

# Summary of Positivity Trajectory, Testing, and Updated Weekly Cases for COVID-19 in Liberia Up to Week ending – **February 19, 2022**

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Roads To Health

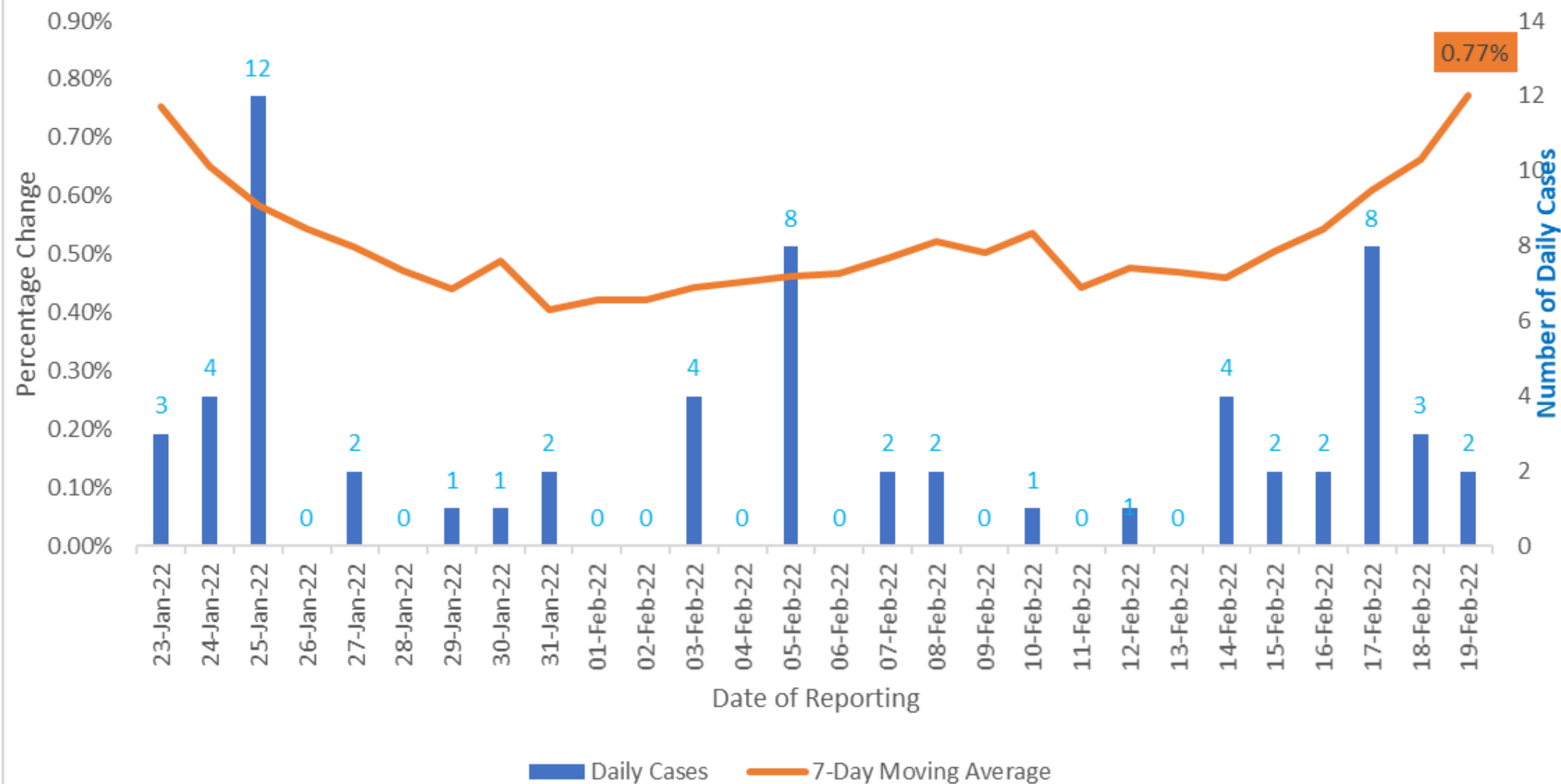
# Weekly Summary Key Messages for COVID-19 in Liberia (up to **Feb 19, 2022**)

Note: Data are preliminary and subject to change with additional reporting from the Incident Management System as the primary source

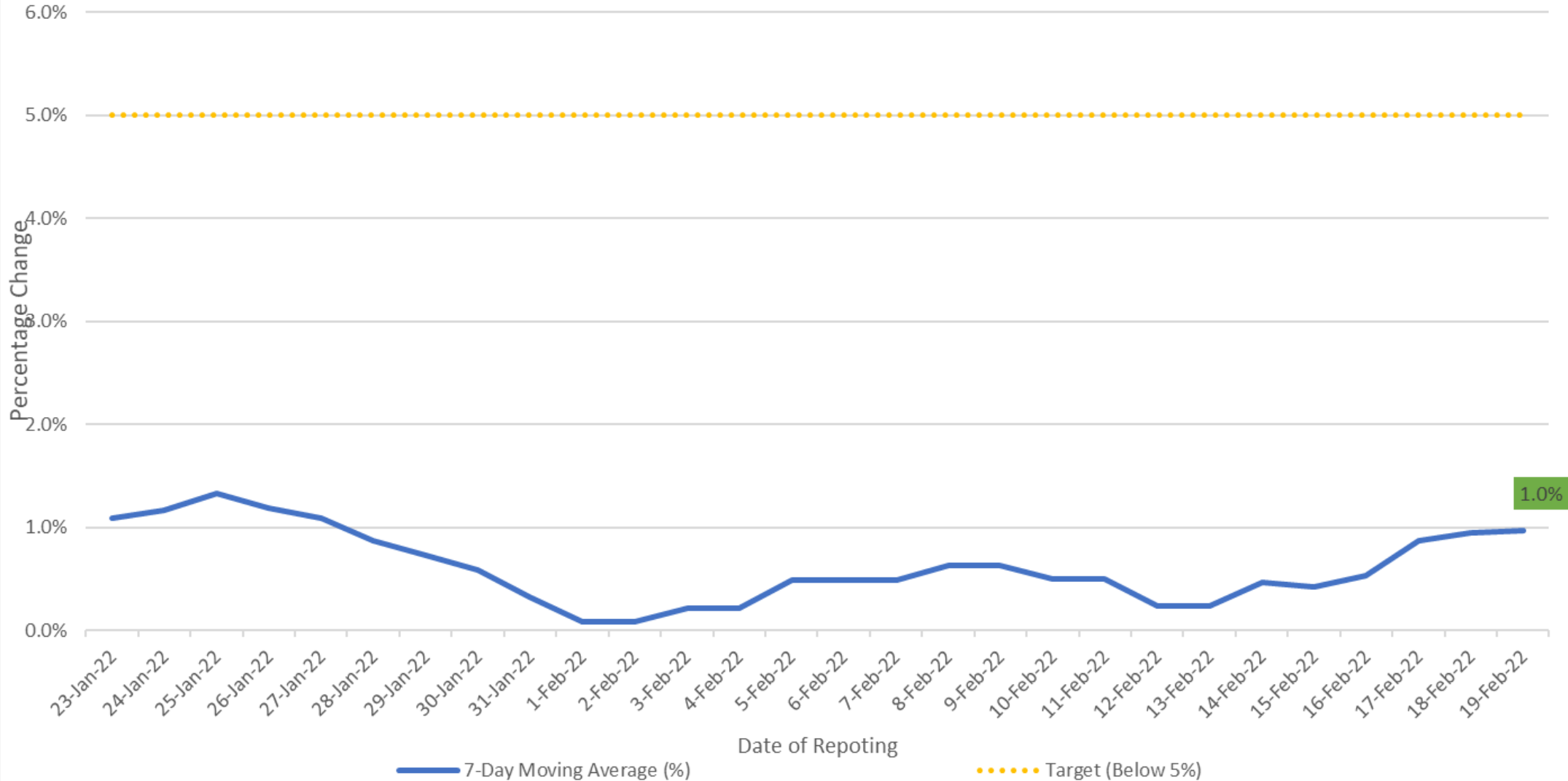
- First COVID-19 case reported on March 16, 2020.
  - Timeline in response – 706 days; 101 weeks; and 23.1 months.
- **Total number of cases: 7,381. Active cases: 25 Recovered Cases: 7,062**
- **Total Deaths 294** (68 in Treatment Units [TU]; 184 in other health facilities; and 42 in community). **4 new deaths reported this week.**
  - Crude Case Fatality Rate(Community and TU/HF) – 3.9%
- **Healthcare workers:** 404 cases; 8 deaths.
- **Vaccination:** As of report of February 18, 2021, 1,015,633 (**33.5%**) of the targeted population of 3,035,497 who are ages 12 years and older have been fully vaccinated against COVID-19. The **goal** is to reach the WHO target of **70% by June 2022.**
- **Contact tracing:** There have been **no report of contacts being followed between February 15-20, 2022, despite having between 20-26 active cases.** This may have skewed the reported average ratio of contacts to cases in last 14 days(Feb 6-19) that have further **decreased and remained low to zero** at average of only about 0.1 (range: 0 – 0.2) contacts to each case. While cases that are incoming travelers are not reporting contacts, it is unlikely that this low and lack of reported contacts can be attributable to them alone. In the last 14 days, there have been 27 cases, of which only 4 (or 14.8%) were incoming travelers. Since February 15th, only 2 of the 17 cases were incoming travelers. To understand further, during the week of Feb 5-12, only 1 of the 6 cases were incoming travelers while the current week (Feb 13-19), 3 of the 21 cases are incoming travelers. This may require review to improve surveillance while active cases are currently low.
- Total Laboratory (PCR) samples tested after de-duplication 162,228\*
- *Weekly samples tested (Feb 13-19): PCR = 1,394 and RDT = 1,687. RDT testing mostly among incoming travelers. There were a total of 3,081 tests for the week with 99.2% among travelers. PCR testing **increased by 23%** compared with the previous week from 1,371 to 1,687.*
- *Weekly new cases (Feb 13-19): **21 (17 PCR and 4 RDT were reported this week). During the previous week, Feb 6-12, there were 6 (4 PCR and 2 RDT). This is an increase of 250% in one week.***
- Positivity Rates (%) - Moving Averages(for PCR): 7- Day = **1.0%** (Previous 7-Day was **0.2%**).  
14-day = **0.6%**; and 21-day = **0.6%**
- Moving averages for PCR cases: 7-day = **2.4** (Previous week ending Jan 29 was **0.6**)
  - 14-day = **1.5**; and 21-day = **1.5**
- % of the Population Tested 3.60%
- Samples Tested per 10,000 Population 360 Samples Tested per 100,000 Population 3,599
- Cases and their proportions have consistently decreased during the last 5-6 weeks in favorable directions despite the modest increase this week from a peak of 499 cases for the fourth wave during the week of December 26, 2021, to 21 cases during the week of Feb 13-19, 2022.

\***\*** Total from SitRep after de-duplication that exclude pending samples. This number may differ when compared with the Lab line list.

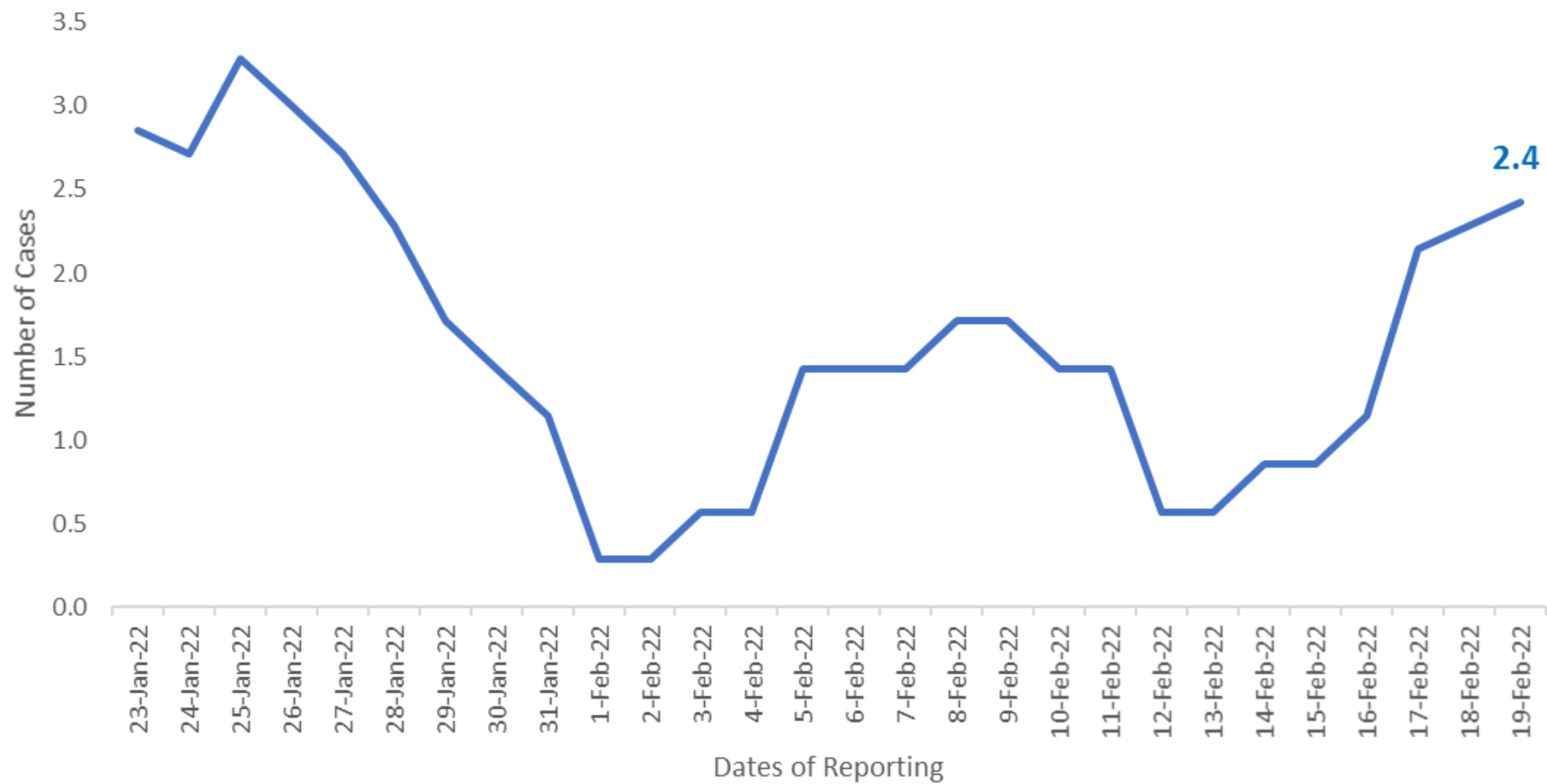
Trajectory of Percentages of 7- Day Moving Averages and Daily Cases of COVID-19 (Based on PCR and RDT) in Liberia, in Last 28 Days, Jan 23 - Feb 19, 2022



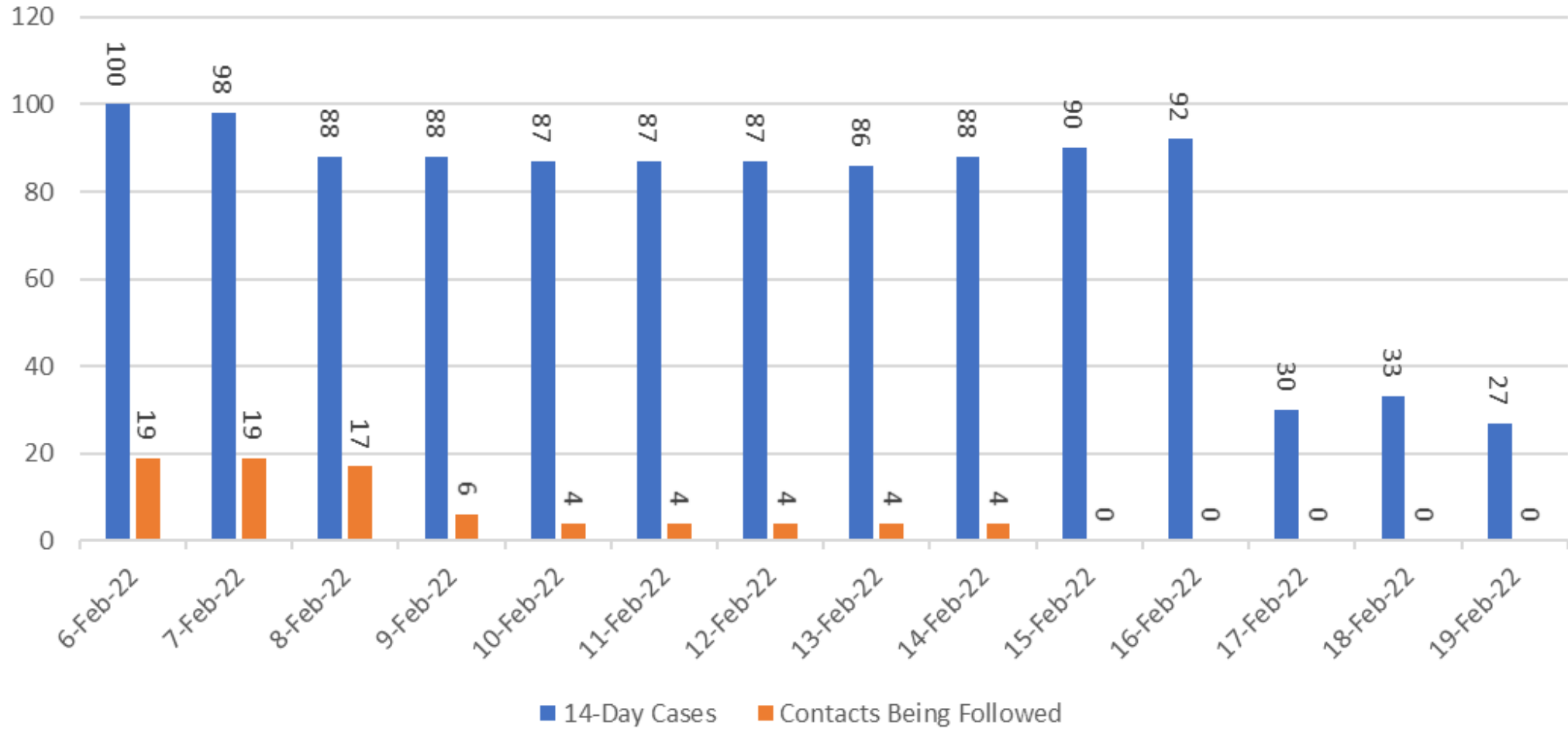
The 7 Day **Moving Averages (Percentages)** of COVID-19 Infection Positivity Based on **PCR Testing** for Liberia in Last 28 Days, Jan 23- Feb 19, 2022



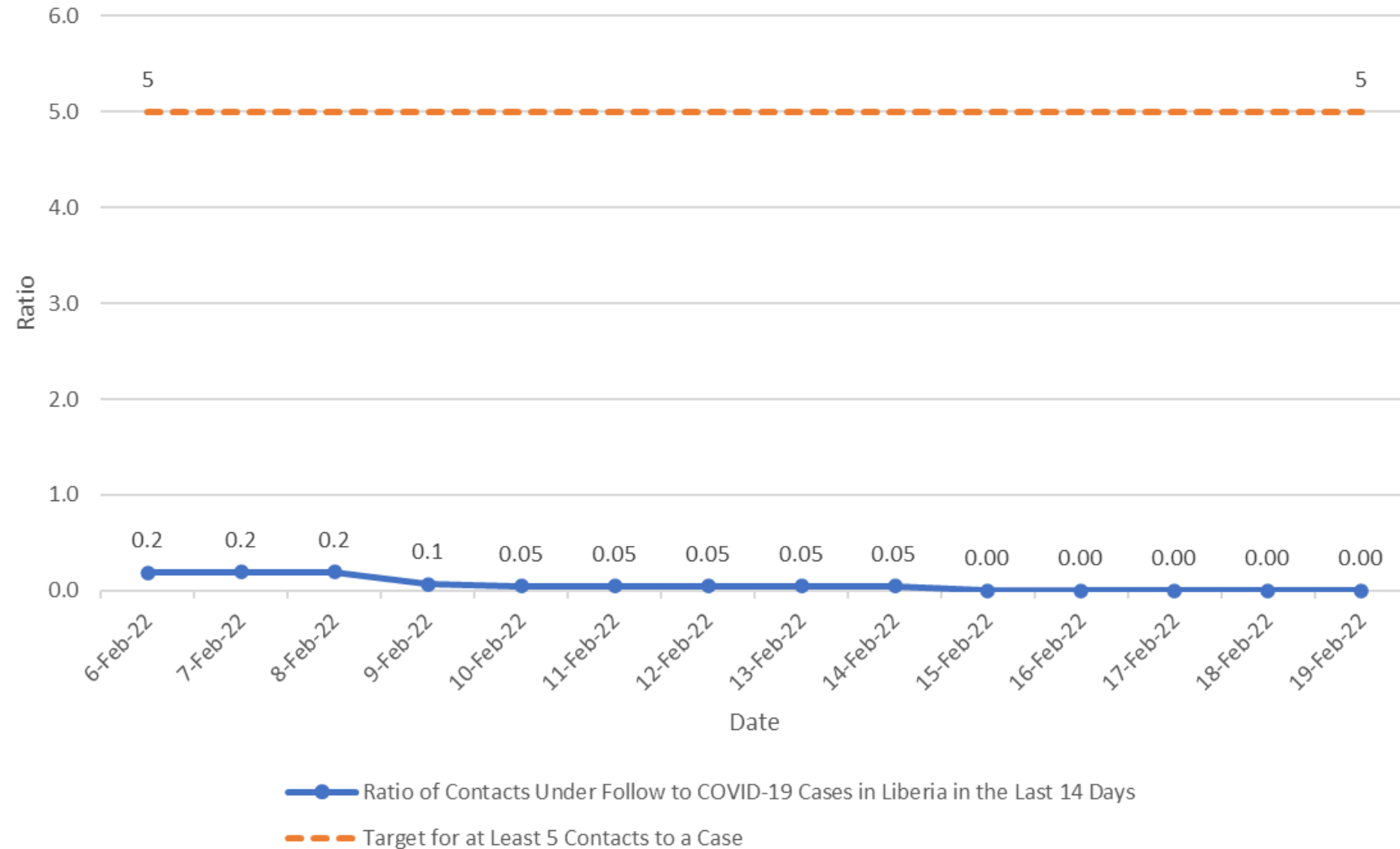
The 7 Day Moving Averages of COVID-19 **Cases** Based on **PCR Testing** for Liberia in Last 28 Days, Jan 23-Feb 19, 2022



## Rolling 14-Day Cases and Number of Contacts Being Followed, COVID-19, Liberia

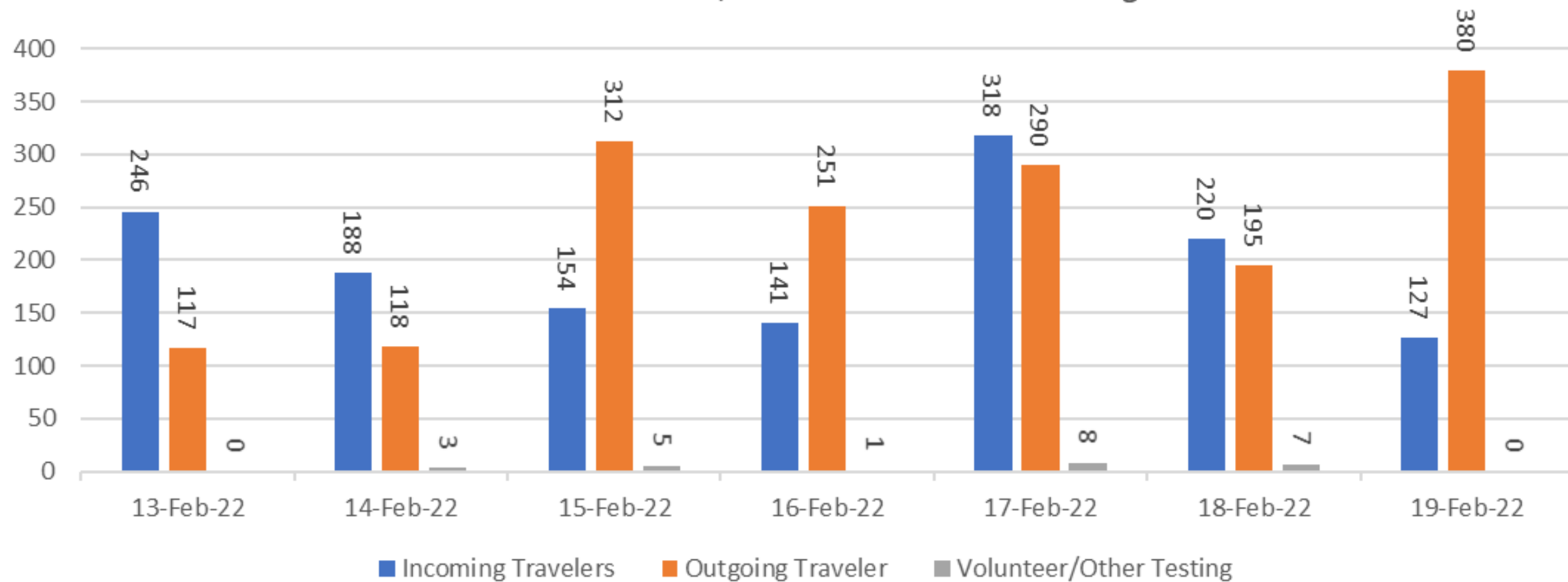


Ratio of Contacts Under Follow to COVID-19 Cases in Liberia in the Last 14 Days with Target for at Least 5 Contacts to 1 Case



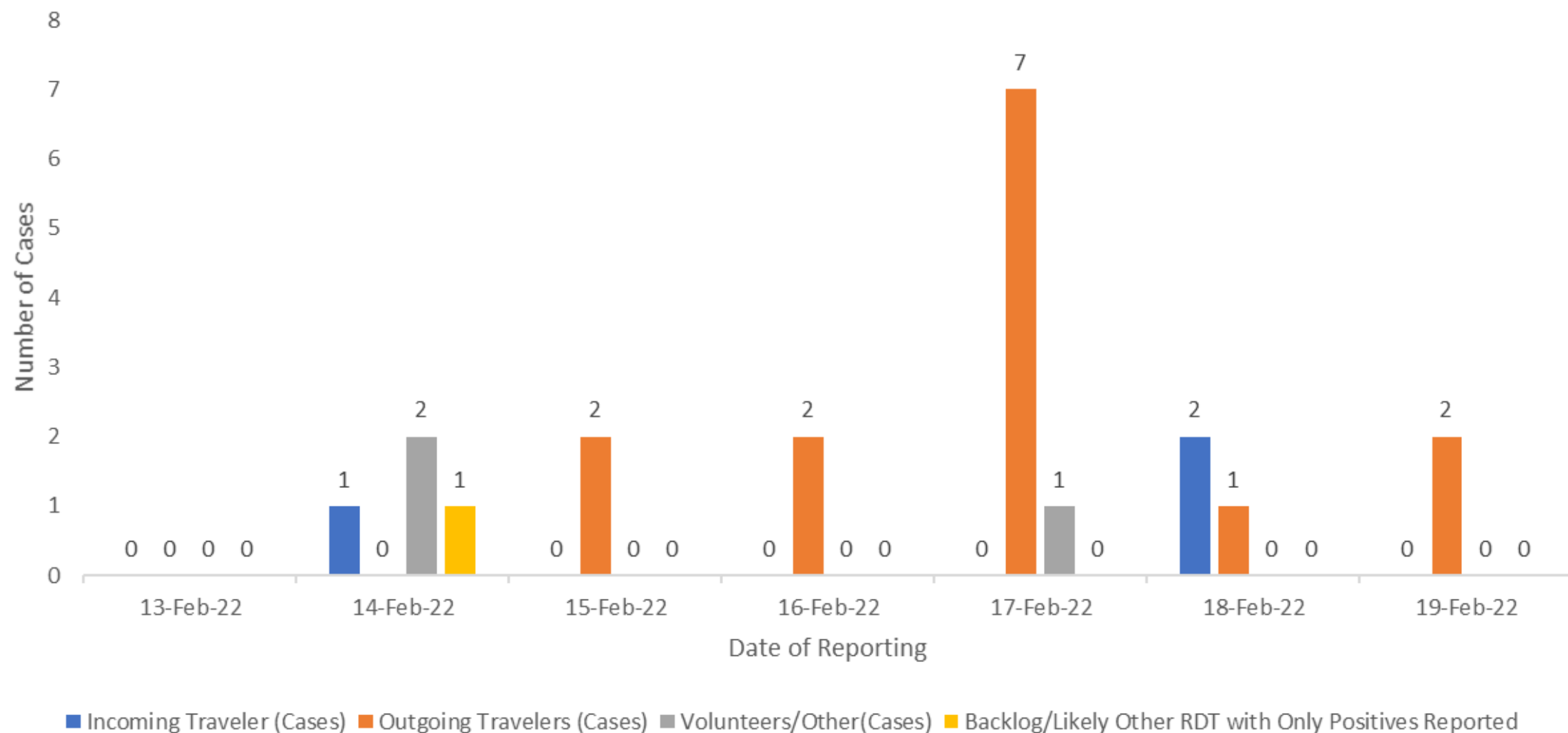
COVID- 19 Samples Tested (Based on RDT [n= 1,394] and PCR [n= 1,687] )  
for the Week of Feb 13-19, 2022 in Liberia.

*Total Tested = 3,081 with 99.2% among Travelers*

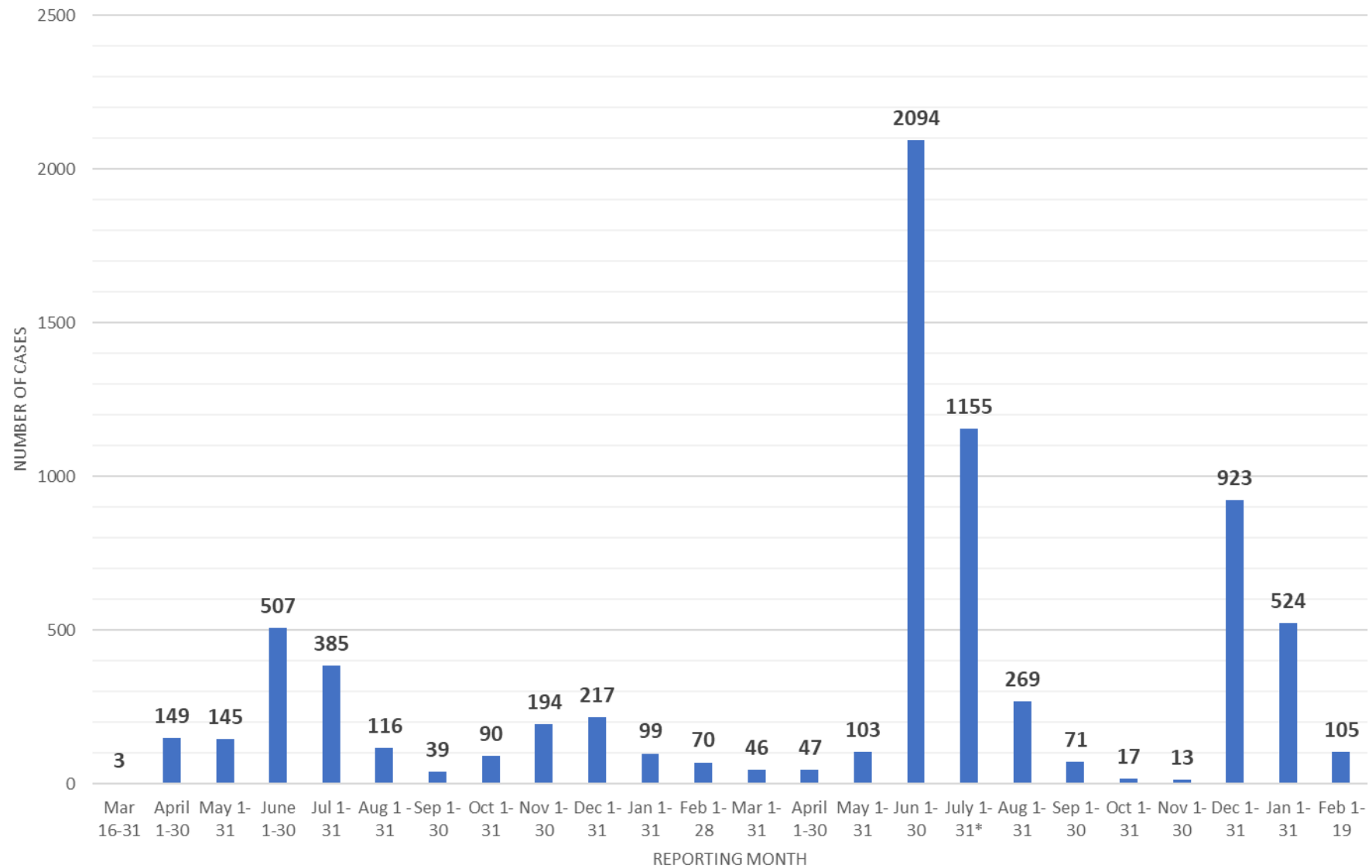




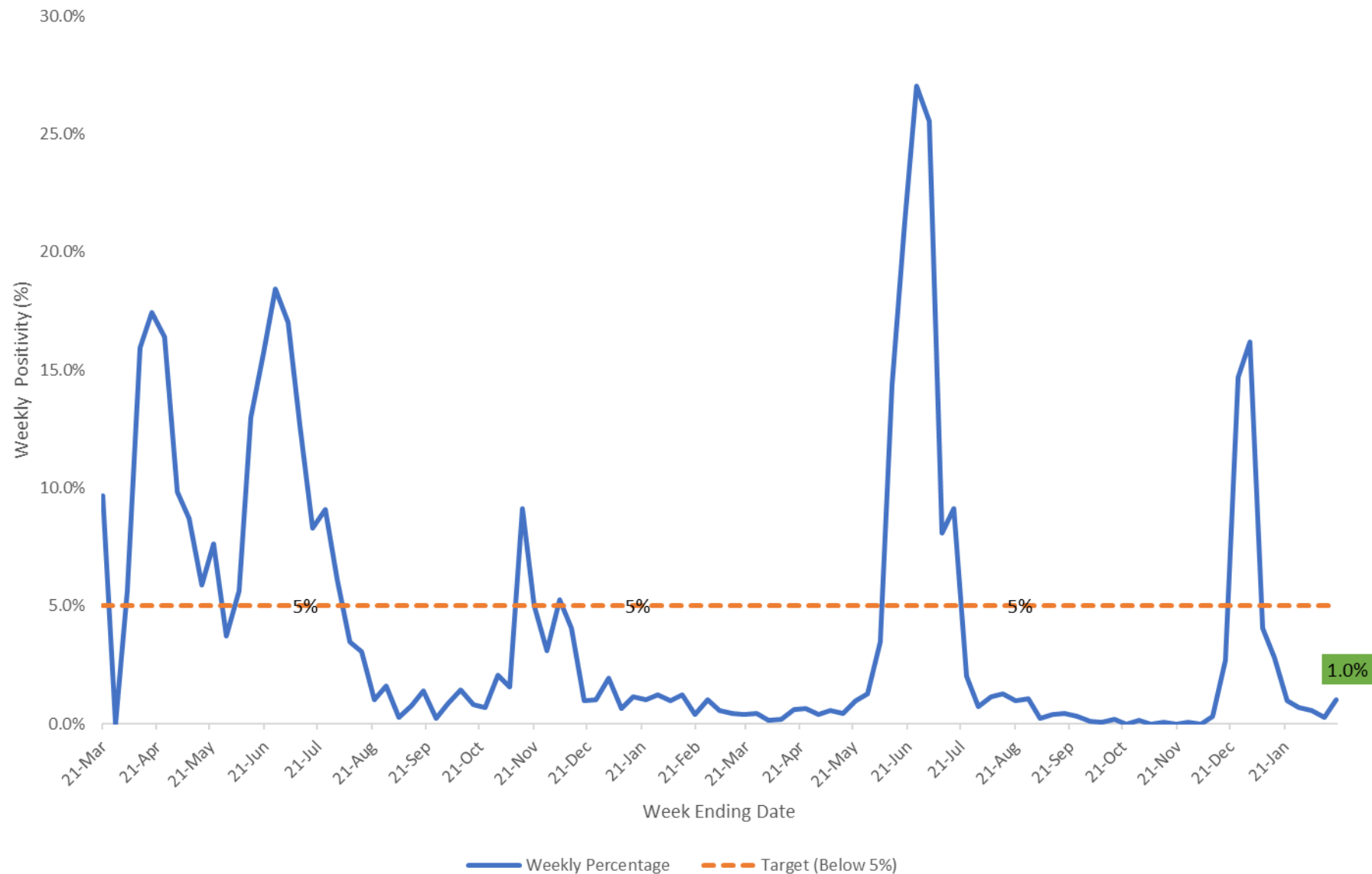
7-Day COVID-19 Cases in Liberia by Categories, Feb 13-19, 2022



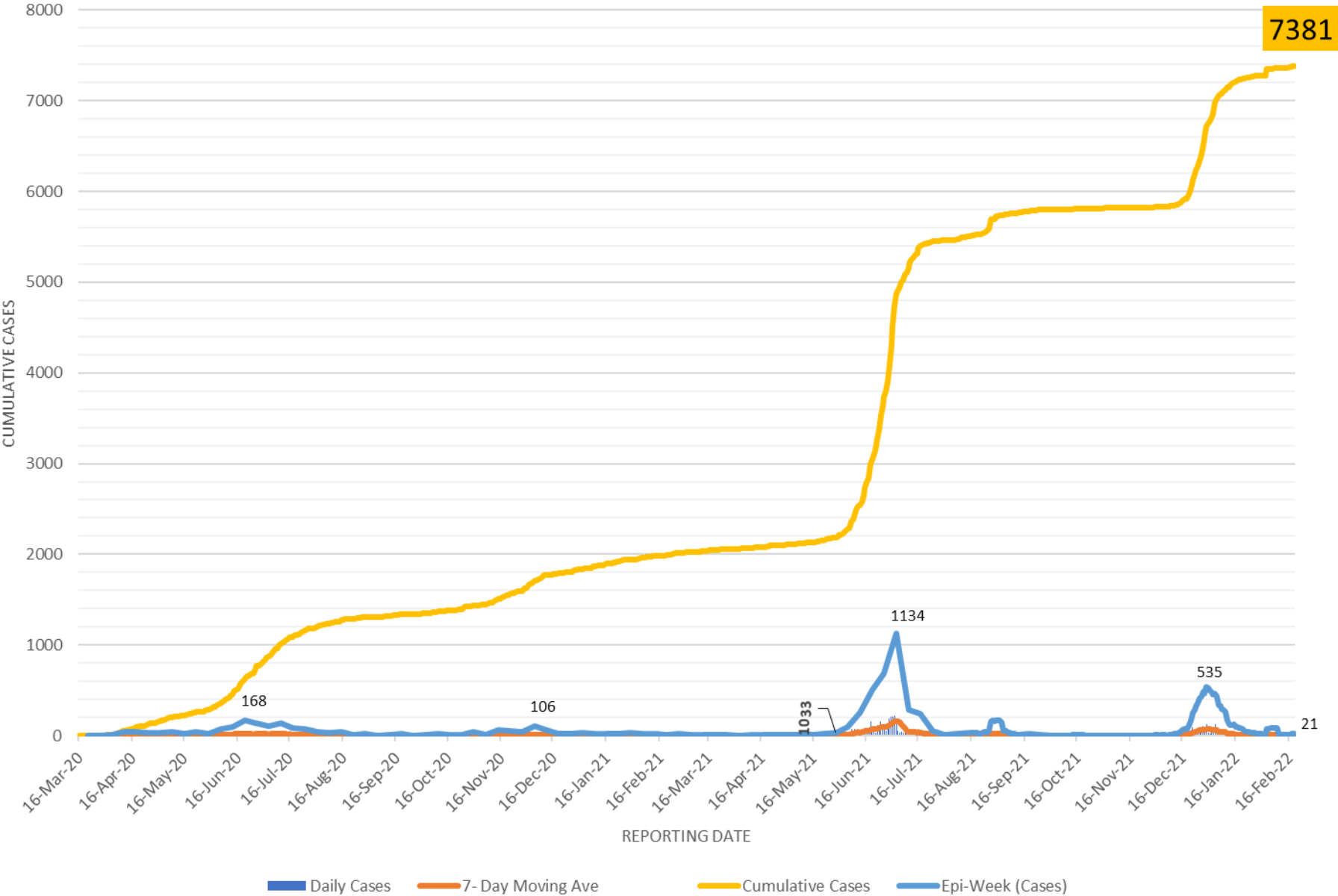
# Confirmed COVID-19 Cases by Month in Liberia - Mar 15- Feb 19, 2022 (n= 7,381)



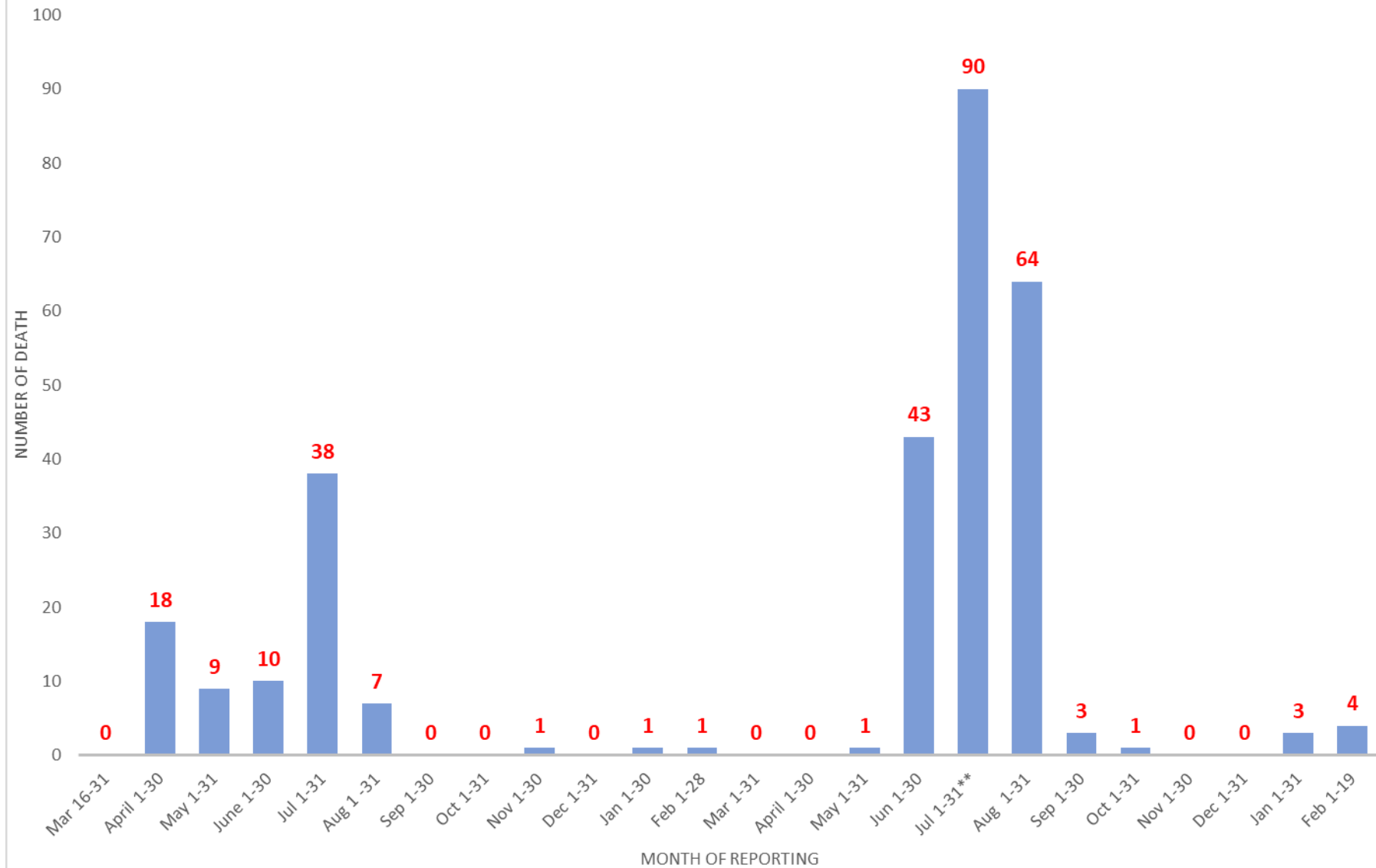
# Weekly New Positivity Rate(%) Percent Change Based on PCR Test Results for COVID-19 in Liberia, Mar 15, 2020 - Feb 19, 2022.



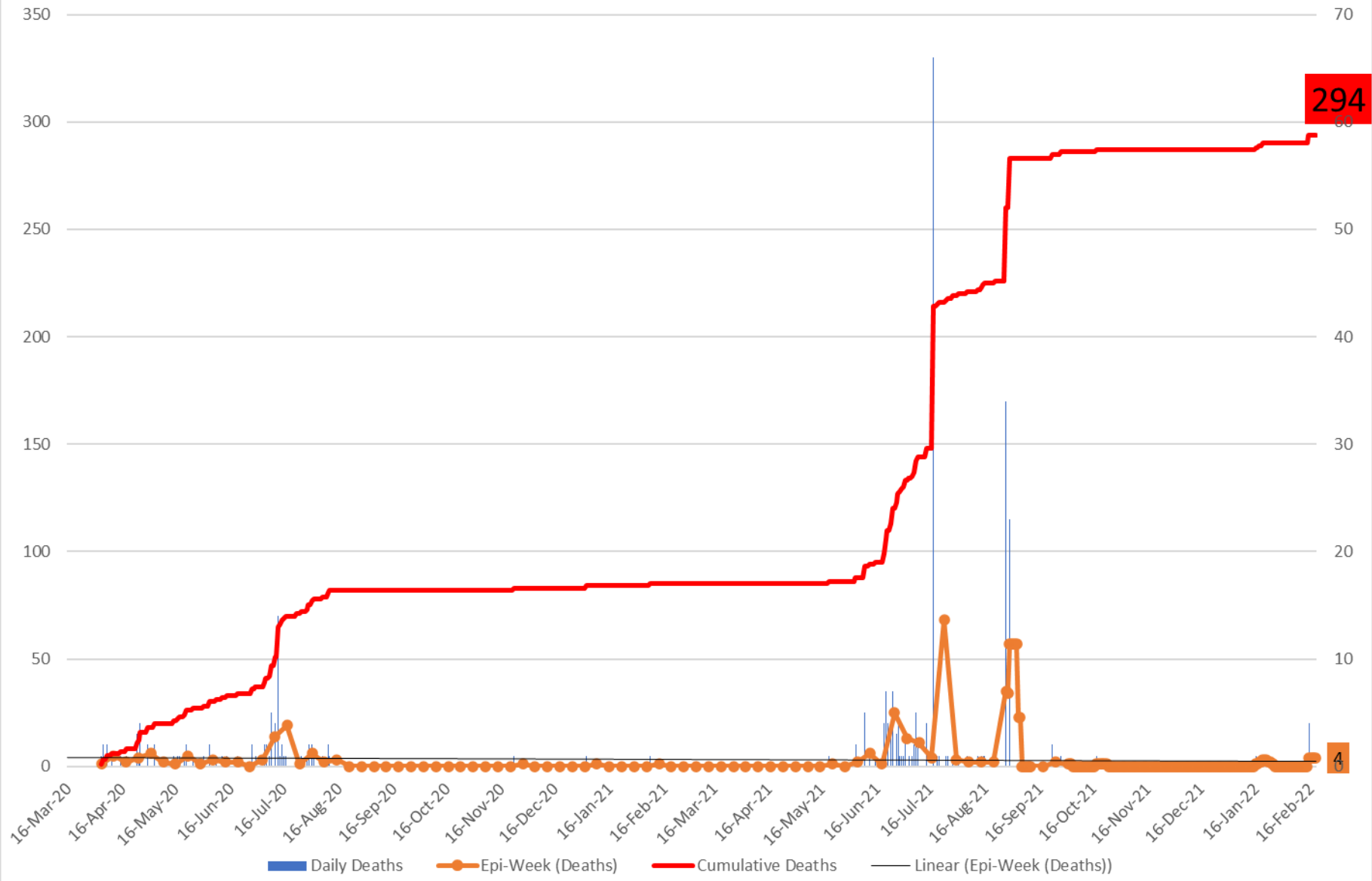
Epi-Curve of COVID-19 Cases in Liberia, Mar 16, 2020 - Feb 19, 2022



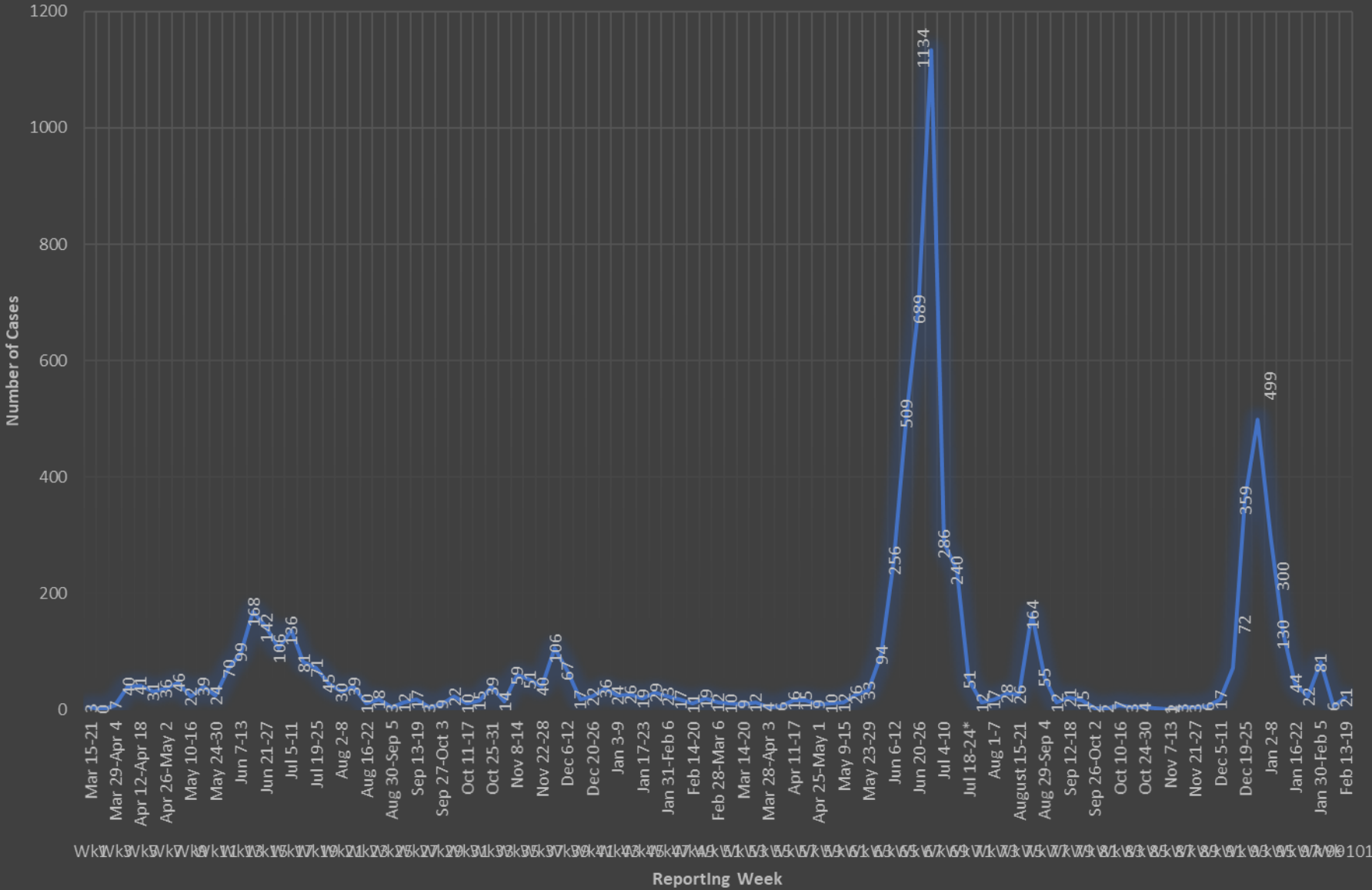
COVID-19 Reported Deaths by Month in Liberia - Mar 16, 2020 -Feb 19 , 2022  
(n= 294)



Epi-Curve of COVID-19 Deaths in Liberia, Reporting Dates - Mar 15, 2020- Feb 19, 2022 (n= 294)

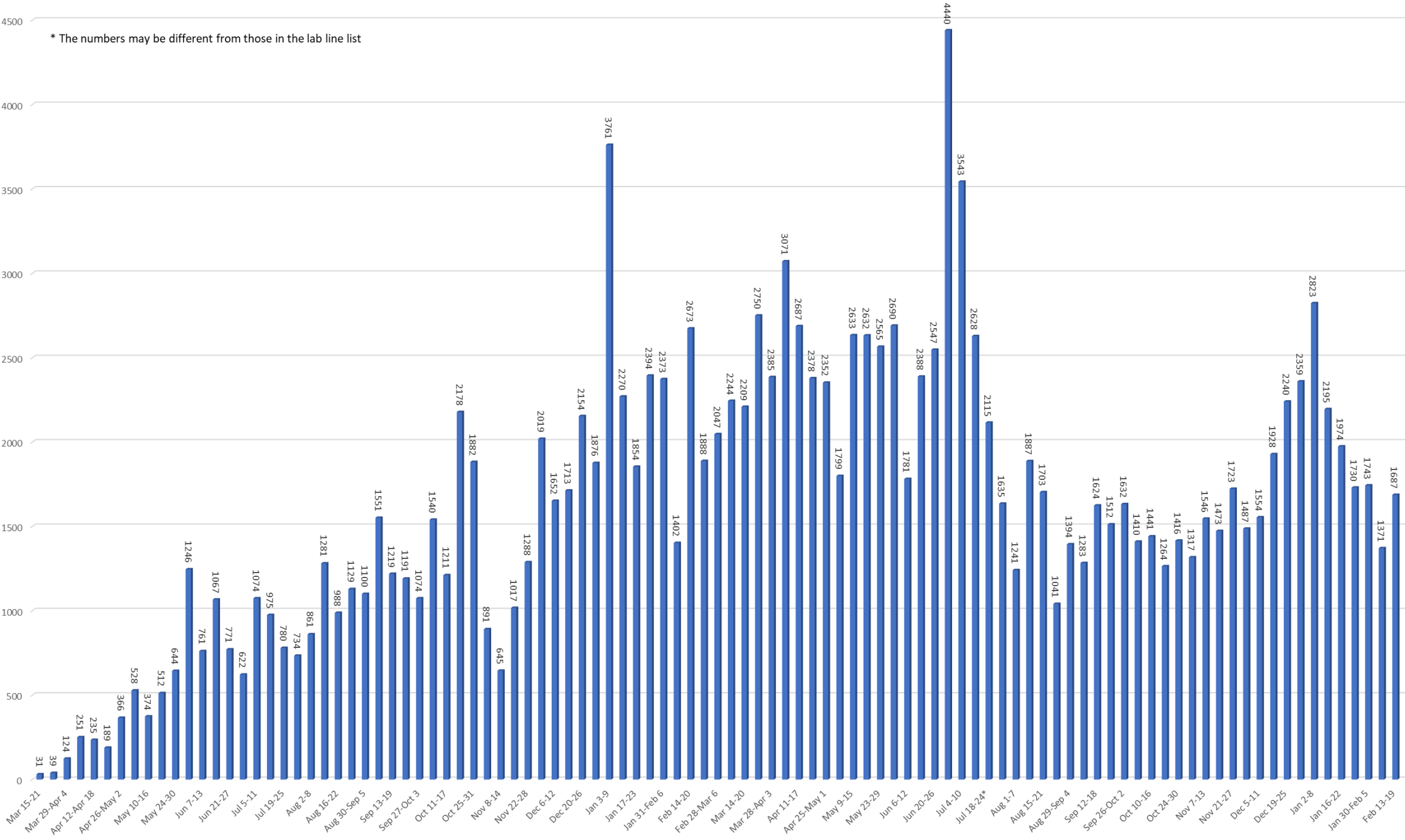


Epi-Week - Confirmed Cases of COVID-19 in Liberia,  
Mar 15, 2020 - Feb 19, 2022 (n= 7,381)



# Weekly COVID-19 Laboratory Samples Tested (Based on PCR) in Liberia\*

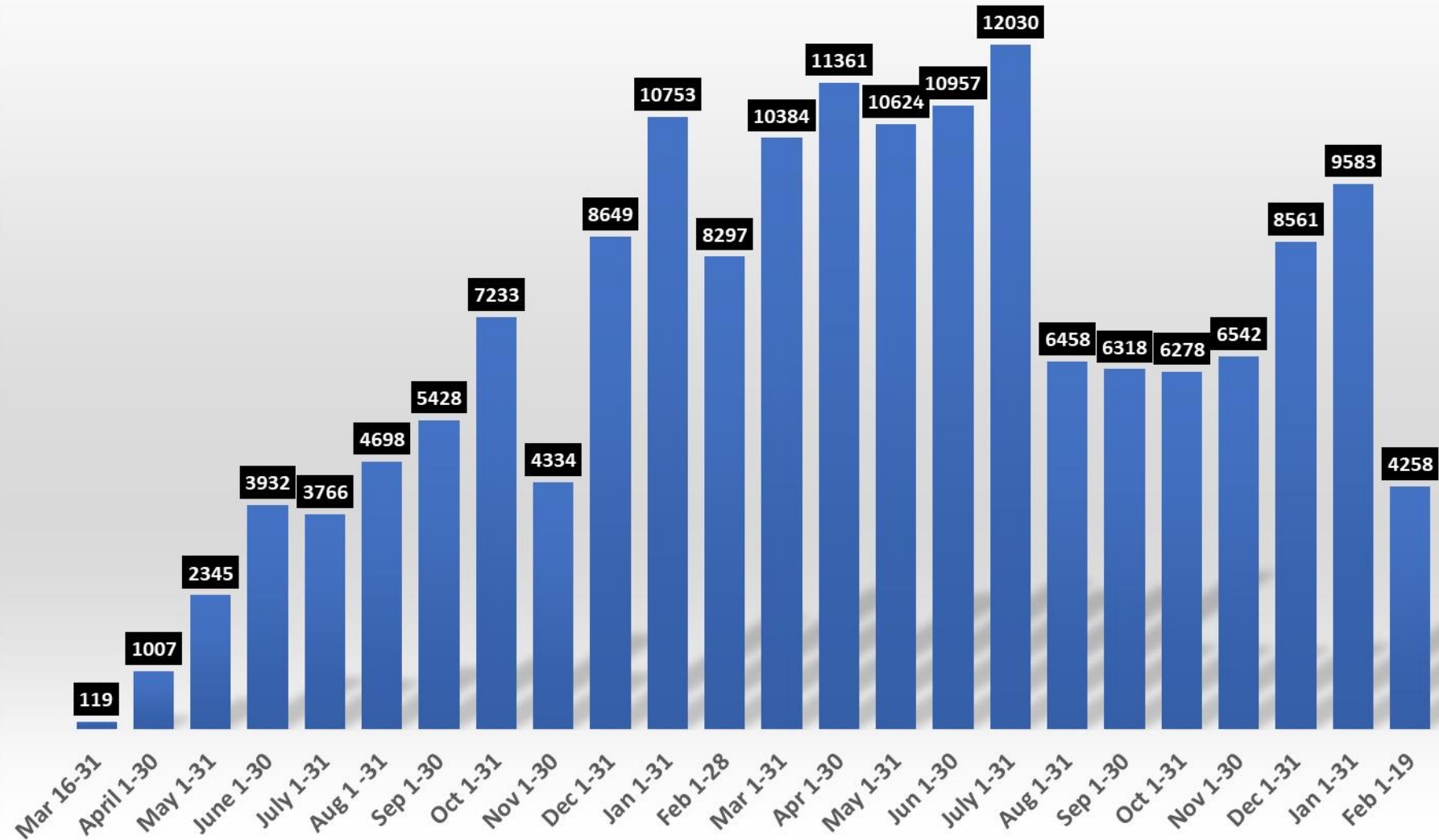
\* The numbers may be different from those in the lab line list





## PCR Laboratory Samples Tested by Month for COVID-19 in Liberia, Mar 10, 2020 - Feb 19, 2022 (n= 163,915 )\*

\* Total from SitRep after de-duplication that exclude pending samples. This number may differ when compared with the Lab line list.



# Monthly Trends for COVID-19 Samples Tested, New Positives, and Positivity (%) in Liberia

