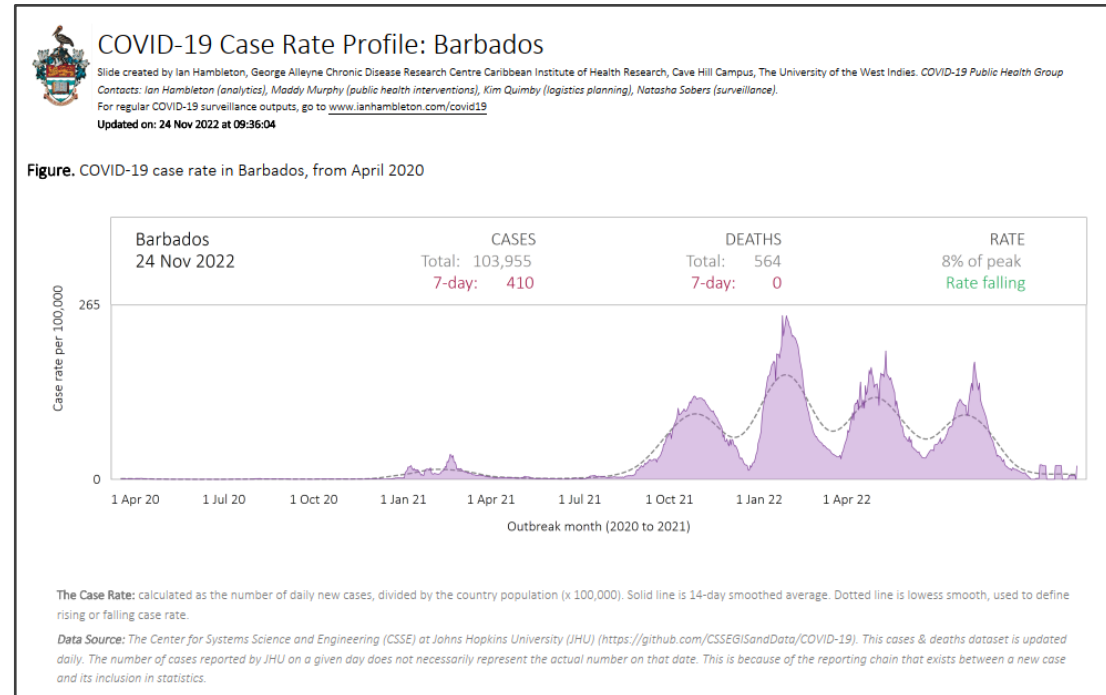
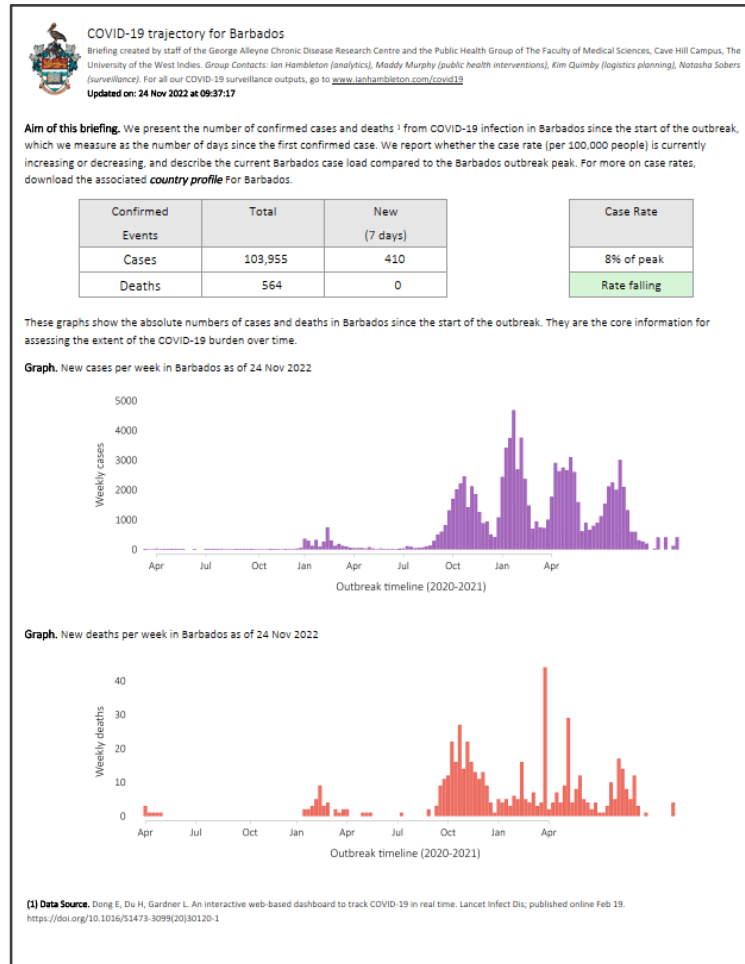


Caribbean Data Challenges

Ian Hambleton / Selvi Jeyaseelan, The UWI
June 2023

Daily surveillance: Country reports online each morning

20 country briefings: 14 CARICOM and 6 UKOTS

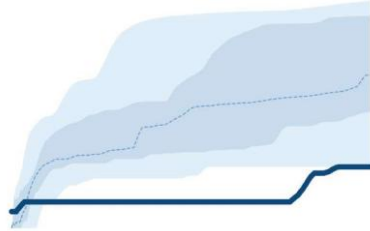


bit.ly/uwi-covid19

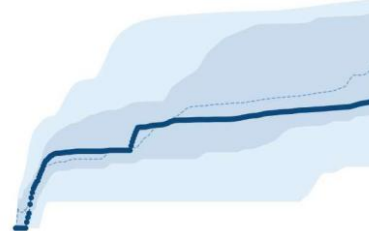


Daily surveillance: outbreak growth

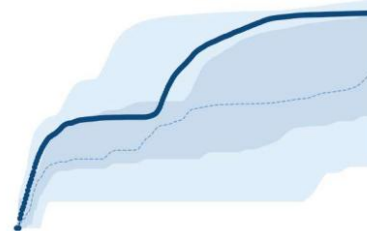
Angilla



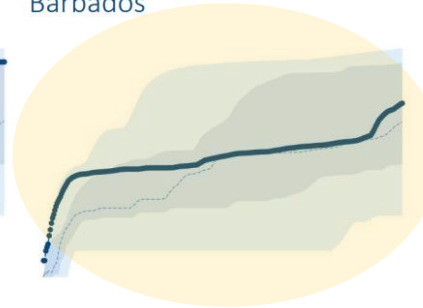
Antigua and Barbuda



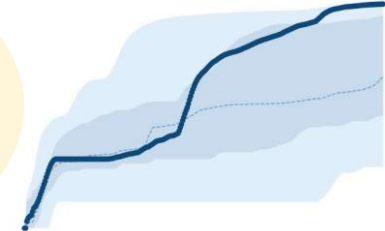
The Bahamas



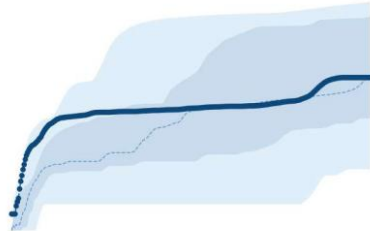
Barbados



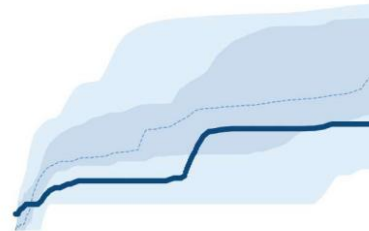
Belize



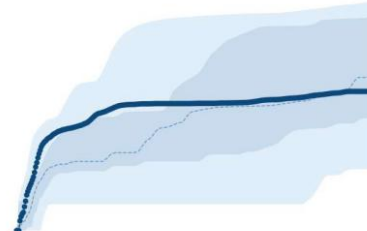
Bermuda



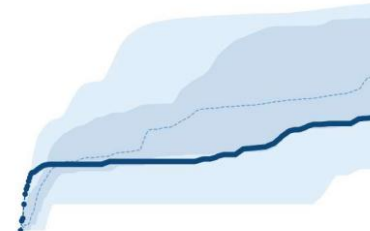
British Virgin Islands



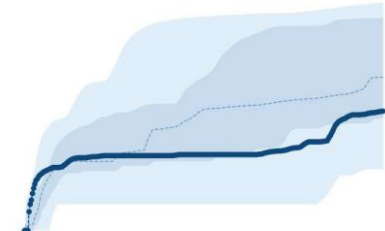
Cayman Islands



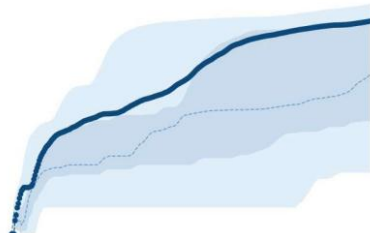
Dominica



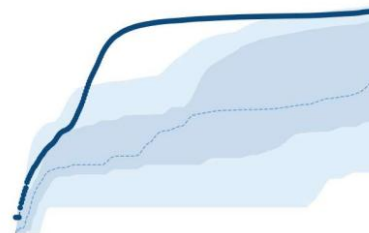
Grenada



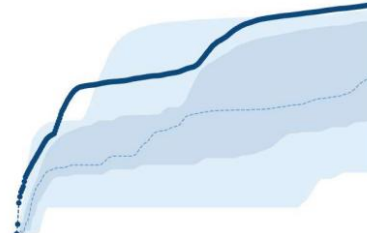
Guyana



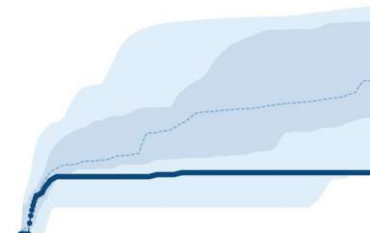
Haiti



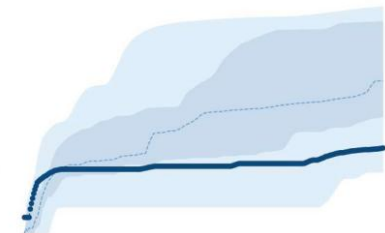
Jamaica



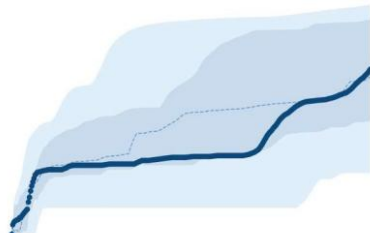
Montserrat



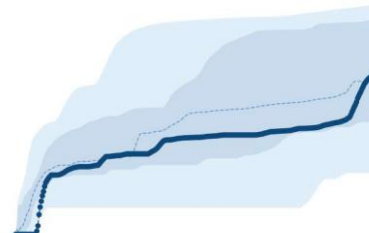
St Kitts & Nevis



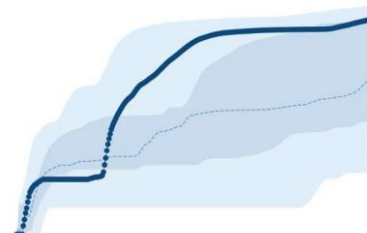
St Lucia



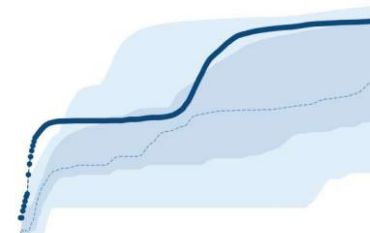
St Vincent & the Grenadines



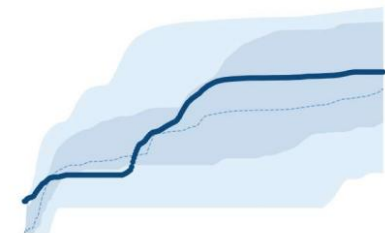
Suriname



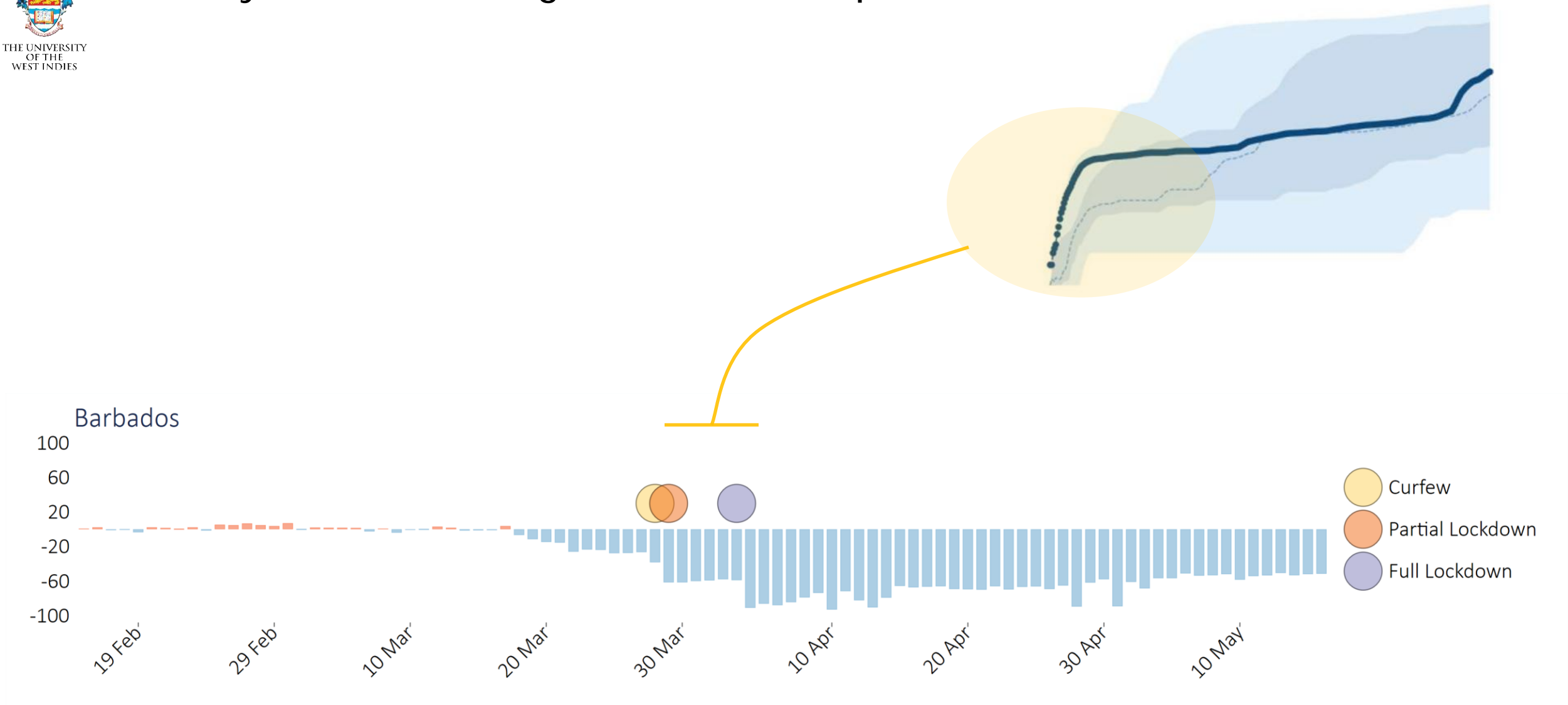
Trinidad & Tobago



Turks and Caicos Islands

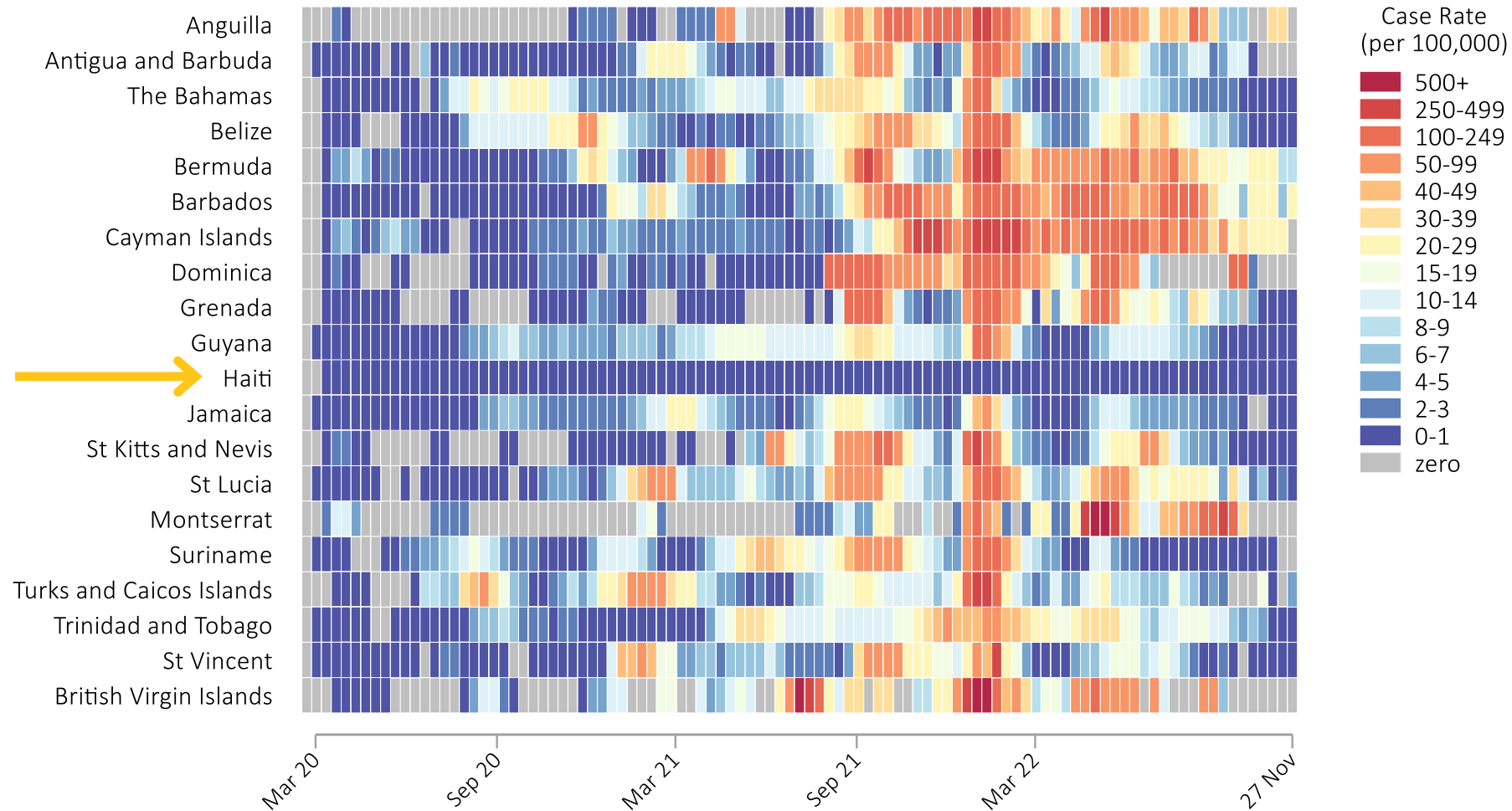


Daily surveillance: government response



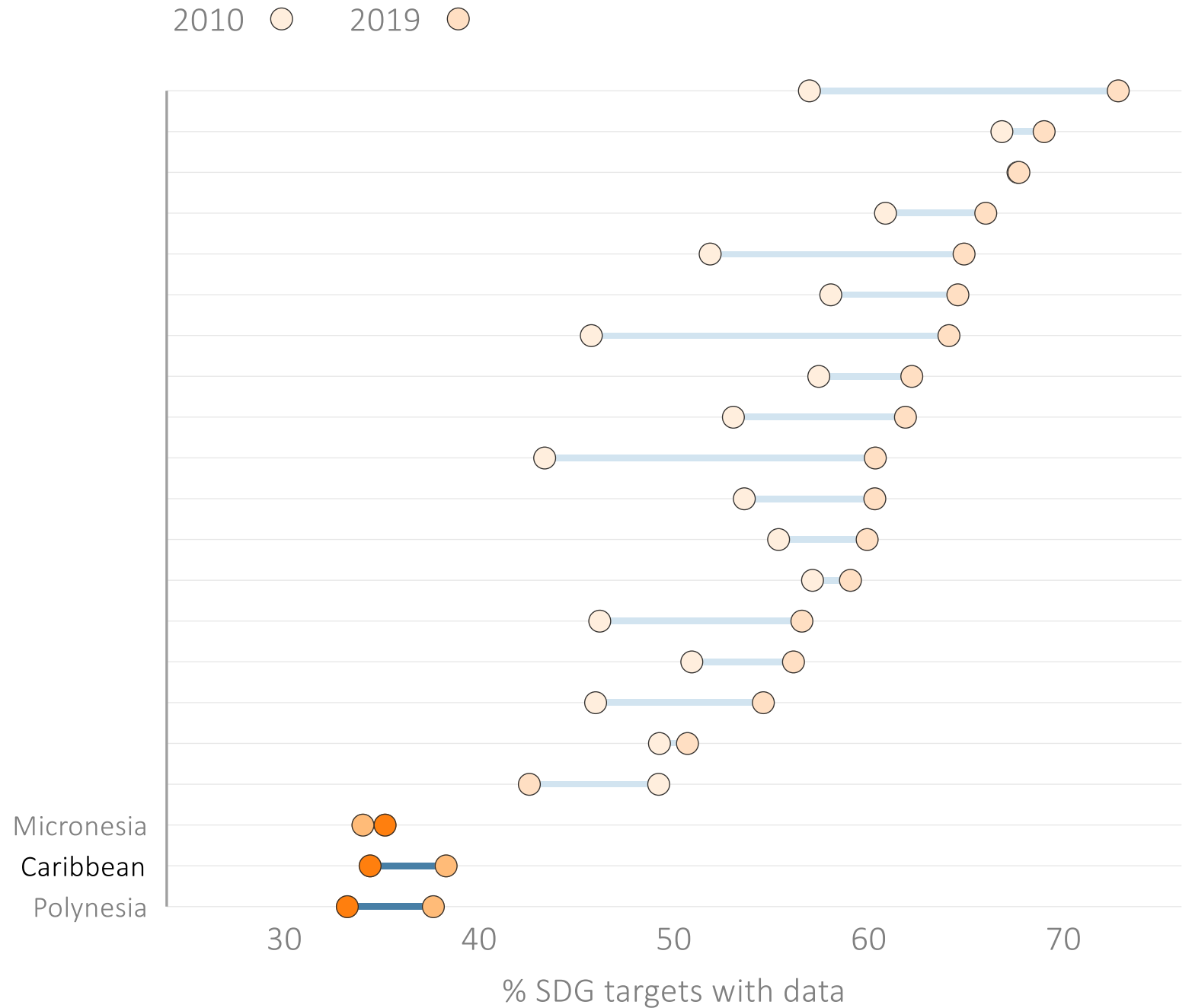
Daily surveillance: Data availability

Case rate by 27 Nov 2022



Data availability and accessibility in the Caribbean is limited

World Bank (2019)
Data for SDG Reporting.



Daily surveillance: Data challenges

| | |
|-----------------|-------------------------------------------|
| Overall | Need Standards for data |
| | Need Standards for reporting |
| Data Permanence | Need permanent archiving |
| | Need record of changes |
| Data Elements | Need accessible file formats |
| | Need data coding standards |
| Epi Challenges | Clearly describe missing data / data lags |
| | Need describe case definition |

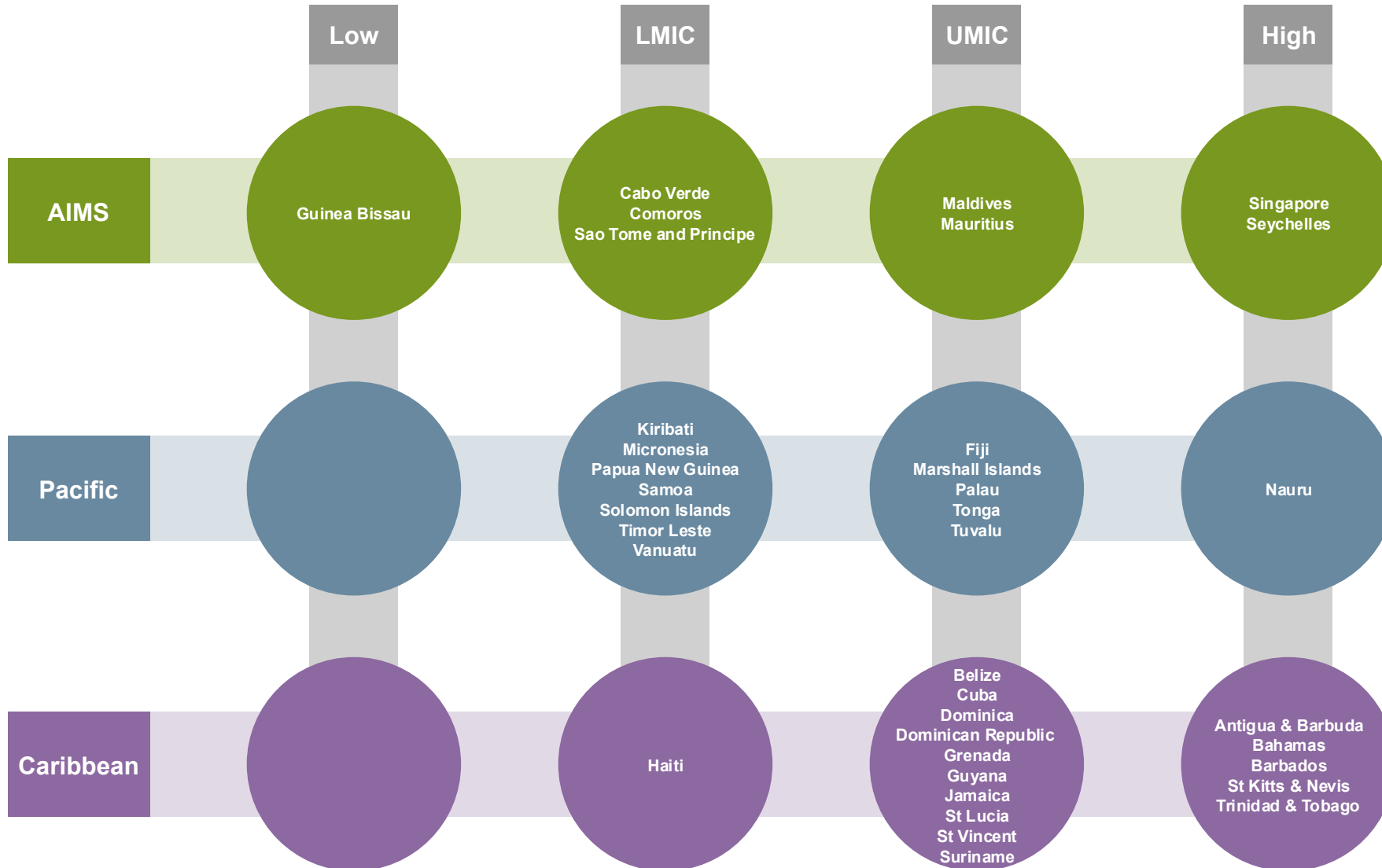
Data Challenges: The Caribbean





Data Challenges: The Caribbean

Data Challenges: Classifying SIDS



- In practice, WB income groups still dominate ODA allocations.
- Caribbean islands clustered in UMIC + High.
- Absolute resources despite High income status
- E.g. See the following quick analysis...

Data Challenges: ODA to SIDS

- OECD funding analysis. Aid at a glance... oecd.org/dac/financing-sustainable-development/development-finance-data/aid-at-a-glance.htm
- And... https://read.oecd-ilibrary.org/development/geographical-distribution-of-financial-flows-to-developing-countries-2023_12757fab-en-fr#page1
- Link data to GNI per capita values...
- Caribbean islands clustered in UMIC + High.
- E.g. See the following quick analysis...

Data Challenges: What is needed

- Need for support infrastructures
- Solutions must be “owned”, financed and measured. See Report on this...
- Need for centralization
- But not too much centralization... 2017

Data Challenges: Extreme weather events

- 2017-2019 hurricane seasons: Irma, Maria, Dorian
- 2021 Mount Soufriere. Countries affected....
- Images. Lasting effects.
- Existential threat
- Start to see why data issues regularly take a back seat.

Centre of Gravity

- Easy for me to talk about external support
- What formats might work.
- We all shout about sustainability in our grant applications. While at the same time we know we're going for 2, 3, 4 years of funding and we won't follow-up on sustainability thereafter.
- The sustainability model isn't broken. Because its never been built.
- How do we create a meaningful long-lasting centre-of-gravity with short term, mostly unconnected funding cycles.

CaribData

An ecosystem for Caribbean data-driven resilience



● Infrastructure



● Training & Guidelines



● Analytics & Communication



● Collaborative Working

To enable & champion Caribbean data sharing / re-use

We aim to do this by

**Building
Infrastructure**



Online software • Data Entry •
Data Sharing

**Developing
training and guidelines**



Workshops • Online learning •
Longer-term mentoring

**Analytics &
Communication**



Analytics for Caribbean evidence •
Data stories • Datathon

**Establishing networks for
collaborative working**



Conferencing and workshops.
Cross-sector collaborations.

Regional partners

The UWI
IDB
PAHO
CDEMA

Country partners

National Statistical Offices
Ministries of Health & Env.
NGOs / Civil Society

- A network to enable Caribbean data re-use
- Focus on sustainability
- Complement other regional data initiatives
- Support country partners according to their level of data development

CaribData

Developing an Ecosystem for Caribbean Data Sharing

Why is this needed?
The global data and analytics environment is evolving rapidly • Data handling in this fast-moving field is increasingly complex • Data without best-practice data handling is regularly unusable

A vital public good for the Caribbean
Data availability and accessibility in the Caribbean is limited • This public good will encourage data sovereignty for the Caribbean Small Island Developing States

What Are We Proposing?

Infrastructure
Online software for data planning, data collection, data sharing.



REDCap



DataVerse



DMP Online

Training
Data-handling courses, online best-practice guidelines, public events on data sharing and open data.



Courses & Mentoring



Guidelines



Workshops & Conference

Analytics
Generating new knowledge from secondary data.



Data Re-Use



Data Stories



Open-Access Analytics

Collaboration
Establishing networks of data stakeholders to support collaborative working



Networks



University, Government & Industry



Multi-Disciplinary

How Can this Help the Caribbean?
Enable and champion data sharing and data re-use • Work with and support country partners
• Complement existing regional data initiatives • Foster University, Government and Industry data collaboratives • Identify cross-discipline opportunities • Focus on sustainability

bit.ly/CaribData