



GRENADA

MINISTRY OF HEALTH GRENADA, WELLNESS & RELIGIOUS AFFAIRS

EPIDEMIOLOGY & HEALTH INFORMATION UNIT



EPIDEMIOLOGICAL SURVEILLANCE BULLETIN, Week 3, 2024

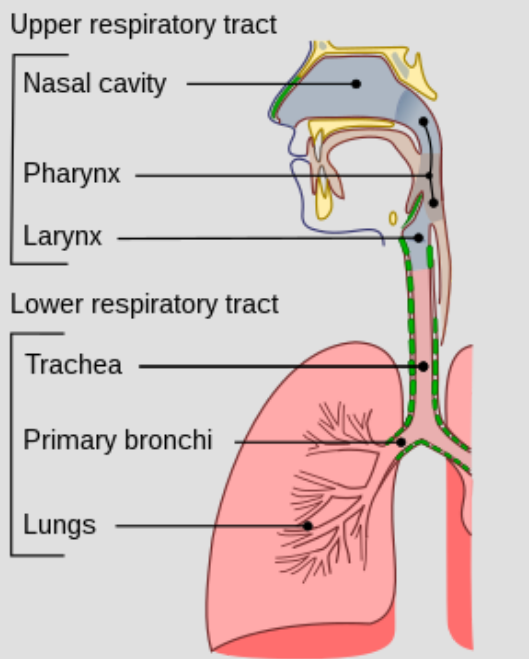
Acute Respiratory Infection	Gastroenteritis	Undifferentiated Fever	Dengue		
<p><5 years 75 ↓ -8.5% from previous week</p> <p>≥5 years 219 ↑ 7.4%</p>	<p><5 years 6 ↑ 20.0% from previous week</p> <p>≥5 years 51 ↑ 21.4%</p>	<p><5 years 2 ↓ -60.0% from previous week</p> <p>≥5 years 13 ↑ 85.7%</p>	<p>Not severe 14 ↑ 75.0% from previous week</p> <p>Severe 0</p>		
Fever & Haemorrhagic Symptoms	Fever & Neurological Symptoms	Fever & Rash	Tuberculosis	COVID-19	SARI
<p>Cases 0 0 from previous week</p>	<p>Cases 0 0 from previous week</p>	<p>Cases 0 0 from previous week</p>	<p>Cases 0 0 from previous week</p>	<p>Cases 39 ↑ 56.0% from previous week</p>	<p>Cases 0 0 from previous week</p>

SYNDROMIC SURVEILLANCE

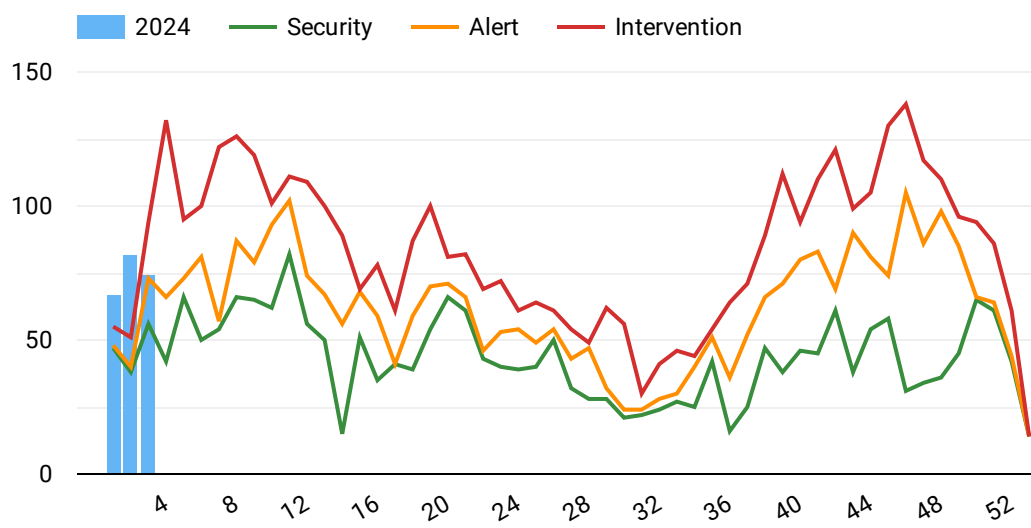
Syndromic surveillance refers to a system that enables public health authorities to stay connected with the well-being of the community in real time. This system facilitates the swift detection of potential outbreaks and issues, aids in monitoring ongoing health concerns, and enhances situational awareness regarding the community's health status.

ACUTE RESPIRATORY INFECTION

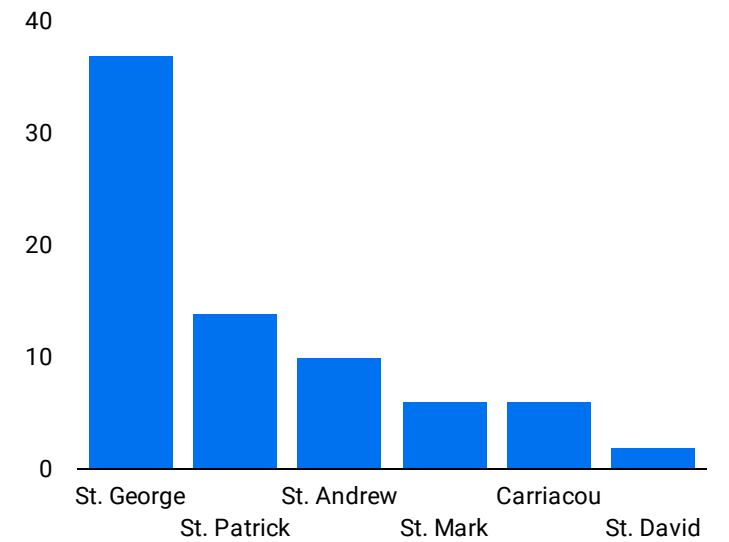
- Acute (sudden) febrile illness (>38.0 oC or 100.4 oF)
- Previously healthy person
- Presenting with cough or sore throat
- With or without respiratory distress



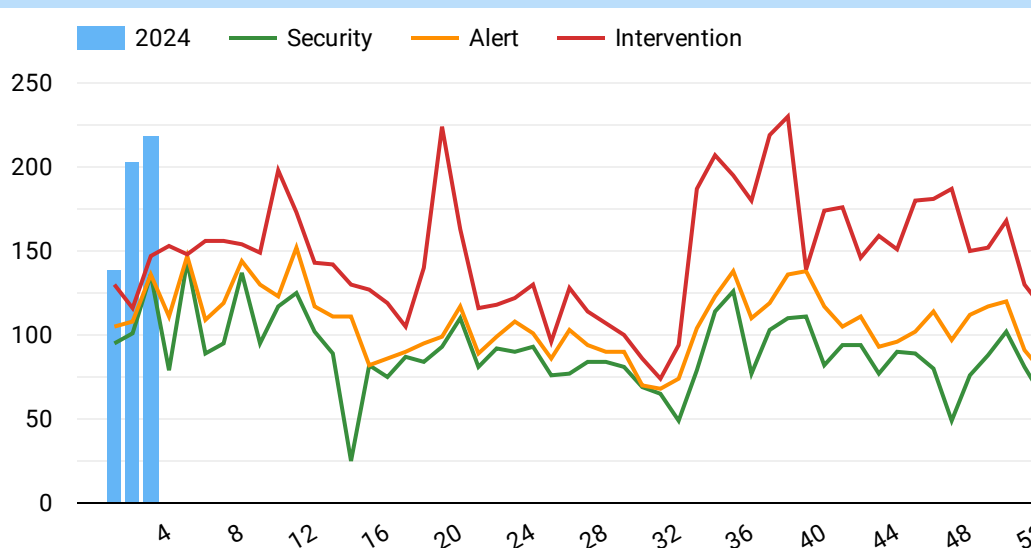
Acute Respiratory Infection < 5 years old, 2024



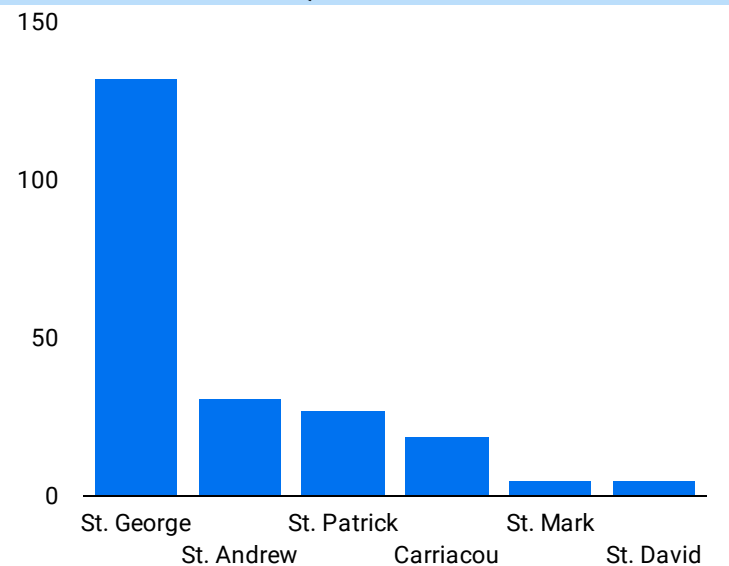
Acute Respiratory Infection <5 years old by district, Current week



Acute Respiratory Infection in those 5 years and older, 2024

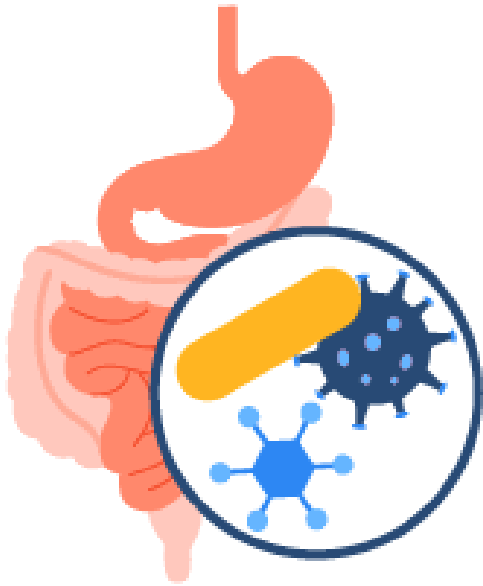


Acute Respiratory Infection ≥5 year olds by district, Current week

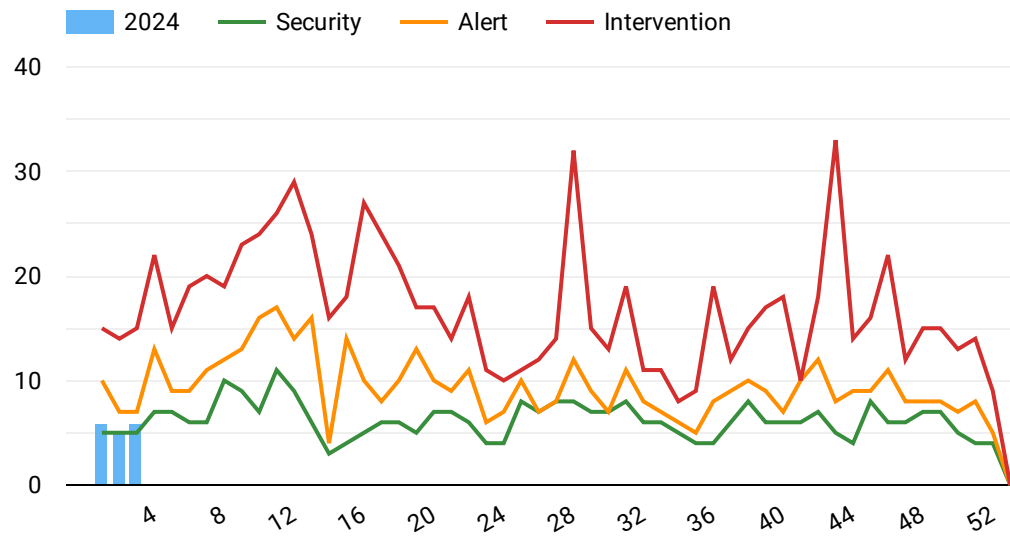


GASTROENTERITIS

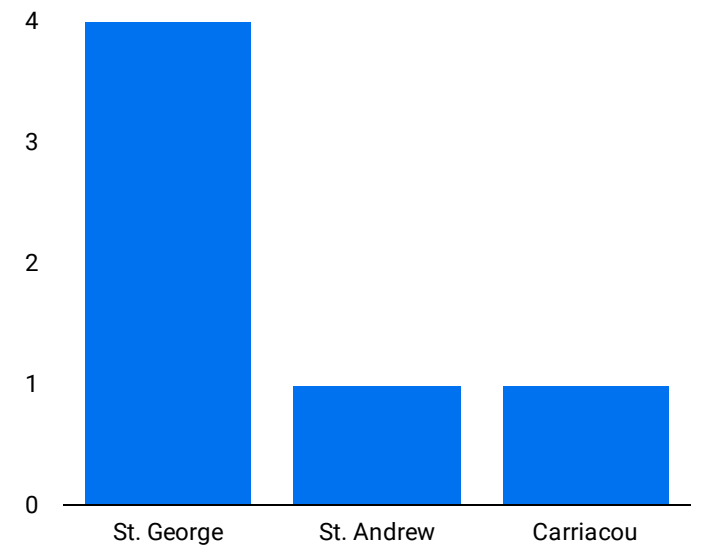
- Acute (sudden) onset of diarrhea
- With or without fever (>38.0 oC or 100.4 oF)
- Presenting with 3 or more loose or watery stools in the past 24 hours
- With or without dehydration, vomiting and/or visible blood



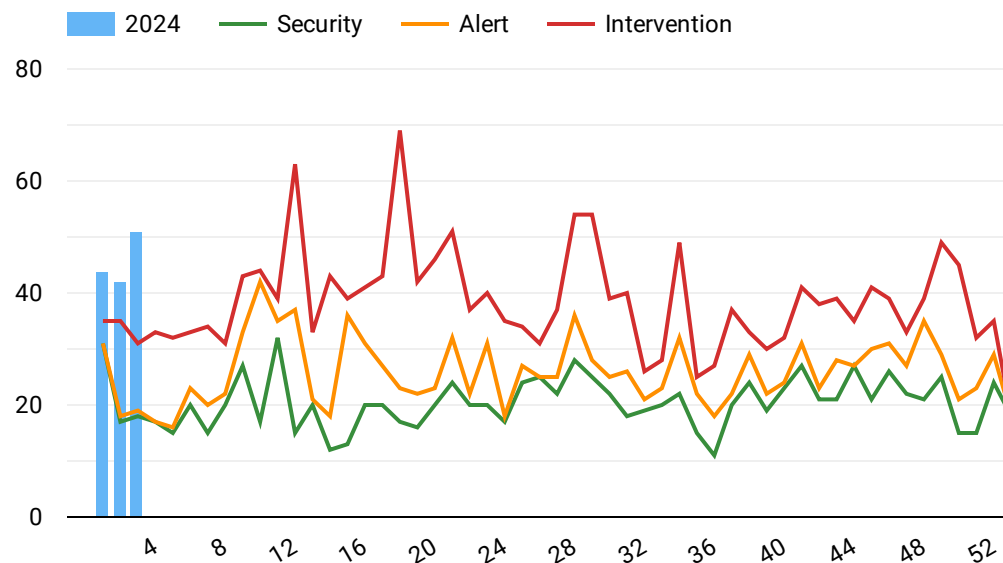
Gastroenteritis in less than 5 years old, 2024



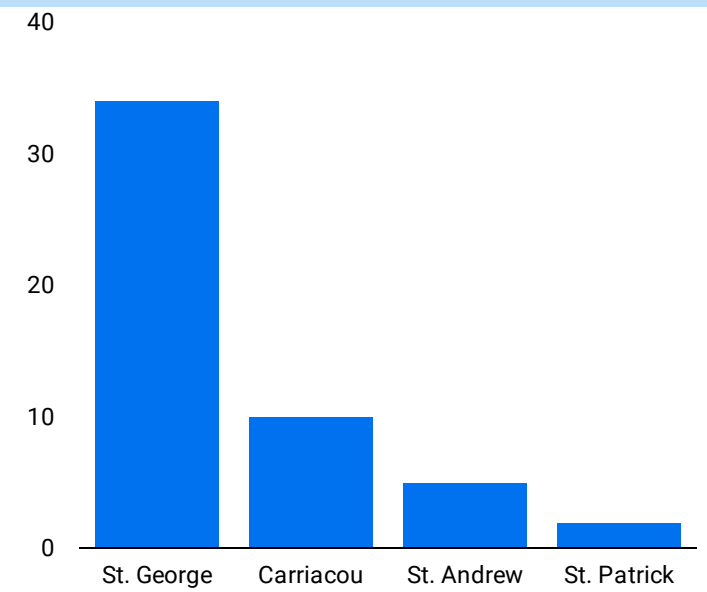
Gastroenteritis <5 years old by district, Current week



Gastroenteritis in those 5 years and older, 2024



Gastroenteritis ≥5 years old by district, Current week

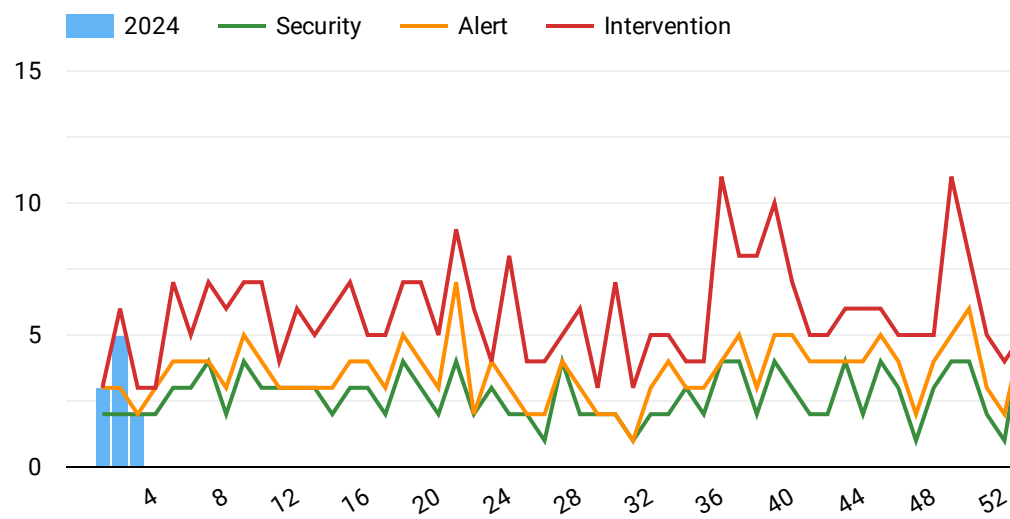


UNDIFFERENTIATED FEVER

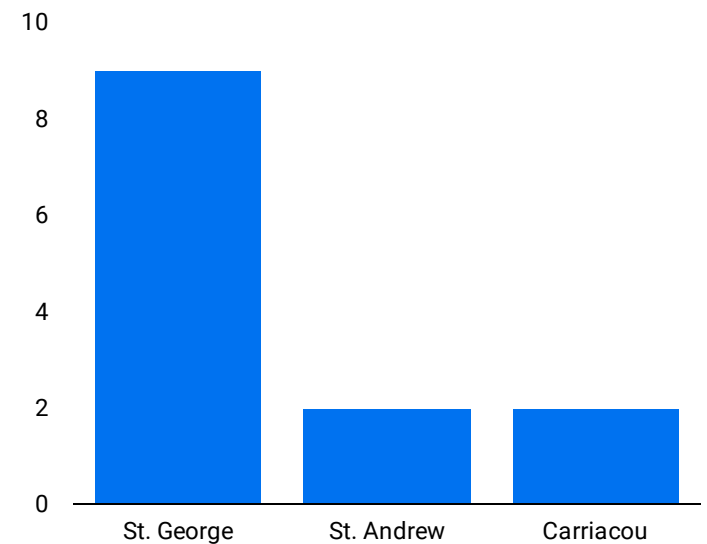
- An acute (sudden) febrile illness (>38.0 oC or 100.4 oF)
- Previously healthy person
- Less than 7 days duration
- With two or more of the following manifestations: headache, retro-orbital pain, myalgia, arthralgia, nausea, vomiting, jaundice
- AND without any particular symptom fitting another syndrome definition



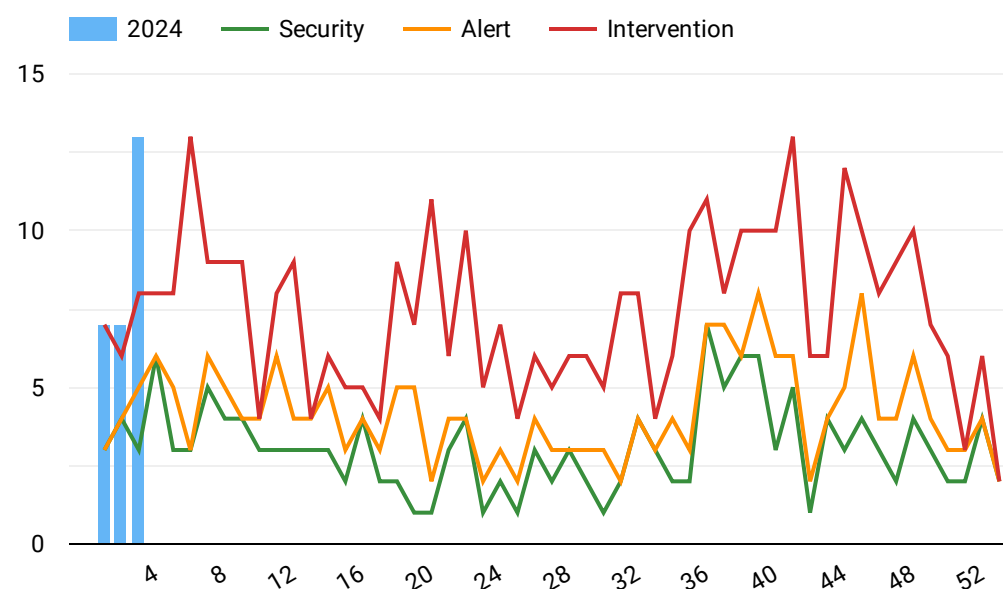
Undifferentiated Fever in less than 5 years old, 2024



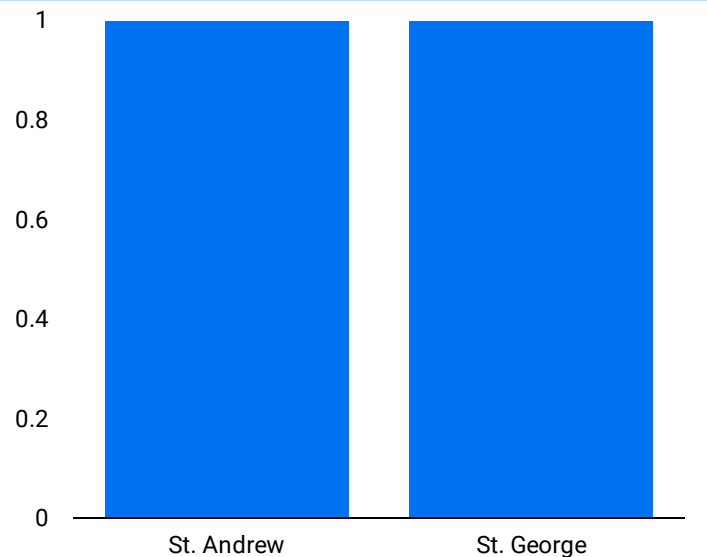
Undiff <5 years old by district, Current week



Undifferentiated Fever in 5 years and older, 2024

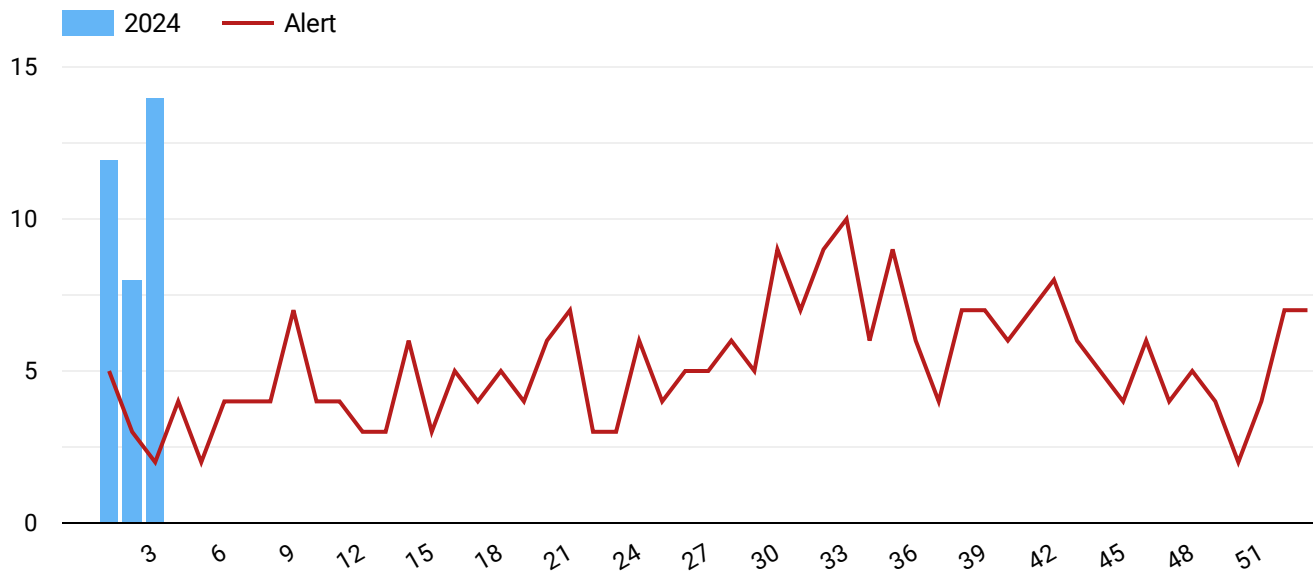


Undiff ≥5 year olds by district, Current week

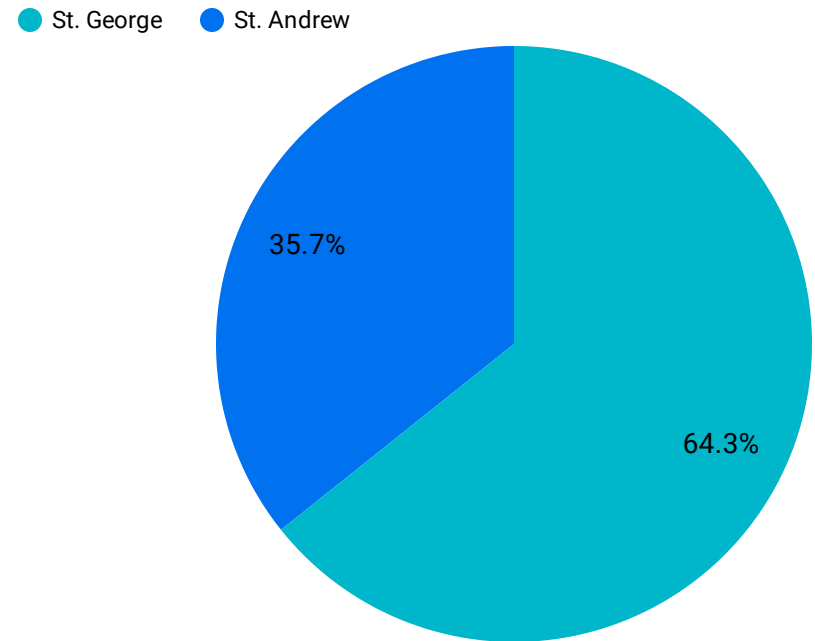


VECTOR BORNE DISEASES

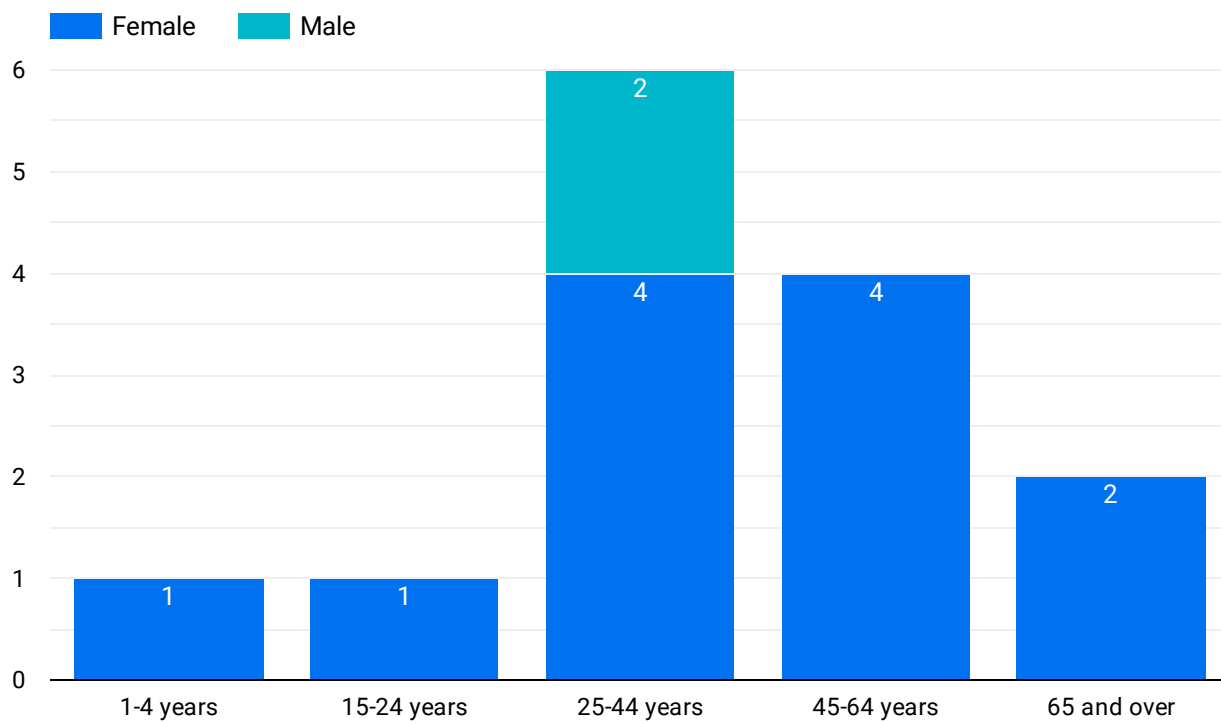
Dengue cases by epiweek



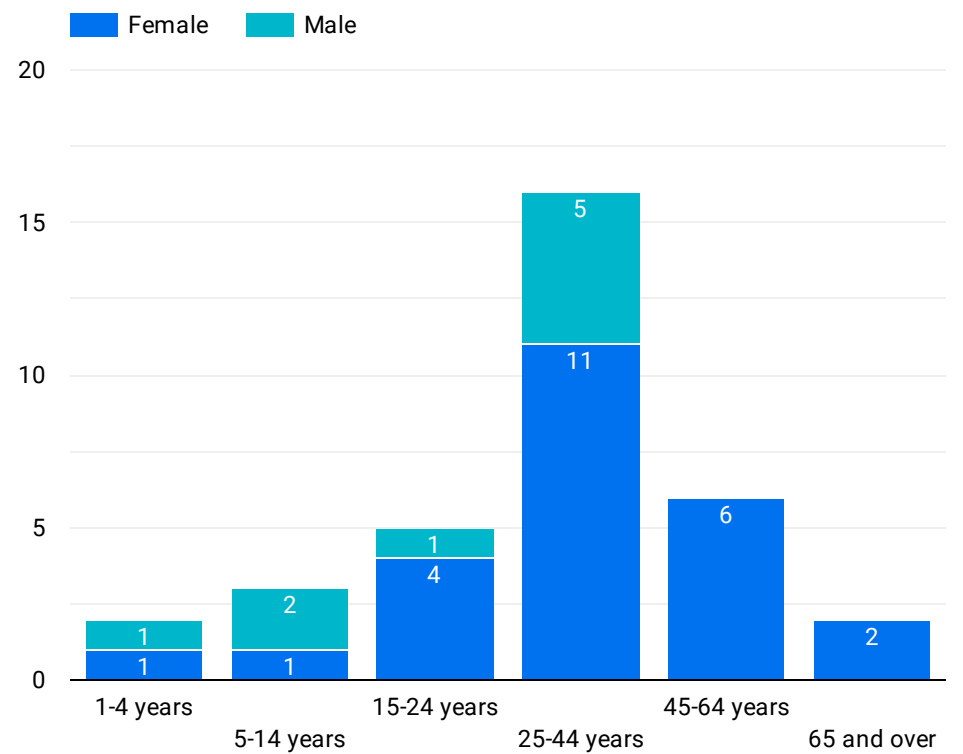
Dengue by District, current week



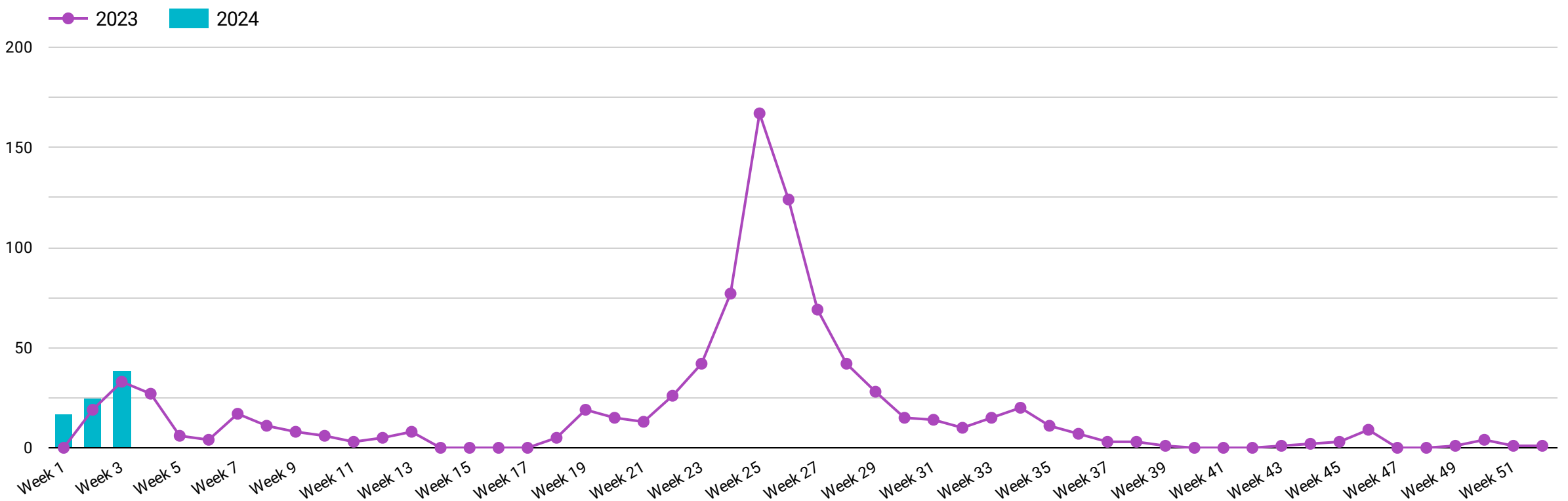
Dengue by age group and sex, current week



Dengue by age group and sex, 2024



COVID-19 CASES BY EPIWEEK, 2023 - 2024



SEXUALLY TRANSMITTED INFECTIONS

Disease	Current Week (CW) ▾	Last week	2024 till CW	2023 till CW	2022 till CW
Gonorrhoea	2	2	7	0	2
Pelvic Inflammatory Disease	2	2	7	1	0
Genital Discharge Syndrome	1	0	5	0	0
Syphilis	1	2	3	1	0
Herpes	0	0	0	0	1
Chlamydia	0	0	0	0	0
Trichomoniasis	0	0	0	0	0
HTLV 1&2	0	0	0	0	0
Hepatitis B	0	0	0	0	0
Grand total	6	6	22	2	3

OUTBREAKS

Dengue Fever: 14 reported cases for Epi week 3. Epidemiological investigation continues; Enhanced entomological surveillance and vector control efforts are being intensified to control and manage the situation. Increased public education continues to sensitize the public on the issue emphasizing the need to take measures to avoid mosquito bites, eliminate breeding sites for mosquitoes and seek immediate medical attention if ill.

Acute Respiratory Infection: The under 5 years old age group reported 9% decrease while the 5 years and older age group reported 7% increase in reported cases in Epi week 3 compared to Epi week 2. **Influenza A (H3N2), Rhinovirus, Adenovirus, Parainfluenza 3, & Respiratory Syncytial Virus (RSV)** are the respiratory pathogens identified. Respiratory hygiene measures continue to be recommended to manage the current situation.

COVID-19: 39 confirmed cases of COVID-19 reported for Epi week 3. COVID-19 sequencing results of samples received at CARPHA Medical Microbiology Laboratory (CMML) noted the presence of **Omicron HH.2 and Omicron XBB.1.16**. This is the first time that these have been identified by CMML for Grenada.

OTHER CONDITIONS OF SIGNIFICANCE

Disease ▾	Current Week (CW)	Last week	2024	2023 till cw	2022 till CW
Viral Conjunctivitis	0	0	0	0	0
Scabies	1	0	2	1	0
Neonatal Conjunctivitis	0	0	0	1	0
Meningitis (suspected)	0	0	0	0	0
Leptospirosis	0	0	0	0	0
Impetigo	0	0	1	2	1
Hepatitis (unspecified)	0	0	0	0	0
Coxsackievirus	4	9	21	2	0
Conjunctivitis (Unspecified)	0	4	4	2	6
Chicken Pox	0	2	3	2	0
Bacterial Conjunctivitis	0	4	4	5	0
Grand total	5	19	35	15	7