



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 <https://bit.ly/uwi-covid19>

Updated on: 17 Jan 2023 at 17:42:06

COVID-19 in the Caribbean

Situation Analysis



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 <https://bit.ly/uwi-covid19>
Updated on: 17 Jan 2023 at 17:42:06

COVID-19 in the Caribbean

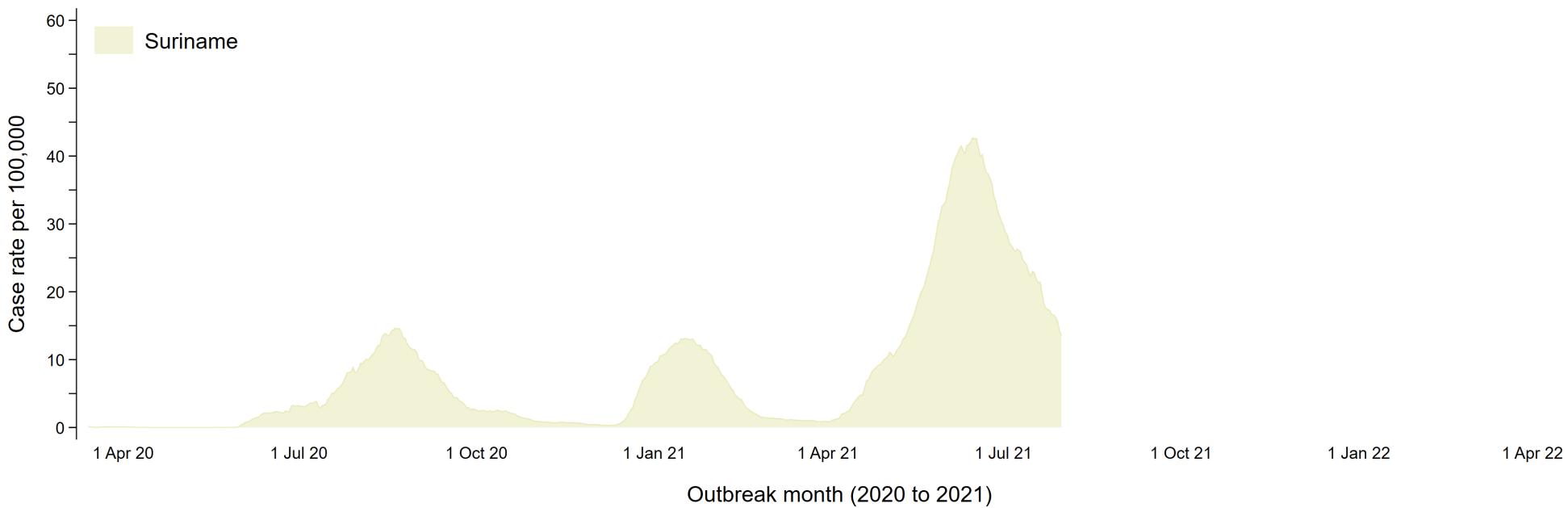
Part 1: The Story So Far

- We'll take a quick look at the outbreak history in the Caribbean.
 - We'll then focus on the past few months.



COVID-19 outbreaks - the first 15-months

(Updated on: 17 Jan 2023)

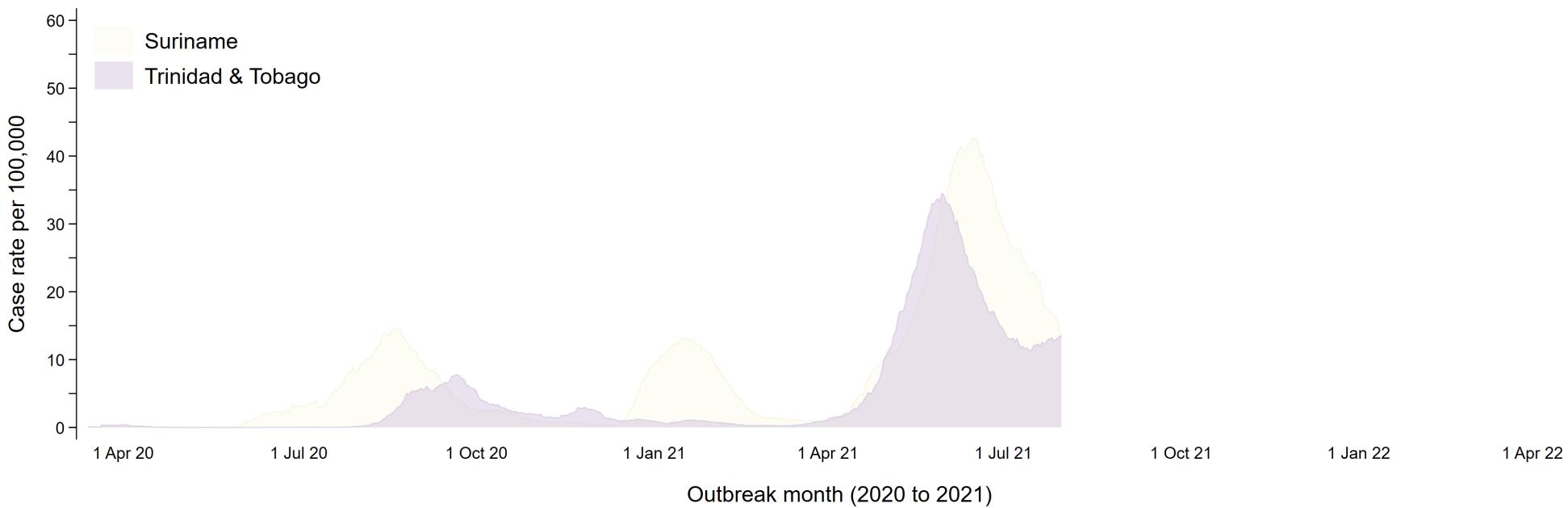


- First major outbreak in Suriname
- Suriname with 3 waves in first 15 months
- Third wave coincided with arrival of Gamma variant



COVID-19 outbreaks - the first 15-months

(Updated on: 17 Jan 2023)

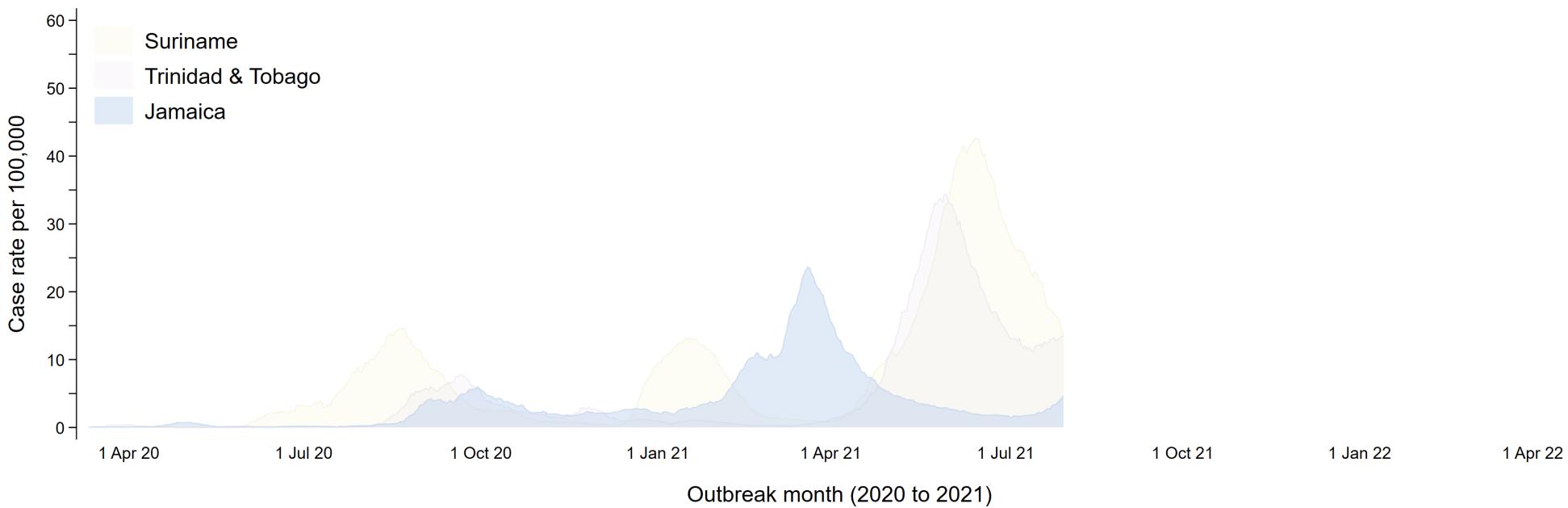


- Trinidad has seen 2 important waves
- Latest wave coincided with arrival of Gamma variant



COVID-19 outbreaks - the first 15-months

(Updated on: 17 Jan 2023)

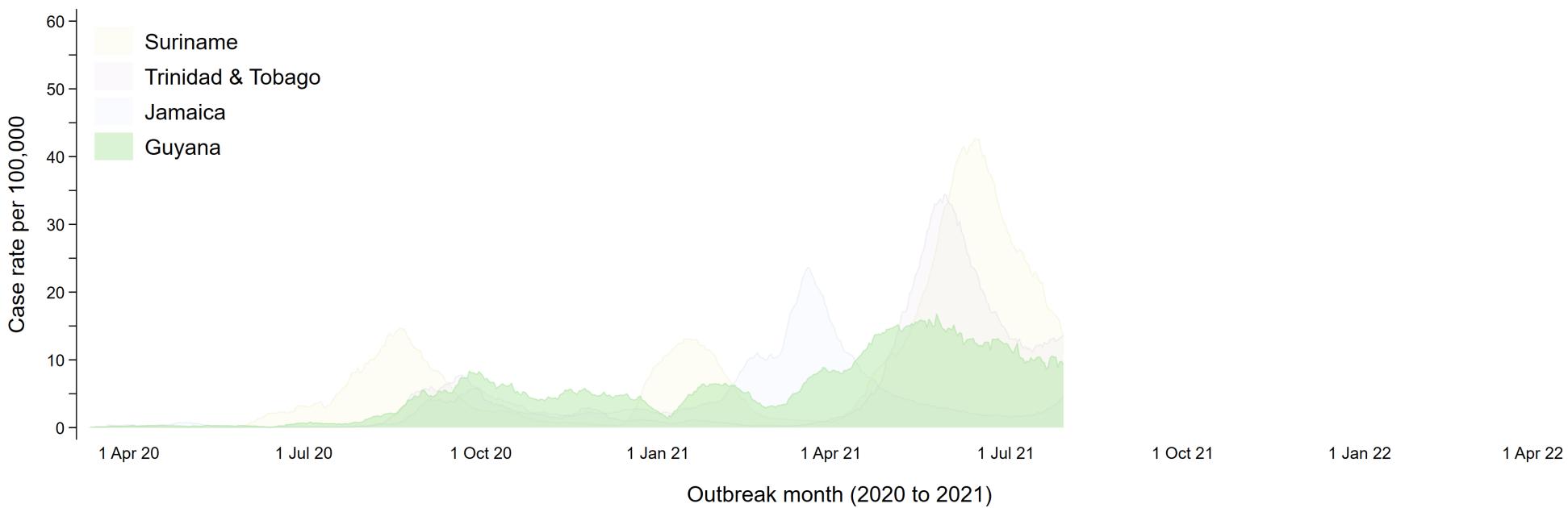


- Jamaica has dominated the Caribbean with high numbers of cases
- But using rates their outbreaks have been less dramatic



COVID-19 outbreaks - the first 15-months

(Updated on: 17 Jan 2023)

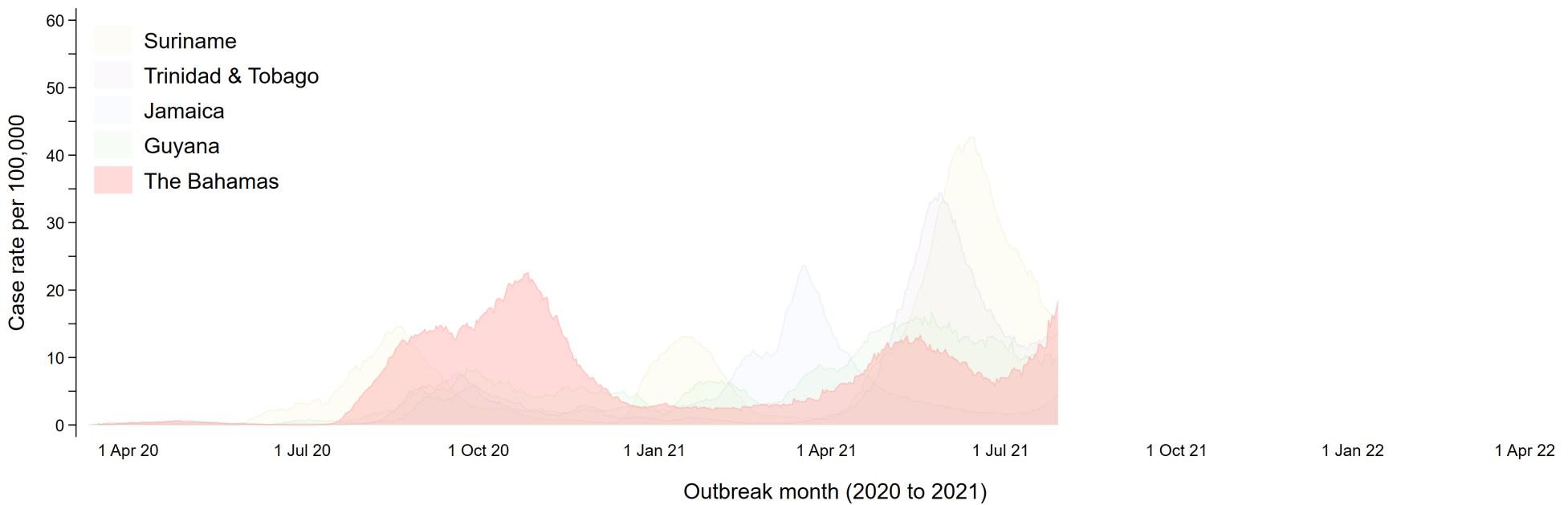


- Guyana has reported an unusual profile
- No major wave peaks, but also no periods without community transmission



COVID-19 outbreaks - the first 15-months

(Updated on: 17 Jan 2023)

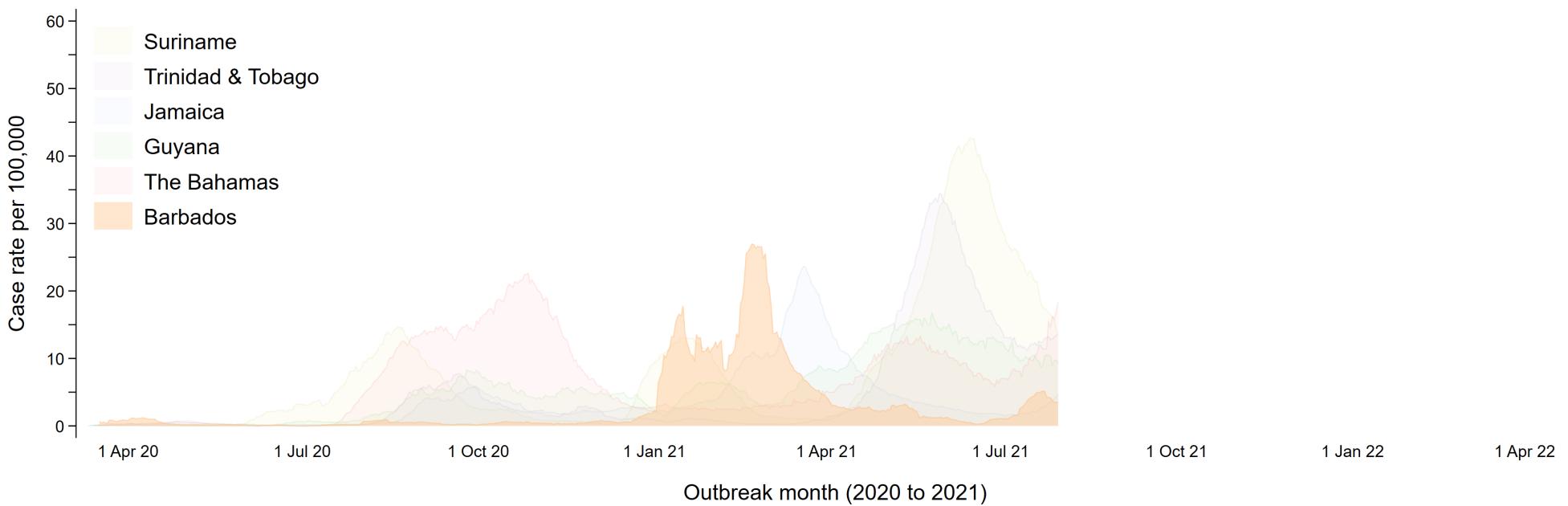


- The Bahamas recorded a large / extended outbreak in 2020
- And has struggled with containment thereafter



COVID-19 outbreaks - the first 15-months

(Updated on: 17 Jan 2023)

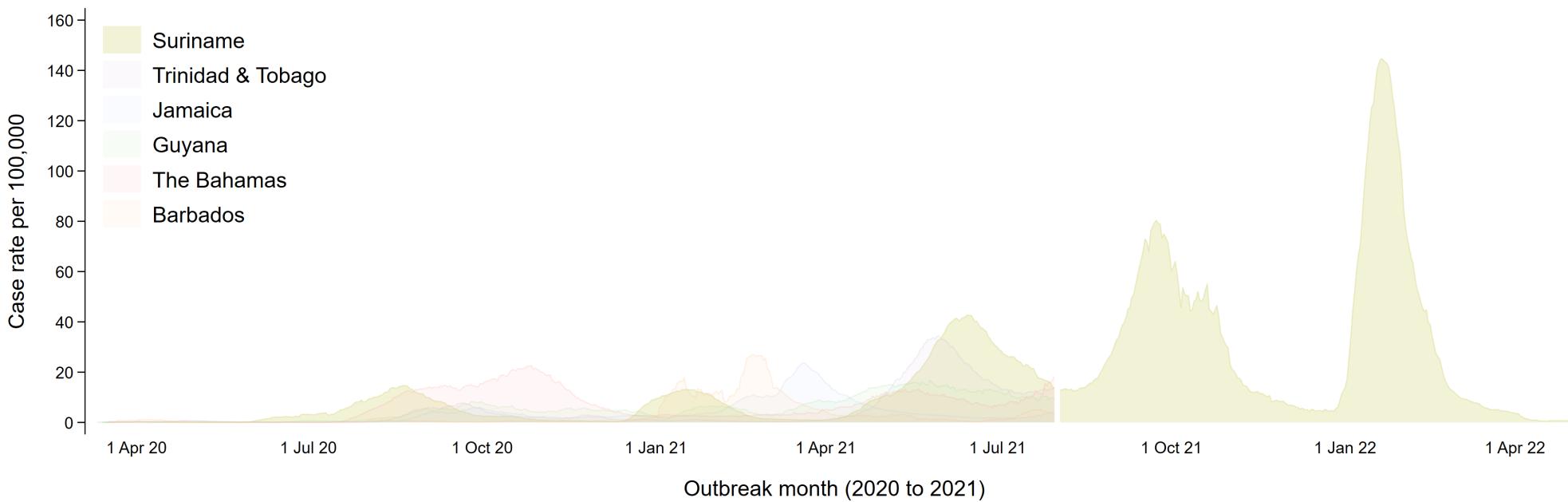


- Barbados generally avoided community transmission in 2020
- Then one high-profile outbreak began in January 2021



COVID-19 outbreaks - adding Aug to Dec 2021

(Updated on: 17 Jan 2023)

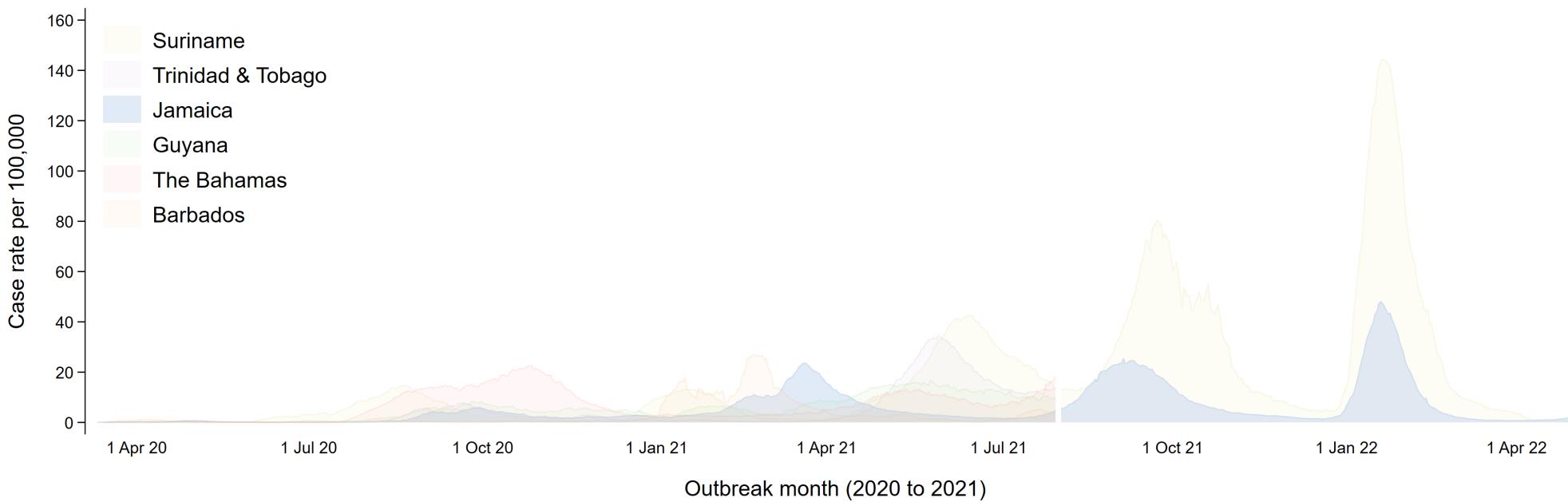


- Suriname - outbreak #5, Omicron



COVID-19 outbreaks - adding Aug to Dec 2021

(Updated on: 17 Jan 2023)

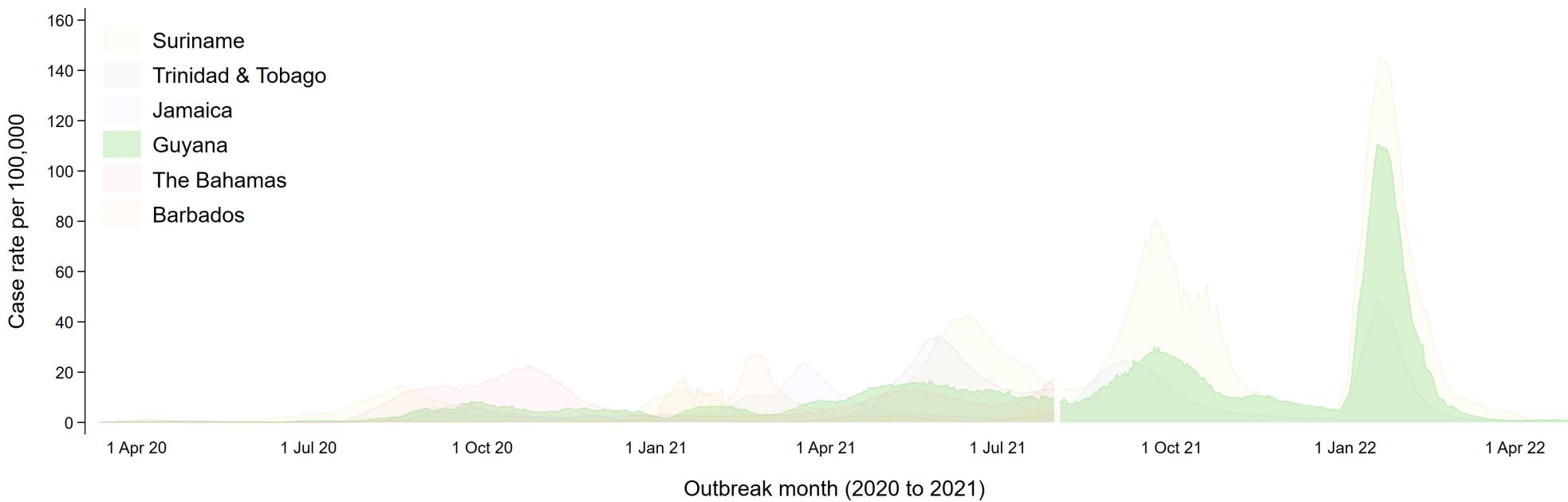


- Suriname - outbreak #5, Omicron
- Jamaica - outbreak #4, Omicron



COVID-19 outbreaks - adding Aug to Dec 2021

(Updated on: 17 Jan 2023)

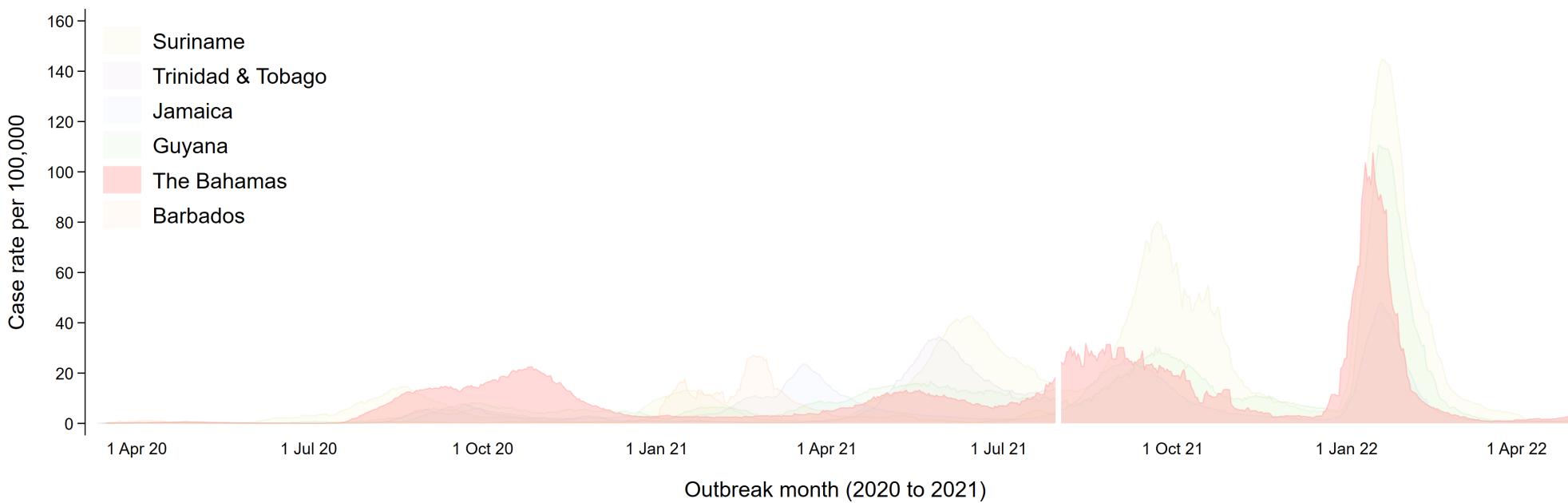


- Suriname - outbreak #5, Omicron
- Jamaica - outbreak #4, Omicron
- Guyana - peak in October 2021, then Omicron



COVID-19 outbreaks - adding Aug to Dec 2021

(Updated on: 17 Jan 2023)

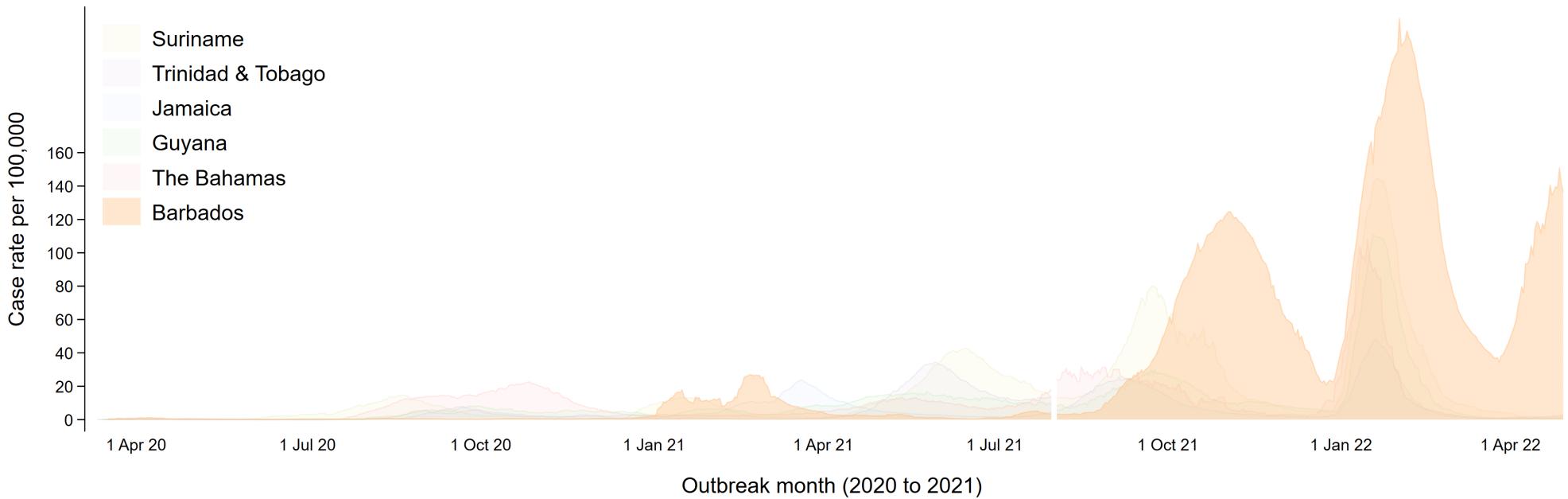


- Suriname - outbreak #5, Omicron
- Jamaica - outbreak #4, Omicron
- Guyana - peak in October 2021, then Omicron
- The Bahamas - Extended wave in Autumn 2021, and new wave beginning



COVID-19 outbreaks - adding Aug to Dec 2021

(Updated on: 17 Jan 2023)

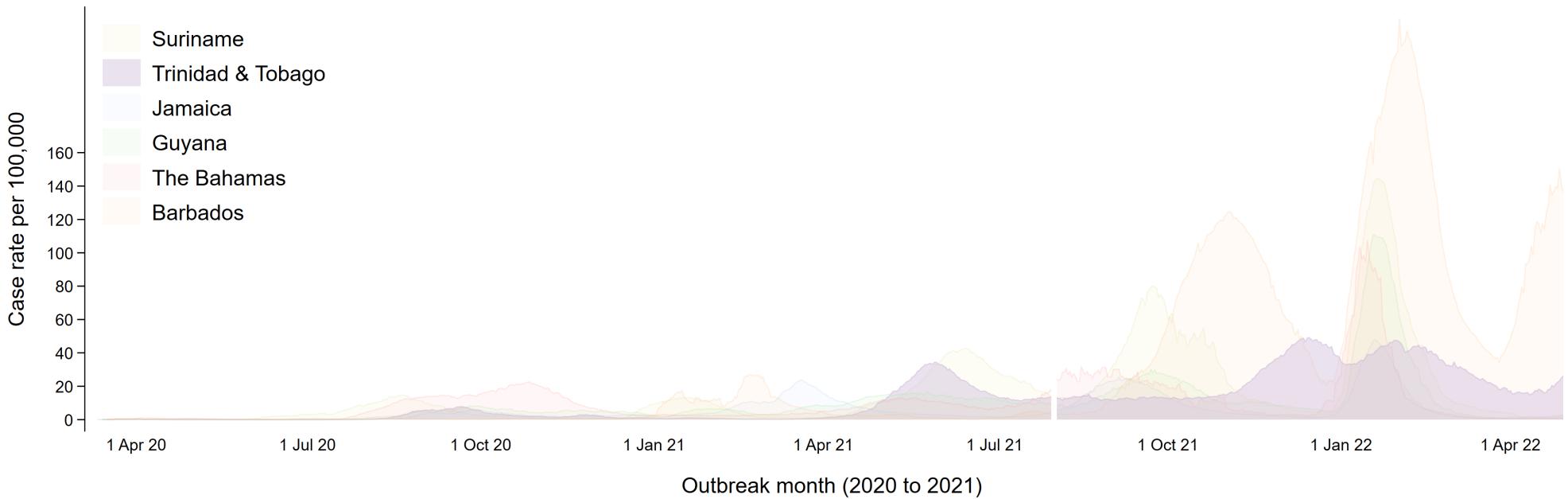


- Suriname - outbreak #5, Omicron
- Jamaica - outbreak #4, Omicron
- Guyana - peak in October 2021, then Omicron
- The Bahamas - Extended wave in Autumn 2021, and new wave beginning
- Barbados - large outbreak in Autumn 2021, then Omicron



COVID-19 outbreaks - adding Aug to Dec 2021

(Updated on: 17 Jan 2023)



- Suriname - outbreak #5, Omicron
- Jamaica - outbreak #4, Omicron
- Guyana - peak in October 2021, then Omicron
- The Bahamas - Extended wave in Autumn 2021, and new wave beginning
- Barbados - large outbreak in Autumn 2021, then Omicron
- Trinidad - 3rd wave in Dec 2021



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 <https://bit.ly/uwi-covid19>
Updated on: 17 Jan 2023 at 17:42:11

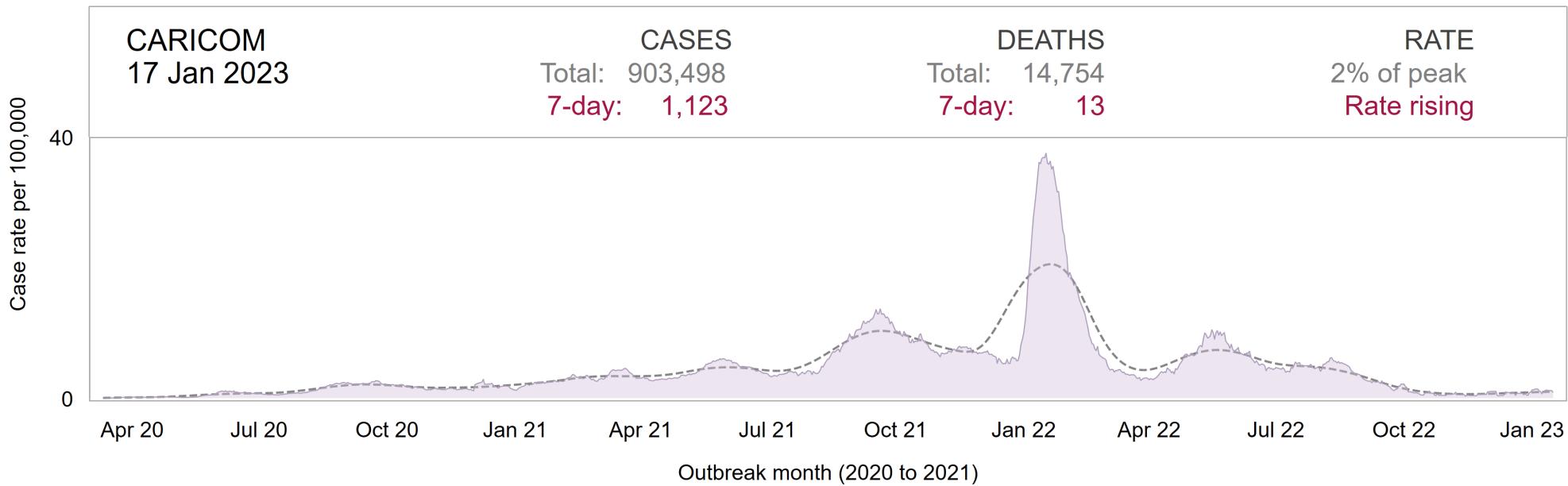
COVID-19 in the Caribbean

Part 2: Current Situation



COVID-19 outbreaks - CARICOM rates

(Updated on: 17 Jan 2023)



- in Autumn 2021 outbreaks coincided across CARICOM
- CARICOM overall rates peaked in Sep/Oct 2021
- Late Dec - rates starting to rise again - Omicron wave begins



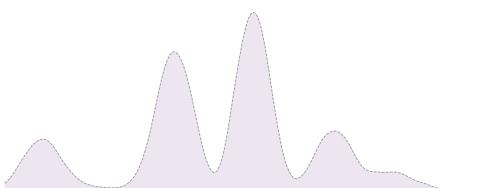
Summary of CARICOM cases (Updated: 17 Jan 2023)

Country	# cases (7d)	rate (100k)	% of peak	Trend
Antigua & Barbuda	0	0	0% of peak	
Bahamas	0	0	0% of peak	Rate rising
Barbados	0	0	0% of peak	Rate rising
Belize	223	55	30% of peak	Rate rising
Dominica	0	0	0% of peak	
Grenada	0	0	0% of peak	Rate rising
Guyana	241	7	6% of peak	Rate rising
Haiti	57	0	4% of peak	Rate rising
Jamaica	141	2	5% of peak	Rate rising
St Lucia	0	0	0% of peak	Rate falling
St Kitts & Nevis	10	3	1% of peak	Rate rising
St Vincent & Gren	11	2	0% of peak	Rate falling
Suriname	0	0	0% of peak	Rate rising
Trinidad & Tobago	406	27	51% of peak	Rate rising
Anguilla	0	0	0% of peak	
Bermuda	34	8	2% of peak	Rate rising
BVI	0	0	0% of peak	
Cayman	0	0	0% of peak	Rate falling
Montserrat	0	0	0% of peak	
Turks & Caicos	0	0	0% of peak	Rate falling

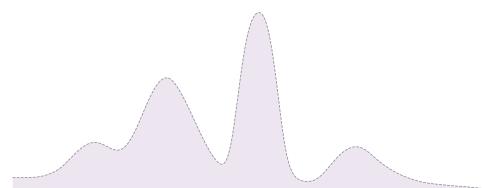


Summary of CARICOM cases (Updated: 17 Jan 2023)

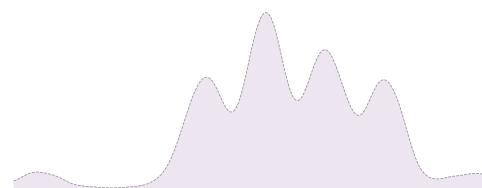
Antigua & Barbuda:



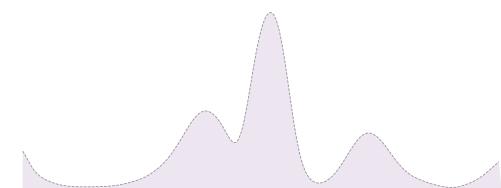
Bahamas:



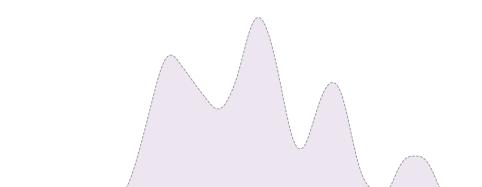
Barbados:



Belize:



Dominica:



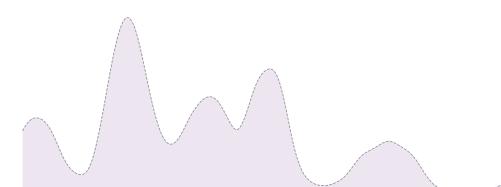
Grenada:



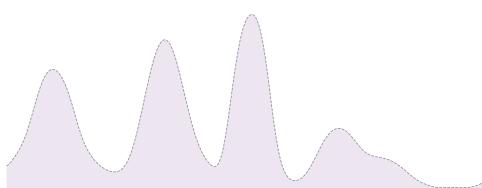
Guyana:



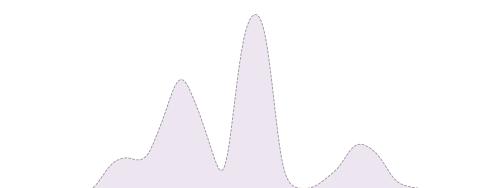
Haiti:



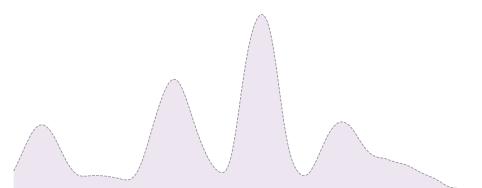
Jamaica:



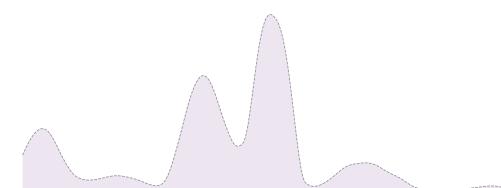
St Kitts & Nevis:



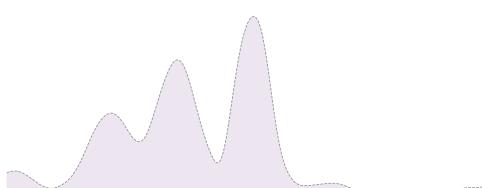
St Lucia:



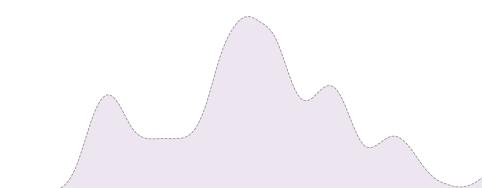
St Vincent & Grenadines:



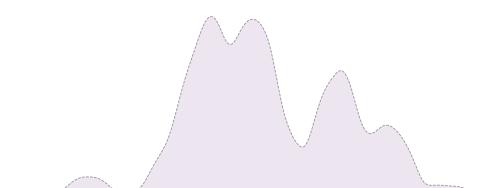
Suriname:



Trinidad:



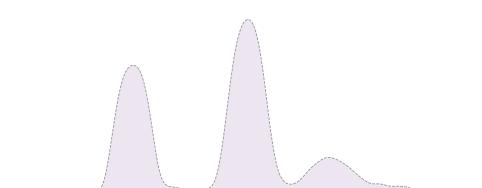
Anguilla:



Bermuda:



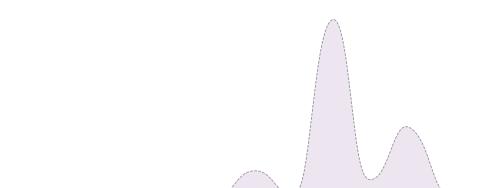
BVI:



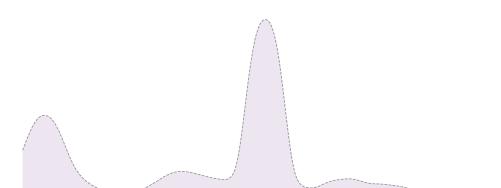
Cayman:



Montserrat:



Turks & Caicos:



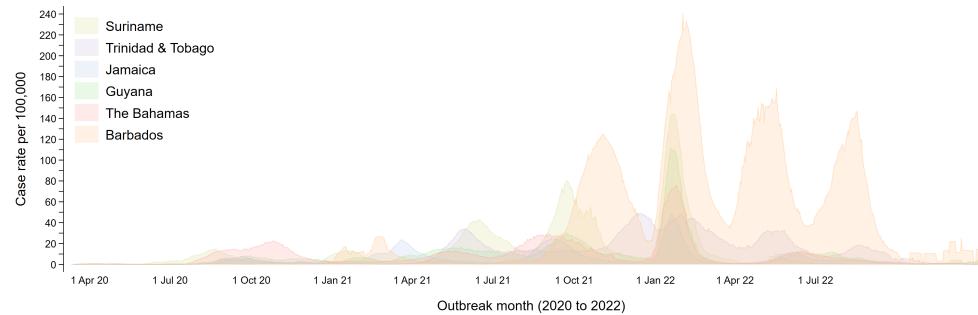


COVID-19 SLIDE DECK

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 <https://bit.ly/uwi-covid19>
Updated on: 17 Jan 2023 at 17:42:17

COVID-19 in the Caribbean

Our new location for CARICOM COVID-19 Surveillance



<https://bit.ly/uwi-covid19>



COVID-19 SLIDE DECK

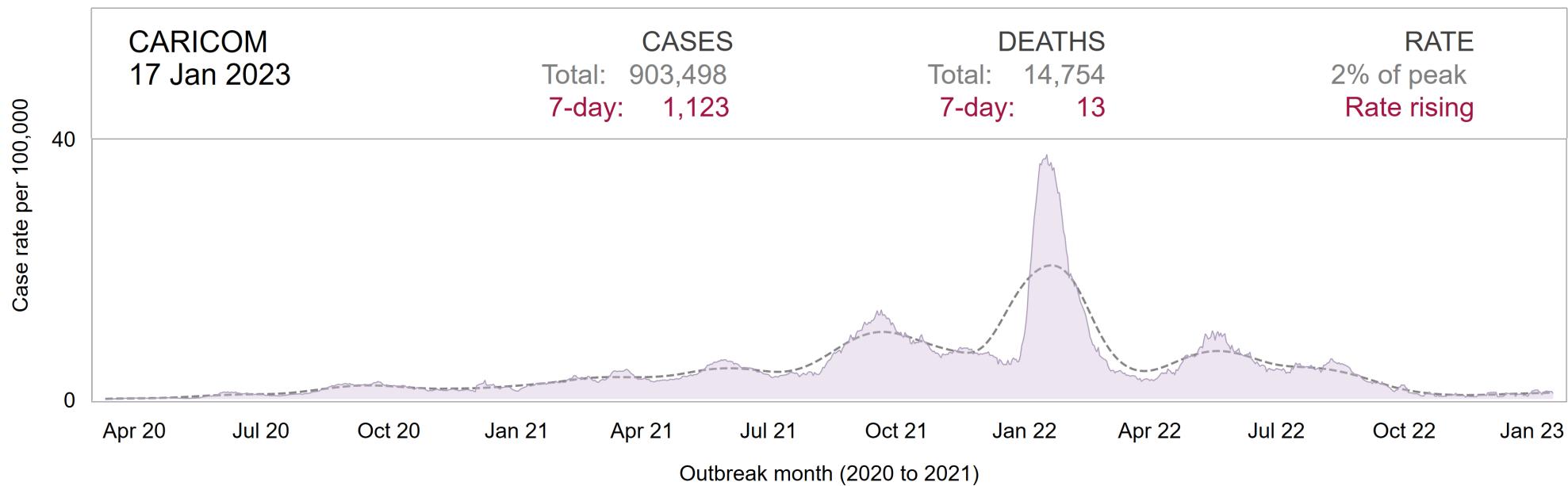
Slide deck created by staff of the George Alleyne Chronic Disease Research Centre and the Public Health Group of The Faculty of Medical Sciences, Cave Hill Campus, The University of the West Indies. *Group Contacts:* Ian Hambleton (*analytics*), Maddy Murphy (*public health interventions*), Kim Quimby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

Updated on: 17 Jan 2023 at 17:42:17

COVID-19 in the Caribbean

Part 3: Country Profiles

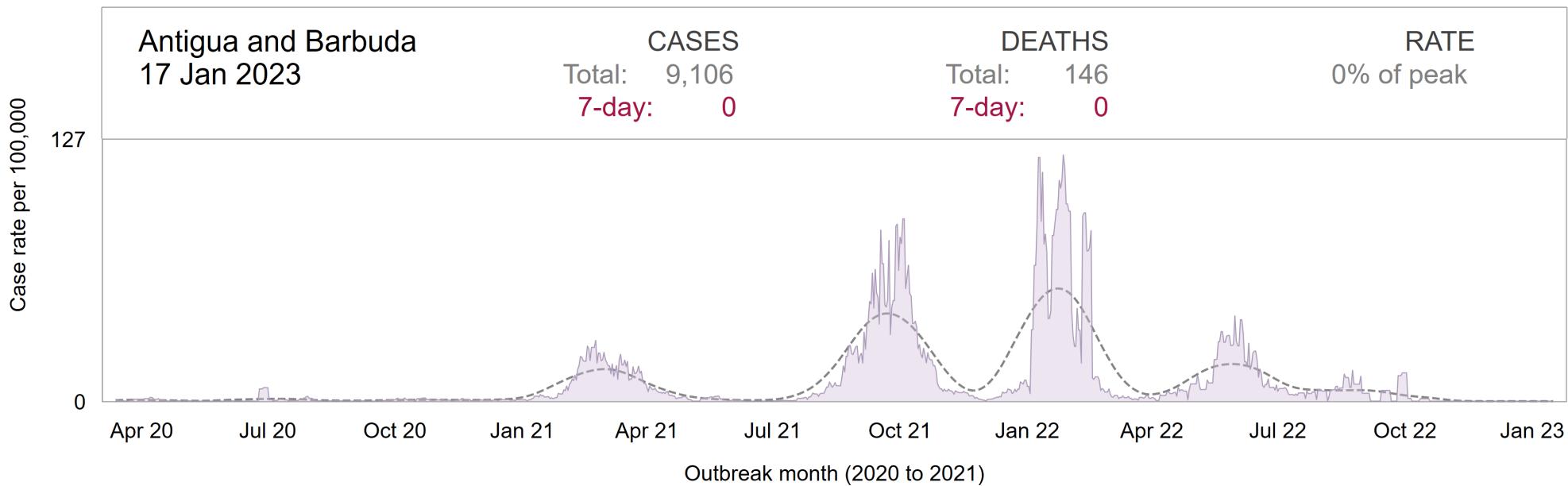
Figure. COVID-19 case rate in the Caribbean Community, since April 2020



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.

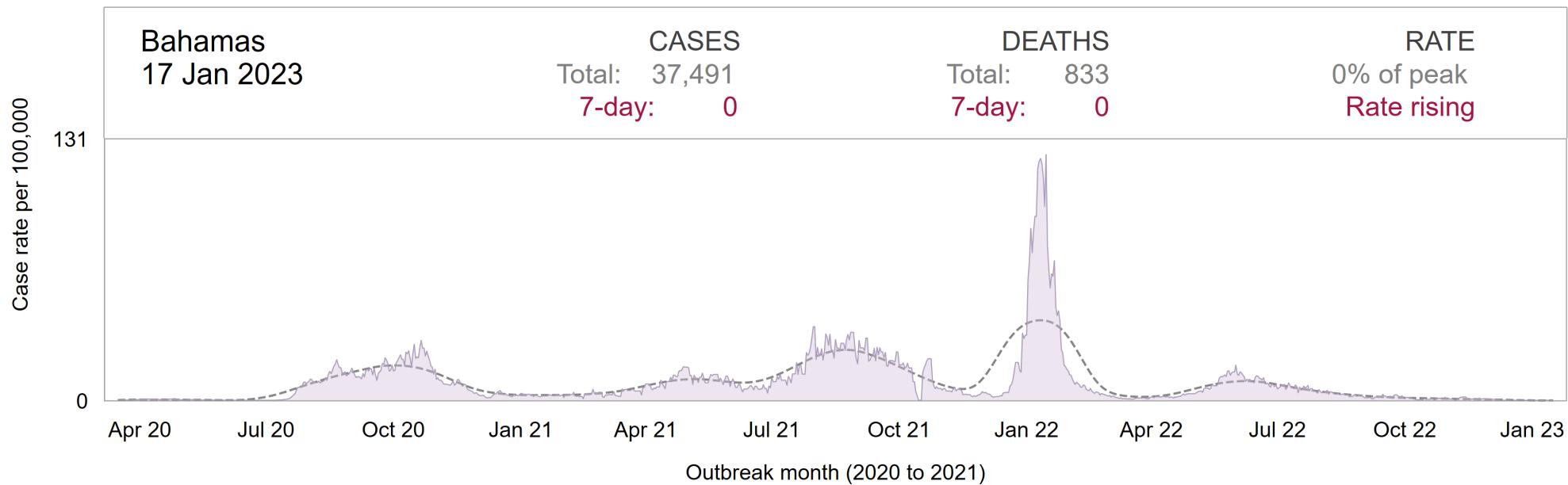
Figure. COVID-19 case rate in Antigua & Barbuda, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

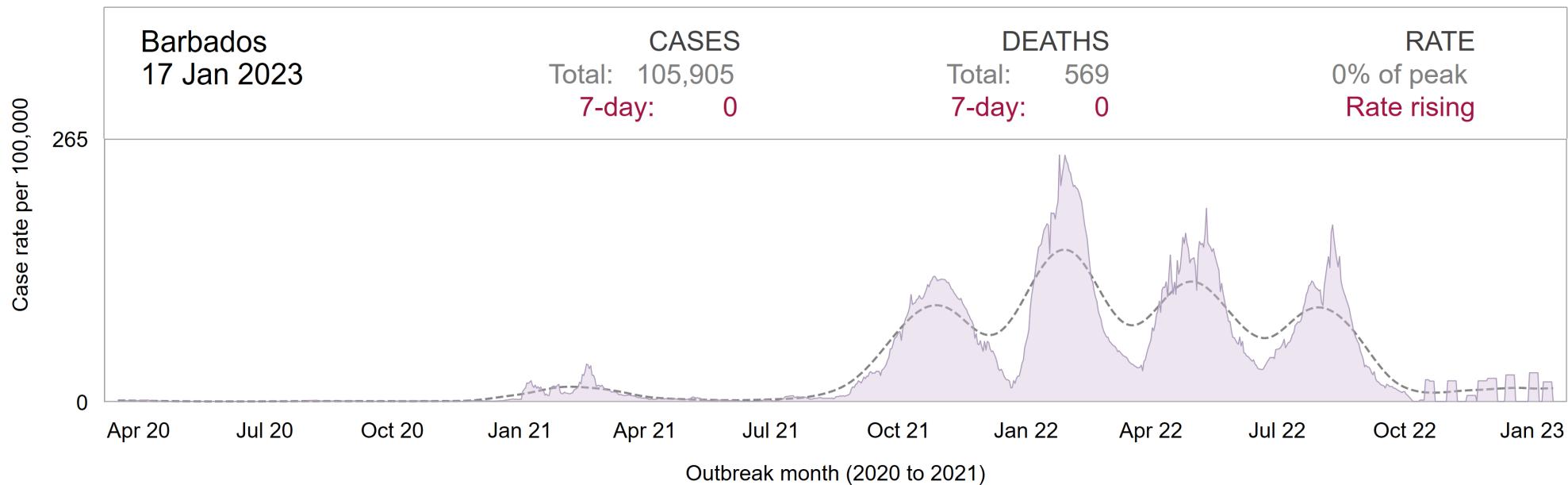
Figure. COVID-19 case rate in The Bahamas, since April 2020



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.

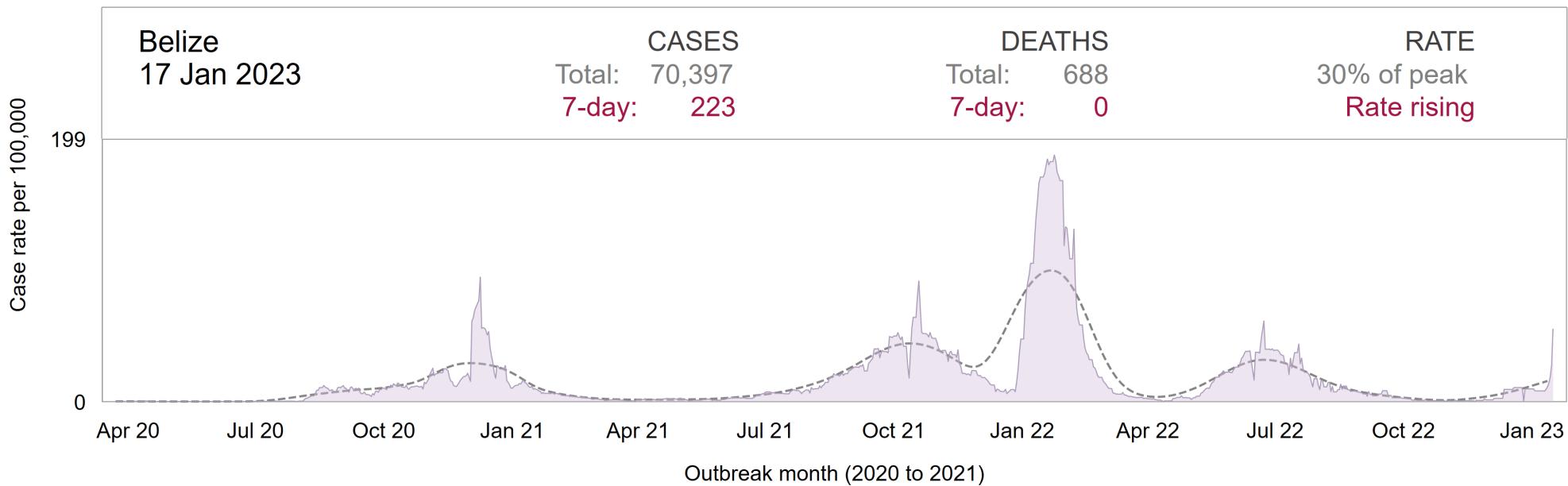
Figure. COVID-19 case rate in Barbados, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

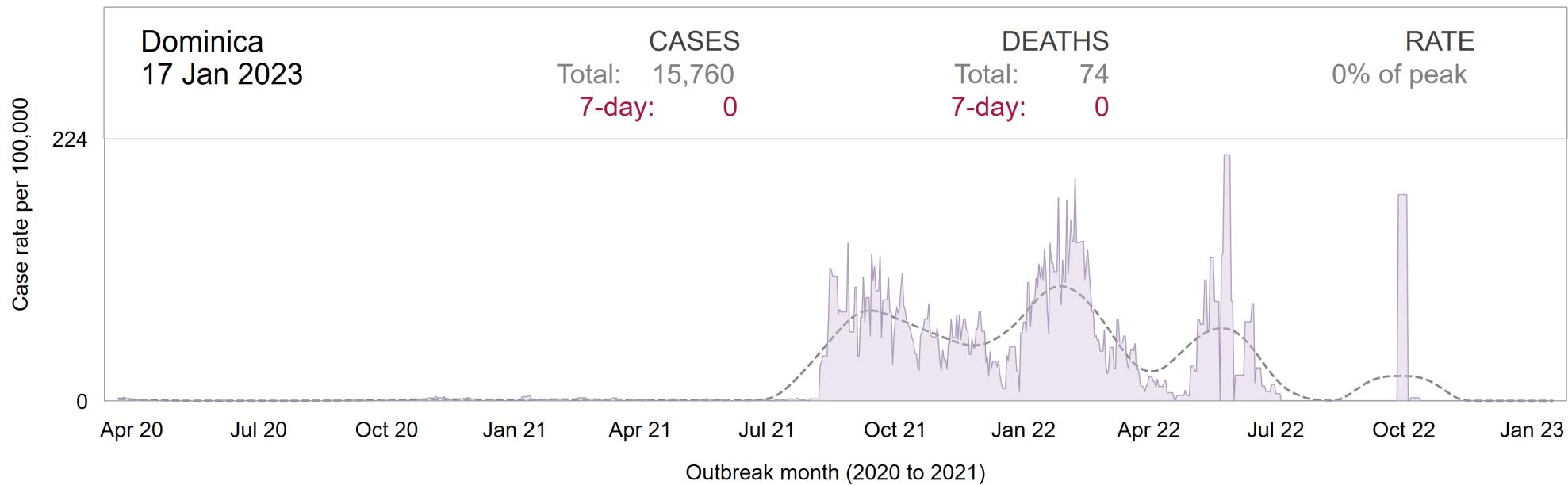
Figure. COVID-19 case rate in Belize, since April 2020



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.

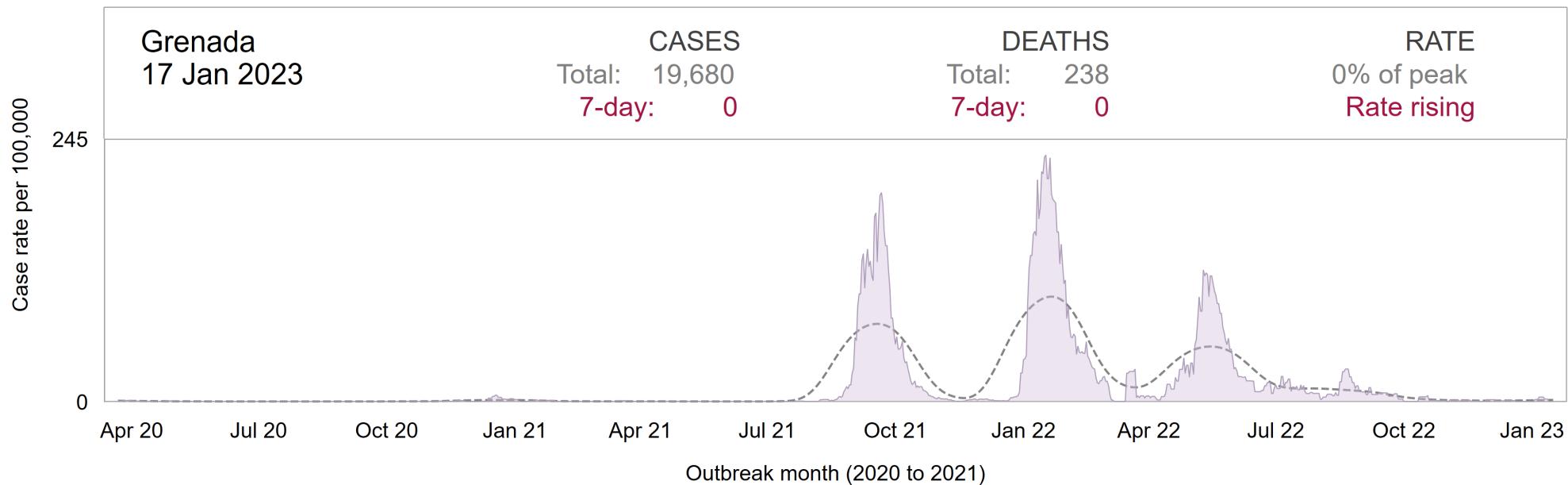
Figure. COVID-19 case rate in Dominica, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

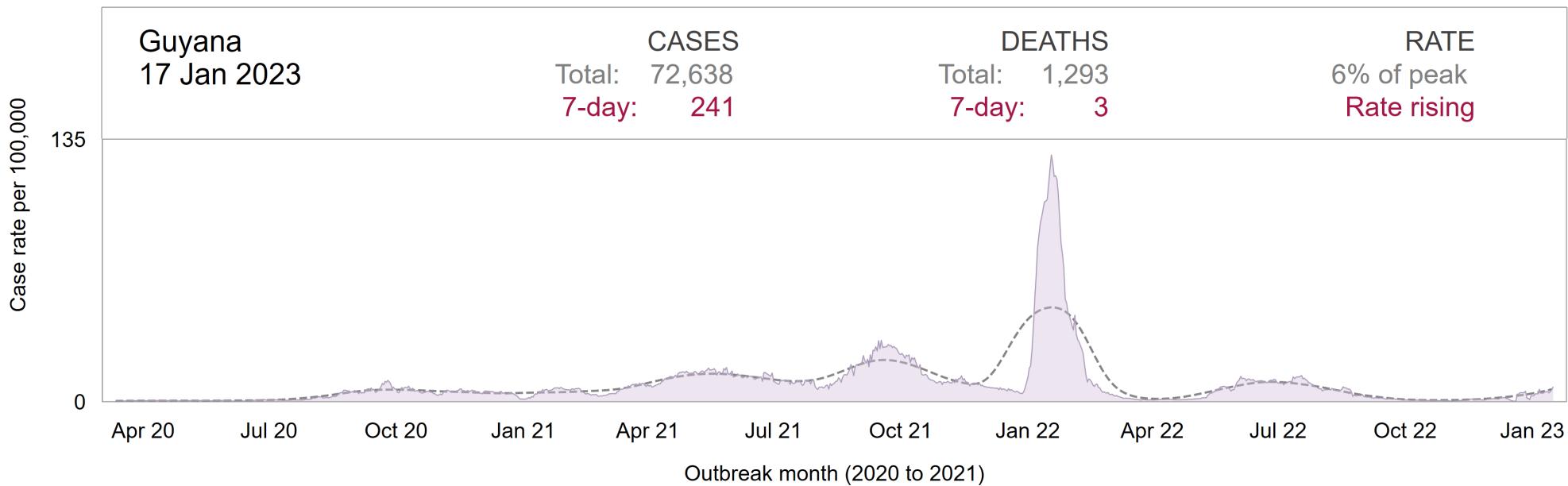
Figure. COVID-19 case rate in Grenada, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

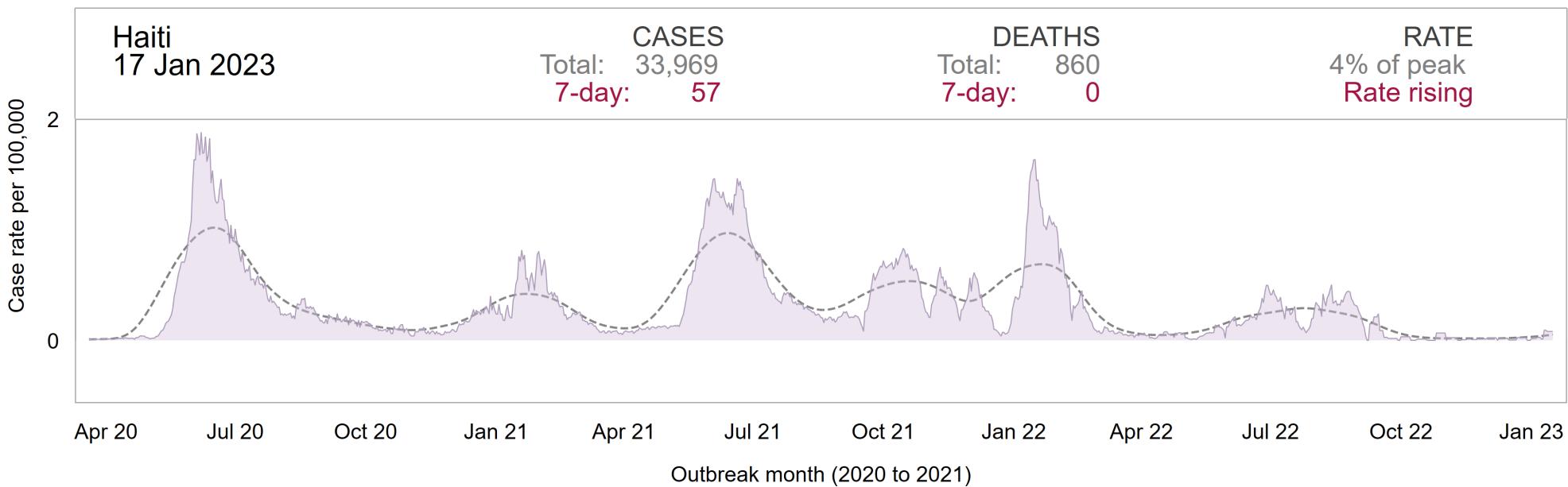
Figure. COVID-19 case rate in Guyana, since April 2020



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.

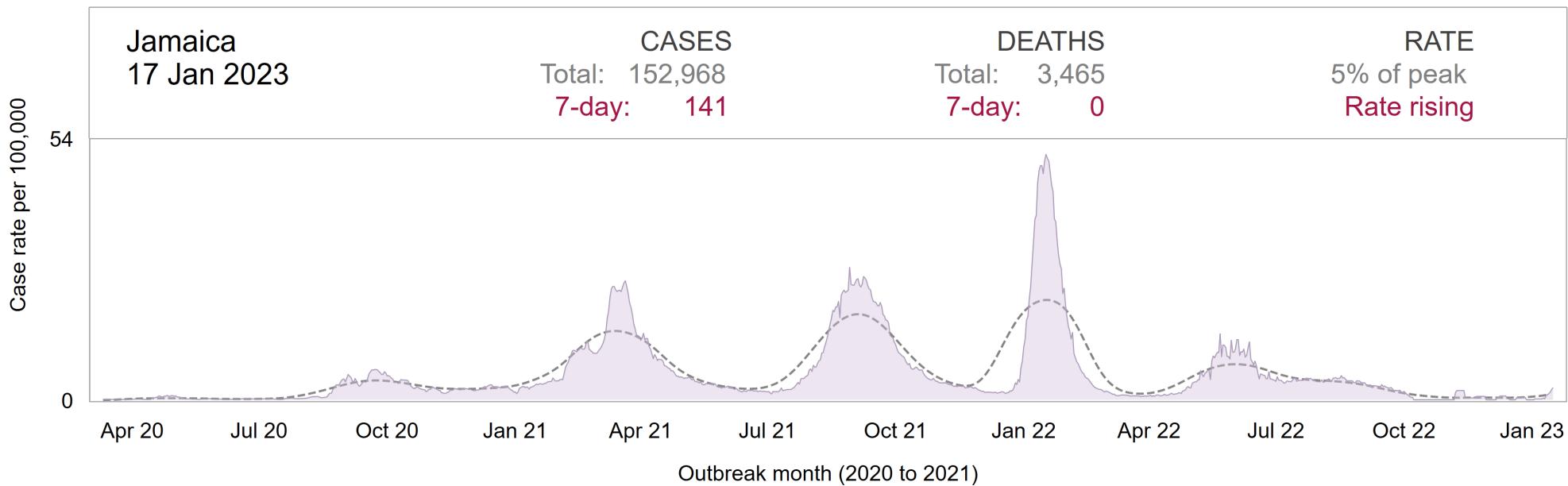
Figure. COVID-19 case rate in Haiti, since April 2020



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.

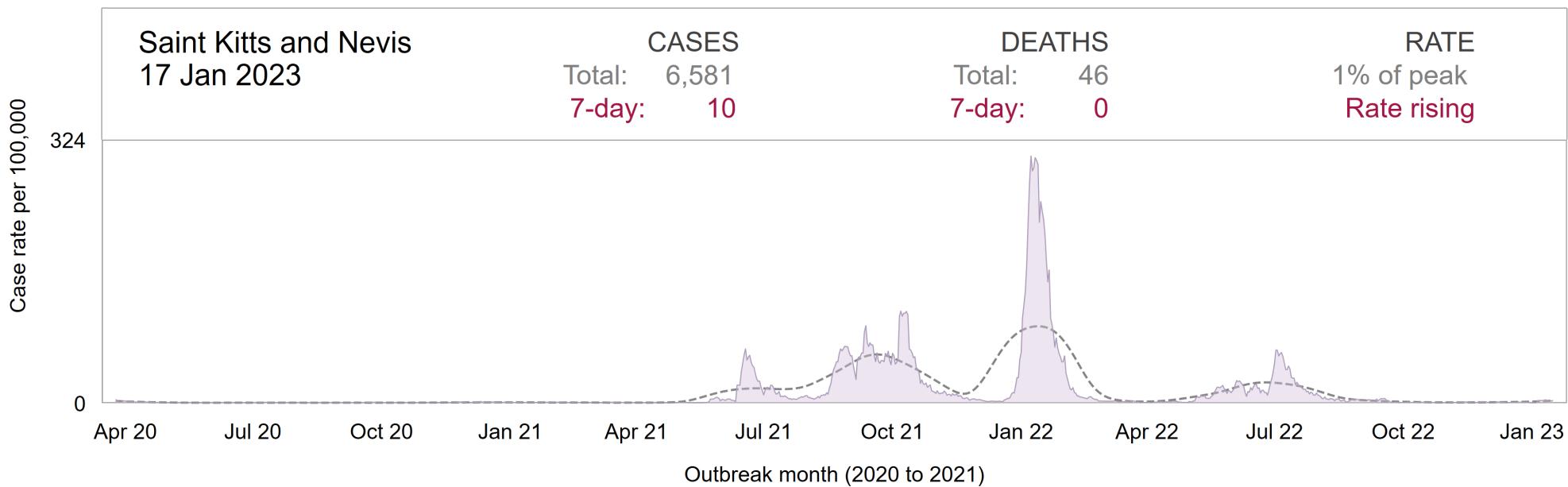
Figure. COVID-19 case rate in Jamaica, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

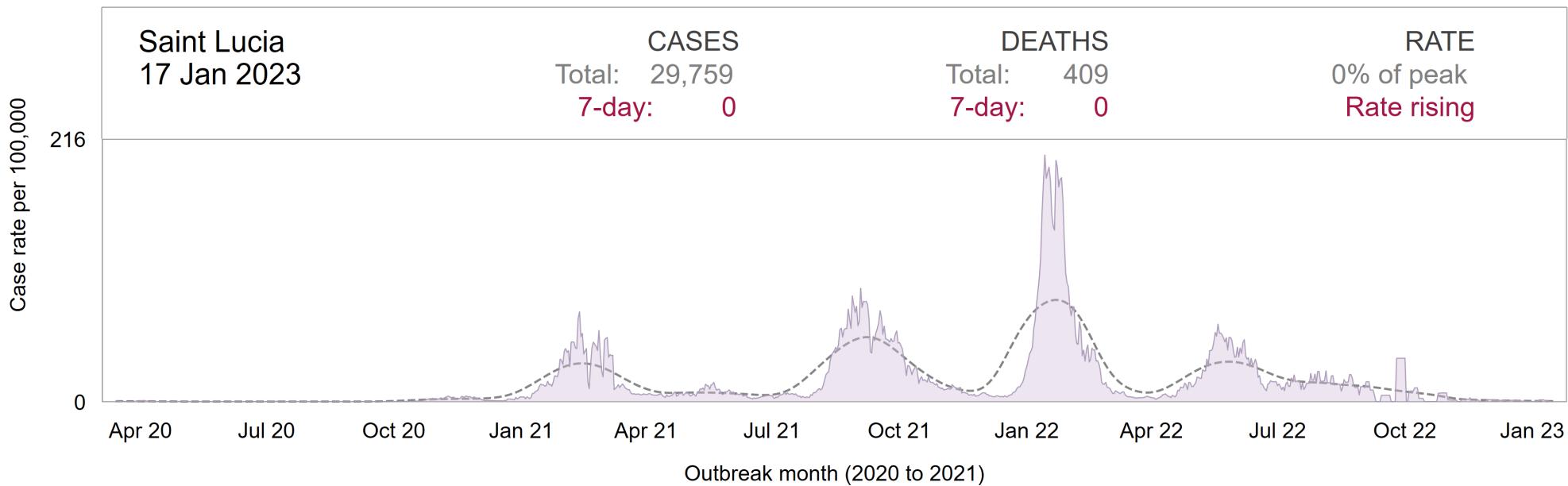
Figure. COVID-19 case rate in St. Kitts & Nevis, since April 2020



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.

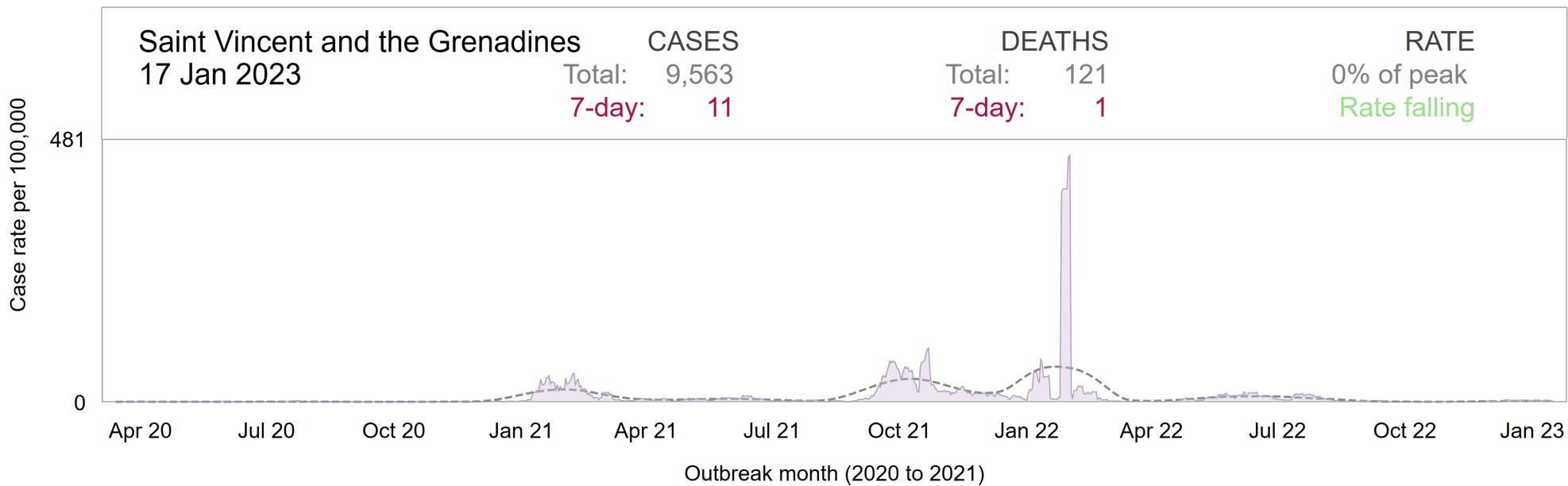
Figure. COVID-19 case rate in St. Lucia, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

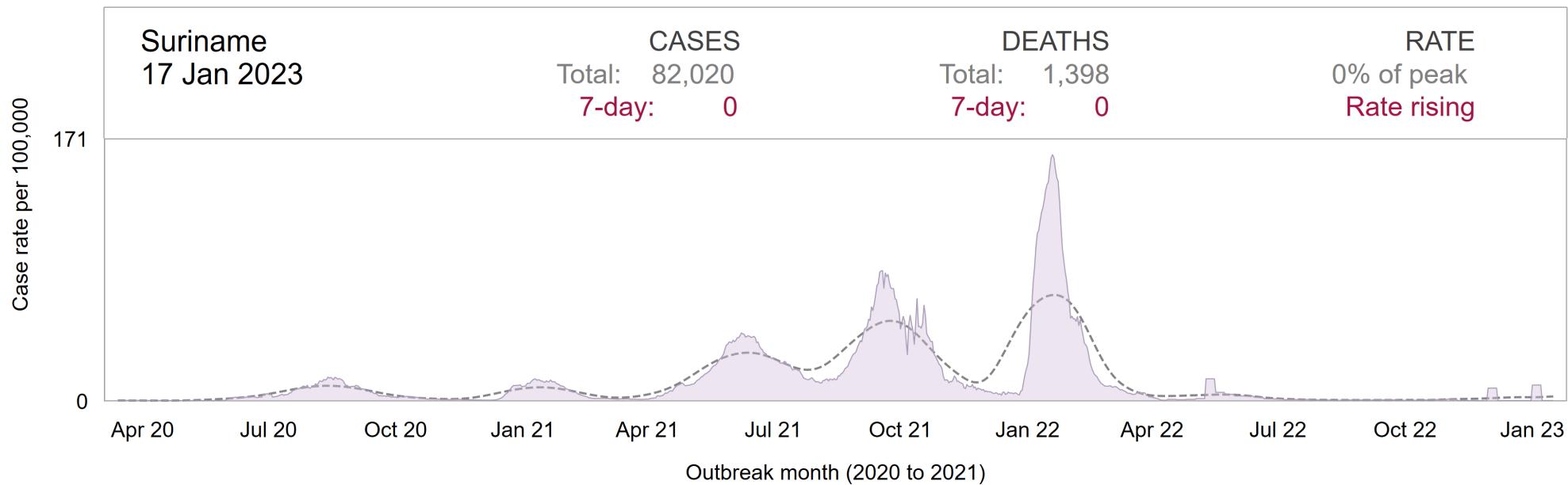
Figure. COVID-19 case rate in St. Vincent & the Grenadines, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

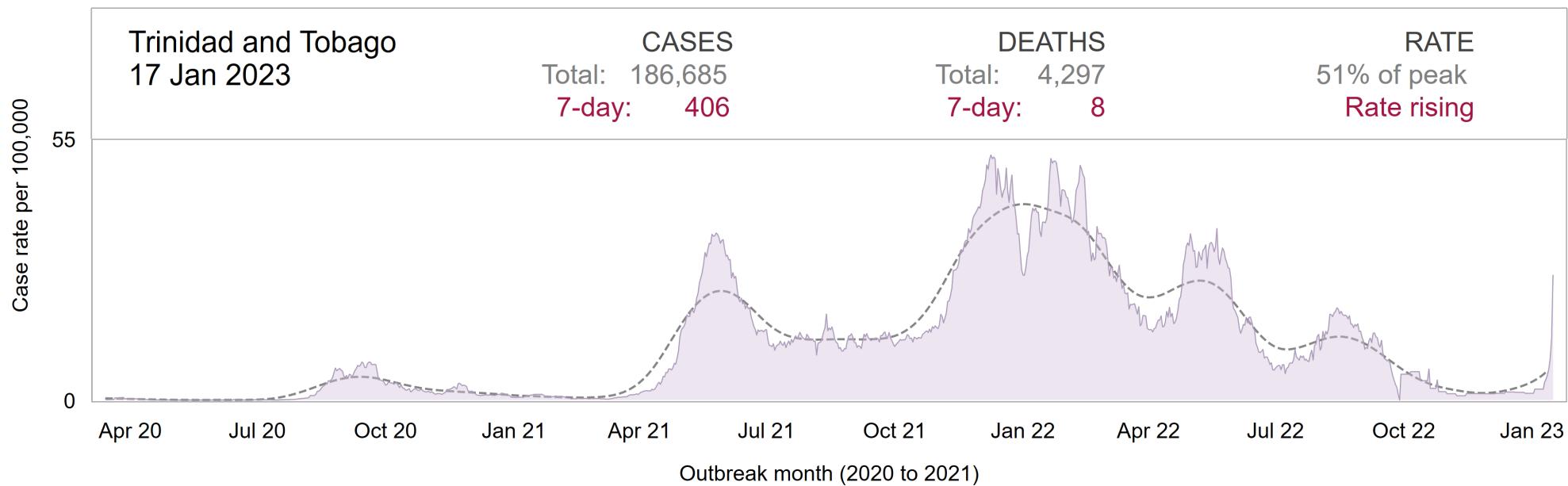
Figure. COVID-19 case rate in Suriname, since April 2020



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.

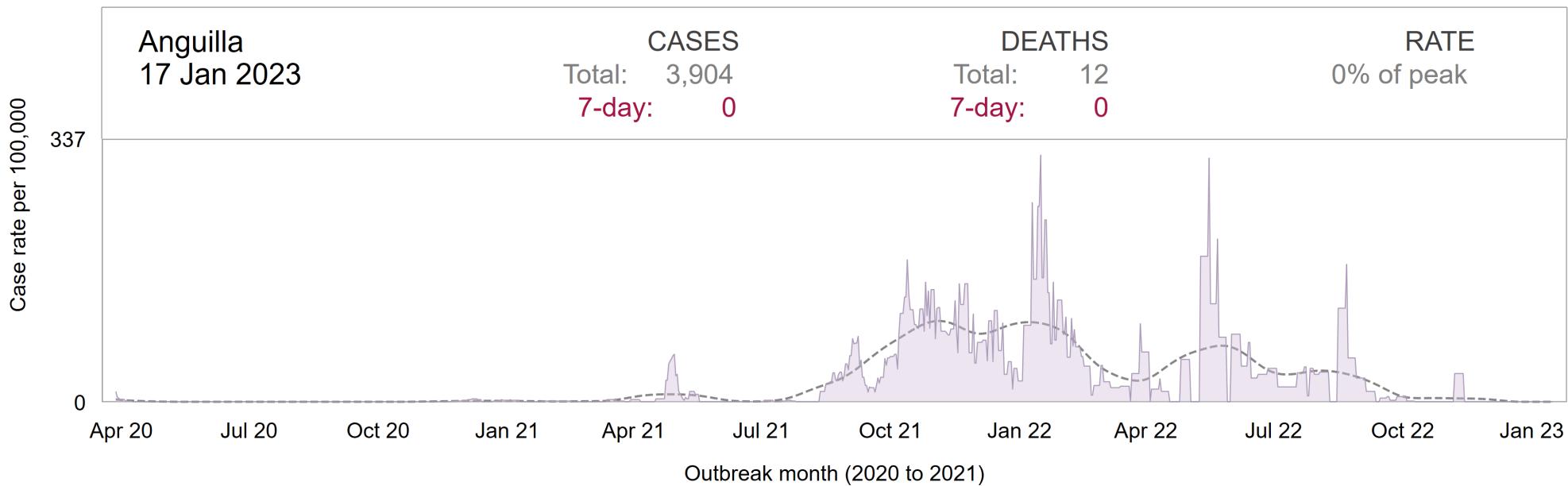
Figure. COVID-19 case rate in Trinidad & Tobago, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

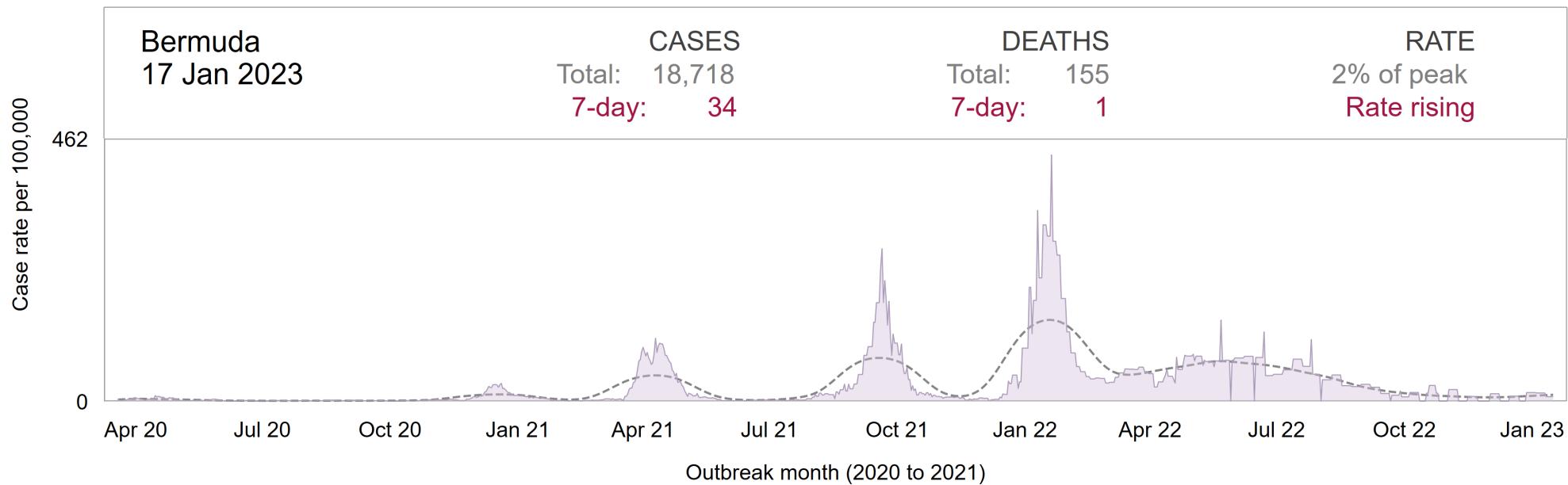
Figure. COVID-19 case rate in Anguilla, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

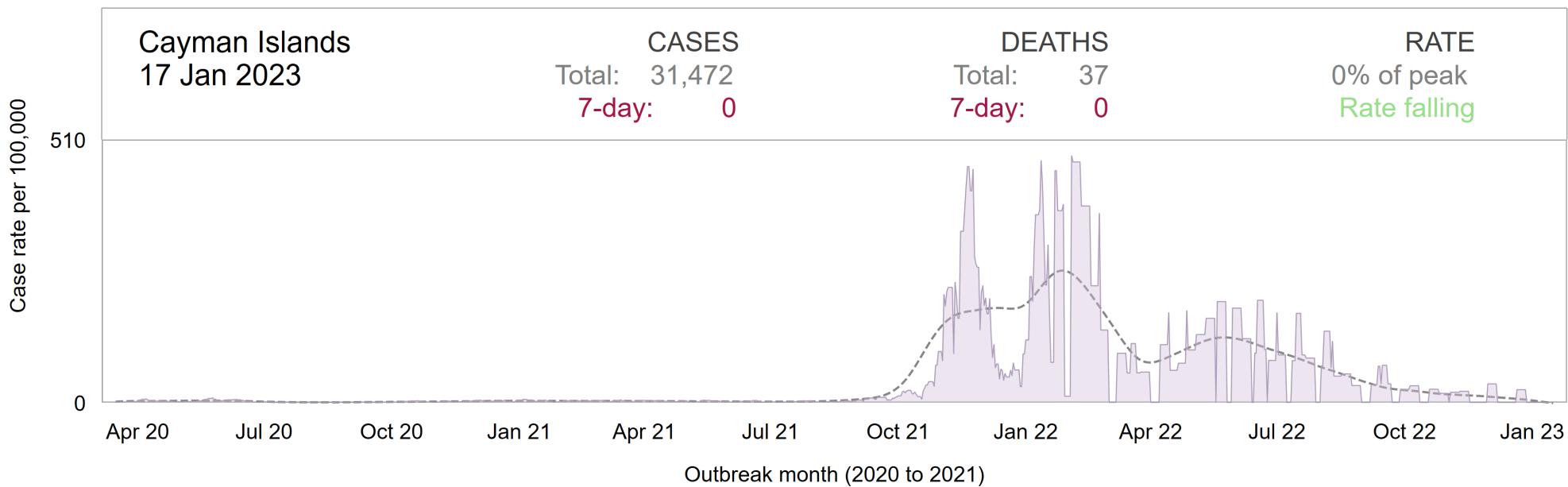
Figure. COVID-19 case rate in Bermuda, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

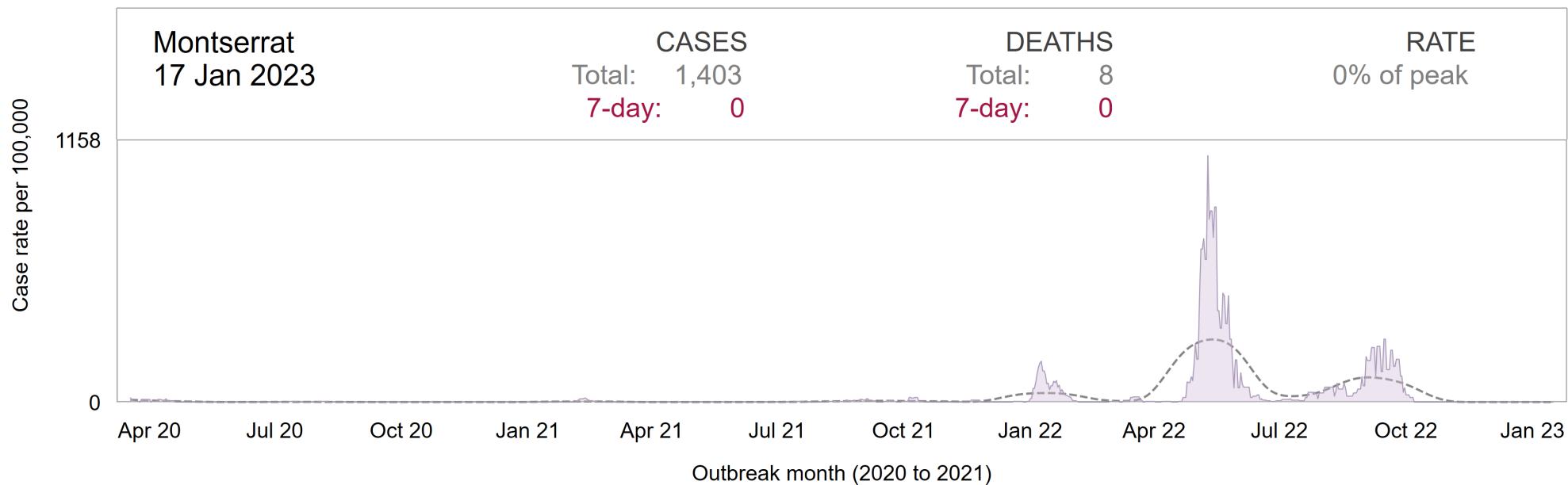
Figure. COVID-19 case rate in The Cayman Islands, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

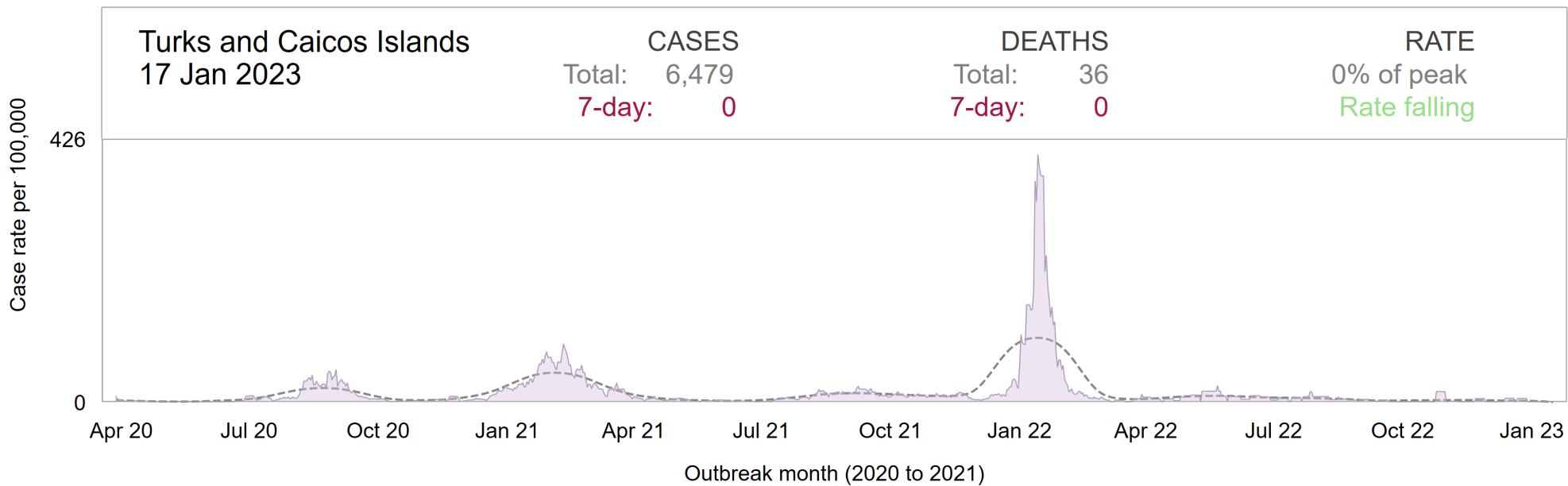
Figure. COVID-19 case rate in Montserrat, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.

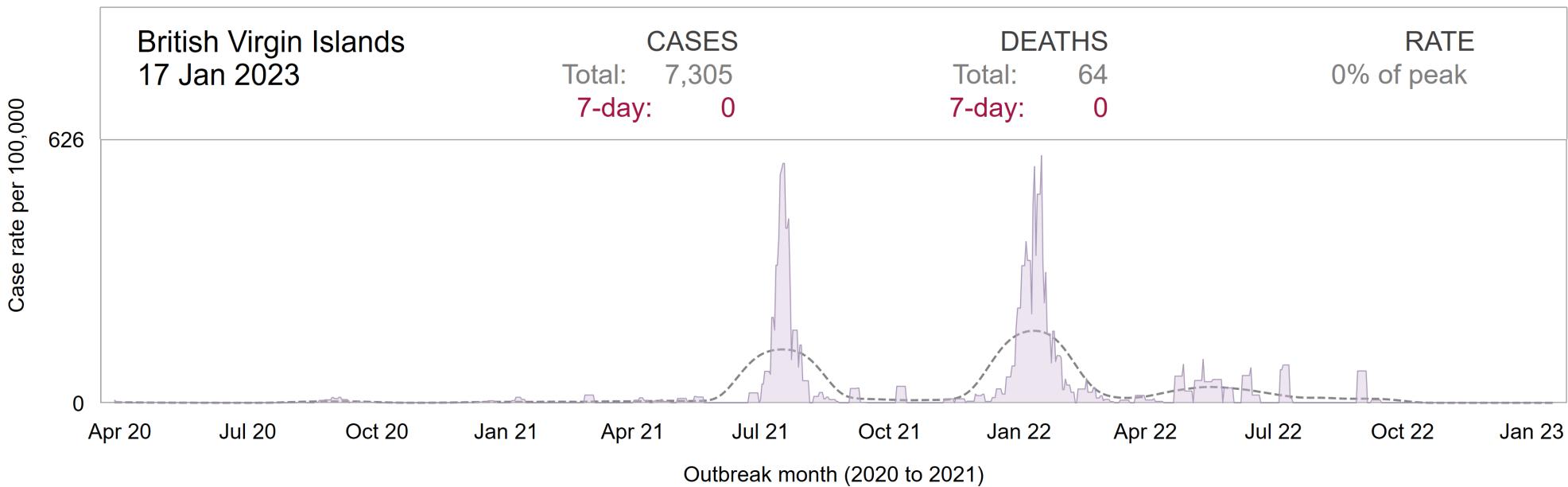
Figure. COVID-19 case rate in Turks and Caicos Islands, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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 The British Virgin Islands, since April 2020



The Case Rate: calculated as the number of daily new cases, divided by the country population ($\times 100,000$). 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.