



GOVERNMENT OF BERMUDA  
Ministry of Health

# SURVEILLANCE SUMMARY REPORT

## 2025:

EPIDEMIOLOGICAL WEEKS 49-53: 30 NOVEMBER 2025 – 3 JANUARY 2026

*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 7 JANUARY 2026

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## Syndromic Surveillance

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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  $100.4^{\circ}\text{F}$ ) 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  $100.4^{\circ}\text{F}$ ) 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  $100.4^{\circ}\text{F}$ ) 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  $100.4^{\circ}\text{F}$ ) 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  $100.4^{\circ}\text{F}$ ) 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  $100.4^{\circ}\text{F}$ ) 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 49 - 53 included Fever and Rash (chickenpox, hand foot and mouth disease, scabies), Fever and Respiratory (adenovirus, chlamydia pneumoniae, common cold, coronavirus "seasonal", COVID-19, human metapneumovirus, influenza, mycoplasma pneumoniae, parainfluenza, RSV, strep throat) Gastroenteritis (c. difficile, campylobacter, e. coli, rotavirus, 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 49-53, there was an alert for Gastroenteritis.

### Epidemiological Week 49

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	1	LOW
Fever and Rash	0	1	2	4	LOW
Fever and Respiratory Symptoms (under 5 years)	3	6	10	19	LOW
Fever and Respiratory Symptoms (5 years and older)	27	33	53	94	LOW
Gastroenteritis (under 5 years)	0	0	1	3	LOW
Gastroenteritis (5 years and older)	3	3	5	9	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 50

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	1	LOW
Fever and Rash	1	1	2	4	LOW
Fever and Respiratory Symptoms (under 5 years)	10	6	10	18	LOW
Fever and Respiratory Symptoms (5 years and older)	33	35	55	96	LOW
Gastroenteritis (under 5 years)	0	0	1	3	LOW
Gastroenteritis (5 years and older)	2	3	5	9	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 51

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	1	LOW
Fever and Rash	1	0	1	3	LOW
Fever and Respiratory Symptoms (under 5 years)	8	5	9	16	LOW
Fever and Respiratory Symptoms (5 years and older)	31	41	65	114	LOW
Gastroenteritis (under 5 years)	1	0	1	2	MEDIUM
Gastroenteritis (5 years and older)	5	3	6	11	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 52

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	1	LOW
Fever and Rash	1	1	1	3	LOW
Fever and Respiratory Symptoms (under 5 years)	1	5	8	15	LOW
Fever and Respiratory Symptoms (5 years and older)	46	44	74	133	LOW
Gastroenteritis (under 5 years)	0	0	1	2	LOW
Gastroenteritis (5 years and older)	1	3	6	11	LOW
Undifferentiated Fever (under 5 years)	0	0	0	1	LOW
Undifferentiated Fever (5 years and older)	0	0	0	1	LOW
% of sentinel sites reporting					92.86%

### Epidemiological Week 53

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	1	LOW
Fever and Rash	1	1	2	3	LOW
Fever and Respiratory Symptoms (under 5 years)	4	5	8	14	LOW
Fever and Respiratory Symptoms (5 years and older)	35	37	60	105	LOW
Gastroenteritis (under 5 years)	0	0	1	2	LOW
Gastroenteritis (5 years and older)	4	2	4	10	LOW
Undifferentiated Fever (under 5 years)	0	0	0	1	LOW
Undifferentiated Fever (5 years and older)	0	0	0	1	LOW
% of sentinel sites reporting					92.86%

### Cumulative Summary: Epidemiological Weeks 1-53

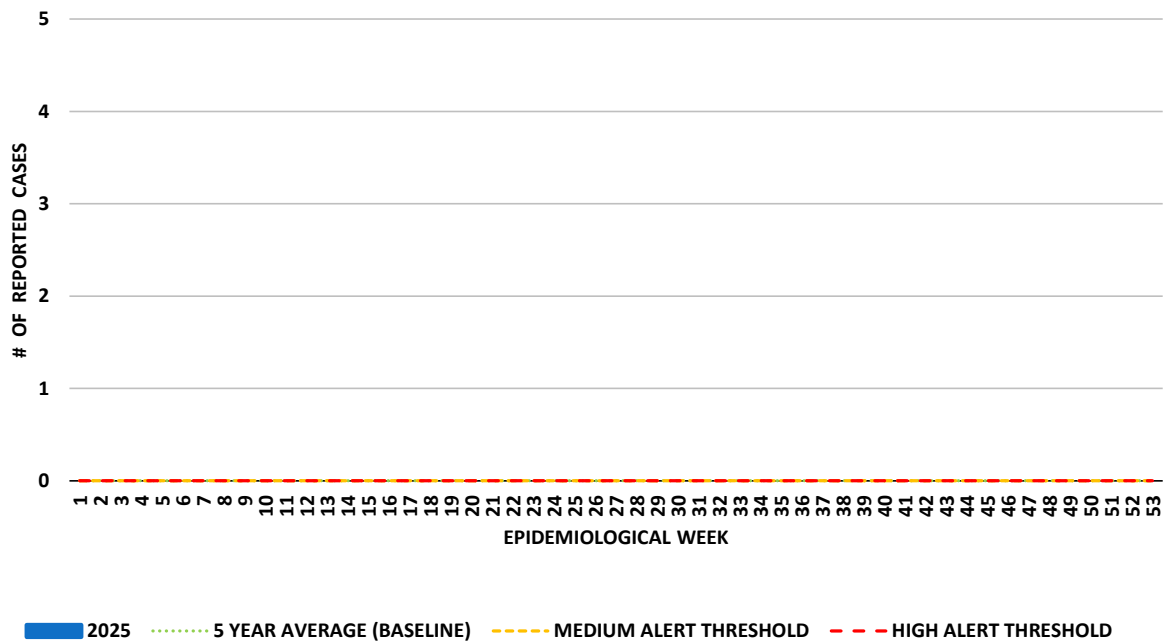
Syndrome	# of Reported Cases	5-Yr Average	Medium Alert Threshold**	High Alert Threshold***	Alert Level
Acute Flaccid Paralysis	0	0	0	0	LOW
Fever and Haemorrhagic Symptoms	0	0	1	3	LOW
Fever and Neurological Symptoms	7	1	6	17	MEDIUM
Fever and Rash	81	26	72	163	MEDIUM
Fever and Respiratory Symptoms (under 5 years)	242	226	445	881	LOW
Fever and Respiratory Symptoms (5 years and older)	1531	1682	3031	5728	LOW
Gastroenteritis (under 5 years)	38	38	90	194	LOW
Gastroenteritis (5 years and older)	232	183	320	592	LOW
Undifferentiated Fever (under 5 years)	0	1	8	20	LOW
Undifferentiated Fever (5 years and older)	1	1	7	19	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.

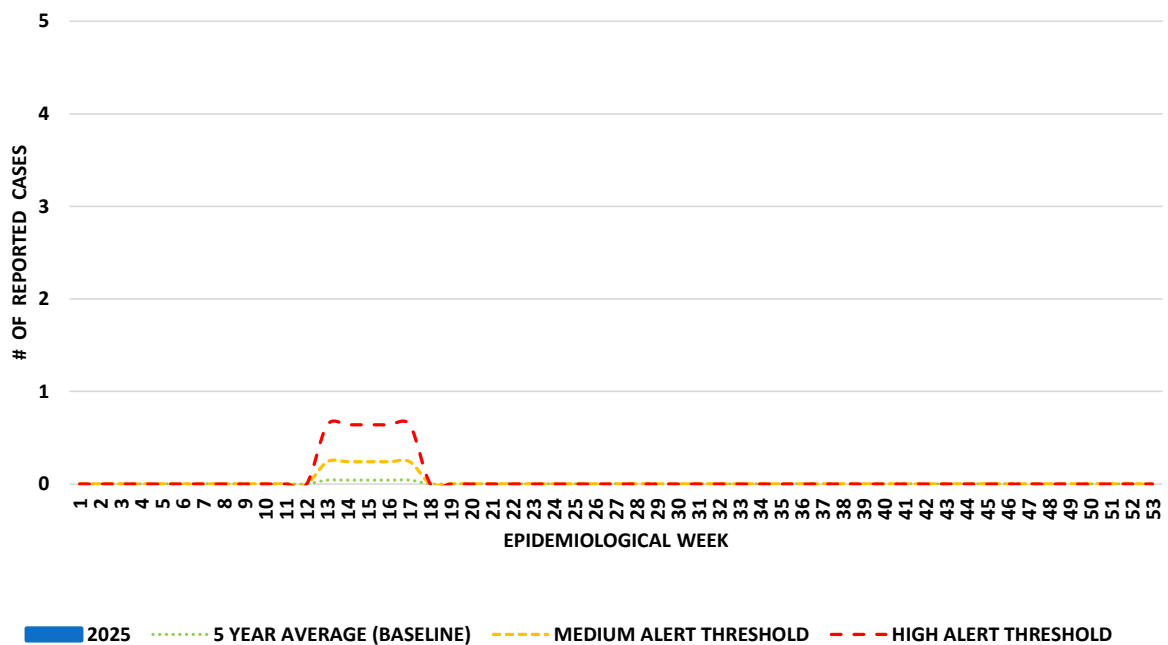
\*\* Medium Alert Threshold is set at 1 standard deviation above 5-yr average

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

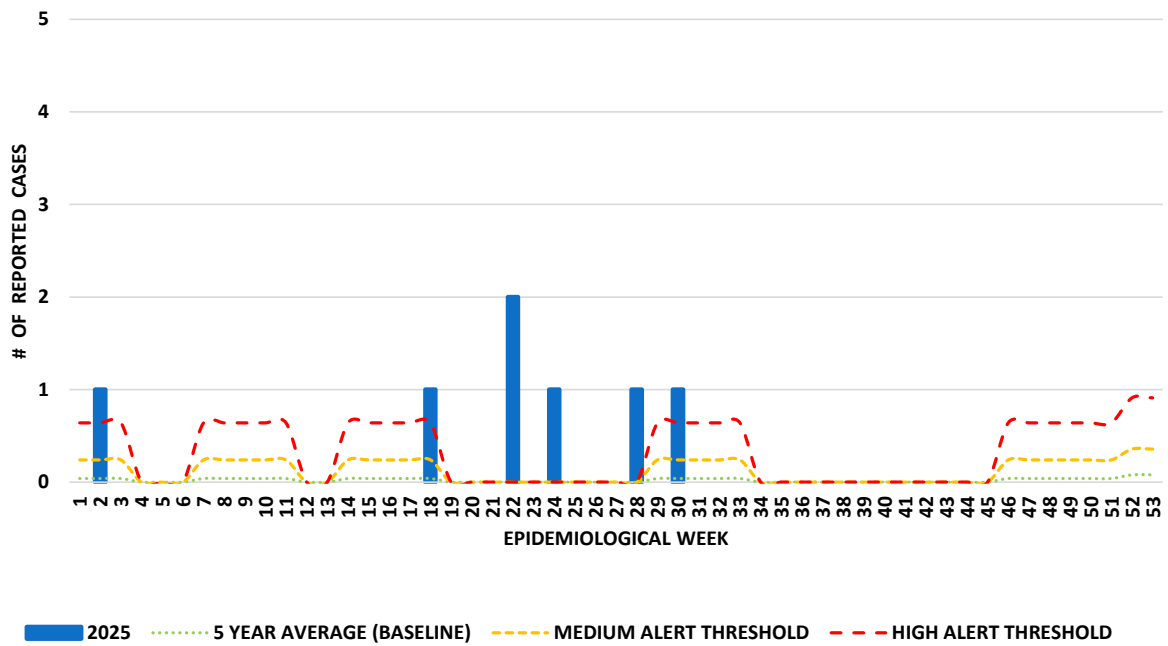
### ACUTE FLACCID PARALYSIS



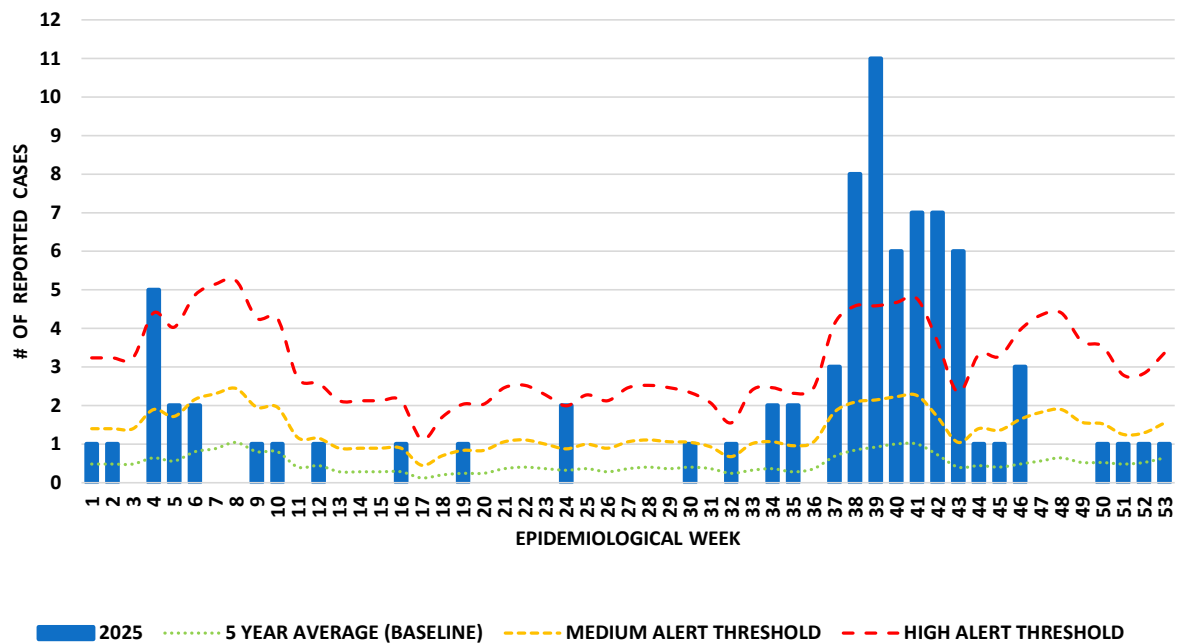
### FEVER AND HAEMORRHAGIC SYMPTOMS



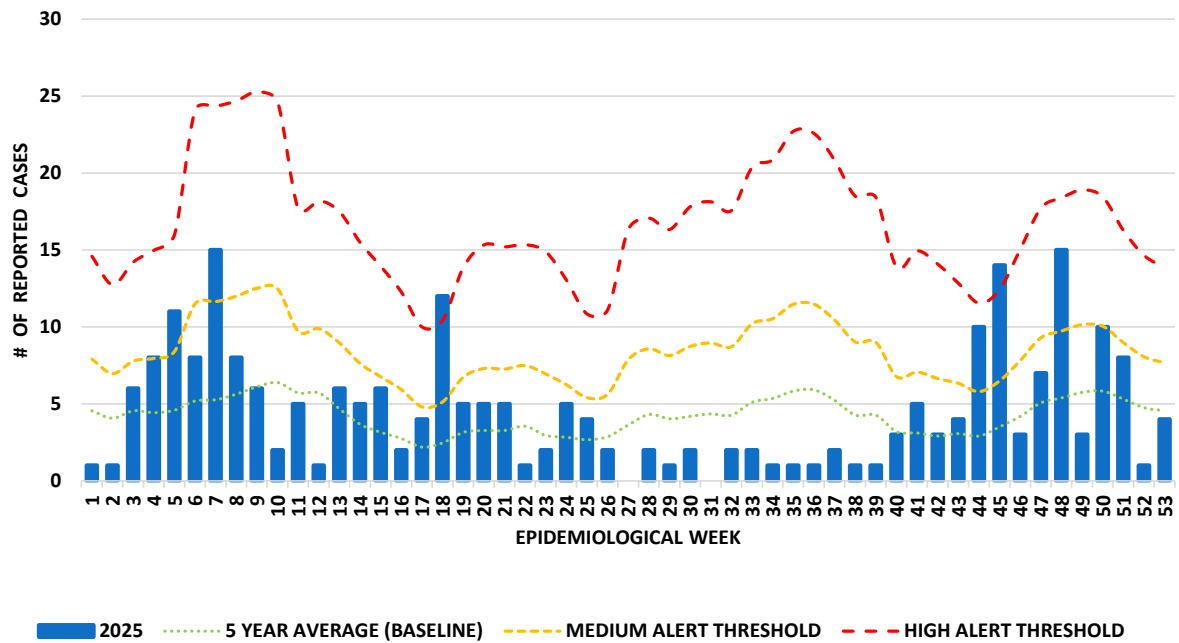
## FEVER AND NEUROLOGICAL SYMPTOMS



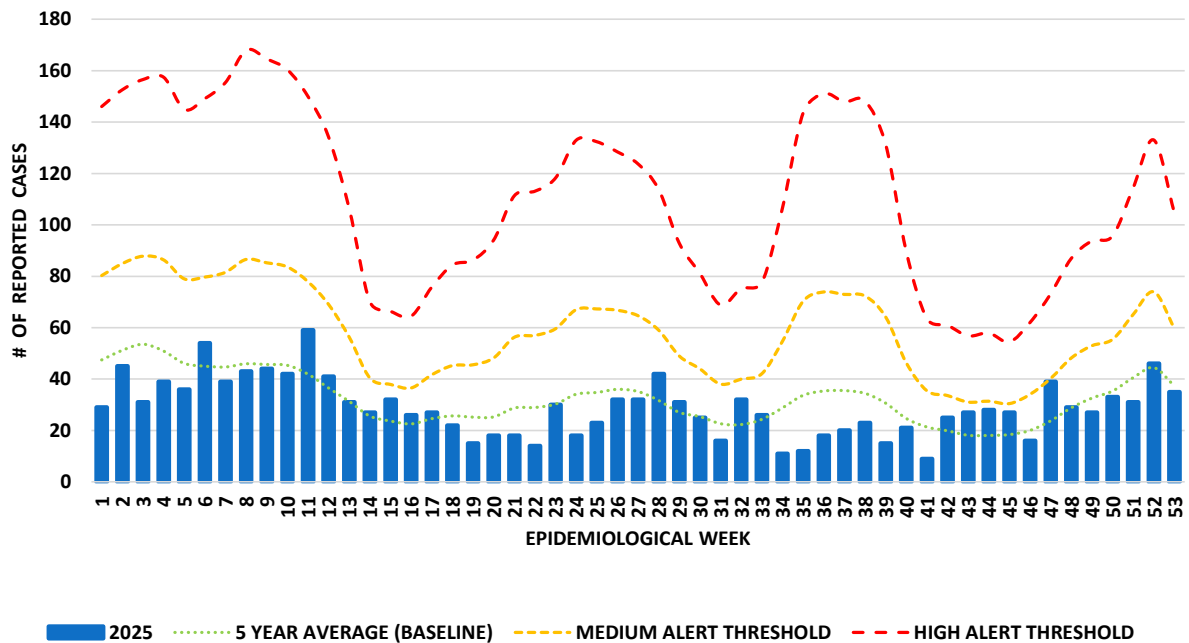
## FEVER AND RASH



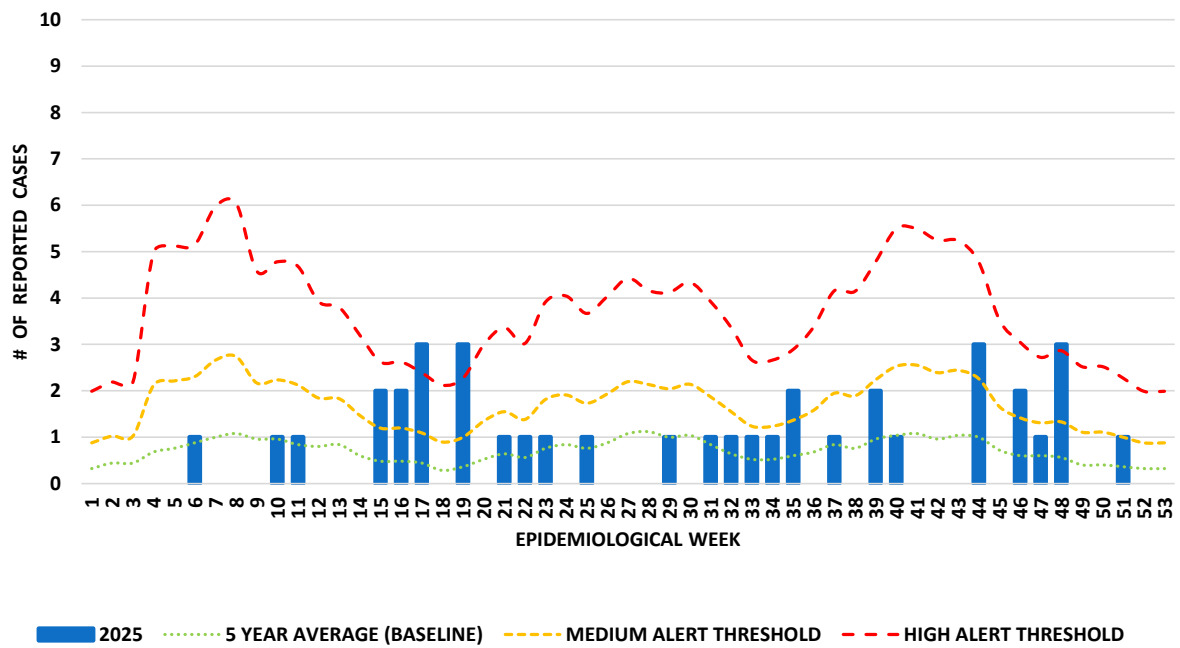
### FEVER AND RESPIRATORY SYMPTOMS IN PERSONS AGED UNDER 5 YEARS



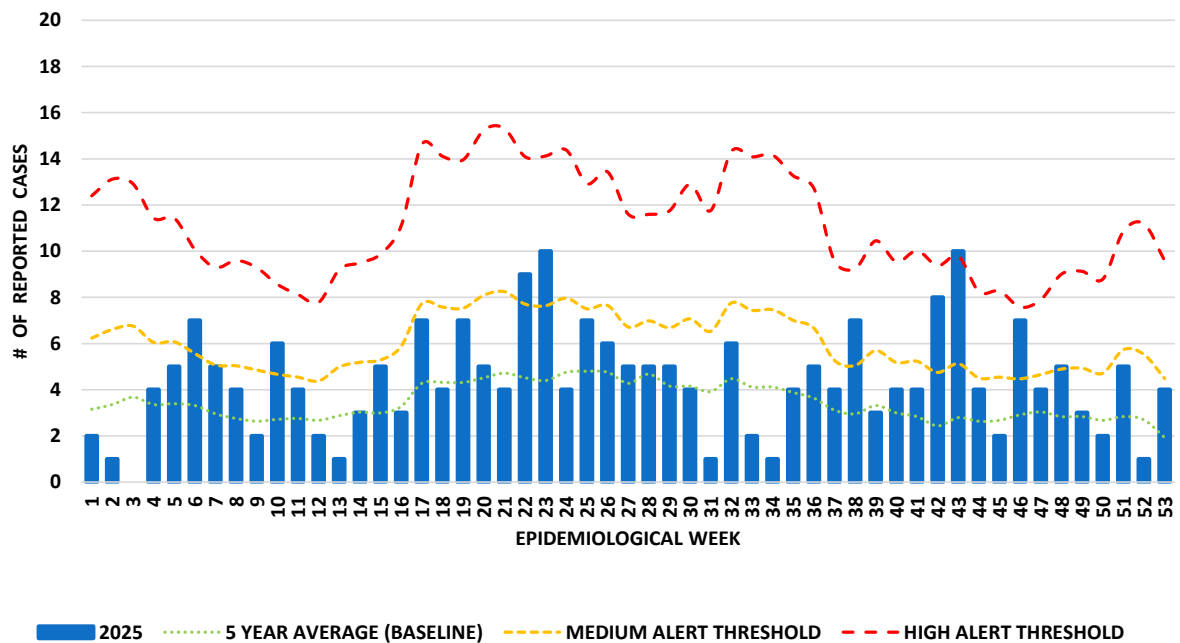
### FEVER AND RESPIRATORY SYMPTOMS IN PERSONS AGED 5 YEARS AND OLDER



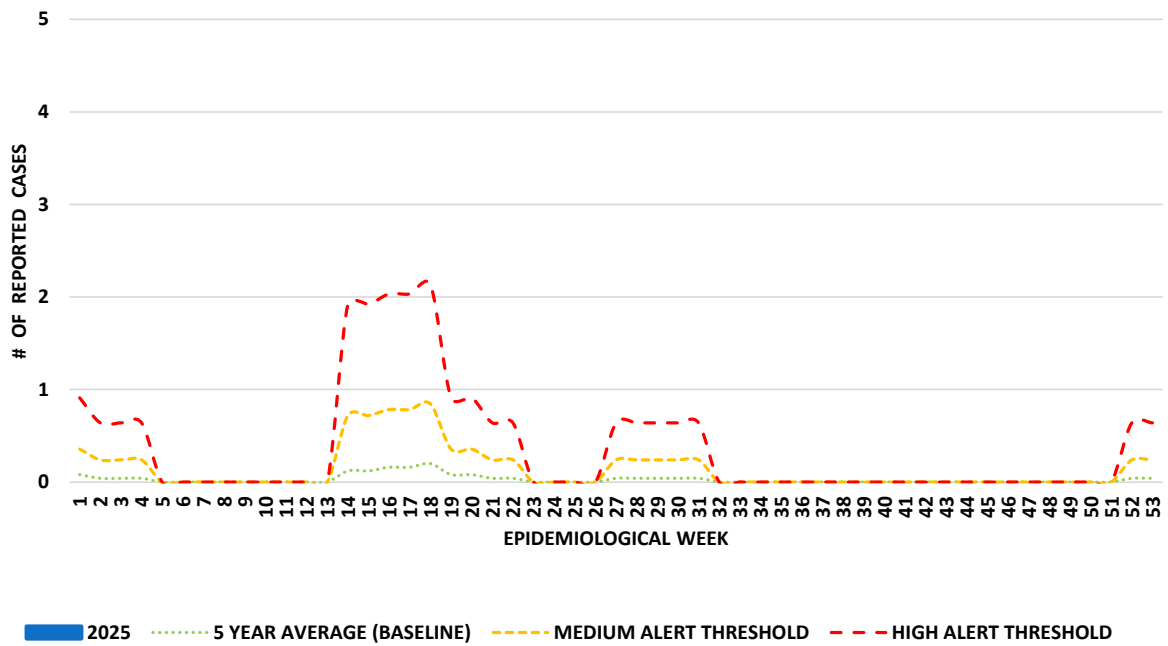
### GASTROENTERITIS IN PERSONS AGED UNDER 5 YEARS



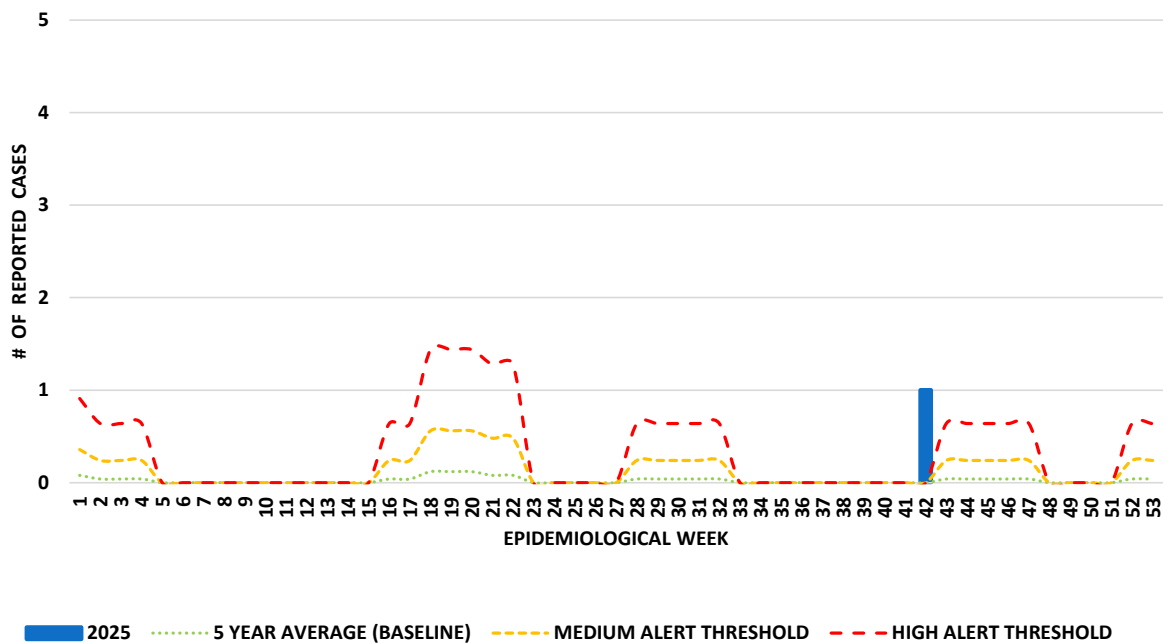
### GASTROENTERITIS IN PERSONS AGED 5 YEARS AND OLDER



### UNDIFFERENTIATED FEVER IN PERSONS AGED UNDER 5 YEARS



### UNDIFFERENTIATED FEVER IN PERSONS AGED 5 YEARS AND OLDER





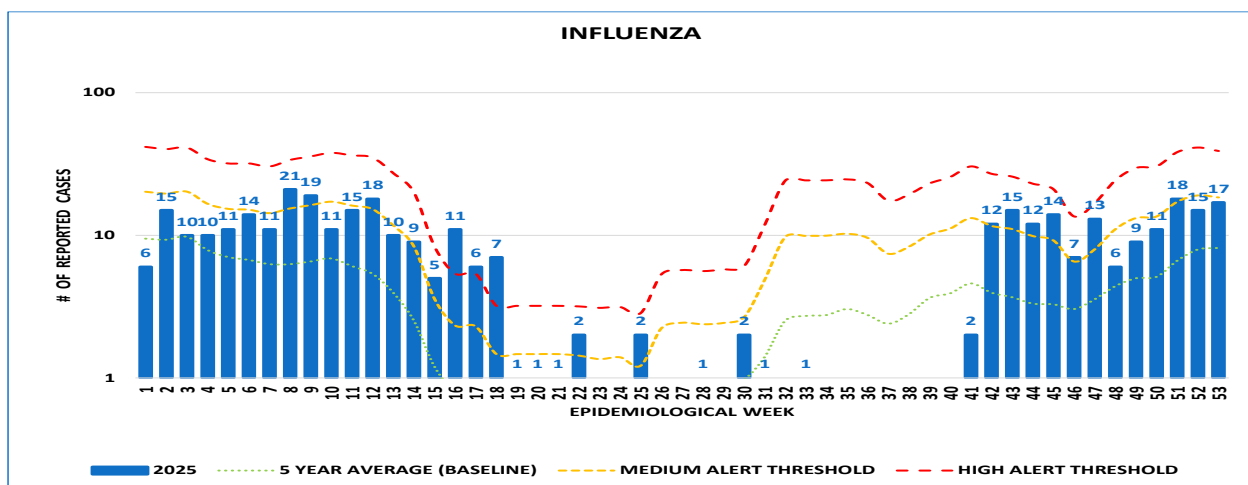
# Conditions of Interest: Influenza, COVID-19, and Severe Acute Respiratory Infection (SARI)

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:

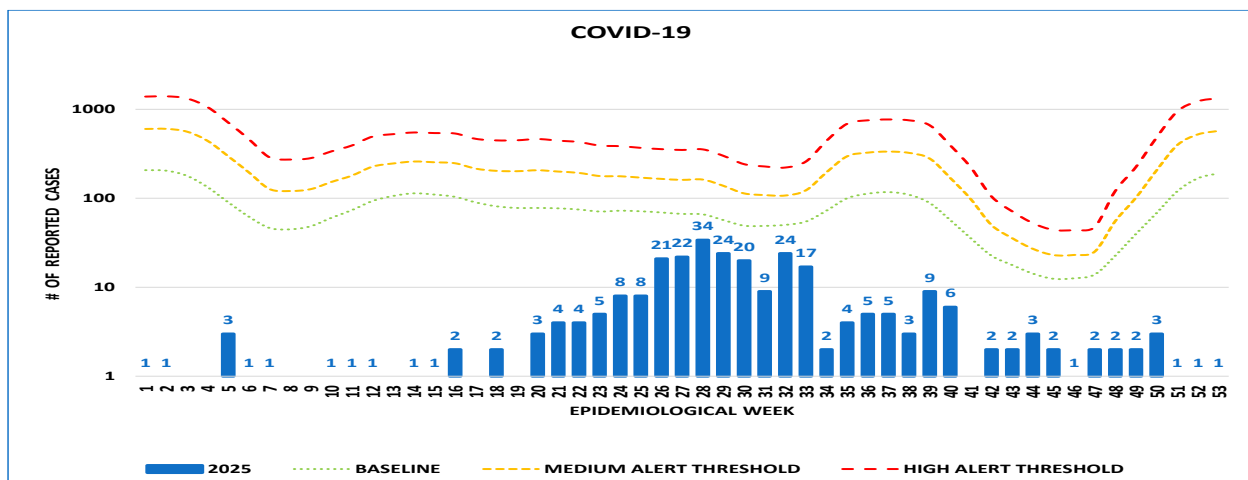
*Clinical (or suspect):* A person with fever, headache, myalgia, and cough

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



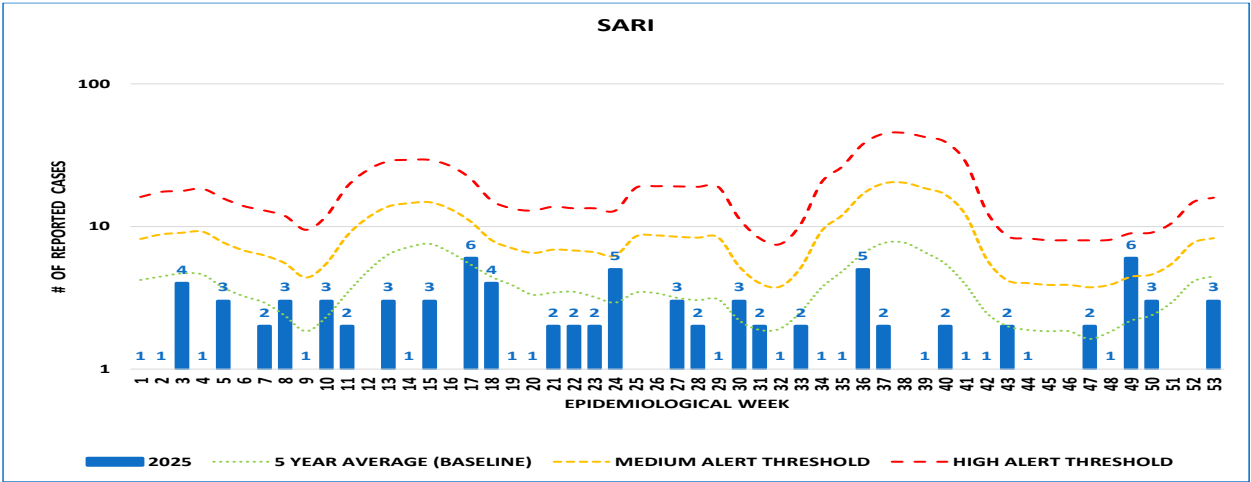
## COVID-19:

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 continued to rise over this period, with reported cases increasing steadily from 9 in EW 49 to a seasonal peak of 18 in EW 51, followed by 15 and 17 cases in EWs 52 and 53, respectively. This suggests that the influenza season was active with continued circulation of influenza in the community during these weeks.

COVID-19 case counts remained relatively stable and low, fluctuating between 1 and 3 cases weekly. There was no indication of an upward trend or sustained transmission during this period.

SARI (Severe Acute Respiratory Infection) activity was variable. After a spike to 6 cases in EW 49 and 3 cases in EW 50, no cases were reported in EWs 51 or 52. A slight increase was observed again in EW 53, with 3 reported cases.

## Routine Communicable Disease Surveillance

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.
<b>Diseases Reportable under the International Health Regulations</b>		
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
<b>Air Borne Diseases</b>		
Adenoviruses	22	61
COVID-19	270	642
Human Metapneumovirus [hMPV]	54	24
Influenza	385	343
Respiratory Syncytial Virus [RSV]	137	71
Tuberculosis - Extrapulmonary	2	0
Tuberculosis - Pulmonary	3	1
<b>Vaccine Preventable Diseases under the Caribbean Expanded Programme on Immunization</b>		
Chicken Pox [Varicella] (clinically confirmed)	10	16
Diphtheria	0	0
Measles	0	2
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]	4	2
Pneumonia [due to <i>Haemophilus influenzae</i> ]	0	0
Pneumonia [due to <i>Streptococcus pneumoniae</i> ]	0	1
Rotavirus	13	12
Rubella [Congenital German Measles]	0	0
Rubella [German Measles]	0	0
Tetanus [excluding Neonatal]	0	0
Tetanus Neonatorum	0	0
<b>Vector Borne Diseases</b>		
Chagas Disease	0	0
Chikungunya	0	0
Dengue Fever	0	2
Dengue Haemorrhagic Fever/Shock Syndrome	0	0
Leptospirosis	3	0
Malaria	2	0
Zika	0	0
<b>Food and Water Borne Pathogens</b>		
<i>Campylobacter</i>	33	24
Ciguatera Poisoning (clinically confirmed)	0	2
<i>Cryptosporidium</i>	3	6
<i>E. Coli</i> (pathogenic)	53	48
<i>Giardia</i>	4	4
Hepatitis A	1	1
Listeria	0	1
Norovirus	12	14
Salmonella	43	32
Shigella	3	2
Staphylococcus (pathogenic)	0	0
Taxoplasma	0	0
Typhoid and Paratyphoid	0	0
Vibrio (excluding Cholera)	0	1
<b>Other Diseases</b>		
Viral Encephalitis/Meningitis	1	0
Hepatitis B	3	5
Hepatitis C	9	7
Leprosy (Hansens Disease)	0	0
Meningitis/Encephalitis (not specified)	3	0
Rabies (in Humans)	0	0
<b>Specific Diseases under Country Surveillance</b>		
Chlamydia	240	277
Gonorrhoea	17	41
Herpes	24	44
Syphilis	5	6

## EPIDEMIOLOGICAL WEEKS 2026

WEEK	FROM	TO
1	4 Jan 2026	10 Jan 2026
2	11 Jan 2026	17 Jan 2026
3	18 Jan 2026	24 Jan 2026
4	25 Jan 2026	31 Jan 2026
5	1 Feb 2026	7 Feb 2026
6	8 Feb 2026	14 Feb 2026
7	15 Feb 2026	21 Feb 2026
8	22 Feb 2026	28 Feb 2026
9	1 Mar 2026	7 Mar 2026
10	8 Mar 2026	14 Mar 2026
11	15 Mar 2026	21 Mar 2026
12	22 Mar 2026	28 Mar 2026
13	29 Mar 2026	4 Apr 2026
14	5 Apr 2026	11 Apr 2026
15	12 Apr 2026	18 Apr 2026
16	19 Apr 2026	25 Apr 2026
17	26 Apr 2026	2 May 2026
18	3 May 2026	9 May 2026
19	10 May 2026	16 May 2026
20	17 May 2026	23 May 2026
21	24 May 2026	30 May 2026
22	31 May 2026	6 Jun 2026
23	7 Jun 2026	13 Jun 2026
24	14 Jun 2026	20 Jun 2026
25	21 Jun 2026	27 Jun 2026
26	28 Jun 2026	4 Jul 2026

WEEK	FROM	TO
27	5 Jul 2026	11 Jul 2026
28	12 Jul 2026	18 Jul 2026
29	19 Jul 2026	25 Jul 2026
30	26 Jul 2026	1 Aug 2026
31	2 Aug 2026	8 Aug 2026
32	9 Aug 2026	15 Aug 2026
33	16 Aug 2026	22 Aug 2026
34	23 Aug 2026	29 Aug 2026
35	30 Aug 2026	5 Sept 2026
36	6 Sept 2026	12 Sept 2026
37	13 Sept 2026	19 Sept 2026
38	20 Sept 2026	26 Sept 2026
39	27 Sept 2026	3 Oct 2026
40	4 Oct 2026	10 Oct 2026
41	11 Oct 2026	17 Oct 2026
42	18 Oct 2026	24 Oct 2026
43	25 Oct 2026	31 Oct 2026
44	1 Nov 2026	7 Nov 2026
45	8 Nov 2026	14 Nov 2026
46	15 Nov 2026	21 Nov 2026
47	22 Nov 2026	28 Nov 2026
48	29 Nov 2026	5 Dec 2026
49	6 Dec 2026	12 Dec 2026
50	13 Dec 2026	19 Dec 2026
51	20 Dec 2026	26 Dec 2026
52	27 Dec 2026	2 Jan 2027