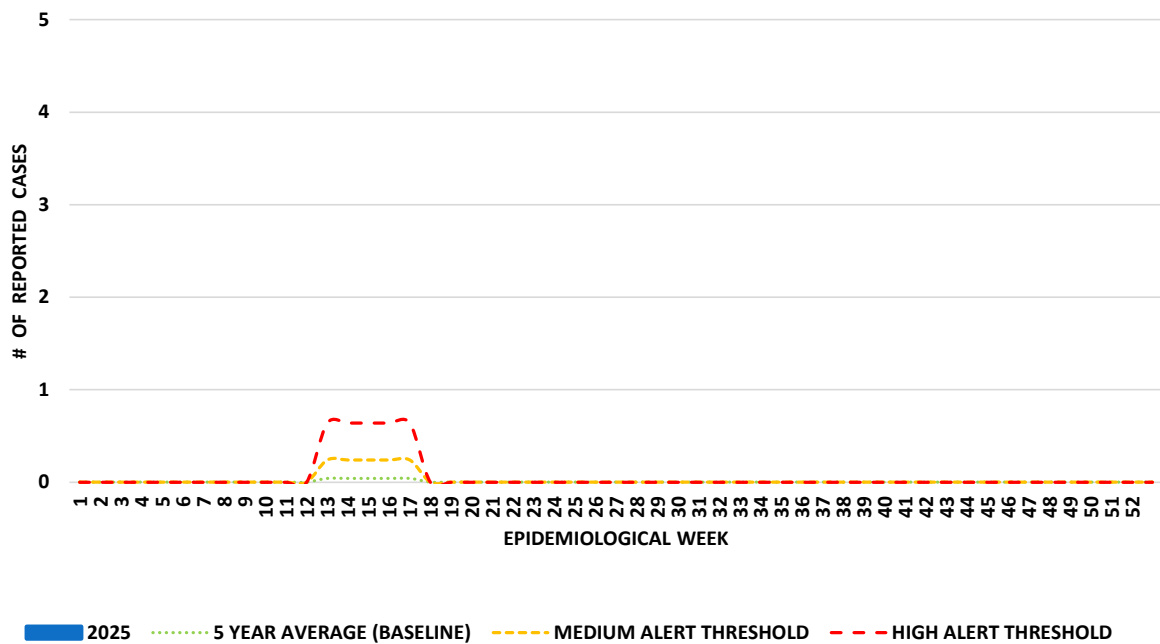
** Medium Alert Threshold is set at 1 standard deviation above 5-yr average

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

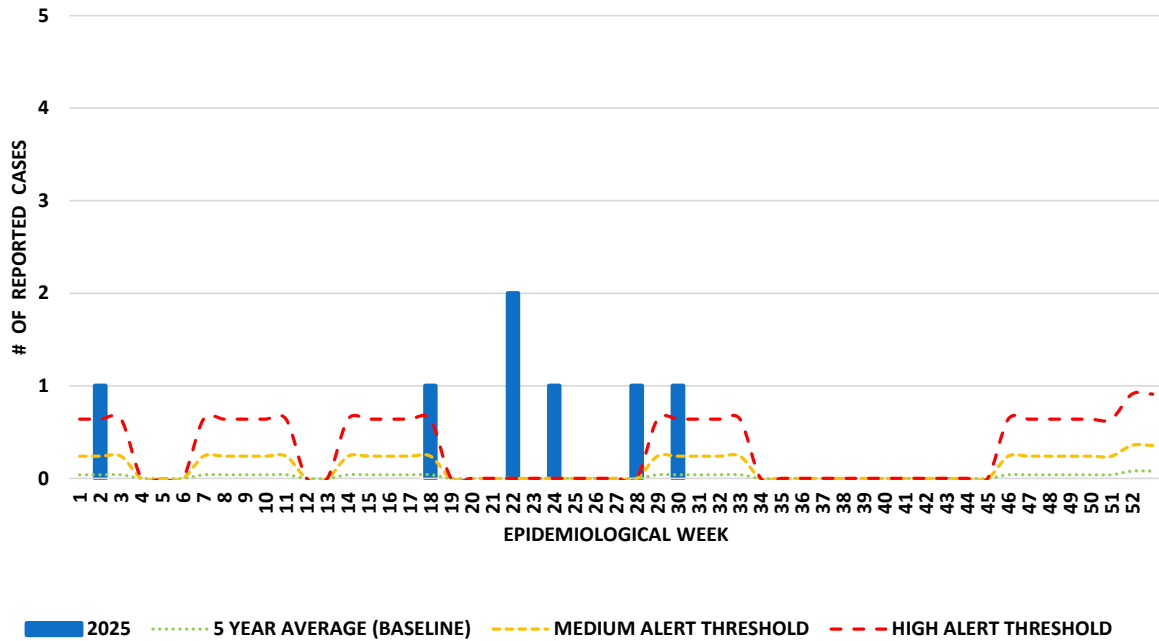
ACUTE FLACCID PARALYSIS



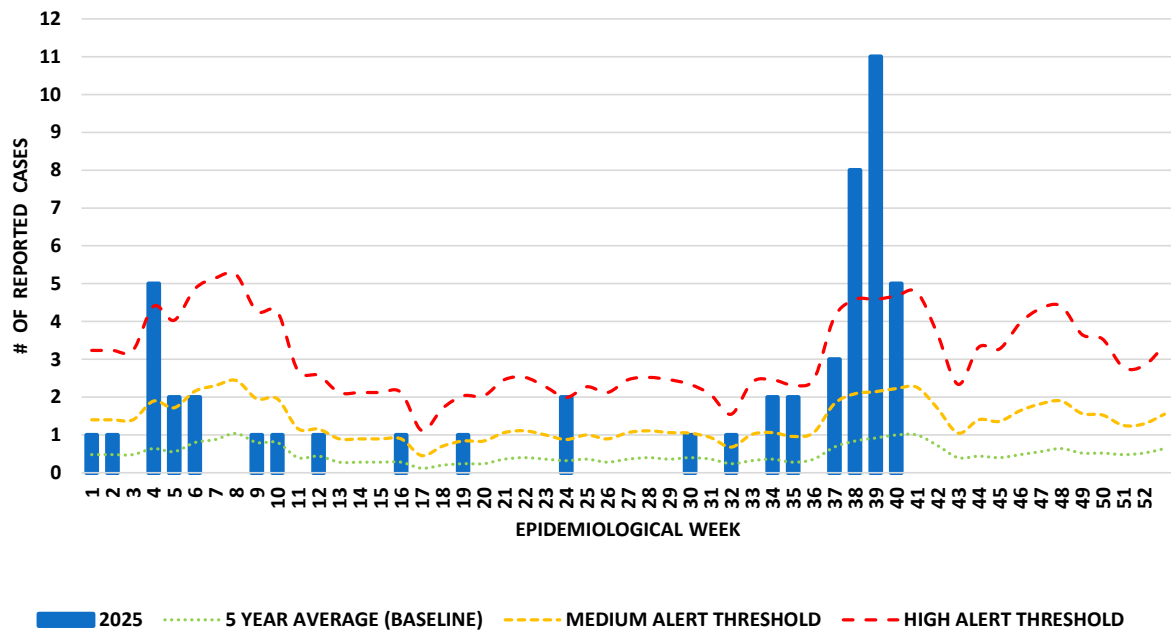
FEVER AND HAEMORRHAGIC SYMPTOMS



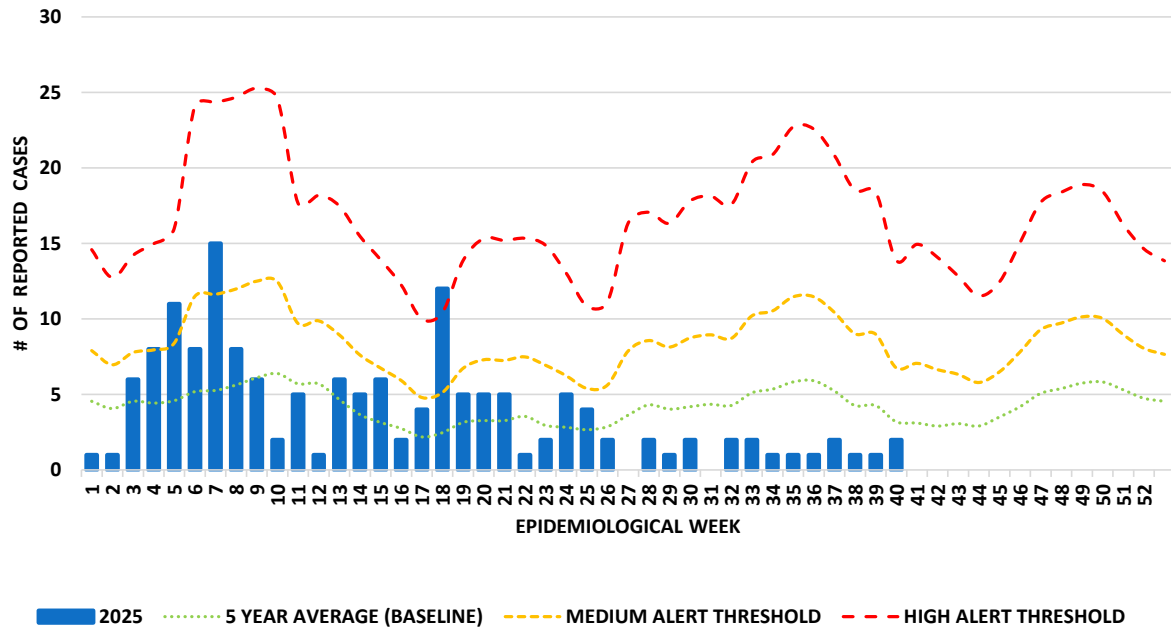
FEVER AND NEUROLOGICAL SYMPTOMS



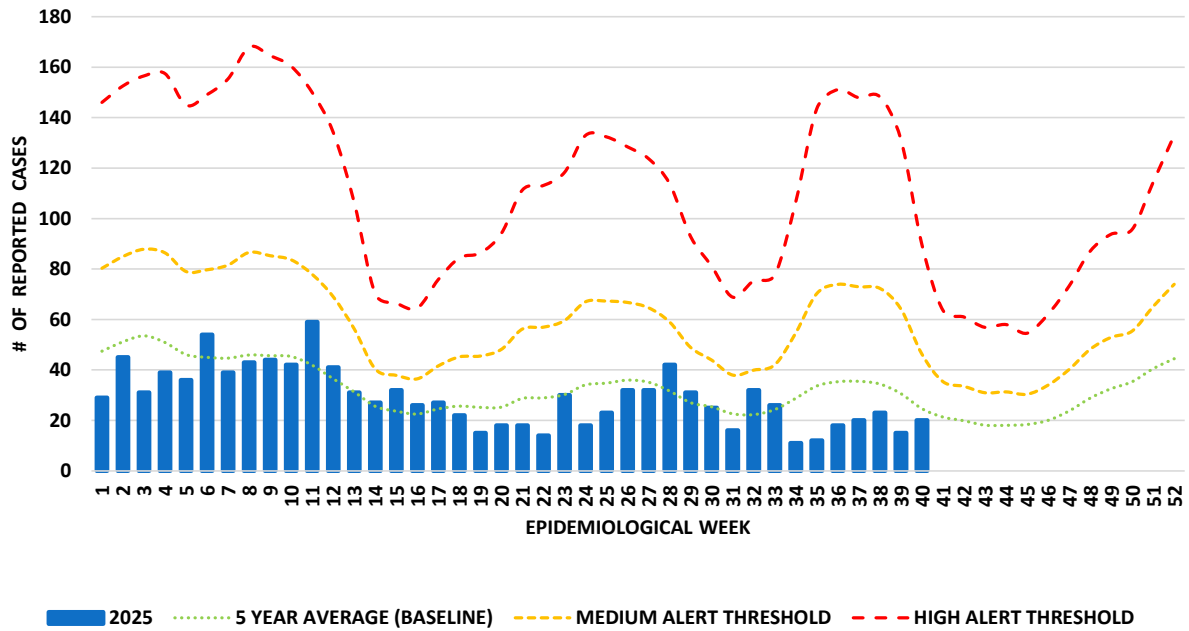
FEVER AND RASH



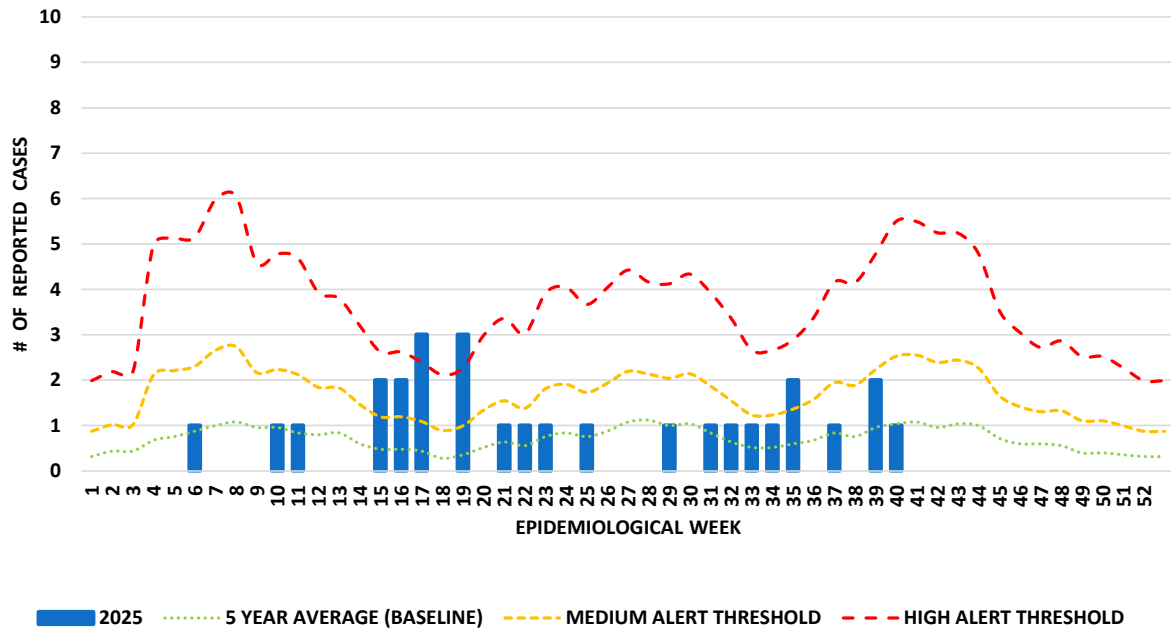
FEVER AND RESPIRATORY SYMPTOMS IN PERSONS AGED UNDER 5 YEARS



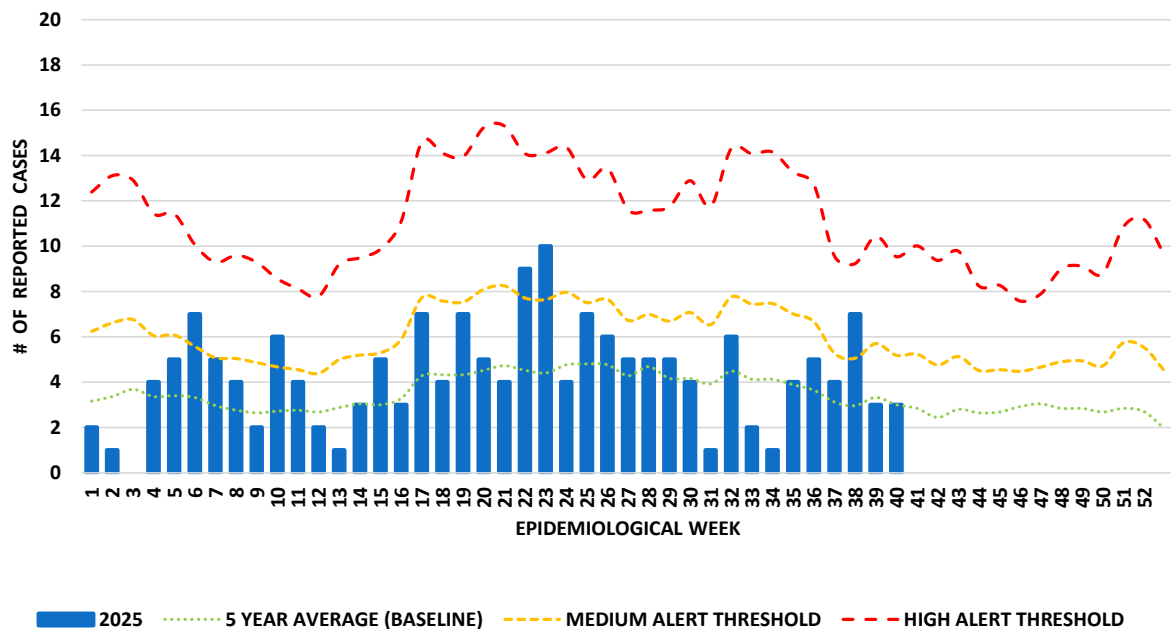
FEVER AND RESPIRATORY SYMPTOMS IN PERSONS AGED 5 YEARS AND OLDER



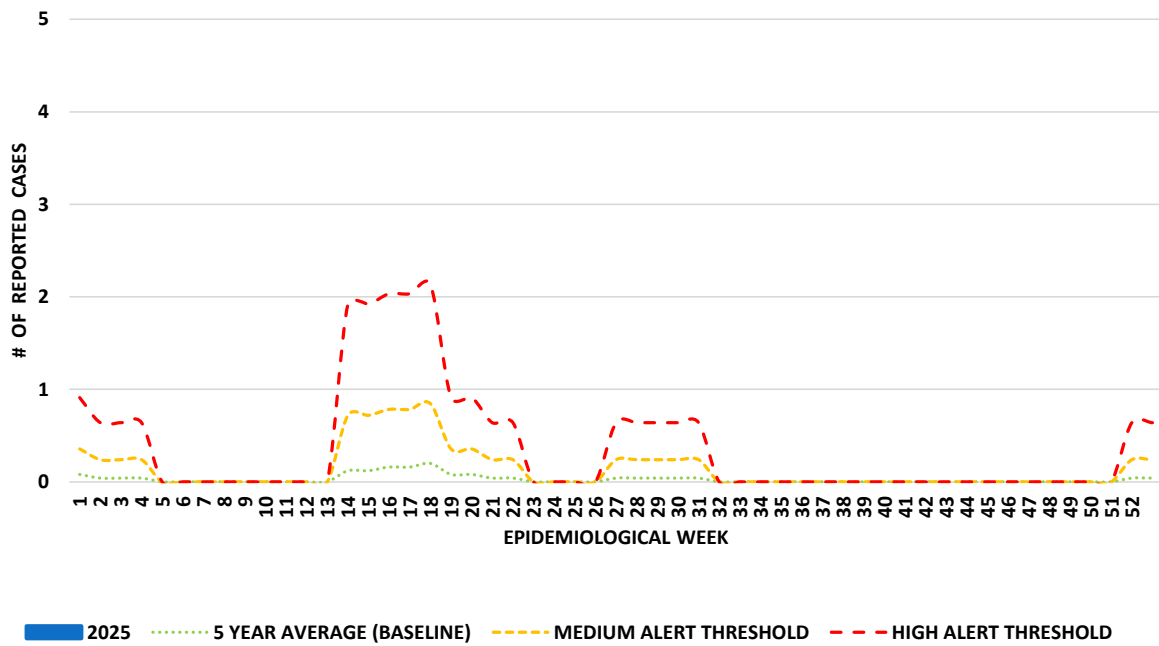
GASTROENTERITIS IN PERSONS AGED UNDER 5 YEARS



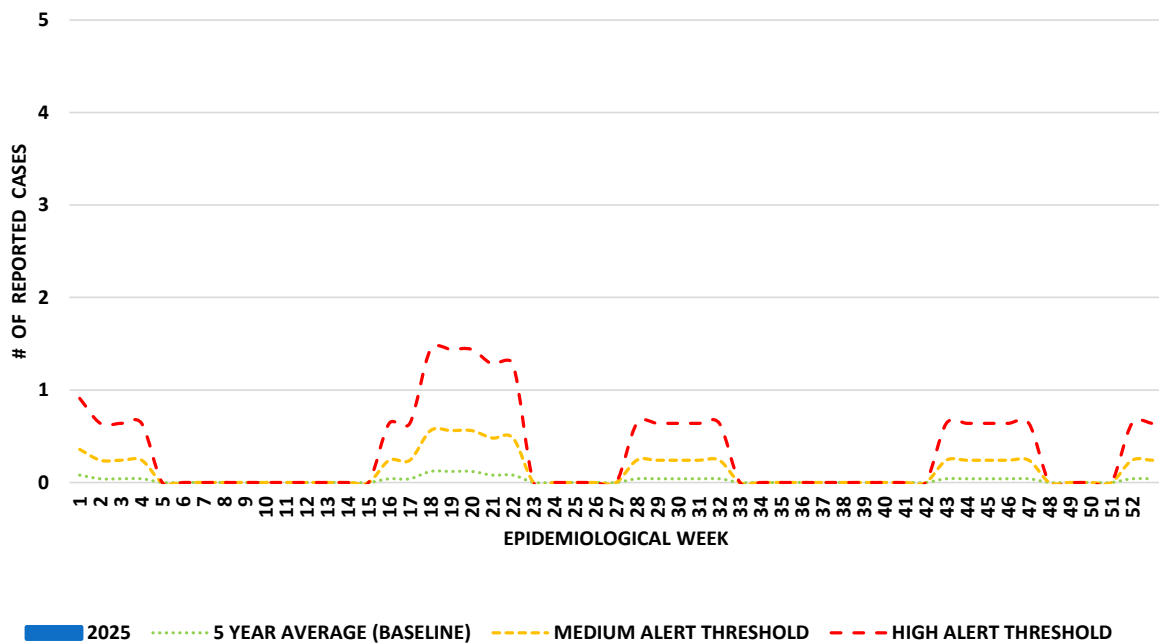
GASTROENTERITIS IN PERSONS AGED 5 YEARS AND OLDER



UNDIFFERENTIATED FEVER IN PERSONS AGED UNDER 5 YEARS



UNDIFFERENTIATED FEVER IN PERSONS AGED 5 YEARS AND OLDER



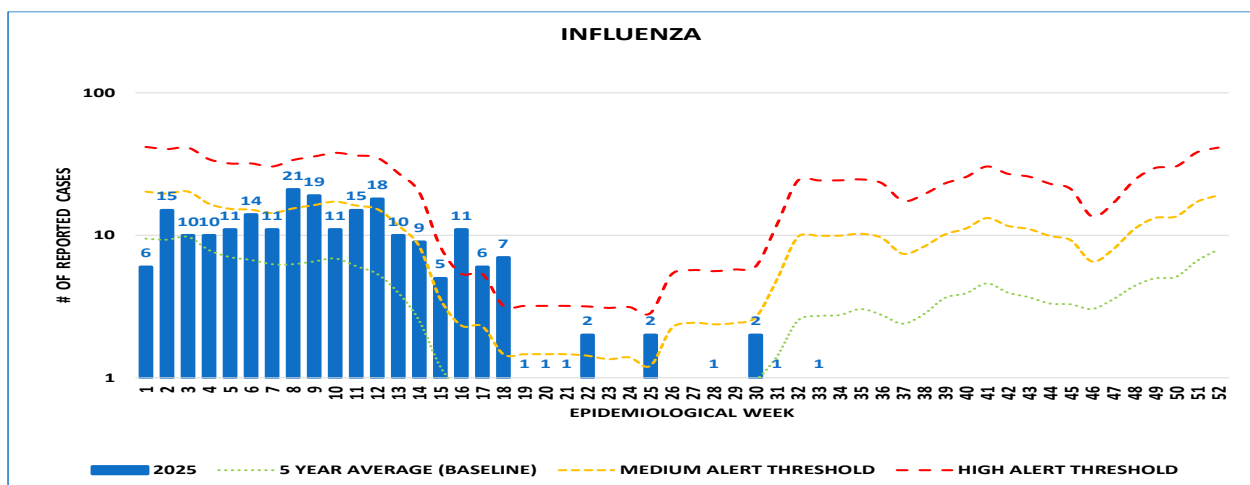
Conditions of Interest: Influenza, COVID-19, and Severe Acute Respiratory Infection (SARI)

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:

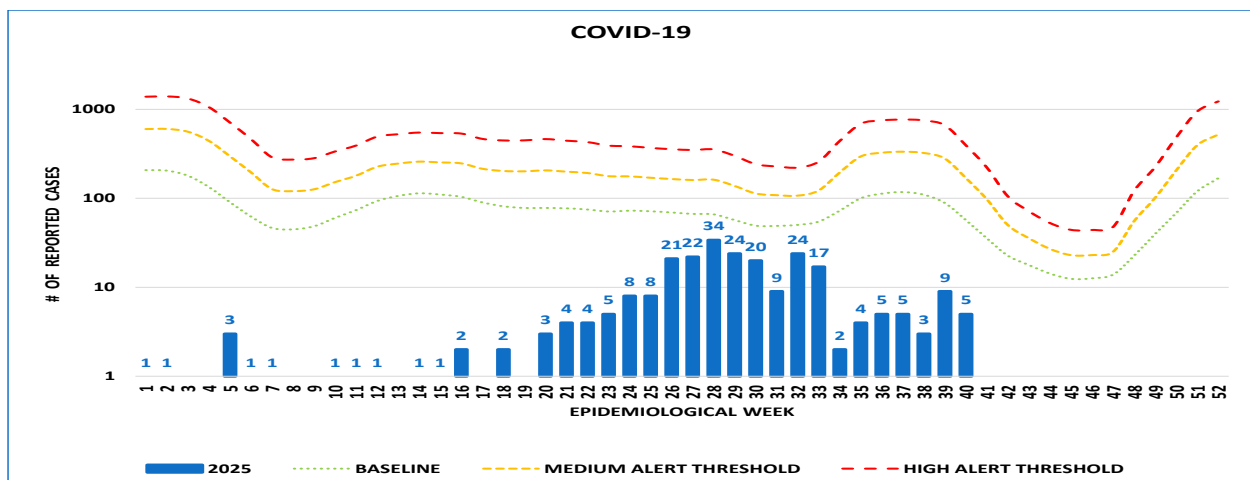
Clinical (or suspect): A person with fever, headache, myalgia, and cough

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



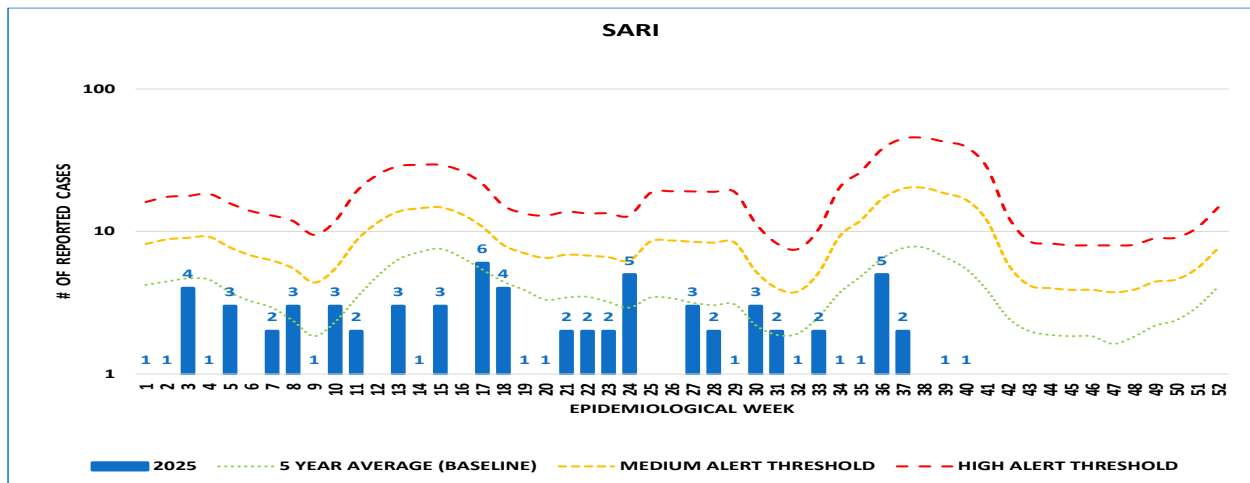
COVID-19:

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

There was no influenza activity reported during EWs 37-40. This aligns with the off-season patterns observed in previous weeks.

COVID-19 activity fluctuated over the period. There were 5 cases reported at the beginning and end of the period (EWs 37 and 40) with a decrease to 3 cases in EW 38 and an increase to 9 cases in EW 39. This suggests continued community circulation, though not at outbreak levels.

SARI (Severe Acute Respiratory Infection) activity remained low and stable. After 2 cases in EW 37, no cases were reported in EW 38, followed by 1 case each in EWs 39 and 40. This reflects typical patterns for this time of year, when fewer severe respiratory illnesses are expected.

Routine Communicable Disease Surveillance (EWs 37-40, 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	18	55
COVID-19	249	610
Human Metapneumovirus [hMPV]	52	22
Influenza	231	228
Respiratory Syncytial Virus [RSV]	110	55
Tuberculosis - Extrapulmonary	1	0
Tuberculosis - Pulmonary	3	1
Vaccine Preventable Diseases under the Caribbean Expanded Programme on Immunization		
Chicken Pox [Varicella] (clinically confirmed)	7	11
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]	2	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	2	0
Malaria	1	0
Zika	0	0
Food and Water Borne Pathogens		
<i>Campylobacter</i>	27	21
Ciguatera Poisoning (clinically confirmed)	0	0
<i>Cryptosporidium</i>	2	5
<i>E. Coli</i> (pathogenic)	43	42
<i>Giardia</i>	3	3
Hepatitis A	1	1
Listeria	0	0
Norovirus	8	7
Salmonella	20	27
Shigella	3	2
<i>Staphylococcus</i> (pathogenic)	0	0
<i>Toxoplasma</i>	0	0
Typhoid and Paratyphoid	0	0
<i>Vibrio</i> (excluding Cholera)	0	1
Other Diseases		
Viral Encephalitis/Meningitis	0	0
Hepatitis B	3	4
Hepatitis C	7	3
Leprosy (Hansen's Disease)	0	0
Meningitis/Encephalitis (not specified)	3	0
Rabies (in Humans)	0	0
Specific Diseases under Country Surveillance		
Chlamydia	186	233
Gonorrhoea	10	28
Herpes	13	35
Syphilis	5	3

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