



COVID-19 SLIDE DECK

Slide deck created by staff of the George Alleyne Chronic Disease Research Centre and the Public Health Group of The Faculty of Medical Sciences, Cave Hill Campus, The University of the West Indies. *Group Contacts: Ian Hambleton (analytics), Maddy Murphy (public health interventions), Kim Quimby (logistics planning), Natasha Sobers (surveillance)*. For all our COVID-19 surveillance outputs, go to www.uwi.edu/covid19/surveillance

Updated on: 8 Sep 2021 at 17:50:59

COVID-19 in the Caribbean: The Situation So Far

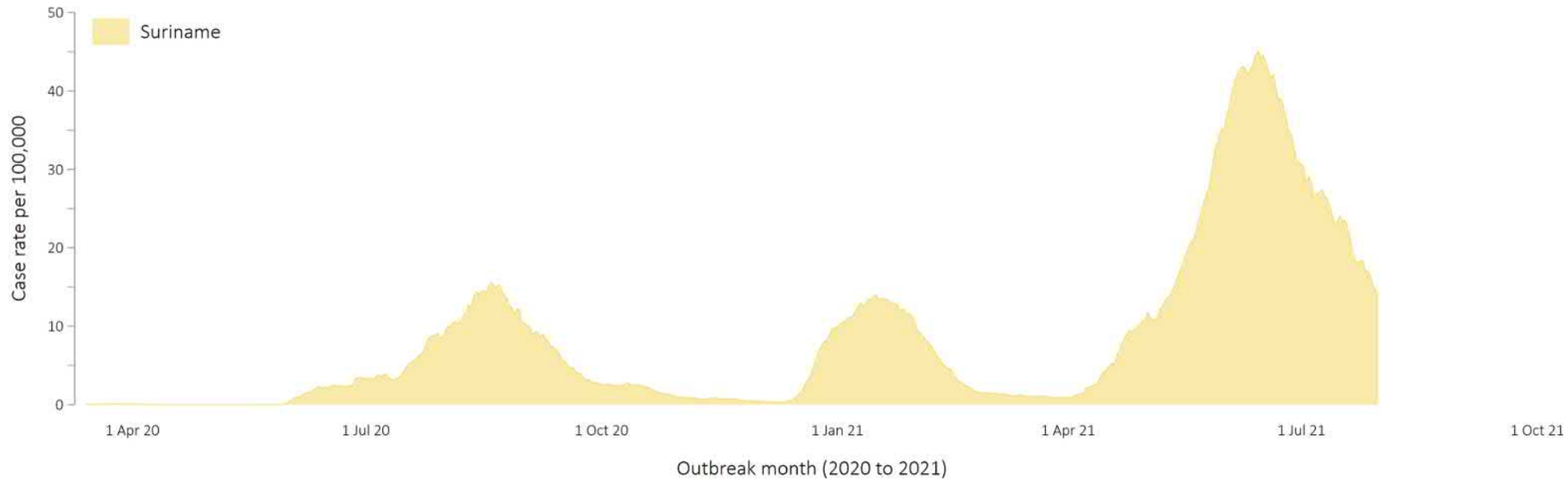
- We'll take a quick look at the outbreak history in the Caribbean.
- We'll then focus on the past few months.
- We'll highlight new metrics for monitoring our outbreaks.
- And we'll introduce a way of predicting what comes next.



COVID-19 outbreaks - the first 15-months

(Updated on: 8 Sep 2021)

SLIDE 2



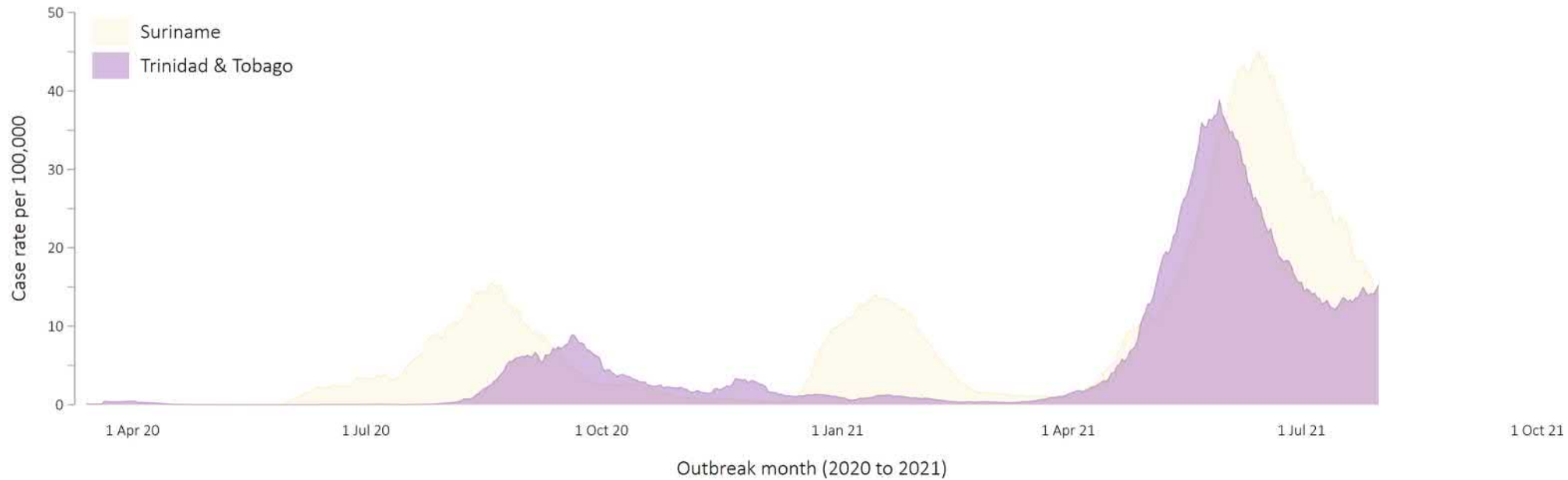
- First major outbreak in Suriname
- Suriname with 3 waves in first 15 months
- Third wave coincided with arrival of Gamma variant



COVID-19 outbreaks - the first 15-months

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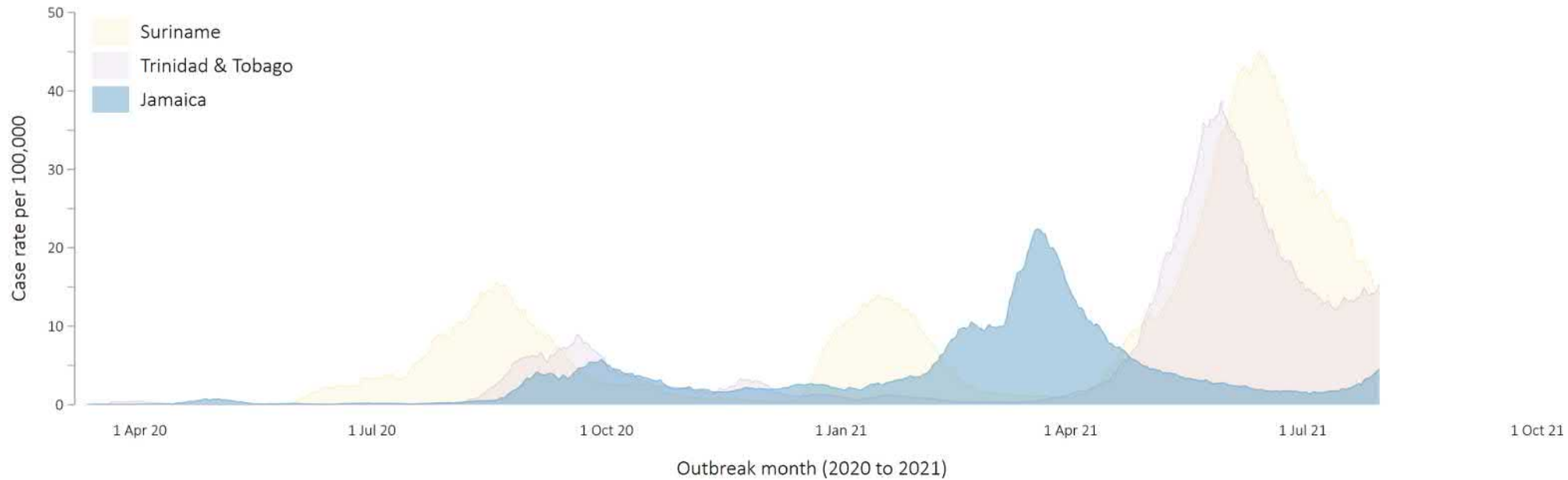
- Trinidad has seen 2 important waves
- Latest wave coincided with arrival of Gamma variant



COVID-19 outbreaks - the first 15-months

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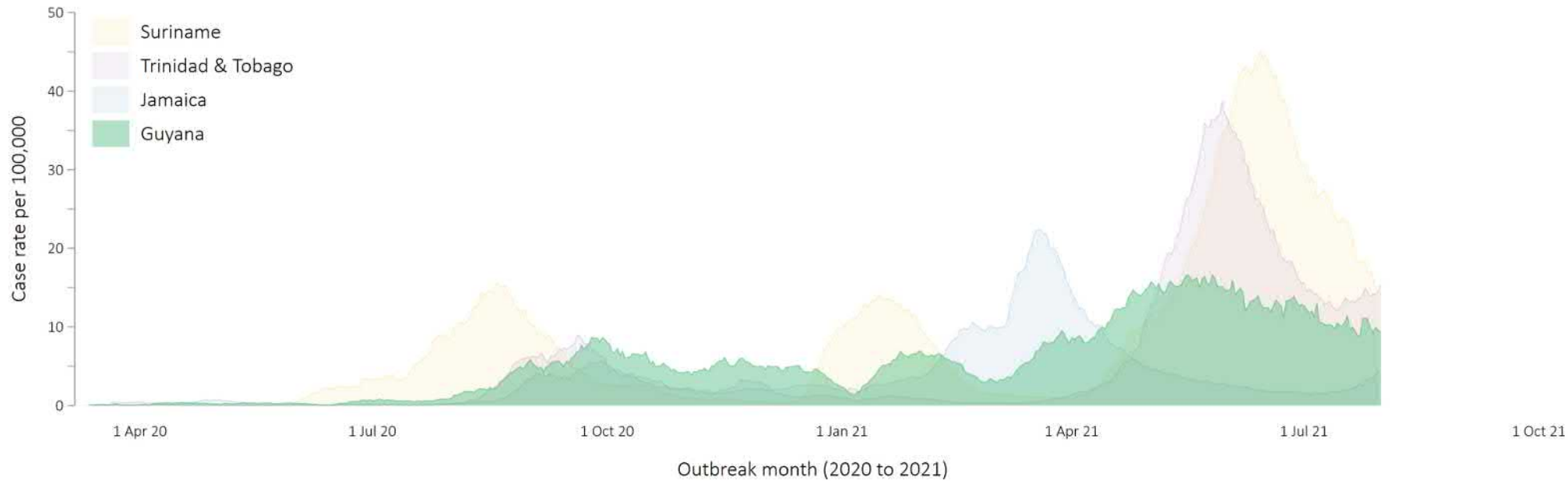
- Jamaica has dominated the Caribbean with high numbers of cases
- But using rates their outbreaks have been less dramatic



COVID-19 outbreaks - the first 15-months

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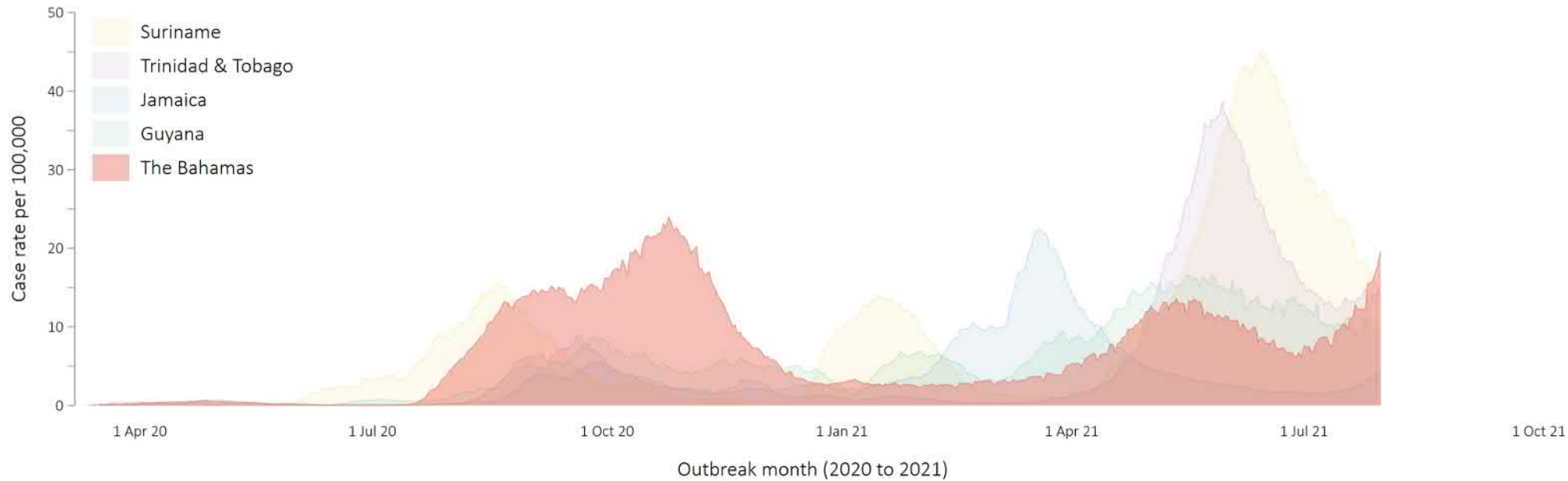
- Guyana has reported an unusual profile
- No major wave peaks, but also no periods without community transmission



COVID-19 outbreaks - the first 15-months

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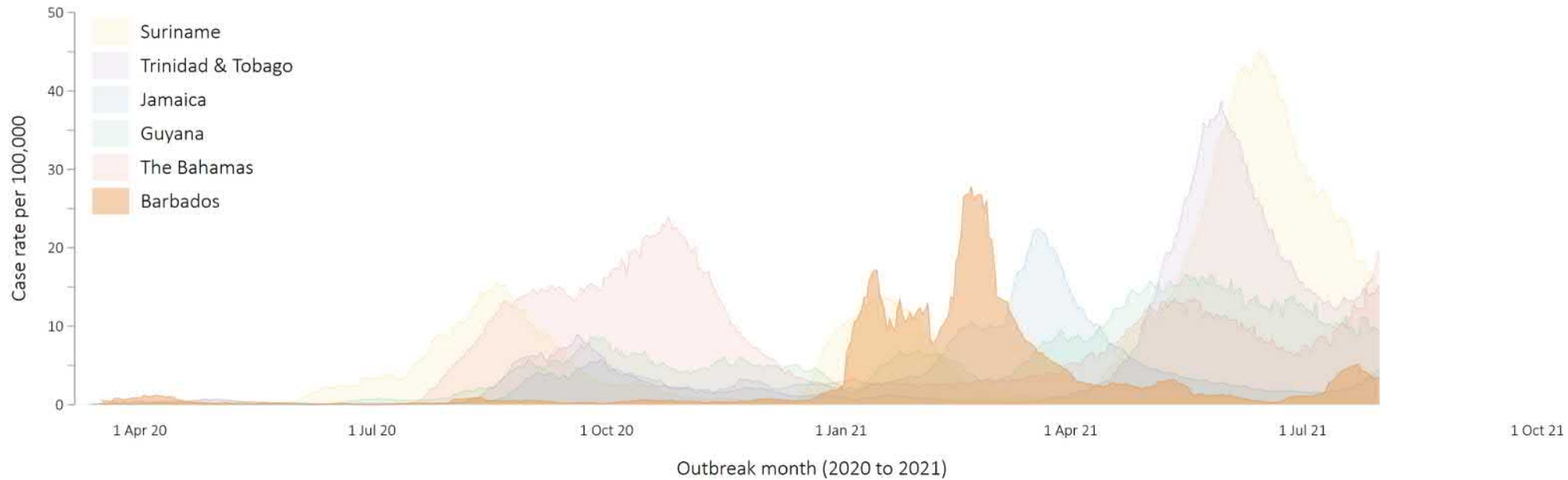
- The Bahamas recorded a large / extended outbreak in 2020
- And has struggled with containment thereafter



COVID-19 outbreaks - the first 15-months

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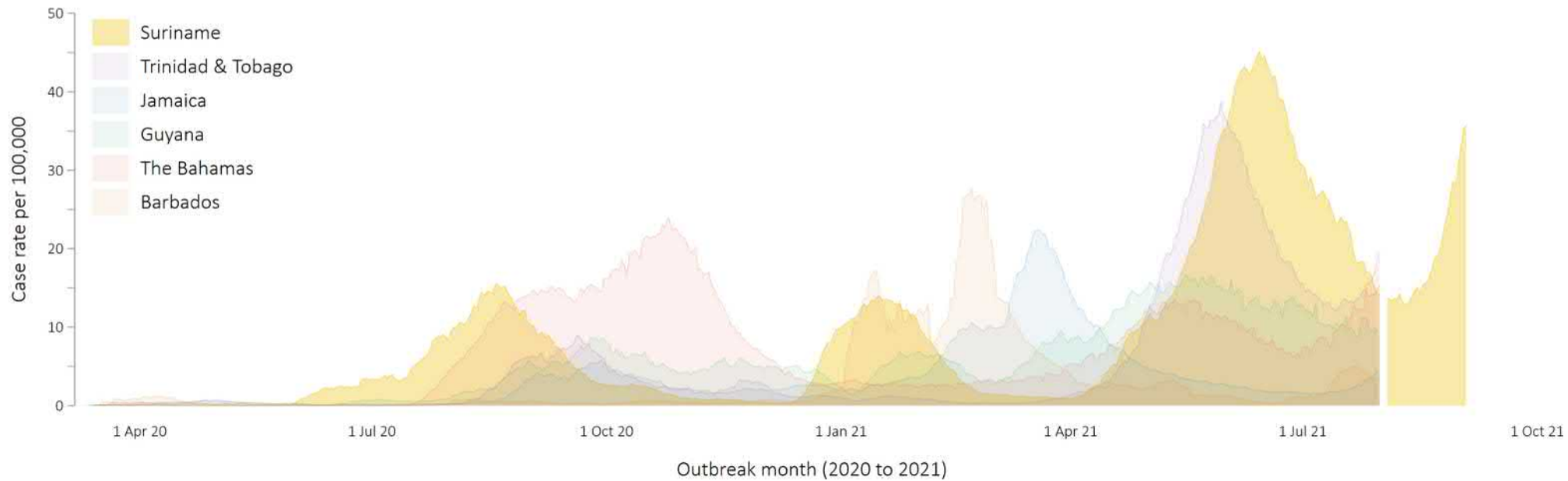
- Barbados generally avoided community transmission in 2020
- Then one high-profile outbreak began in January 2021



COVID-19 outbreaks - the first 15-months

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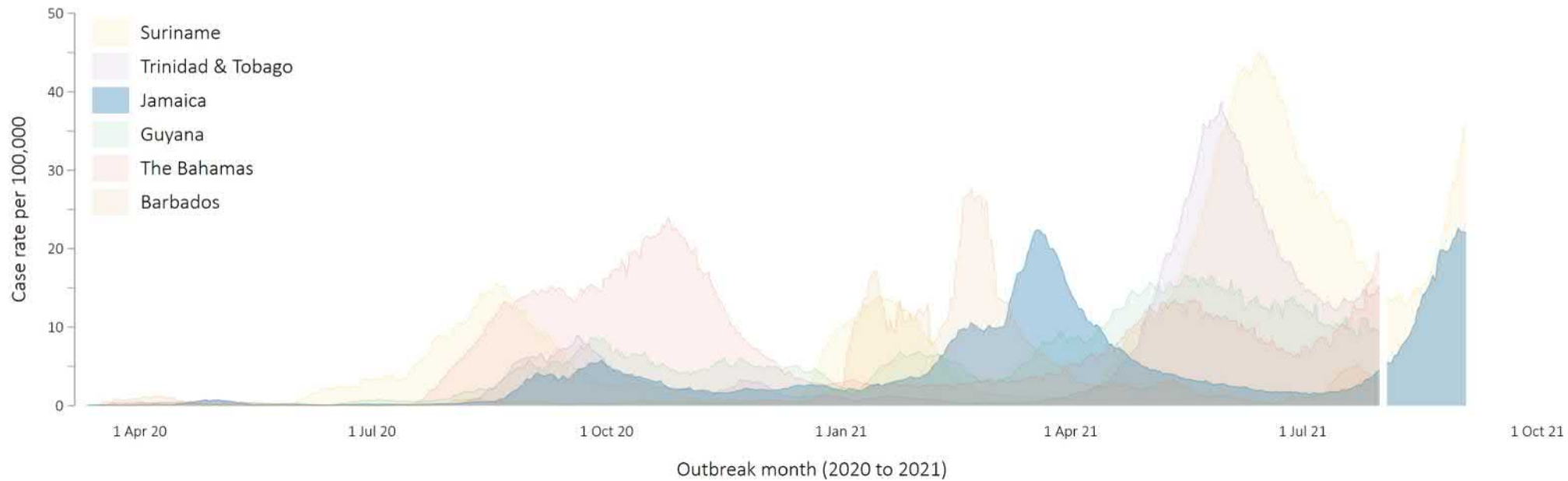
- Suriname - outbreak #4



COVID-19 outbreaks - the first 15-months

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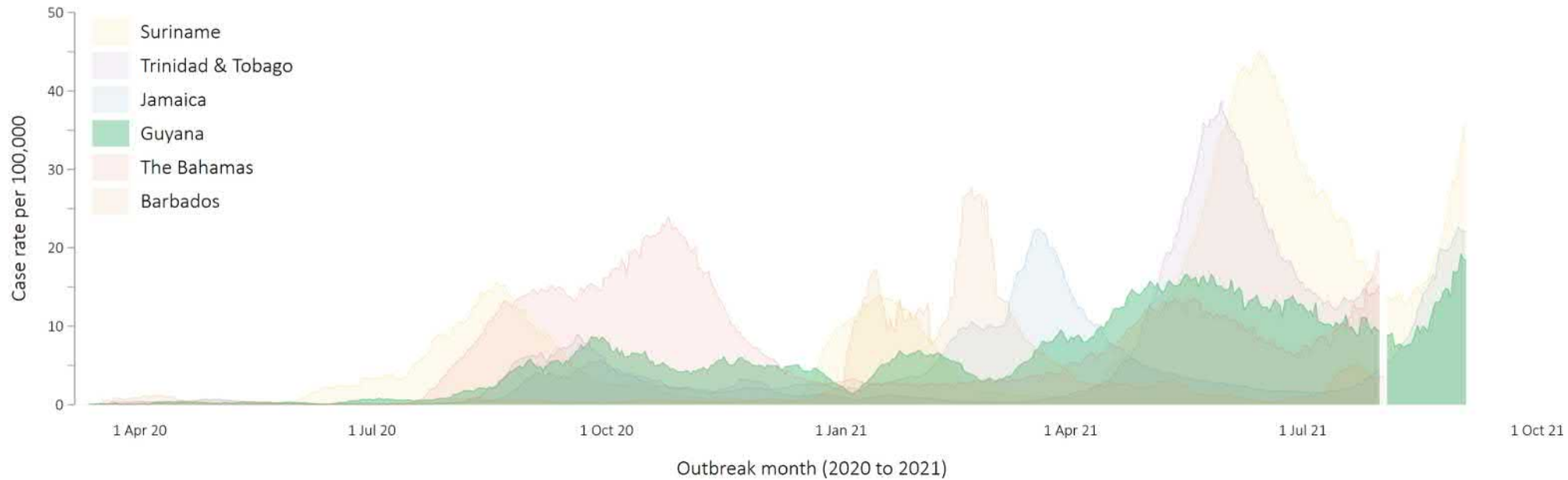
- Suriname - outbreak #4
- Jamaica - outbreak #3



COVID-19 outbreaks - the first 15-months

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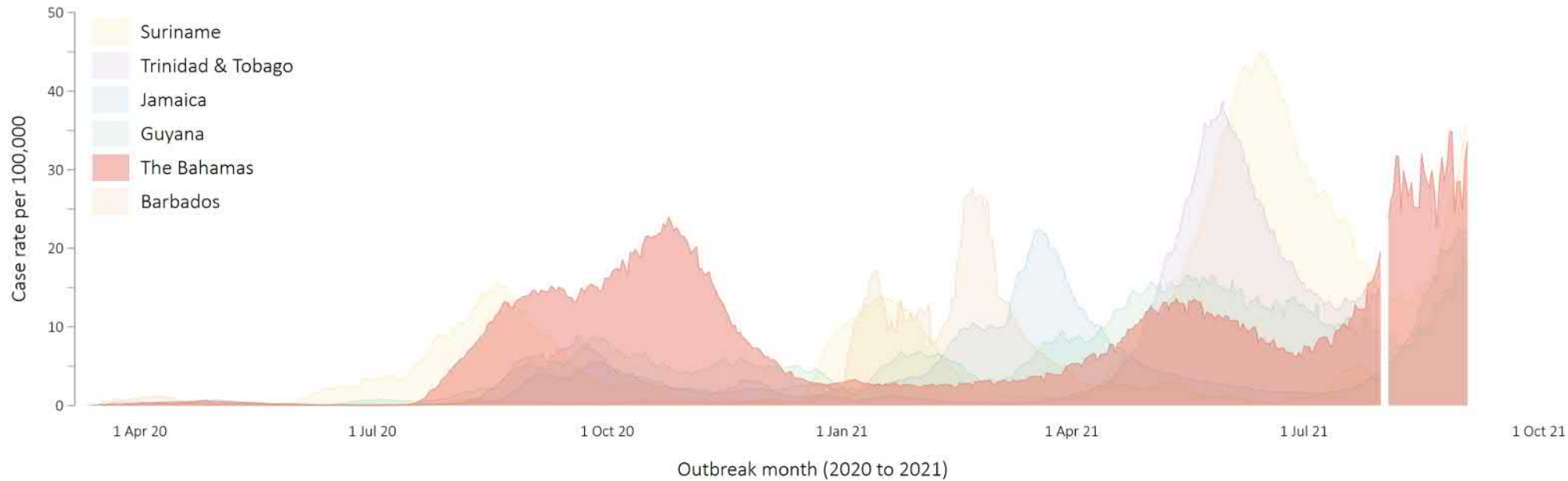
- Suriname - outbreak #4
- Jamaica - outbreak #3
- Guyana - Now at their peak



COVID-19 outbreaks - the first 15-months

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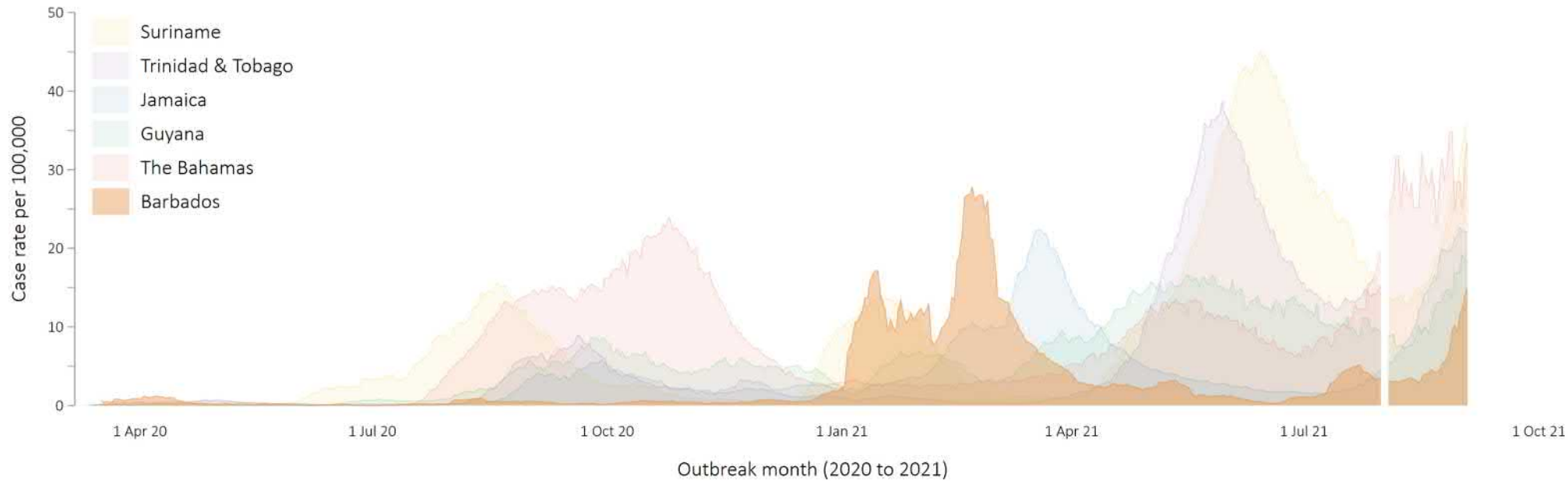
- Suriname - outbreak #4
- Jamaica - outbreak #3
- Guyana - Now at their peak
- The Bahamas - Now at their peak



COVID-19 outbreaks - the first 15-months

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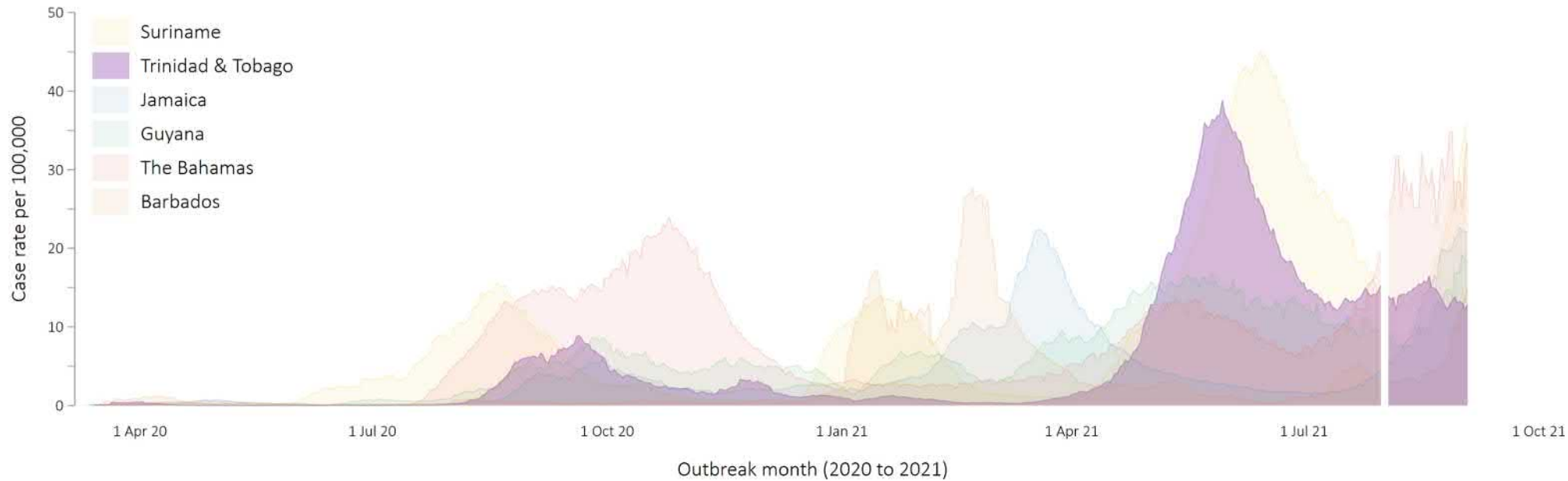
- Suriname - outbreak #4
- Jamaica - outbreak #3
- Guyana - Now at their peak
- The Bahamas - Now at their peak
- Barbados - 2nd outbreak starting



COVID-19 outbreaks - the first 15-months

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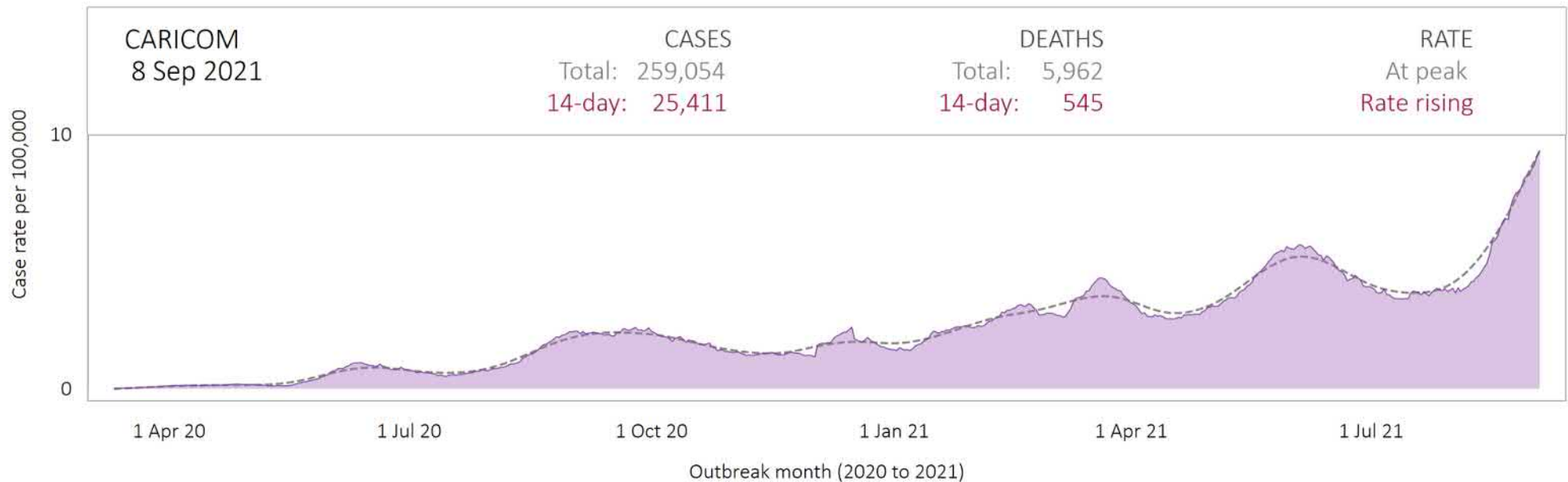
- Suriname - outbreak #4
- Jamaica - outbreak #3
- Guyana - Now at their peak
- The Bahamas - Now at their peak
- Barbados - 2nd outbreak starting
- Trinidad - no new wave yet



COVID-19 outbreaks - the first 15-months

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SLIDE 3



- Outbreaks are now coinciding across CARICOM
- CARICOM overall rates are peaking
- And they continue to rise
- 10% of all cases / 9% of all deaths, in past 2 weeks



Estimate of Daily Cases after vaccination

(Updated on: 8 Sep 2021)

SLIDE 4

Current Outbreaks

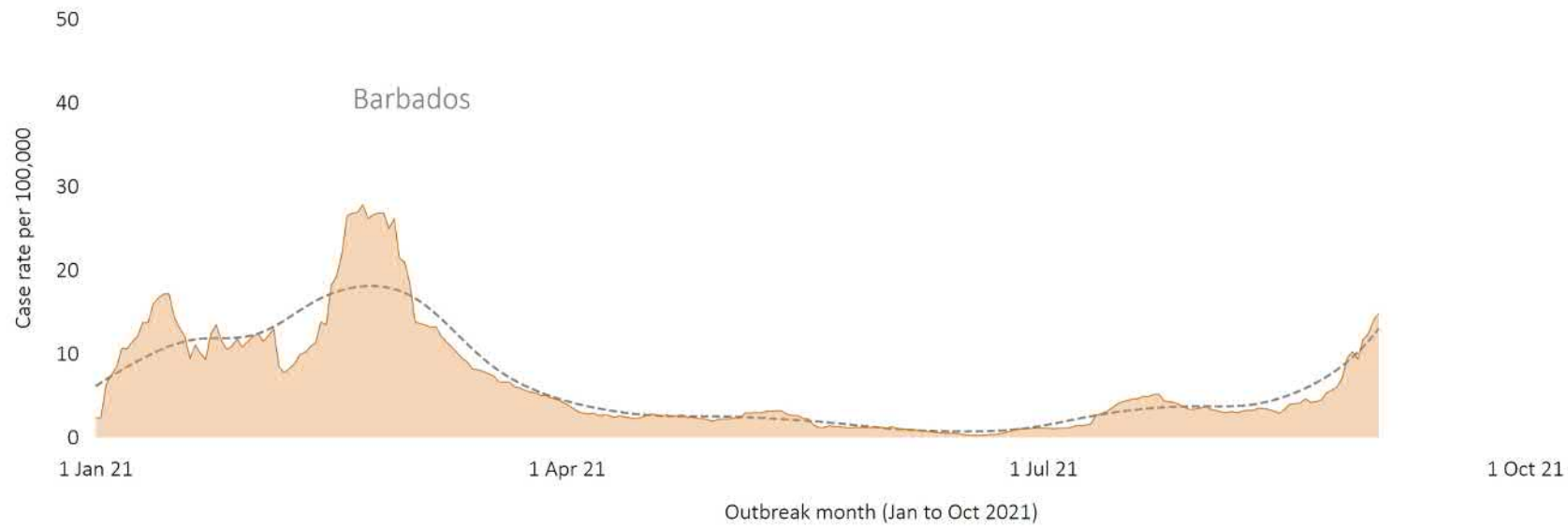
Country	% of peak	Trend
Antigua & Barbuda	80% of peak	Rate rising
Bahamas	96% of peak	Rate rising
Barbados	53% of peak	Rate rising
Belize	37% of peak	Rate rising
Dominica	92% of peak	Rate falling
Grenada	97% of peak	Rate rising
Guyana	96% of peak	Rate rising
Haiti	12% of peak	Rate falling
Jamaica	97% of peak	Rate rising
St Lucia	At peak	Rate rising
St Kitts & Nevis	89% of peak	Rate rising
St Vincent & Grenadines	7% of peak	Rate rising
Suriname	79% of peak	Rate rising
Trinidad & Tobago	33% of peak	Rate falling



COVID-19 outbreaks - Barbados

(Updated on: 8 Sep 2021)

SLIDE 5

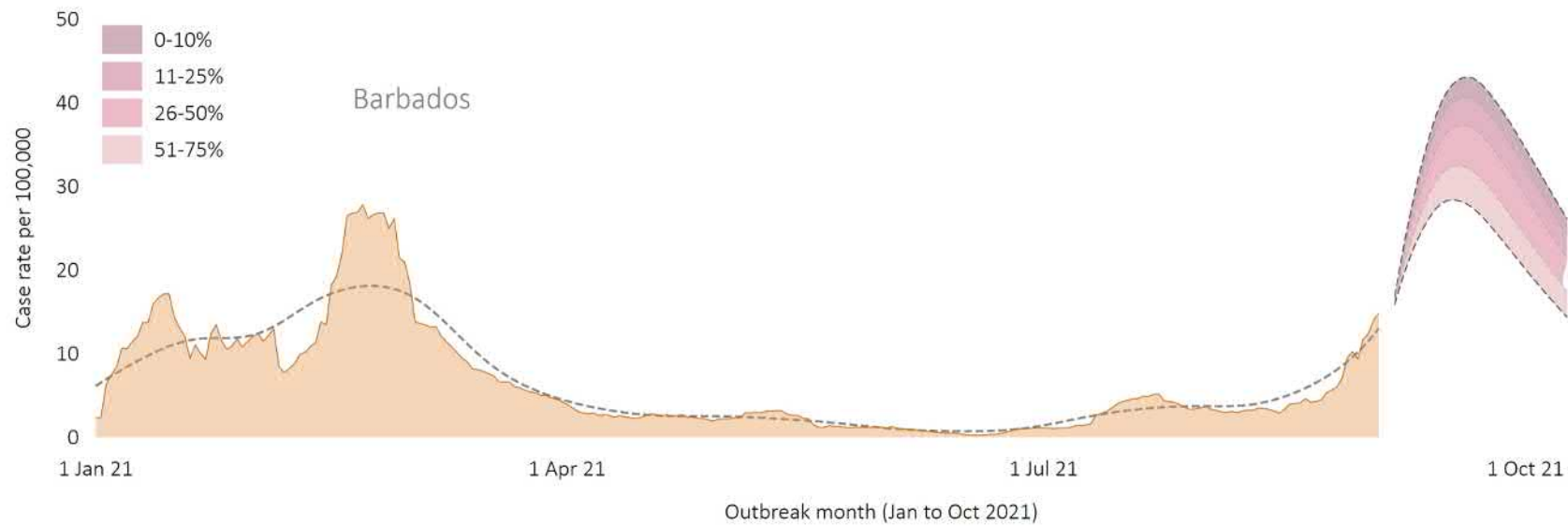
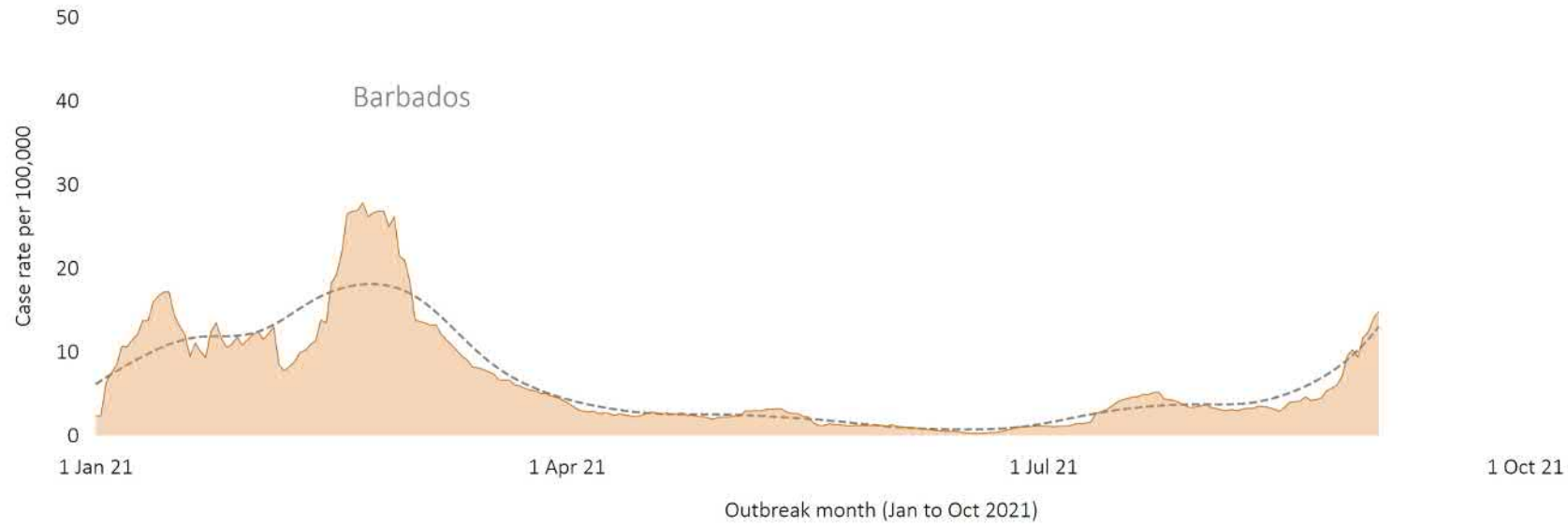




COVID-19 outbreaks - Barbados

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SLIDE 5





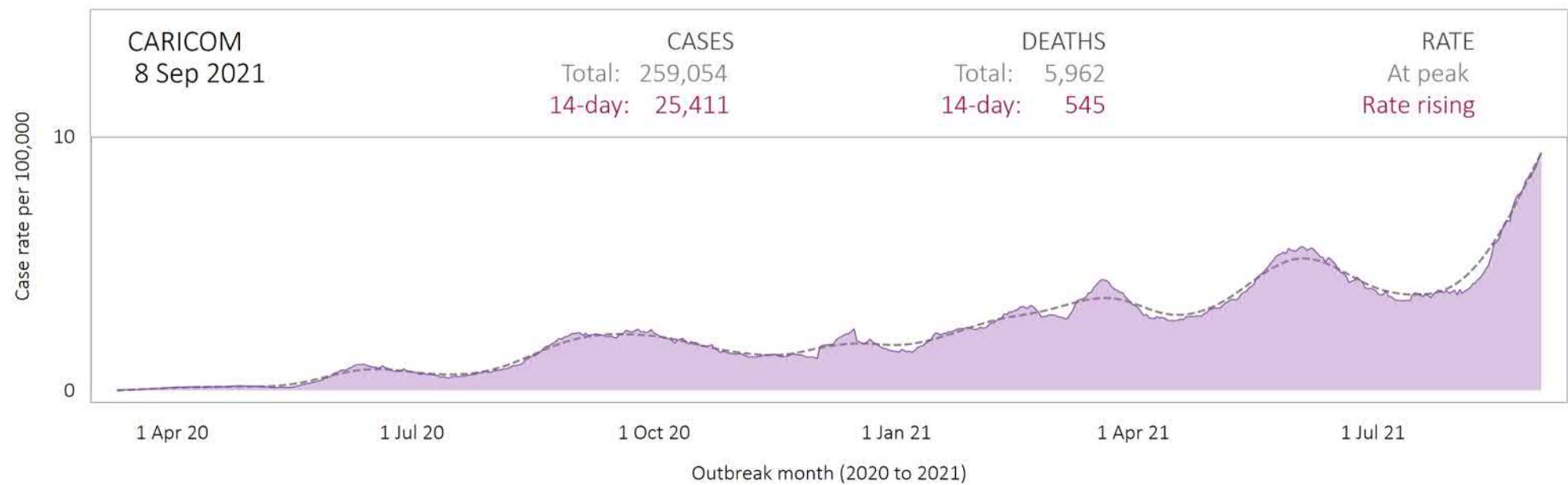
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Updated on: 8 Sep 2021 at 17:51:03

CARICOM Country Surveillance

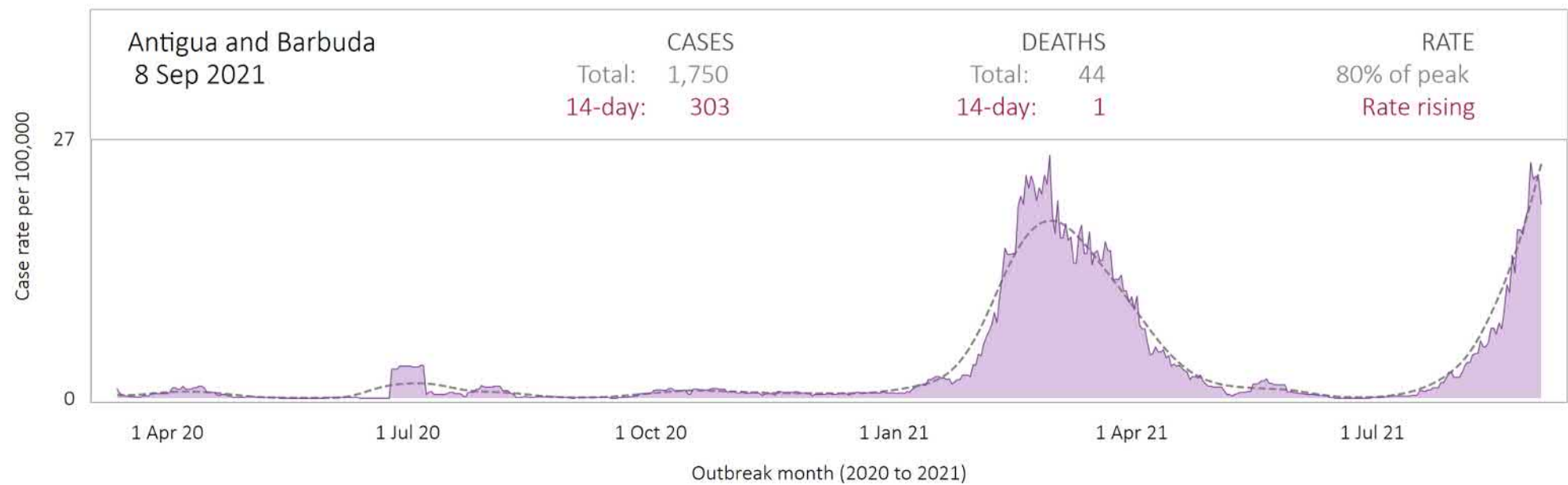
Figure. COVID-19 case rate in the Caribbean Community, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population (x 100,000). Solid line is 14-day smoothed average. Dotted line is lowess smooth, used to define rising or falling case rate.

Data Source: The Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU) (<https://github.com/CSSEGISandData/COVID-19>). This cases & deaths dataset is updated daily. The number of cases or deaths reported by JHU on a given day does not necessarily represent the actual number on that date. This is because of the reporting chain that exists between a new case/death and its inclusion in statistics.

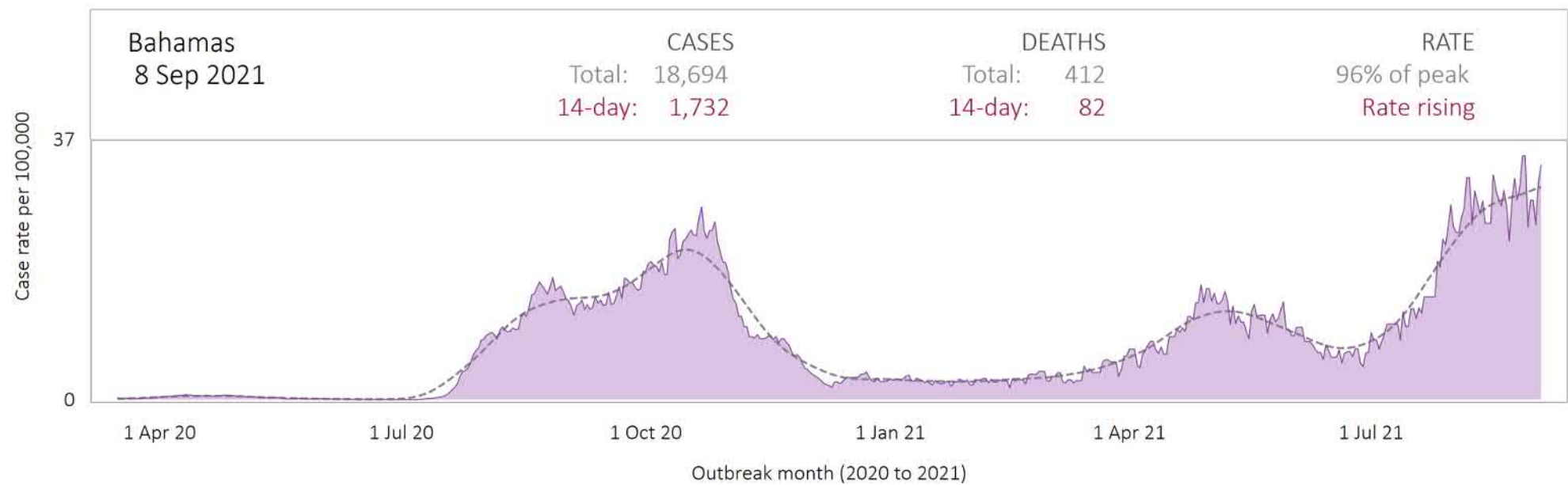
Figure. COVID-19 case rate in Antigua & Barbuda, since April 2020



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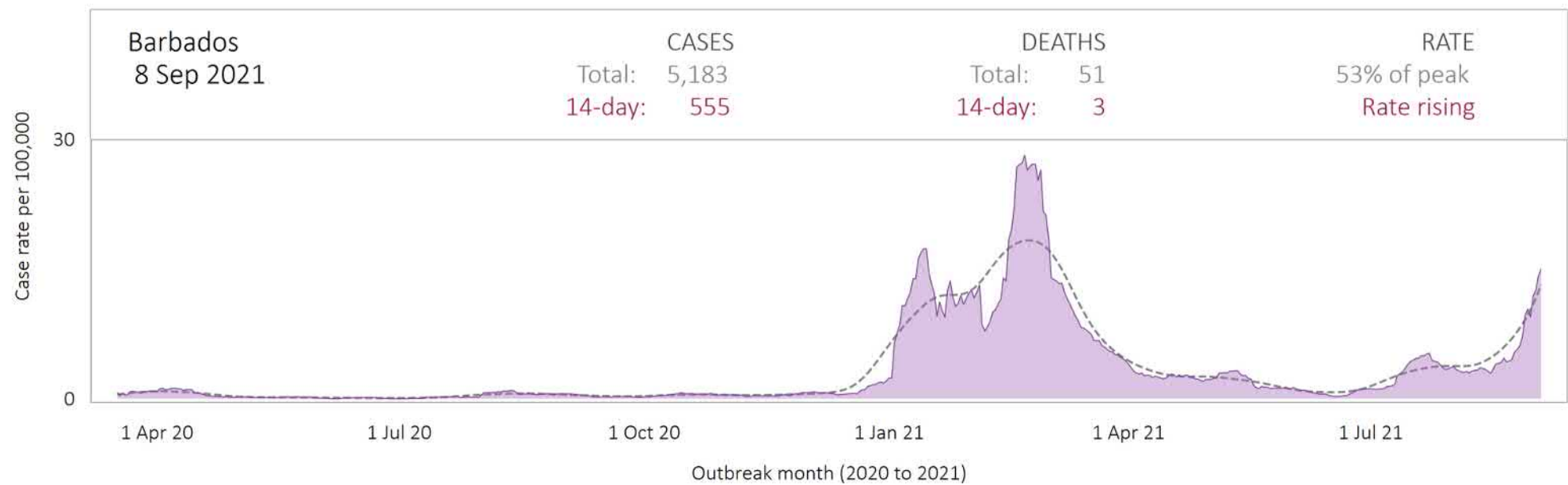
Figure. COVID-19 case rate in The Bahamas, since April 2020



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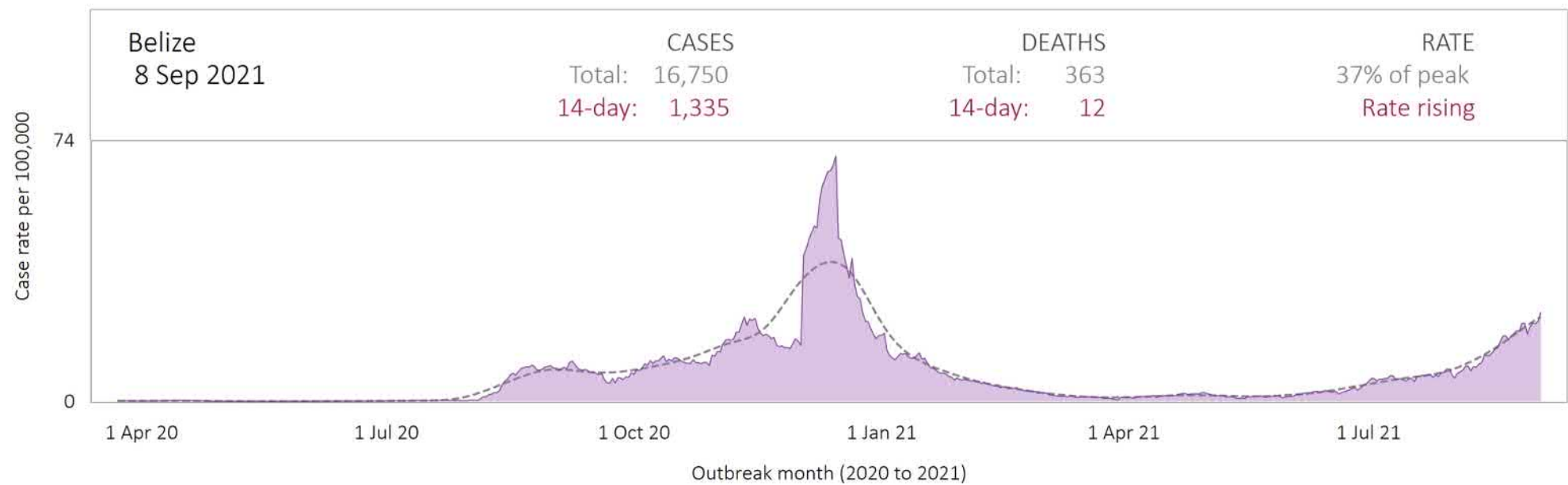
Figure. COVID-19 case rate in Barbados, since April 2020



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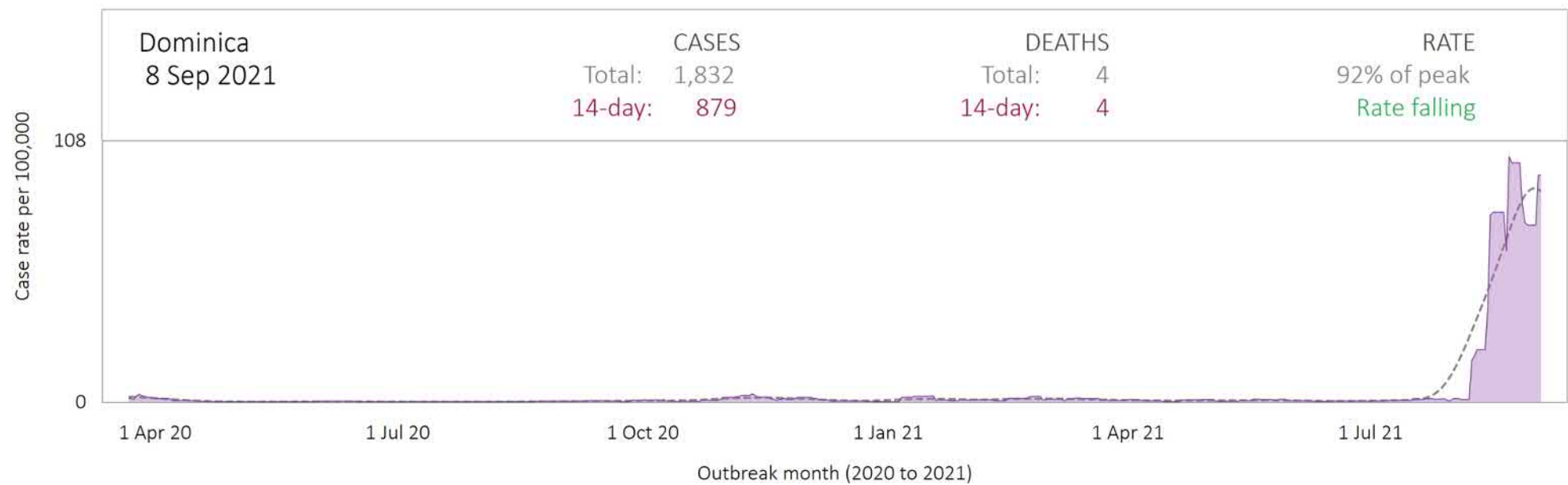
Figure. COVID-19 case rate in Belize, since April 2020



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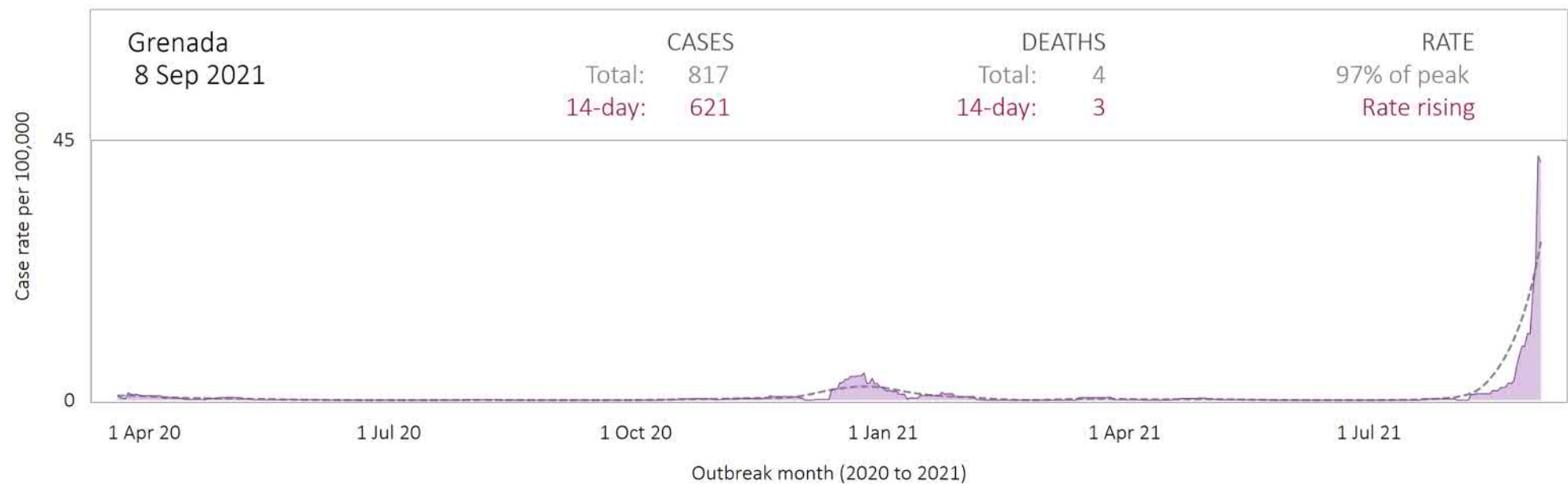
Figure. COVID-19 case rate in Dominica, since April 2020



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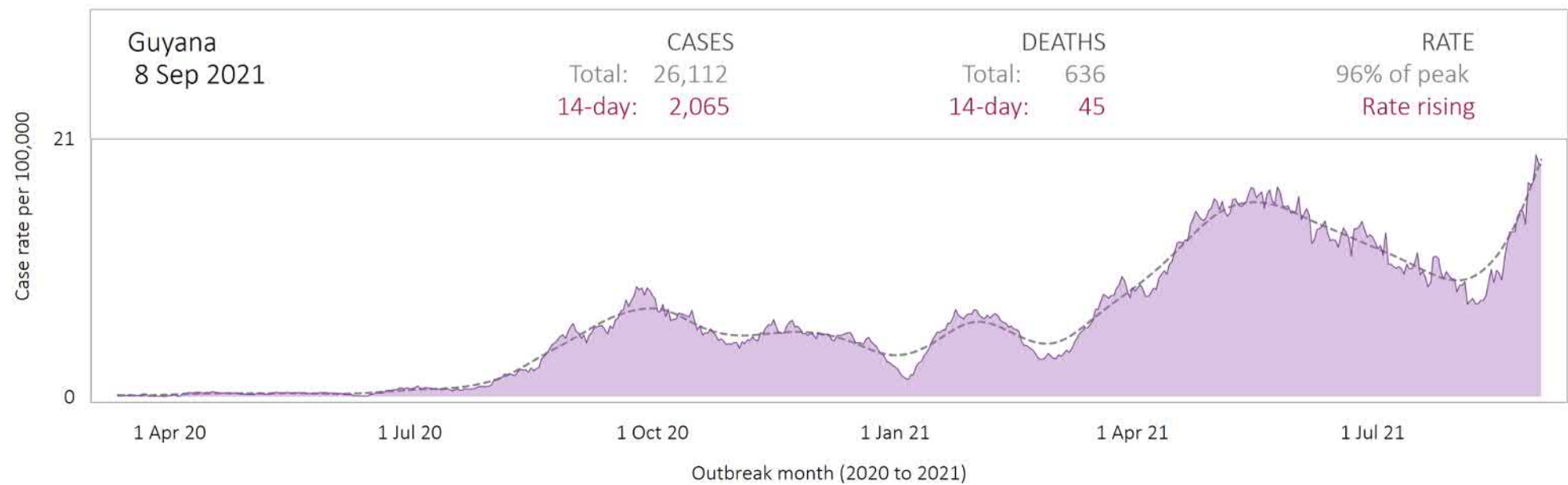
Figure. COVID-19 case rate in Grenada, since April 2020



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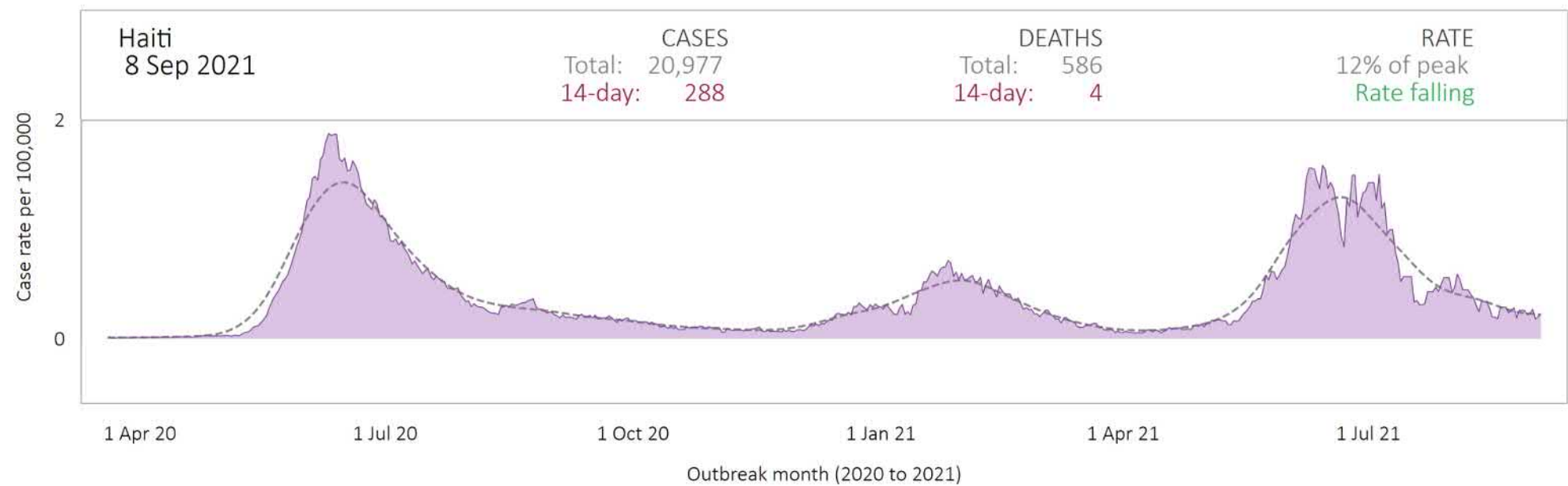
Figure. COVID-19 case rate in Guyana, since April 2020



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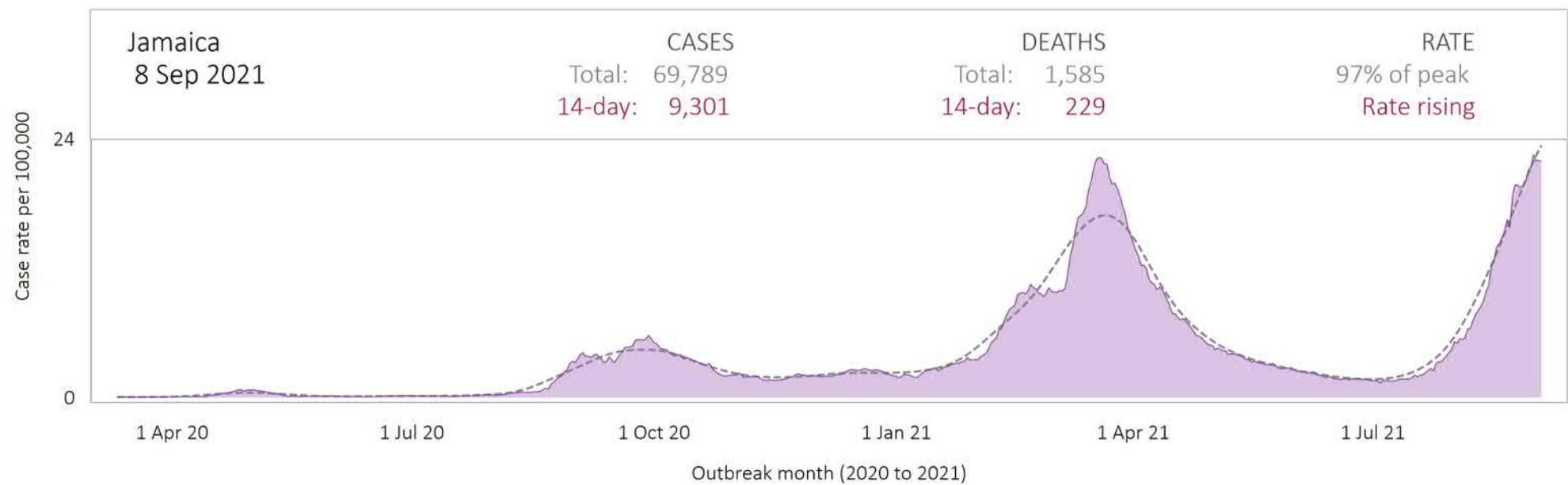
Figure. COVID-19 case rate in Haiti, since April 2020



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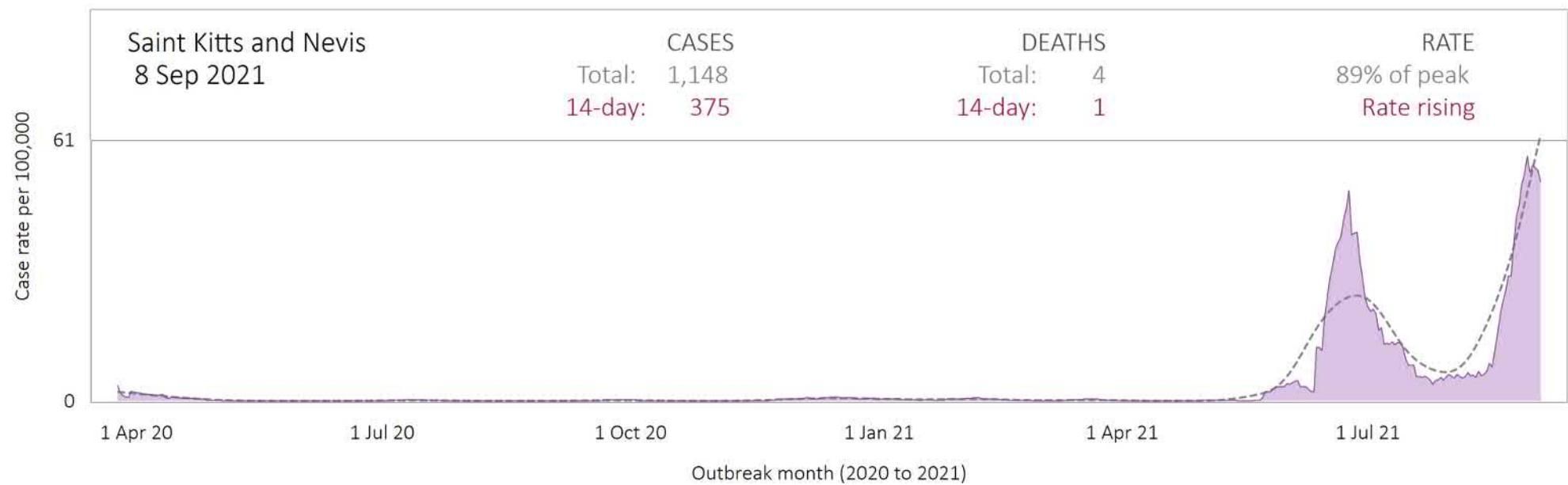
Figure. COVID-19 case rate in Jamaica, since April 2020



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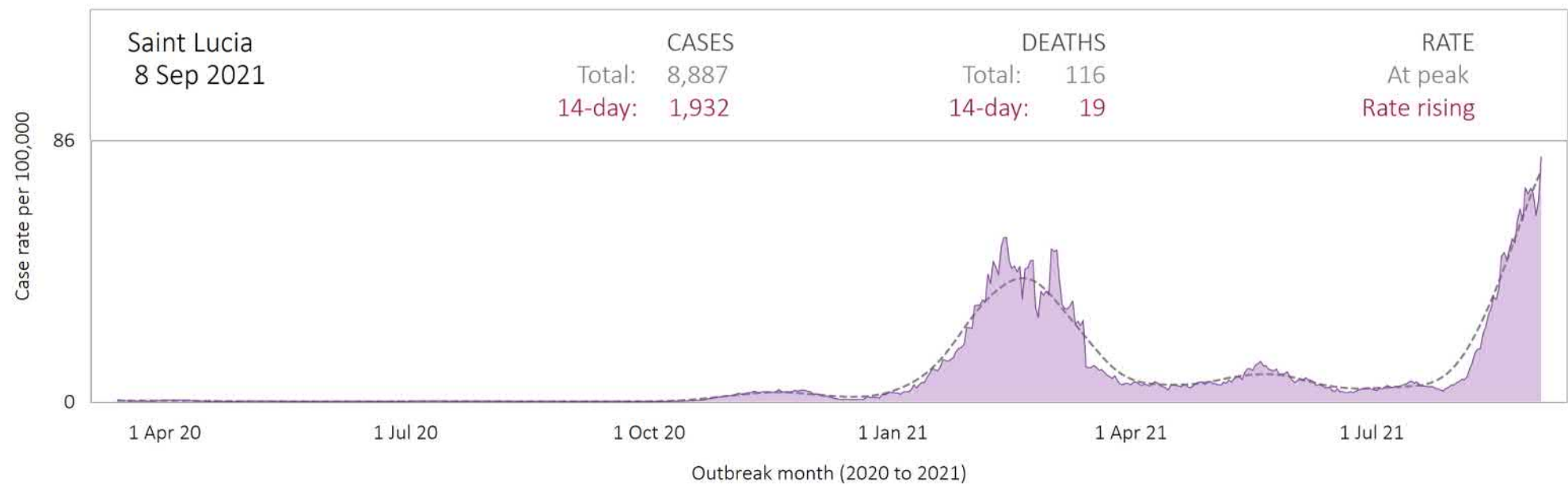
Figure. COVID-19 case rate in St. Kitts & Nevis, since April 2020



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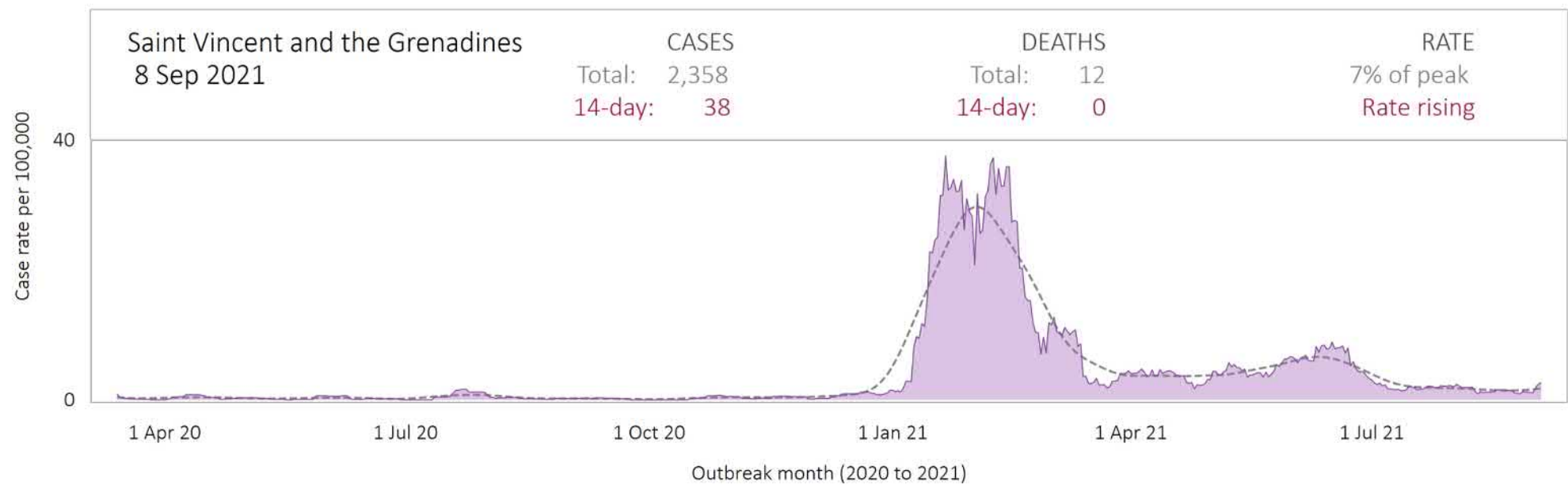
Figure. COVID-19 case rate in St. Lucia, since April 2020



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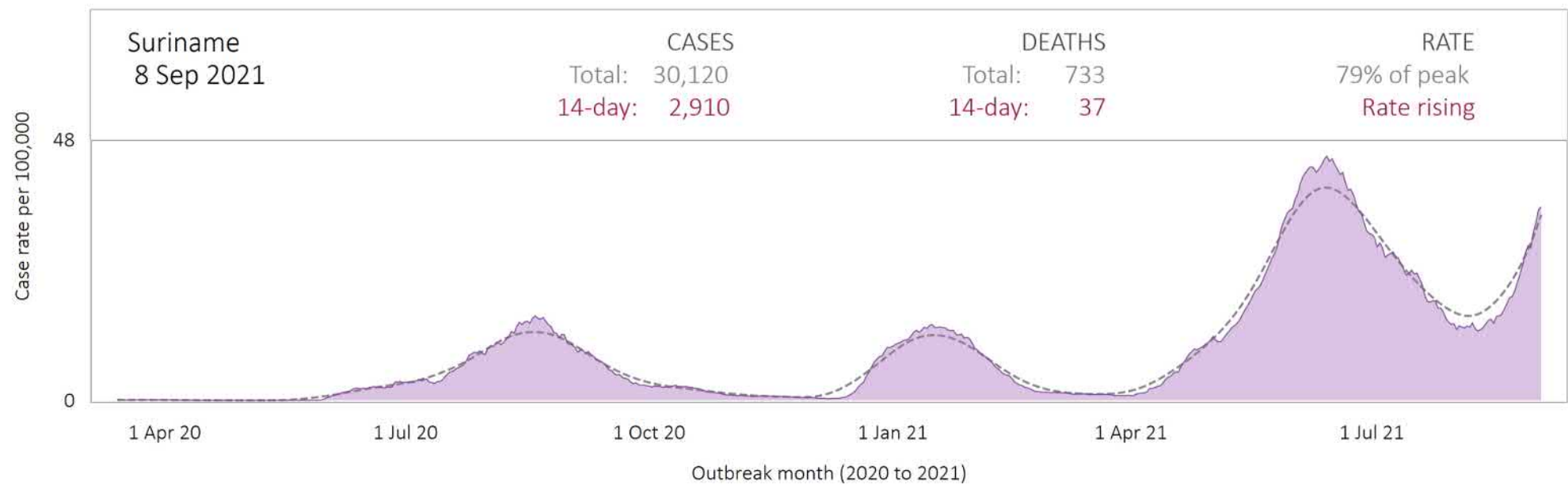
Figure. COVID-19 case rate in St. Vincent & the Grenadines, since April 2020



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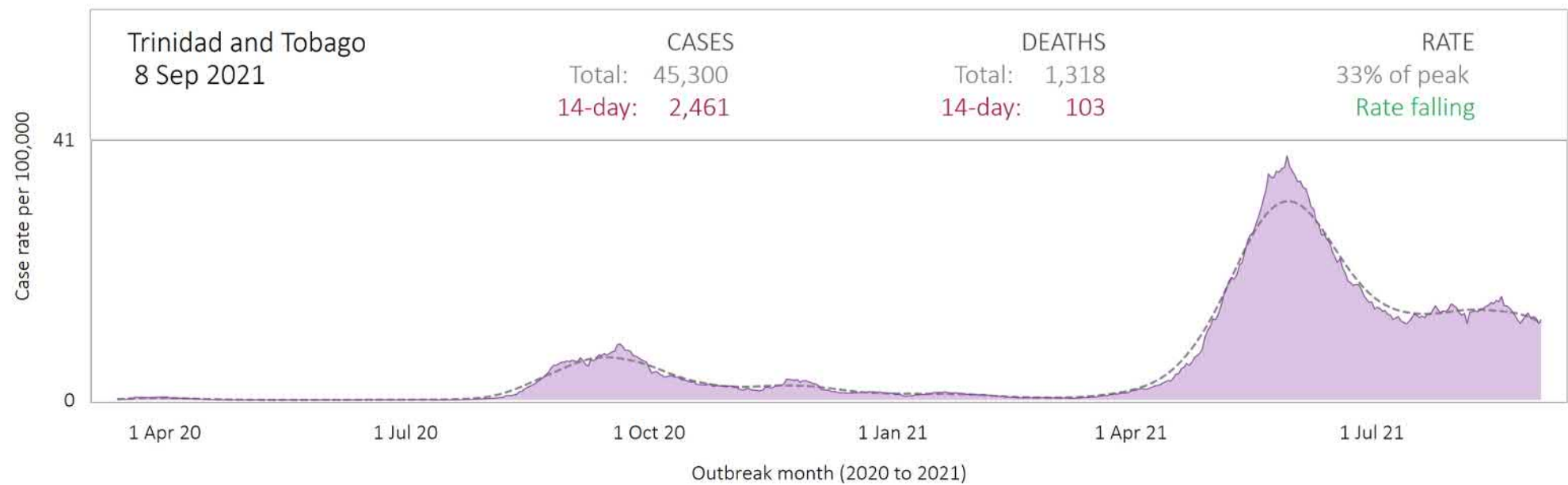
Figure. COVID-19 case rate in Suriname, since April 2020



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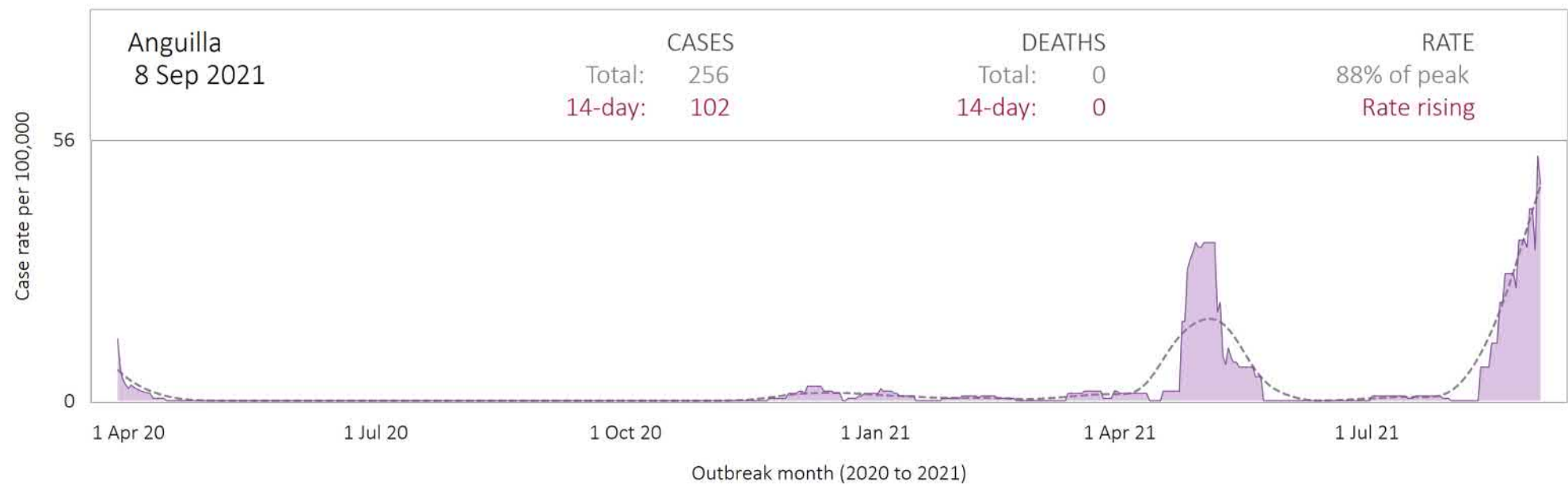
Figure. COVID-19 case rate in Trinidad & Tobago, since April 2020



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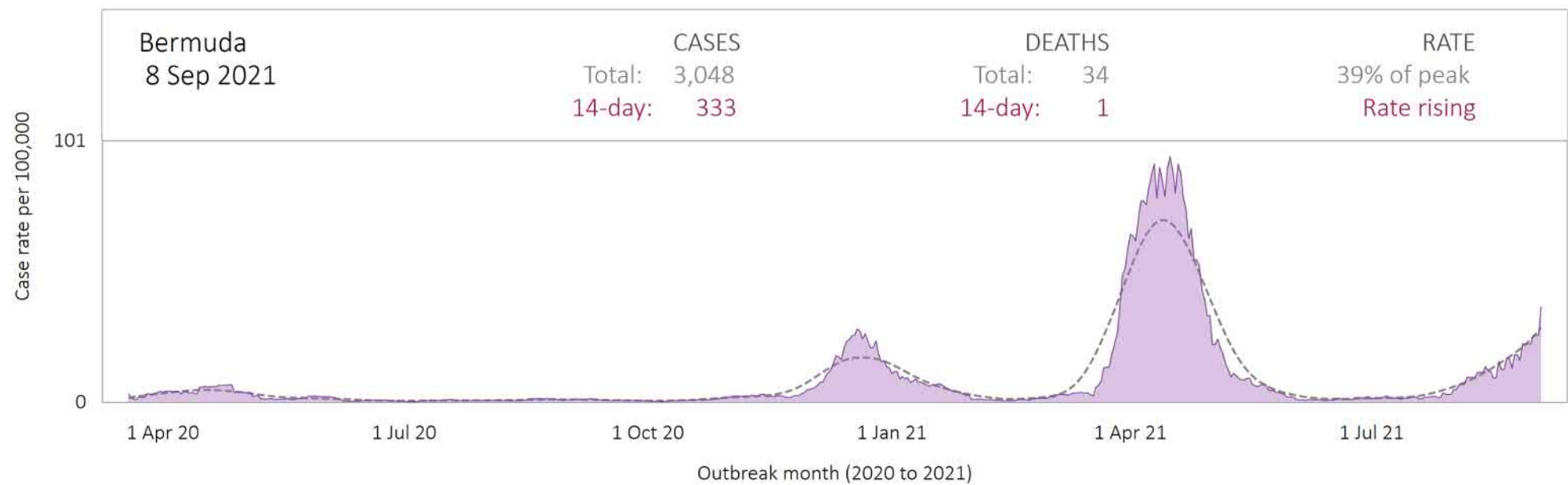
Figure. COVID-19 case rate in Anguilla, since April 2020



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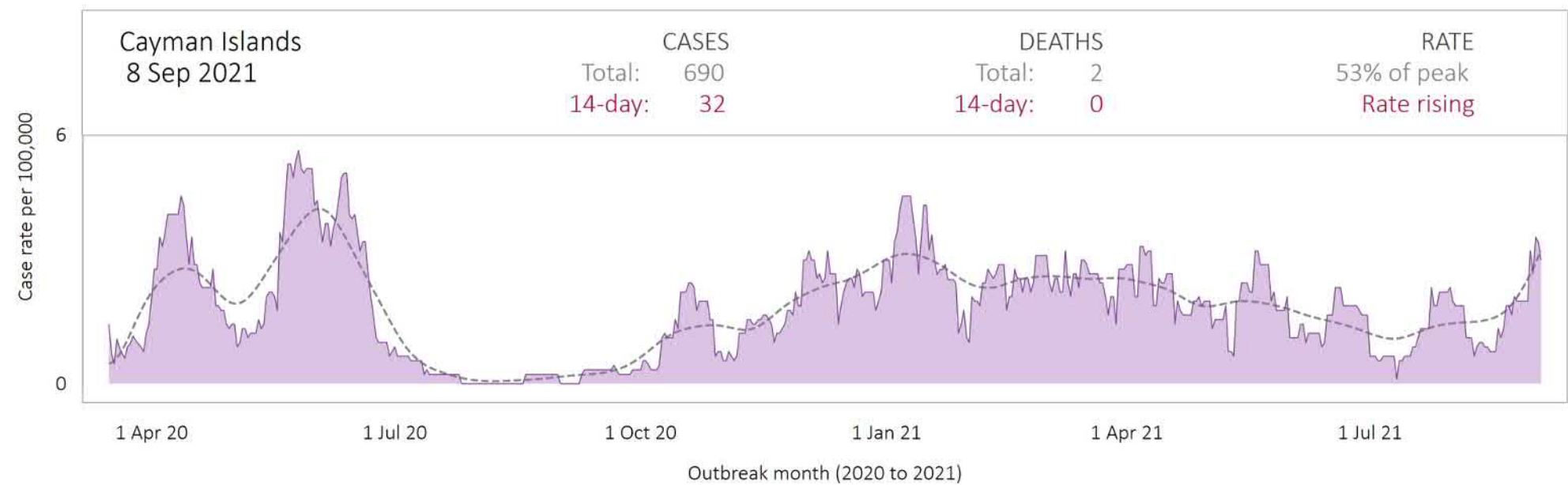
Figure. COVID-19 case rate in Bermuda, since April 2020



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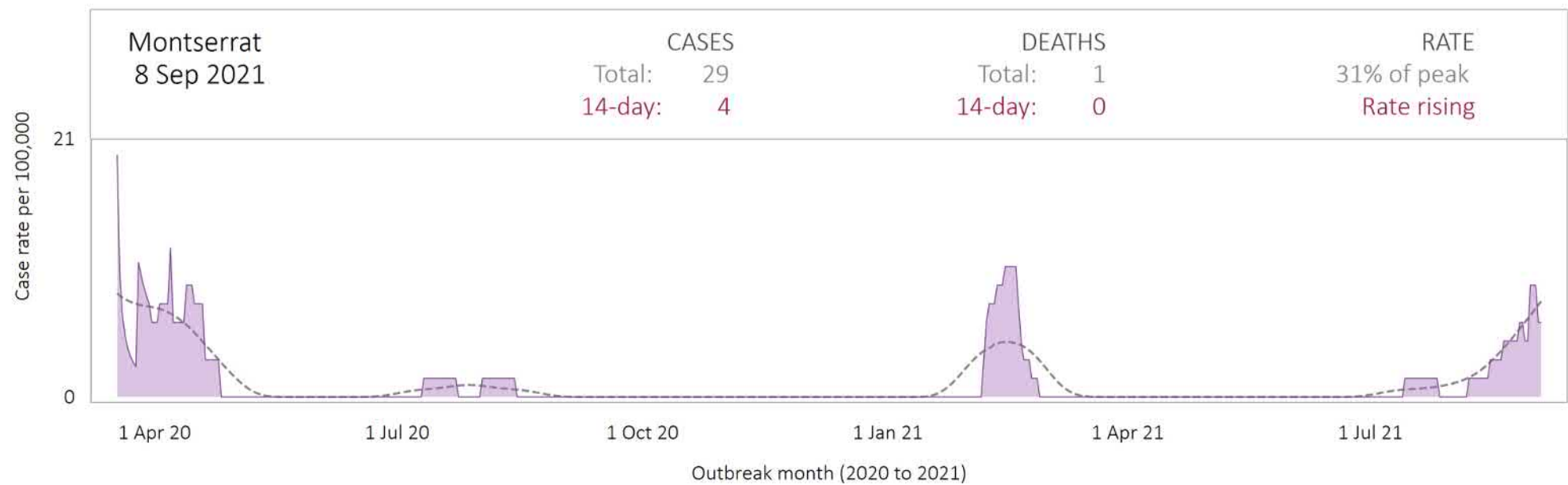
Figure. COVID-19 case rate in The Cayman Islands, since April 2020



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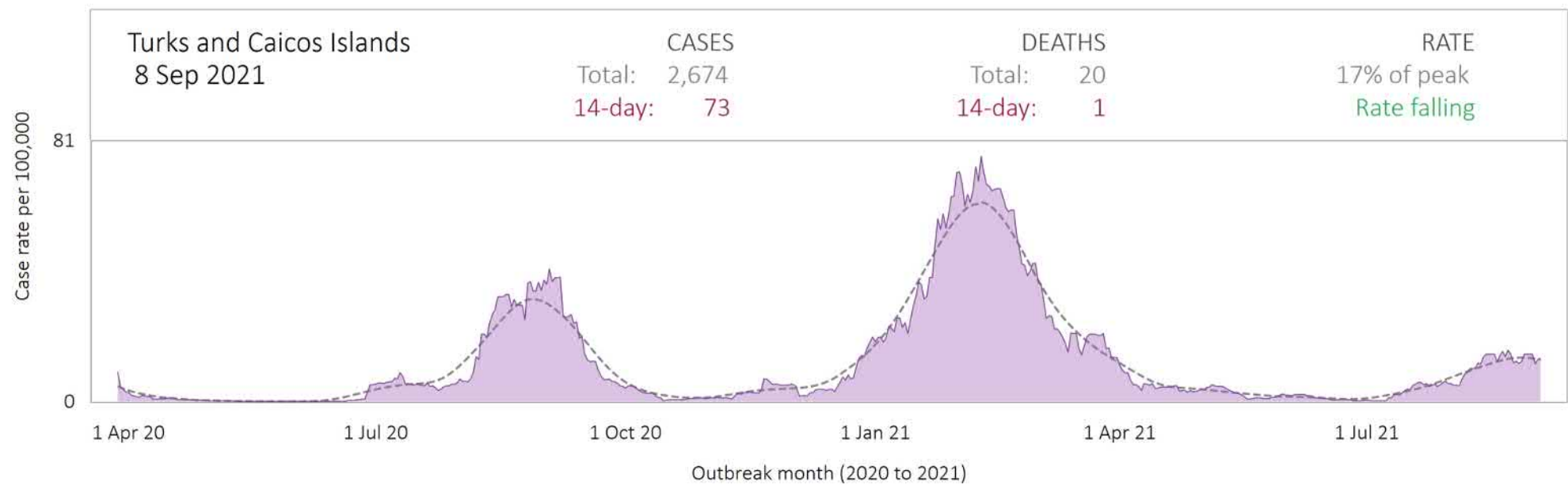
Figure. COVID-19 case rate in Montserrat, since April 2020



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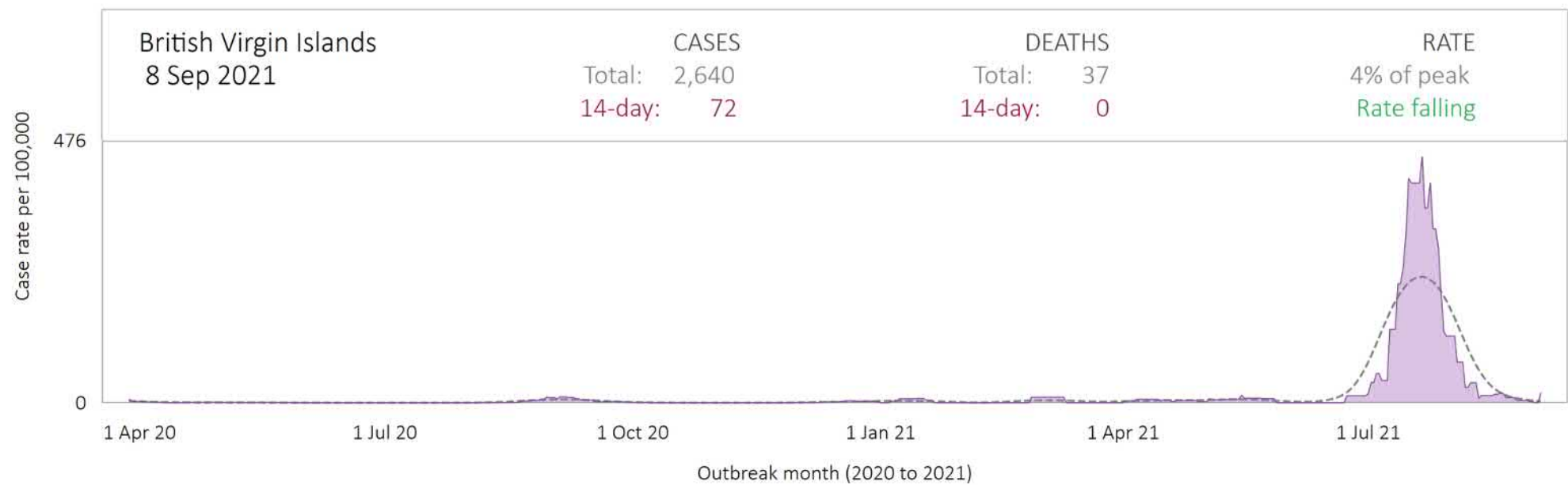
Figure. COVID-19 case rate in Turks and Caicos Islands, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population (x 100,000). Solid line is 14-day smoothed average. Dotted line is lowess smooth, used to define rising or falling case rate.

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Figure. COVID-19 case rate in The British Virgin Islands, since April 2020



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