

# COVID-19 Report

— Last Updated 2020-05-22 08:14:44.272780

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## Report Layout

This report is divided into three major sections displaying data and visualizations regarding COVID-19. All tables and visualizations are made possible with data generously provided by [The COVID Tracking Project](#).<sup>\*</sup> All data is published under a [Creative Commons CC BY-NC-4.0](#) license. Please note that the Data API uses multiple sources in its data collection for each state. Each state has its own set of caveats, and they can be found [here](#).

The first section is aimed at the United States as a whole. It contains information about new daily cases, overall confirmed cases, and the number of individuals who have been tested.

The second section is a comparison of all states with schools in the NCAA Southeastern Conference (SEC). This section can be used to help showcase the current state of COVID-19 in the southeastern United States.

The third section shows information about each state in the SEC individually. Included here is an additional set of charts showing the daily increases of the counties in which the SEC schools are located. These charts help give a hyper-local view of COVID-19.

<sup>\*</sup>Data for individual state counties was not available via the Data API and was manually curated from multiple online sources.

## Terminology

- **Chart: Daily Increase of Positive Cases**  
This type of plot shows the number of new confirmed cases each day. A line with a level or negative slope can indicate that the rate of spread is either being managed or slowed. Since the number of new cases can vary from day to day due to reporting deficiencies both a 14 day and 30 day moving average are charted to help reduce noise, or the choppiness, of the data.
- **Chart: Confirmed Cases**  
This type of plot shows the total number of confirmed cases over time. This line will plateau once the virus is no longer spreading.
- **Moving Average**  
A moving average is an indicator used in technical analysis to help smooth out "noise" from a chart with short-term fluctuations. It is considered a trend following, or lagging, indicator because it is based on past prices. However, a combination or short and long term moving averages are often used to help predict, but not guarantee, where a chart will head.

## Notes

- States with the fastest increasing rate of cases:
  - South Dakota
  - Arkansas
  - Maine
- States to watch:
  - Georgia
    - Made some of the earliest and most extensive moves to loosen restrictions.
    - Shelter-in-place order ended April 30, except for vulnerable populations.

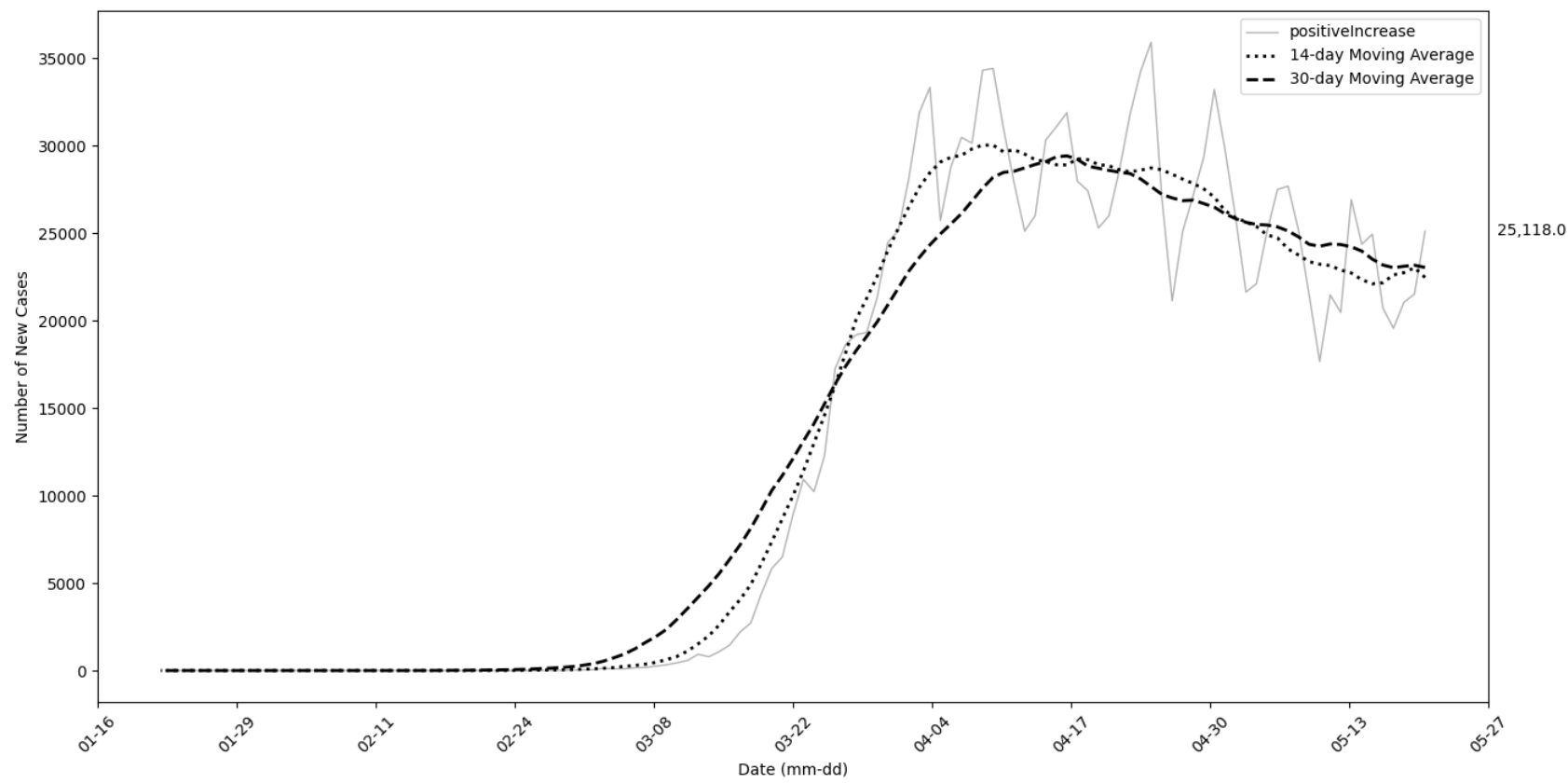
## Disclaimer

The accuracy of the data in this document can only be as accurate as its source. The COVID Tracking Project has [rated](#) the accuracy of all states and territories they provide through their Data API. With the exception of Arkansas (C rating), all states used in this document were rated at least B, with many rated as A+.

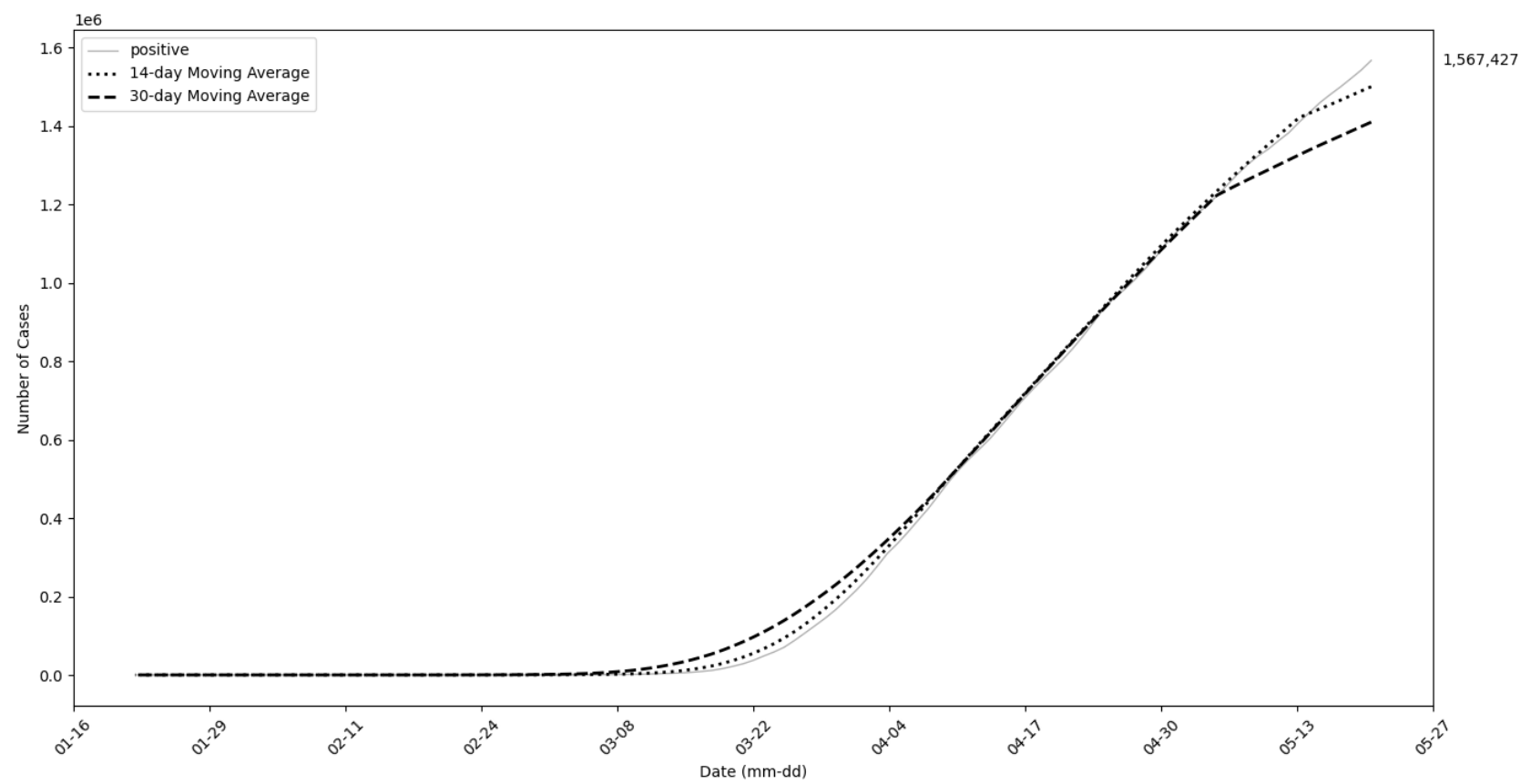
## United States

<div>Confirmed Cases</div> <div>1,567,427</div>	<div>Deaths</div> <div>88,985</div>	<div>Tested</div> <div>13,056,206</div> <div></div> <div>0.04% of population</div>
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US Daily Increase of Positive Cases

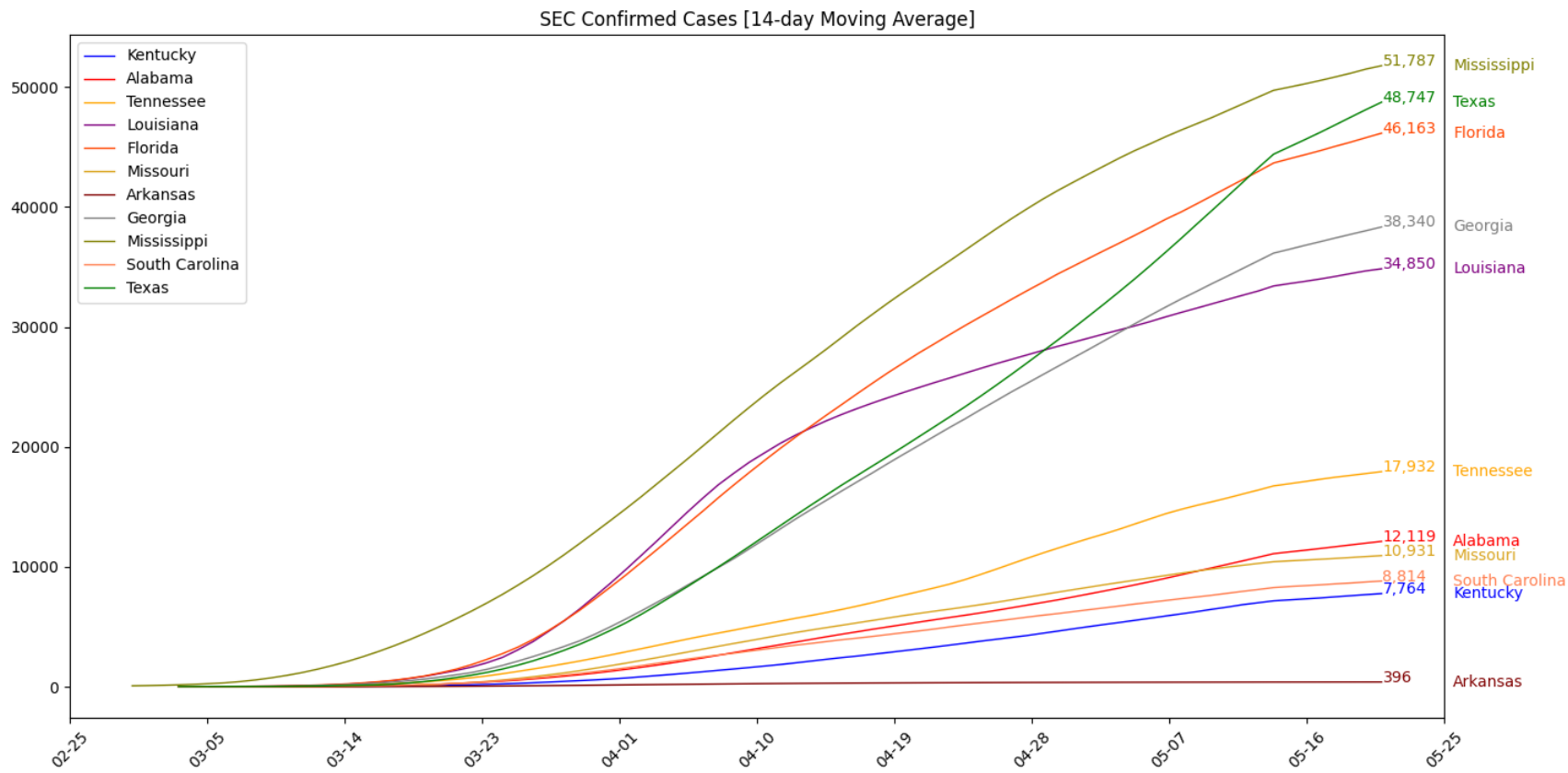
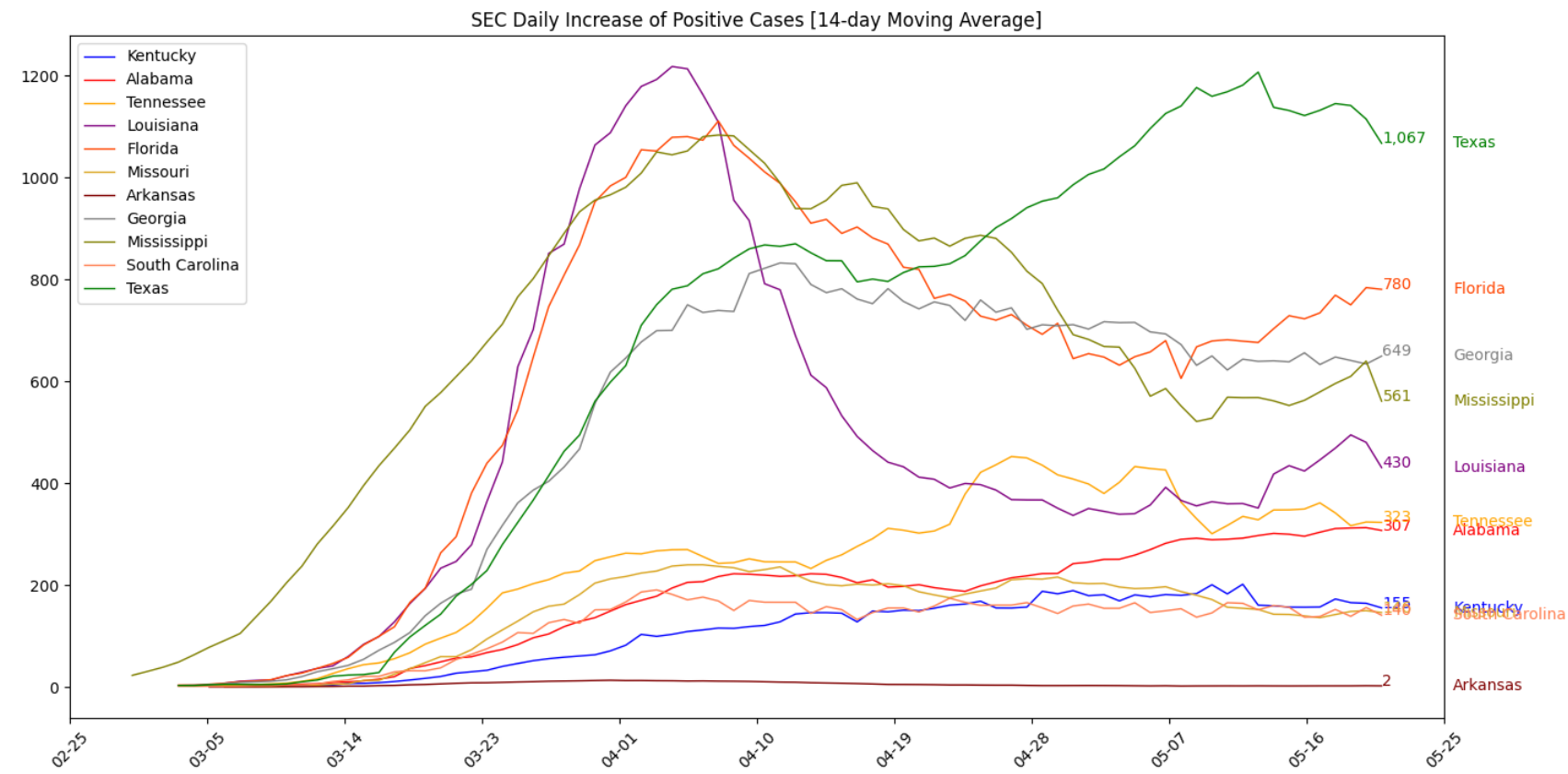


US Confirmed Cases



# Southeastern Conference

Most states in the SEC seem to be "flattening their curve". After a large spike of cases in early April, the rate of new cases has begun to stabilize. It should be remembered that as testing capacity and availability increases, the number of new daily cases may also increase.



# Kentucky

— Data Quality Grade: A

Confirmed Cases

8,167

Deaths

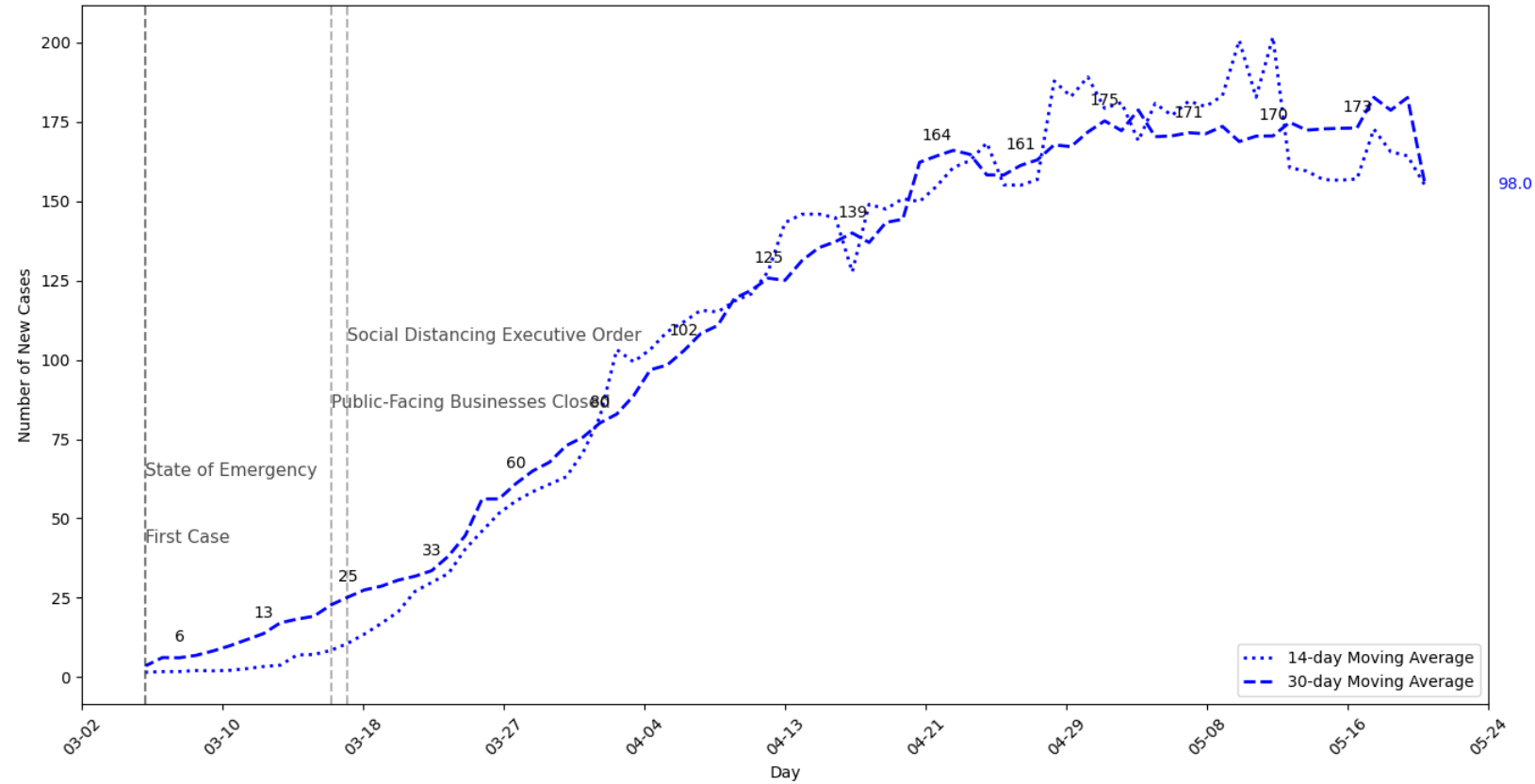
376

Tested

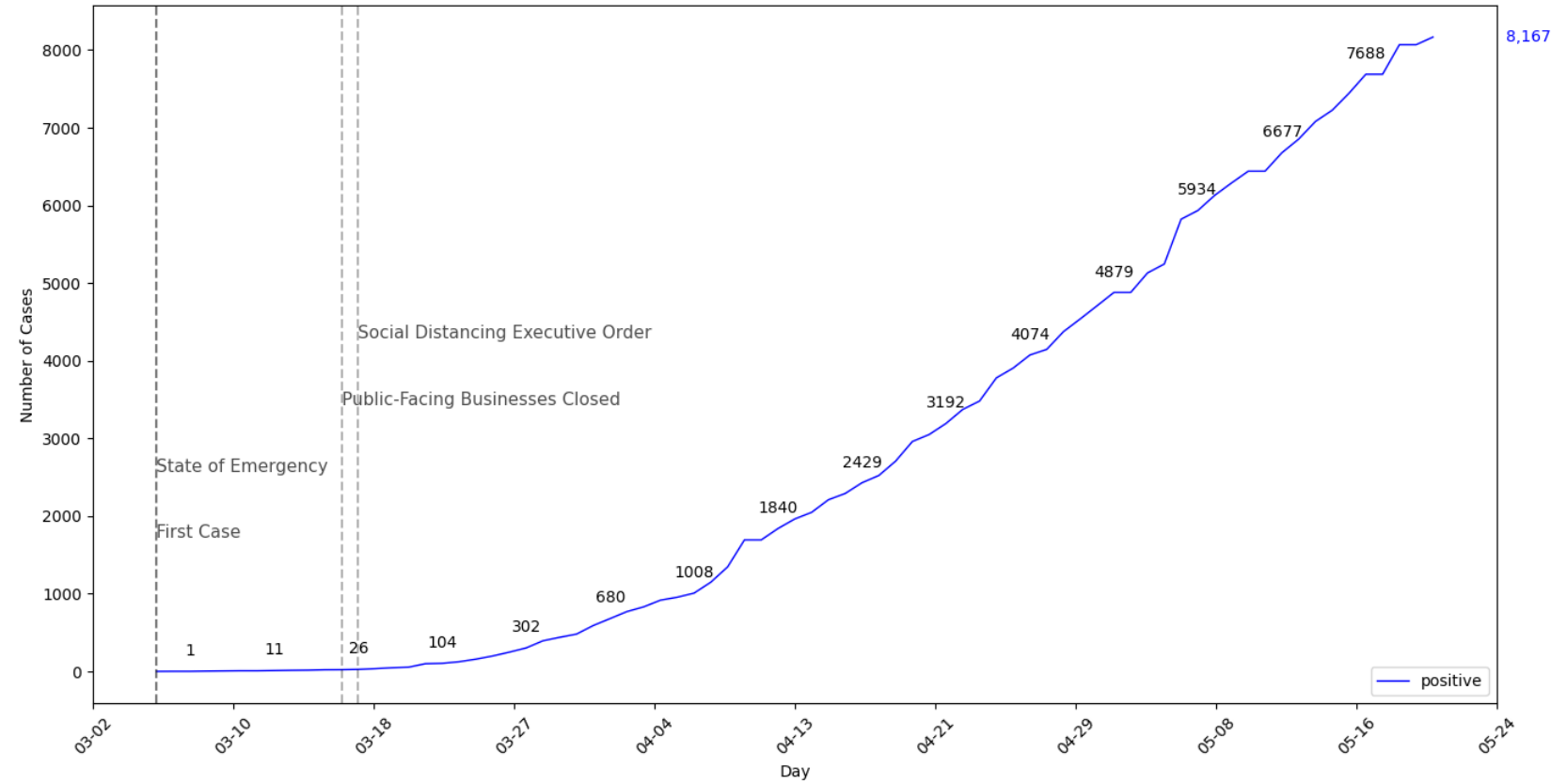
158,672

0.04% of population

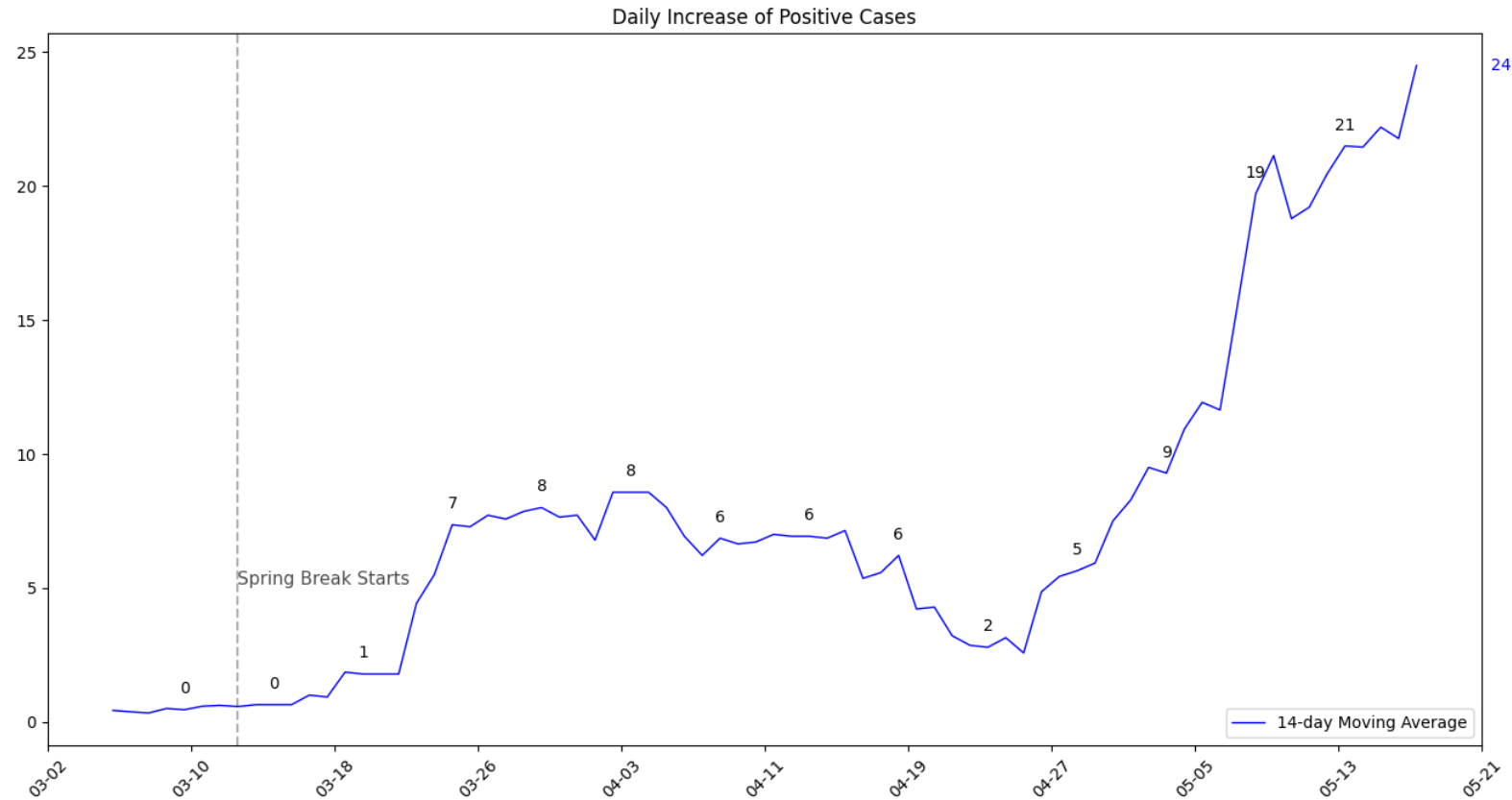
Kentucky Daily Increase of Positive Cases



Kentucky Confirmed Cases



University of Kentucky - Fayette County



# Alabama

— Data Quality Grade: B

## Confirmed Cases

13,119

## Deaths

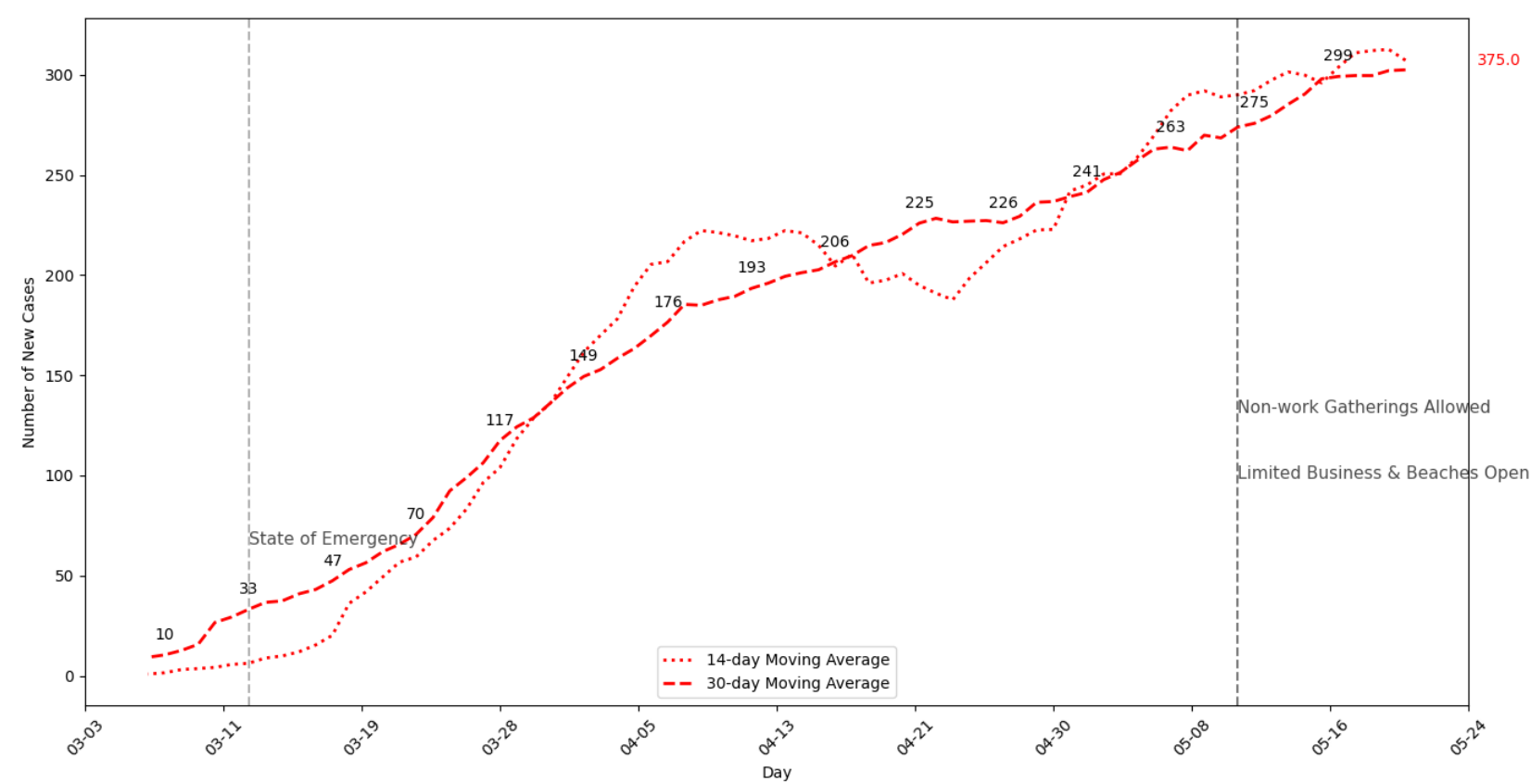
529

## Tested

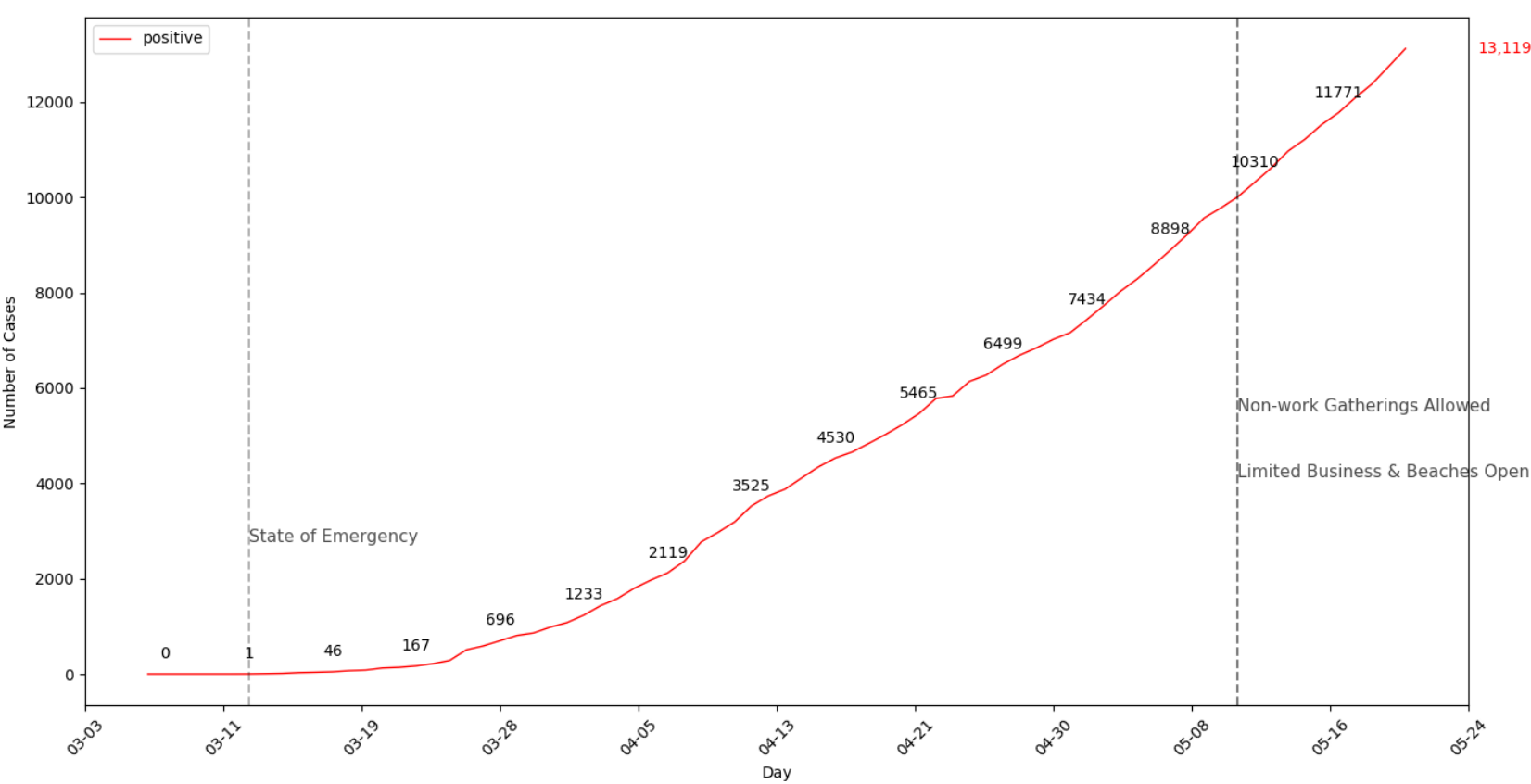
170,739

0.04% of population

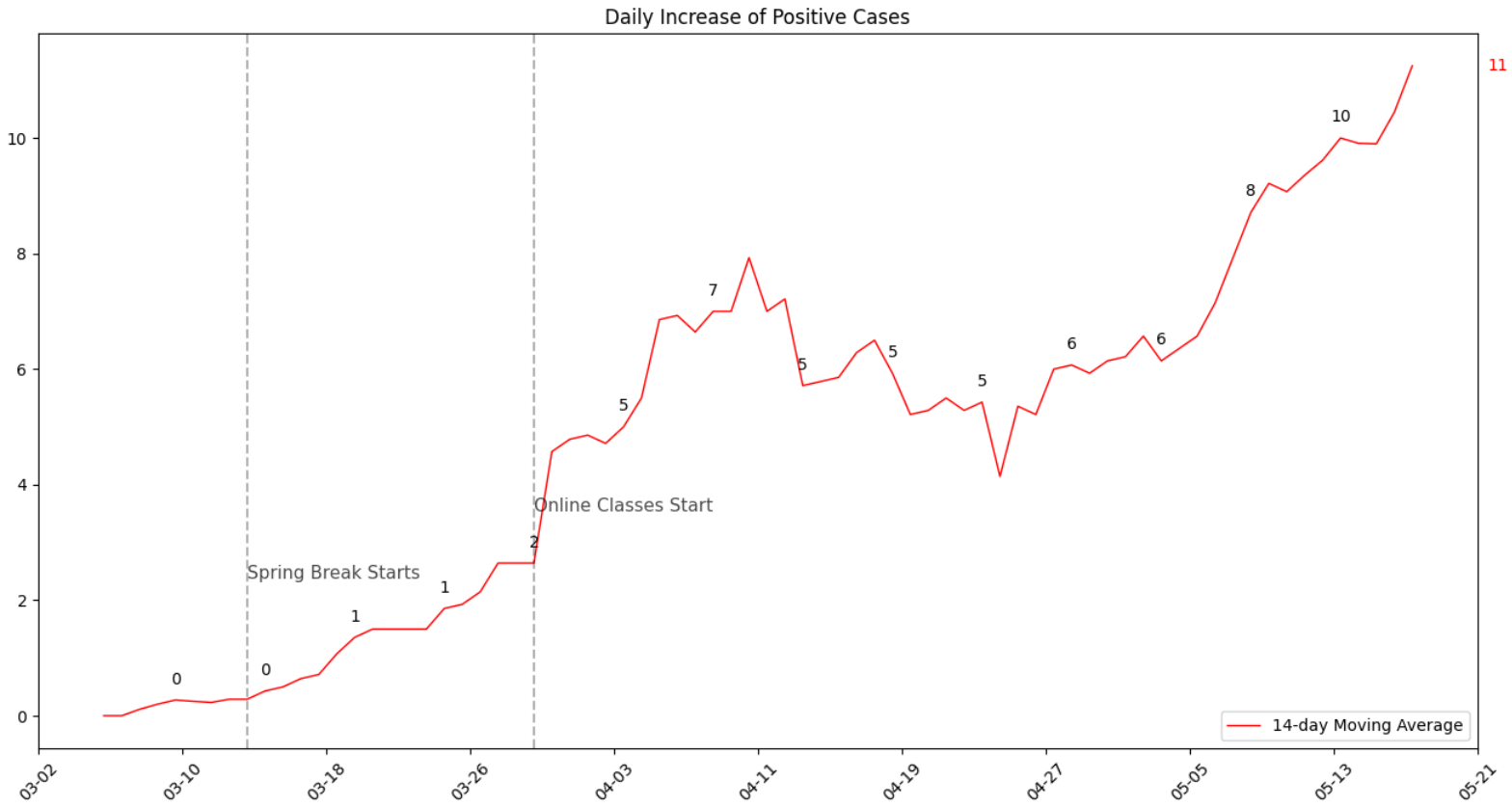
Alabama Daily Increase of Positive Cases



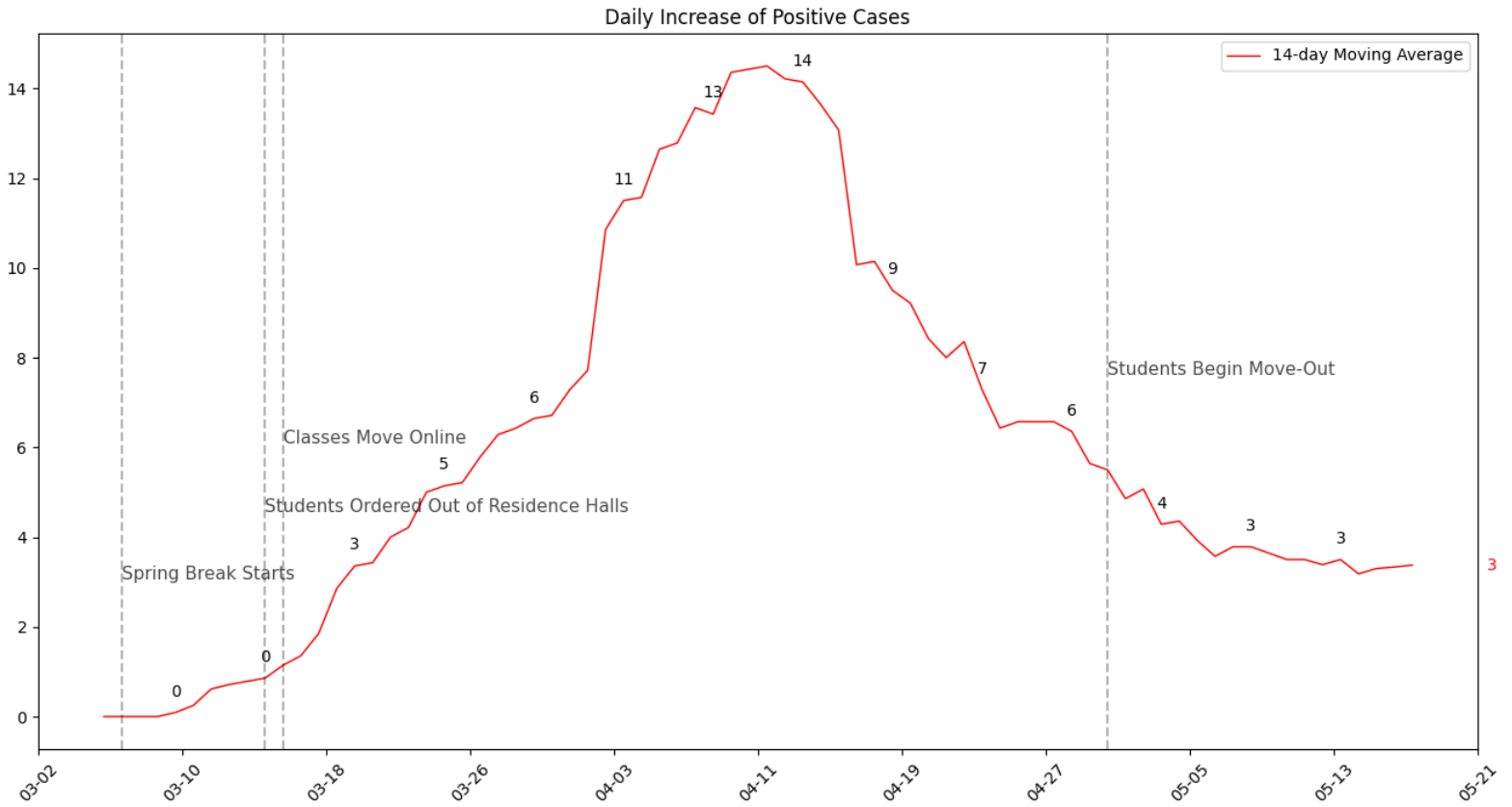
Alabama Confirmed Cases



Alabama State University - Tuscaloosa



Auburn University - Lee County



Tennessee

— Data Quality Grade: B

Confirmed Cases

18,961

Deaths

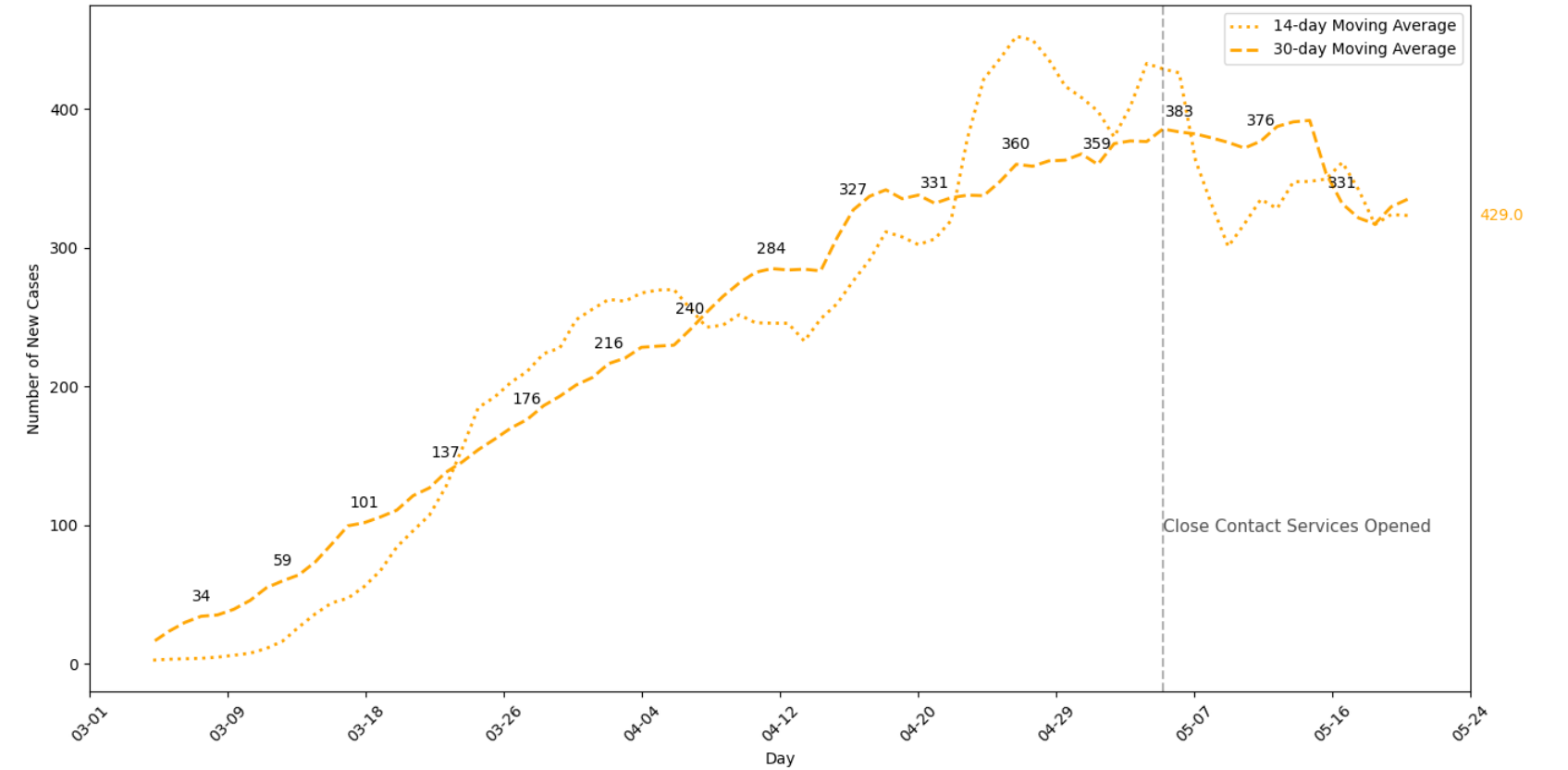
313

Tested

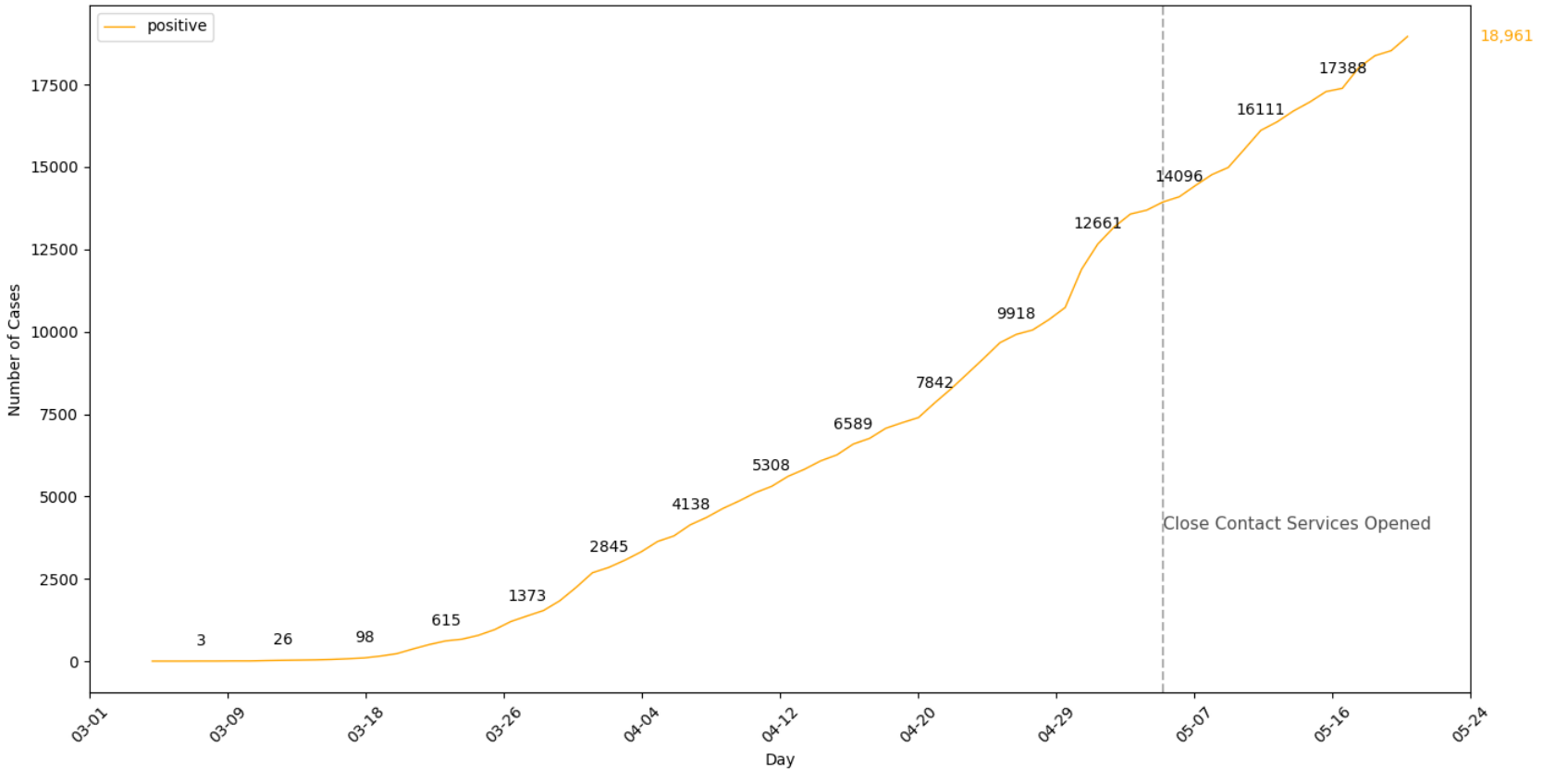
360,583

0.05% of population

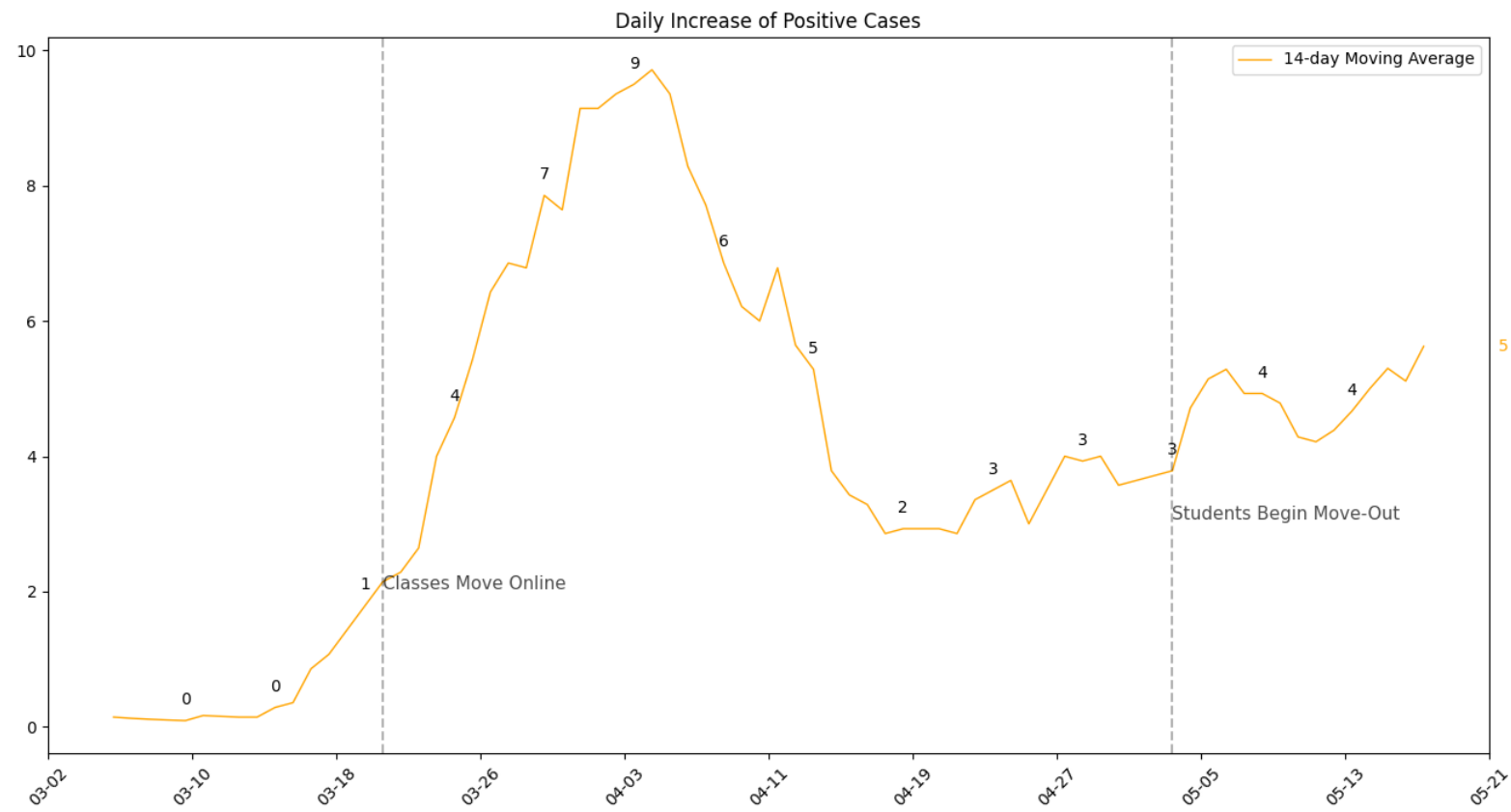
Tennessee Daily Increase of Positive Cases



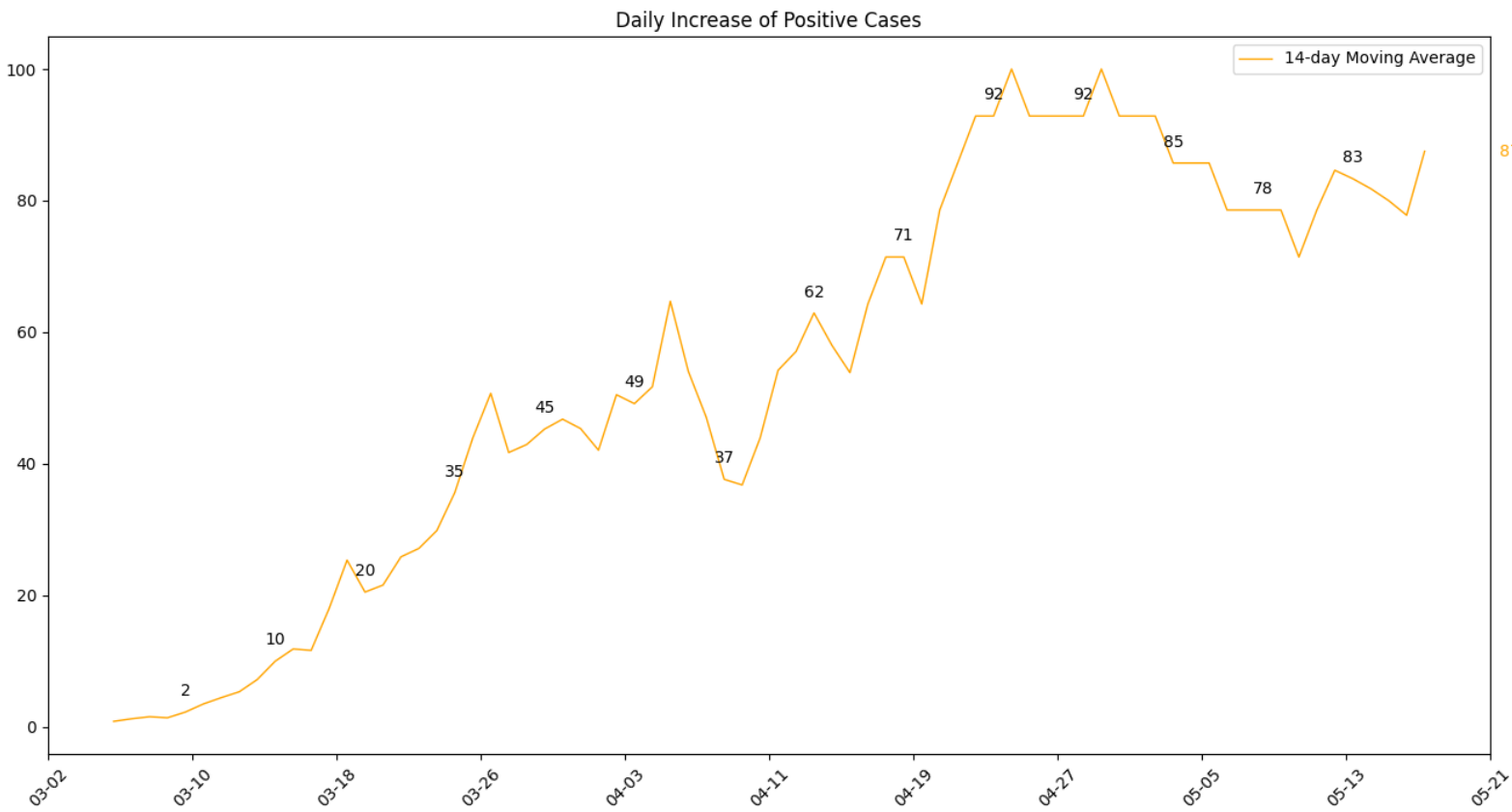
Tennessee Confirmed Cases



University of Tennessee - Knoxville



Vanderbilt University - Davidson County



Louisiana

— Data Quality Grade: B

Confirmed Cases

36,504

Deaths

2,629

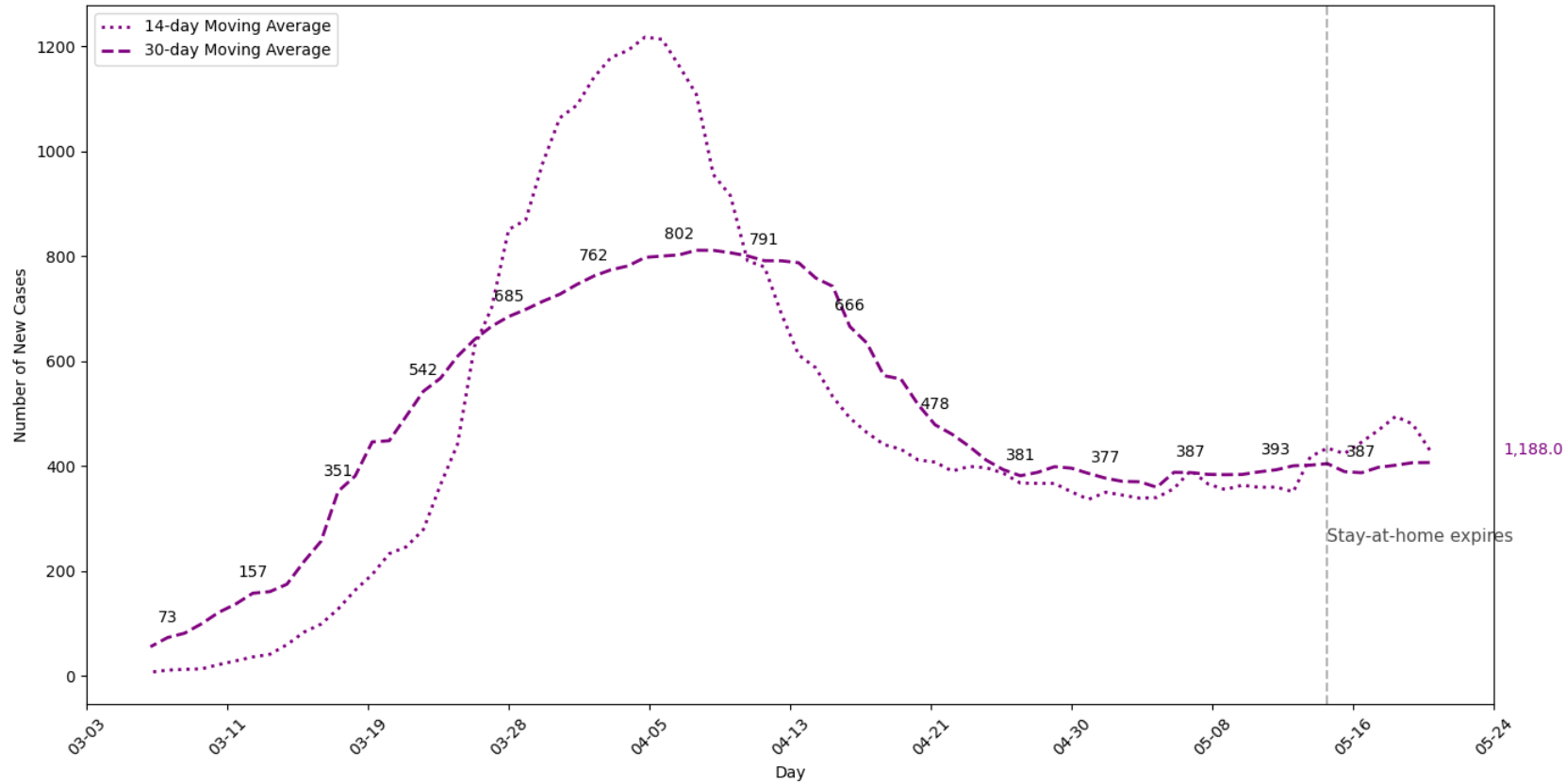
Tested

305,381

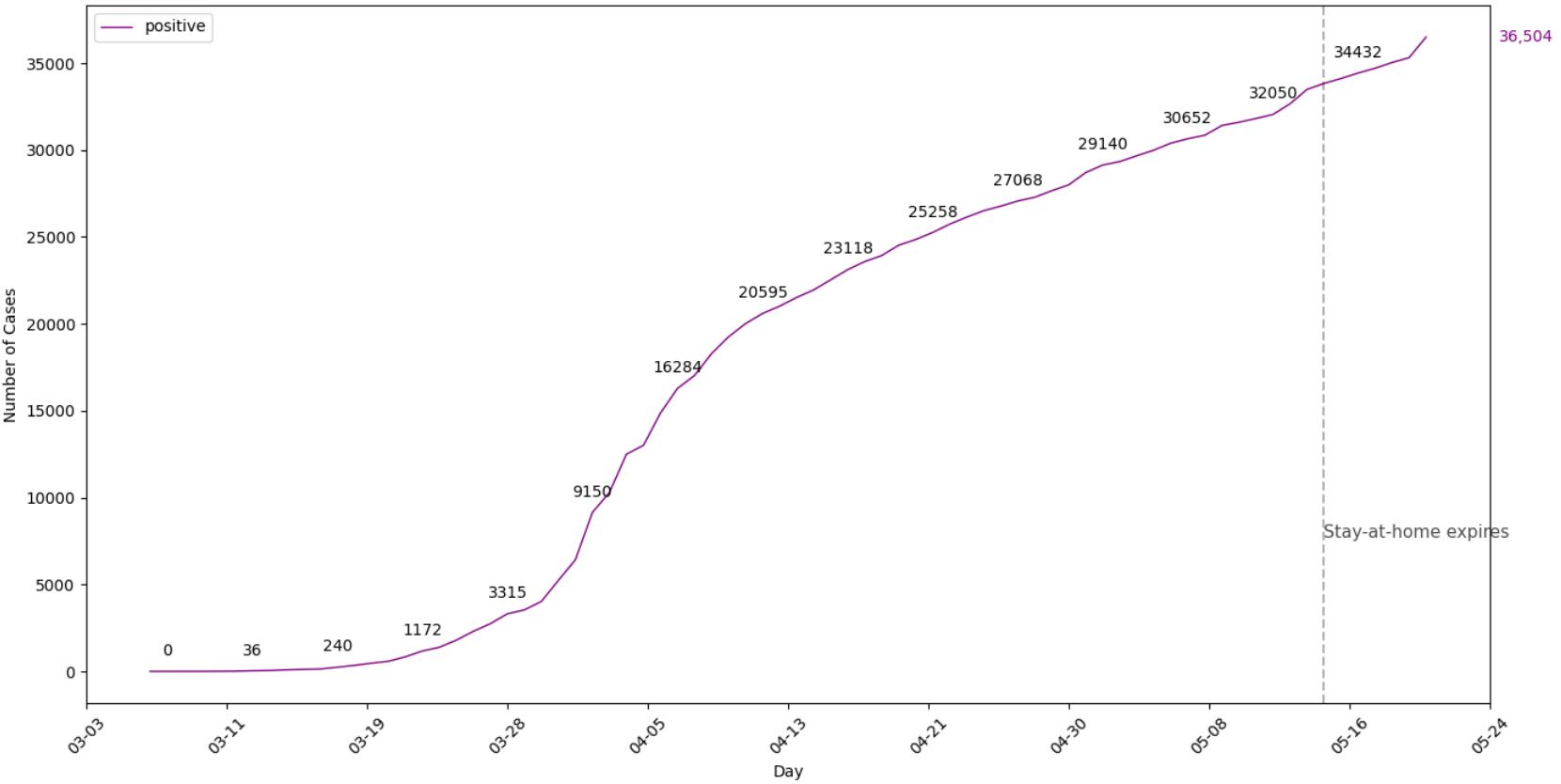
0.07% of population



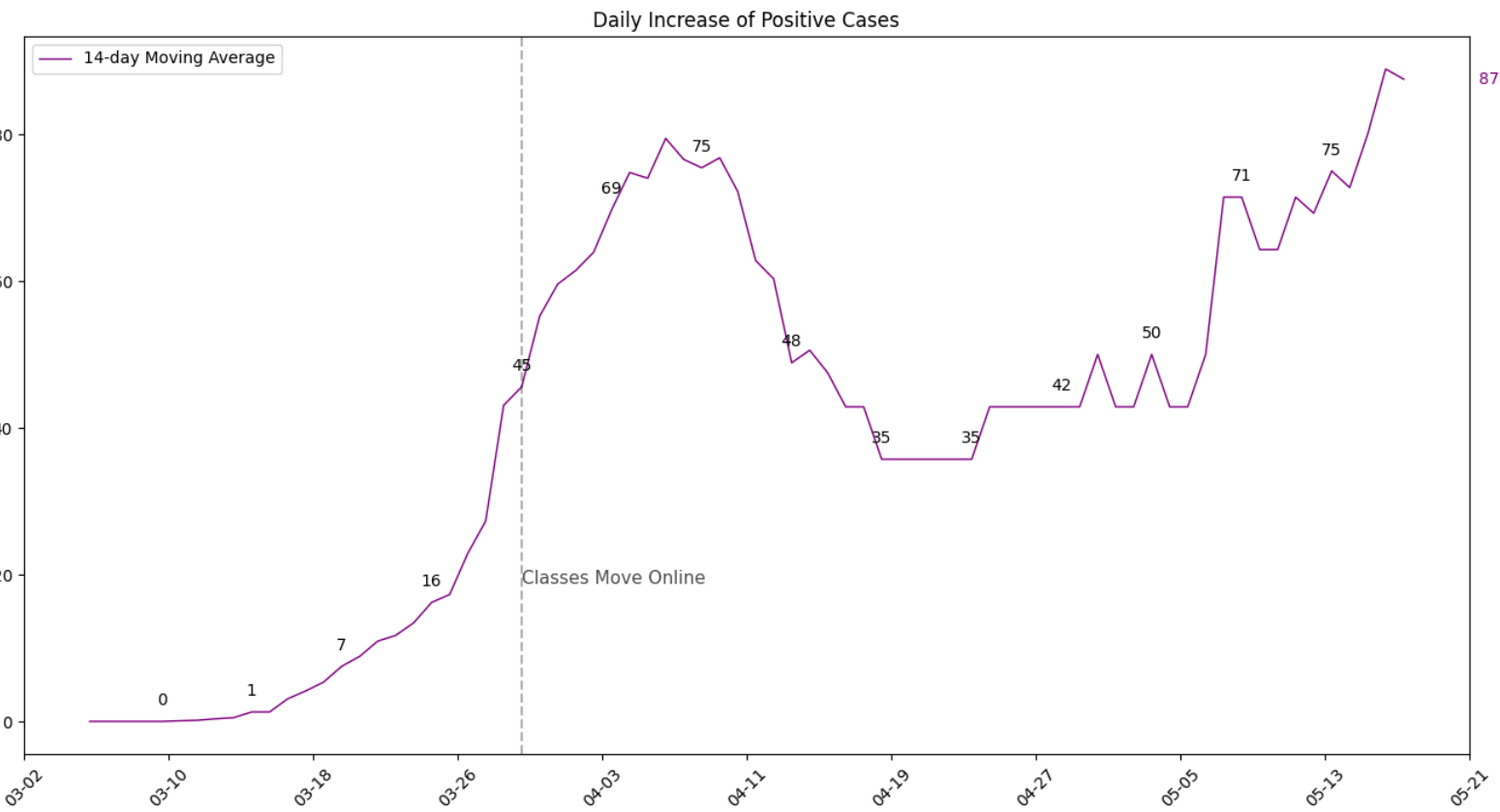
Louisiana Daily Increase of Positive Cases



Louisiana Confirmed Cases



Louisiana State University - East Baton Rouge



# Florida

— Data Quality Grade: A

## Confirmed Cases

48,675

## Deaths

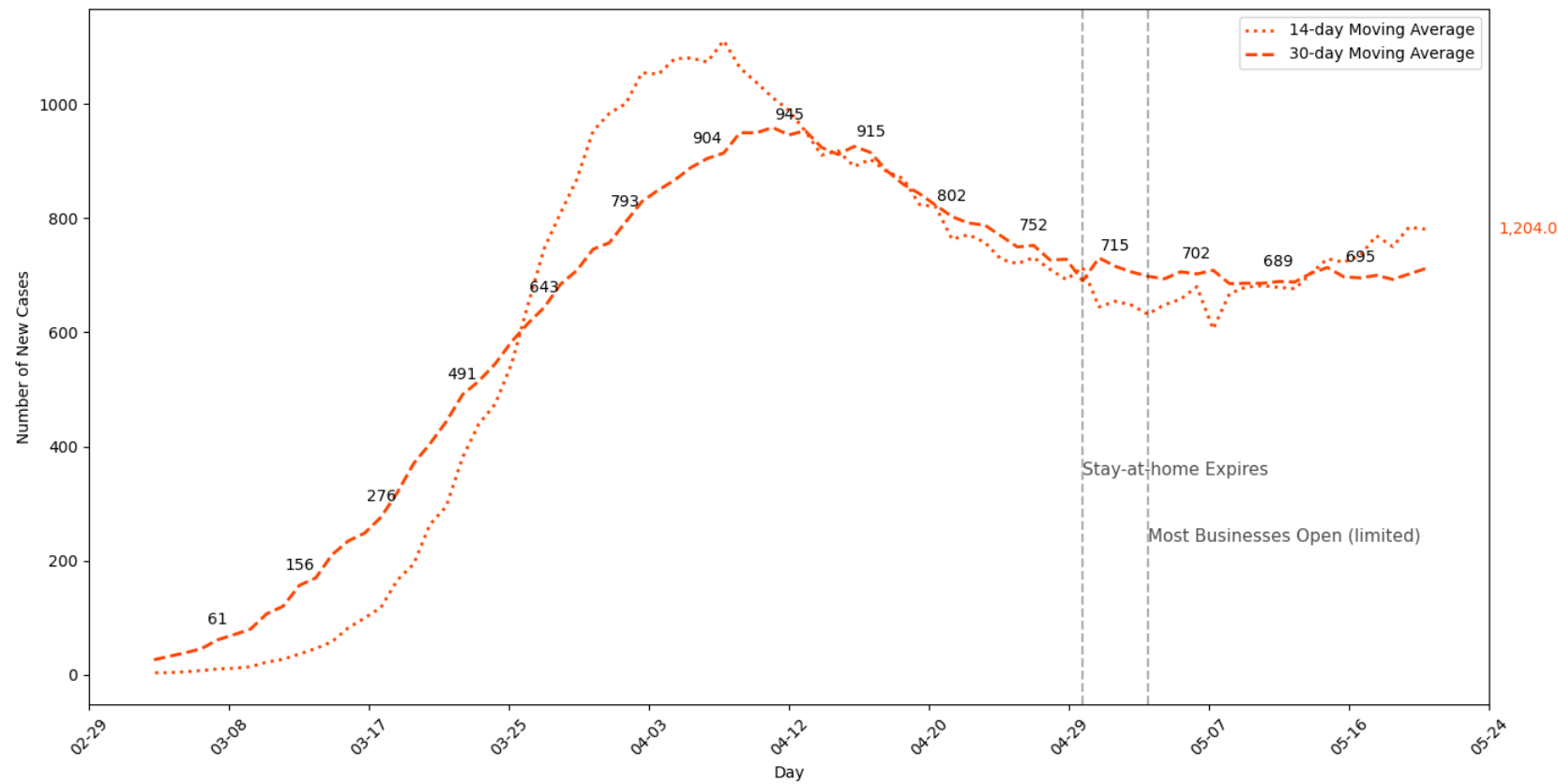
2,222

## Tested

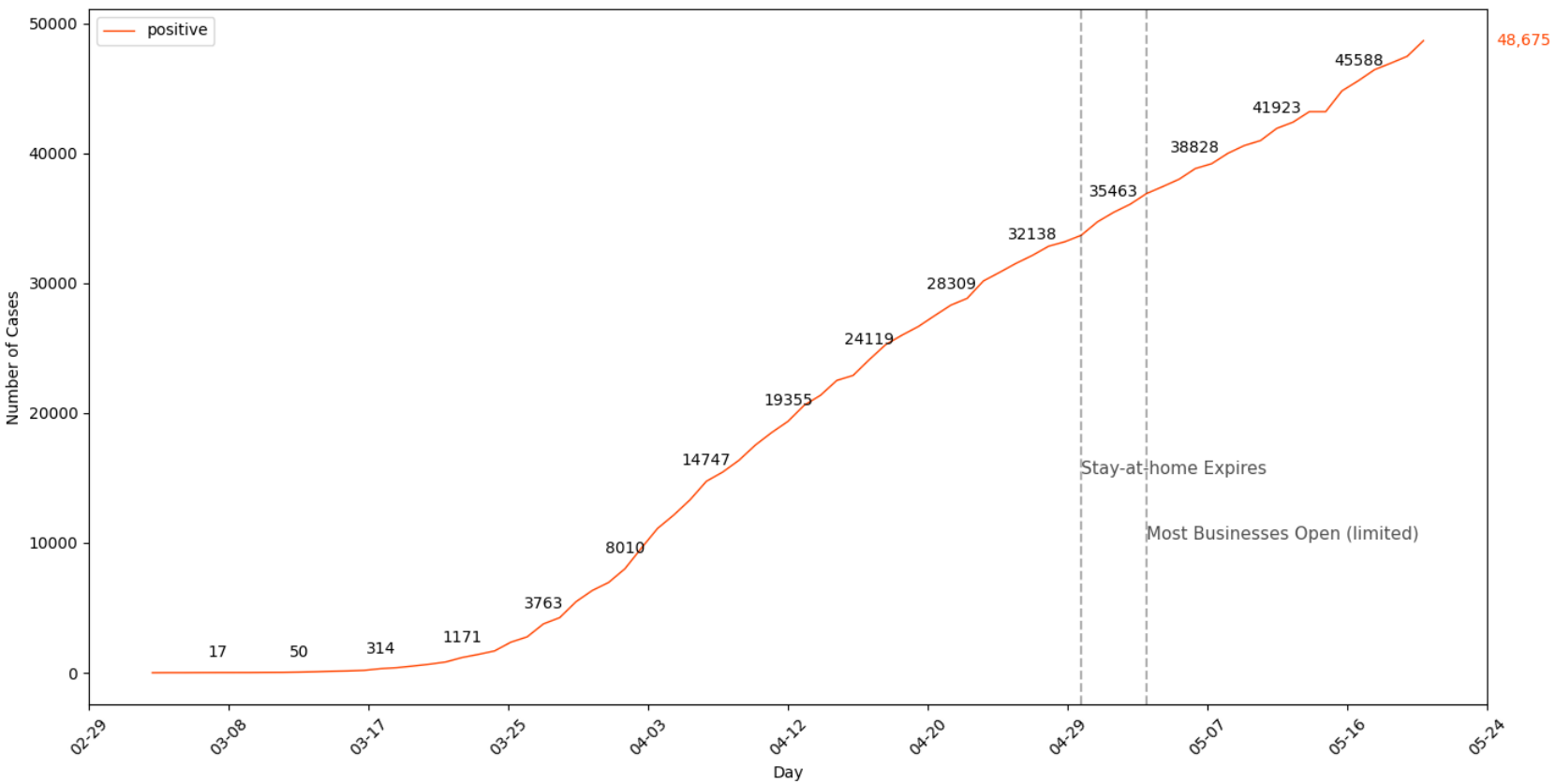
813,929

0.04% of population

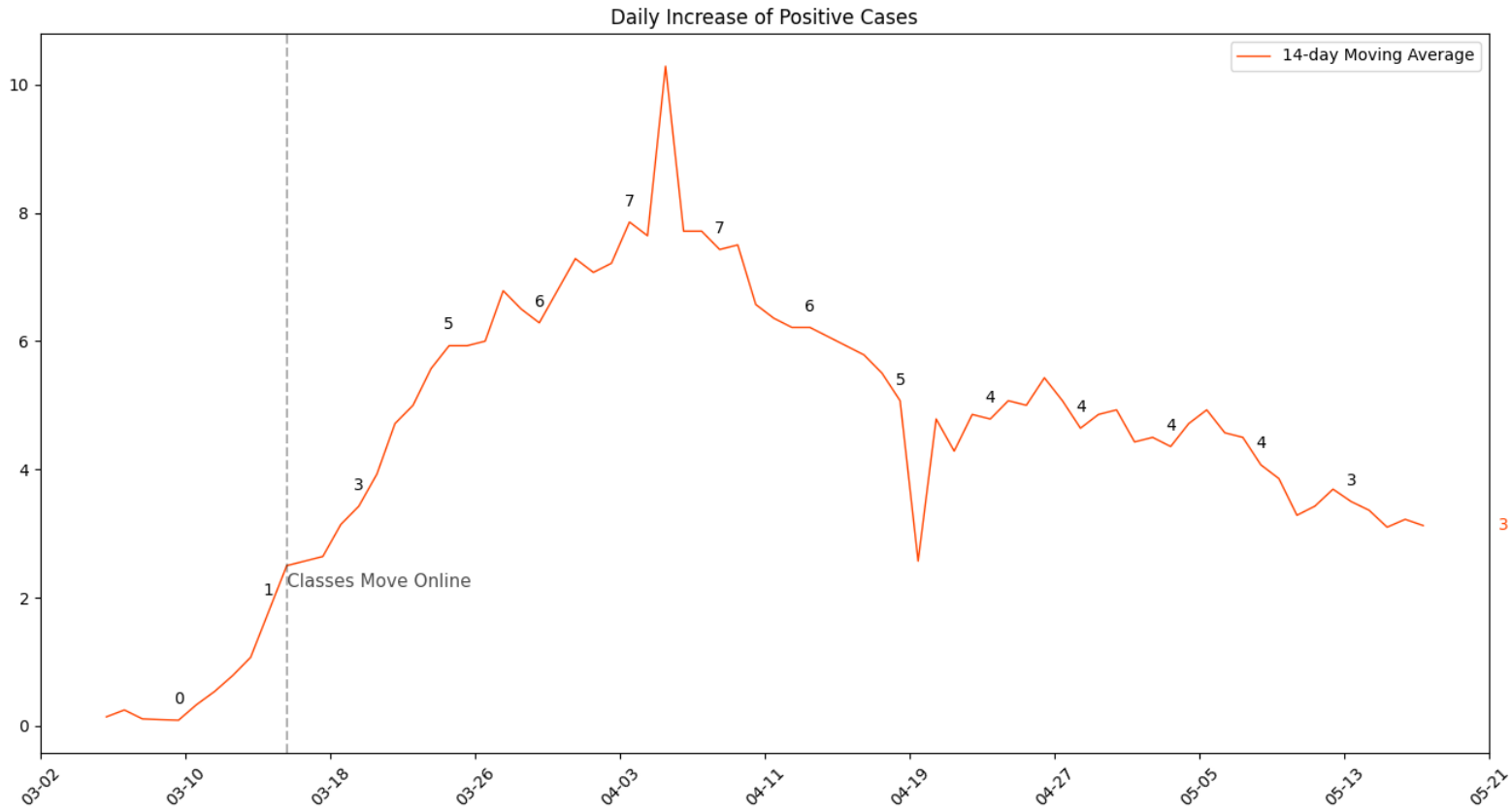
Florida Daily Increase of Positive Cases



Florida Confirmed Cases



University of Florida - Alachua County



Missouri

— Data Quality Grade: B

Confirmed Cases

11,340

Deaths

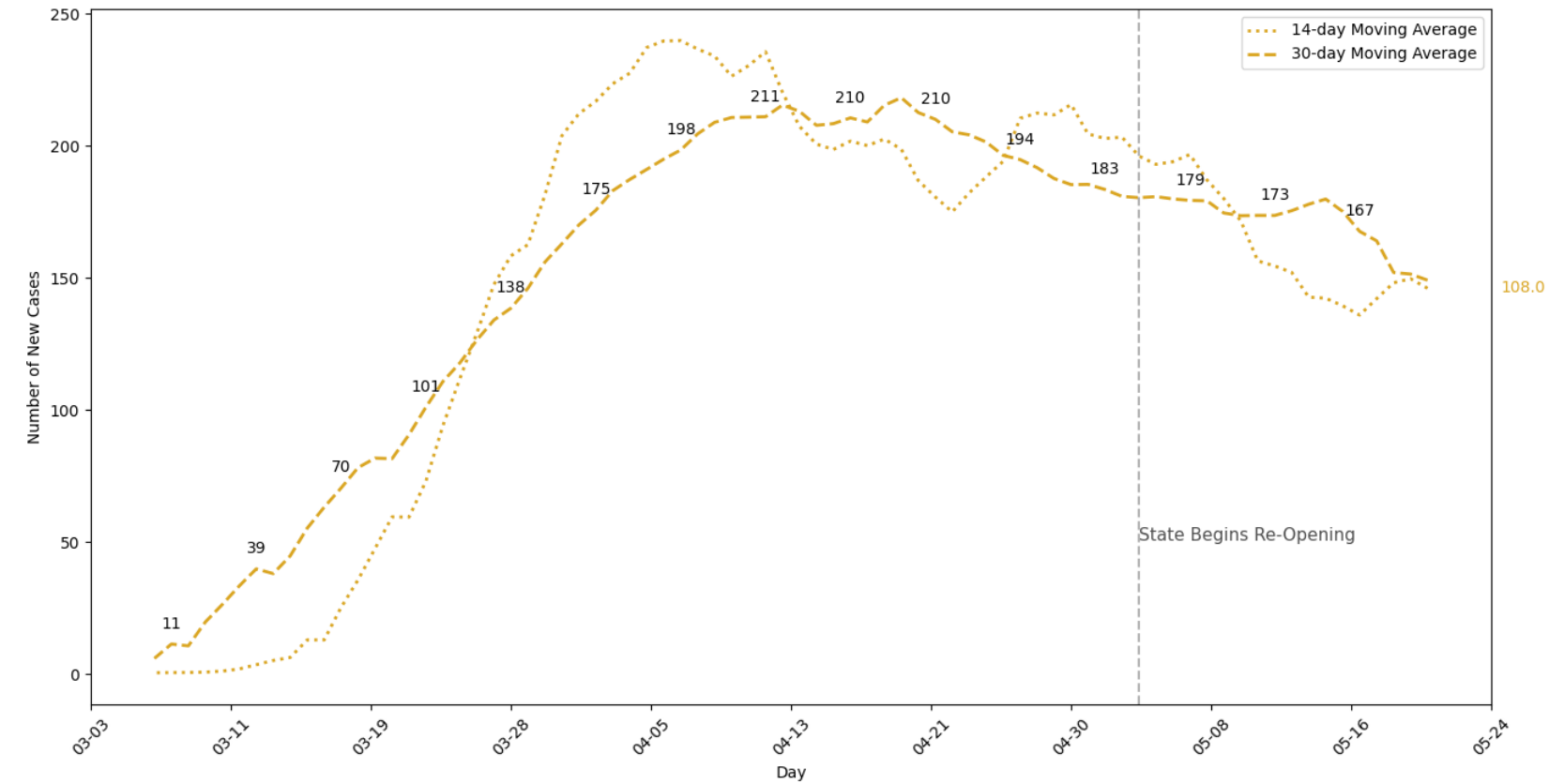
661

Tested

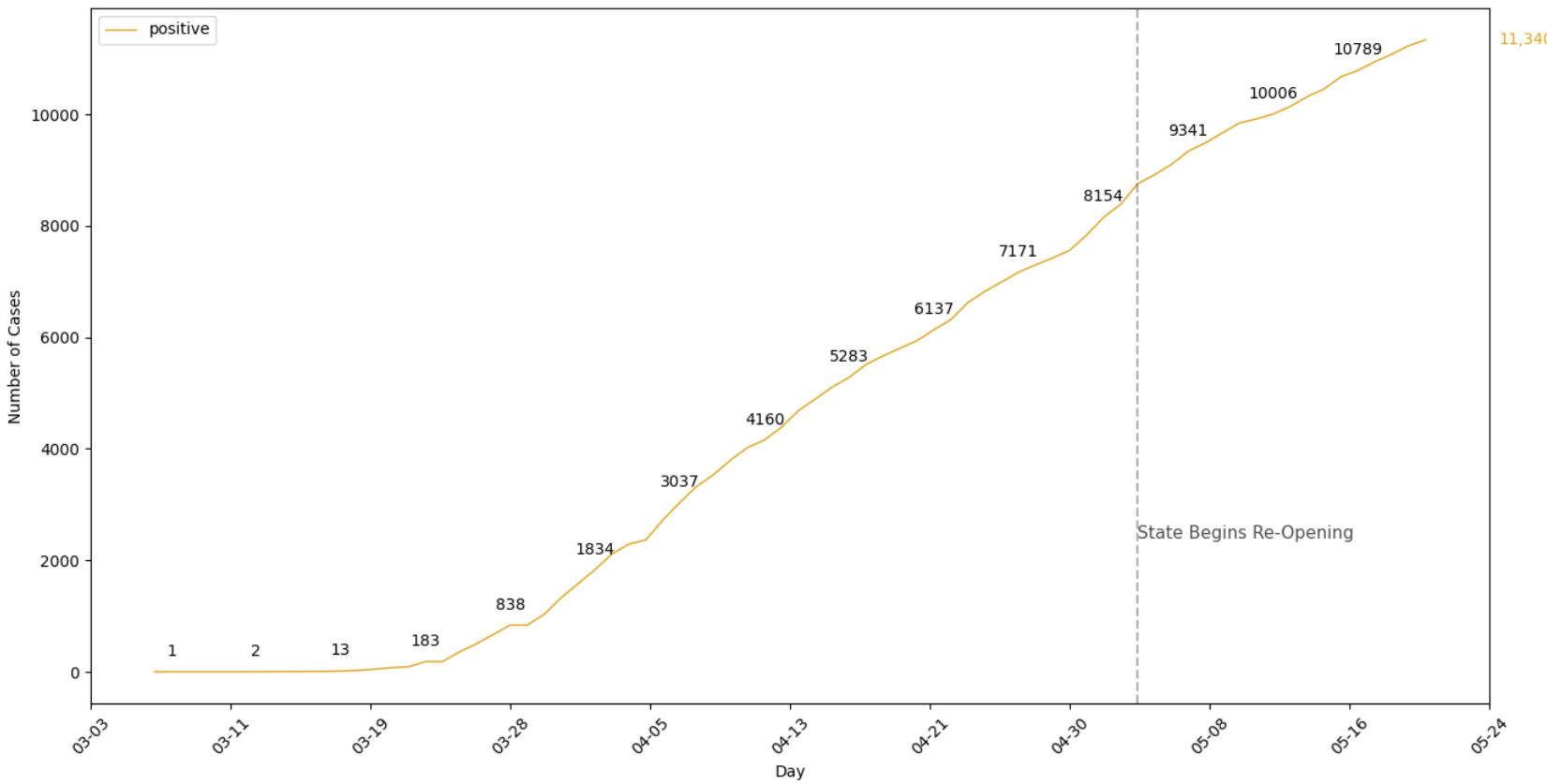
162,092

0.03% of population

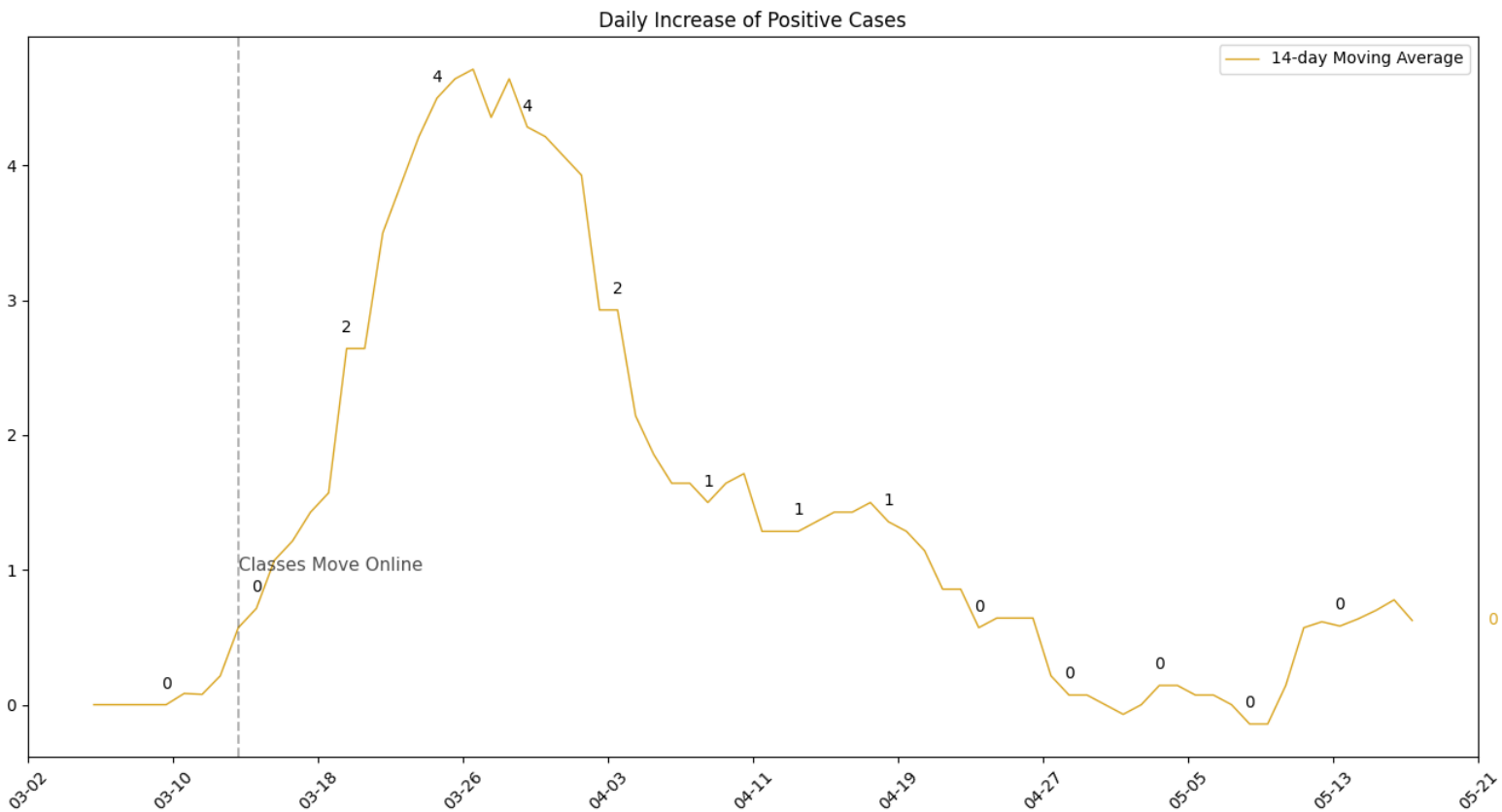
Missouri Daily Increase of Positive Cases



Missouri Confirmed Cases



University of Missouri - Boone County



# Arkansas

— Data Quality Grade: C

## Confirmed Cases

402

## Deaths

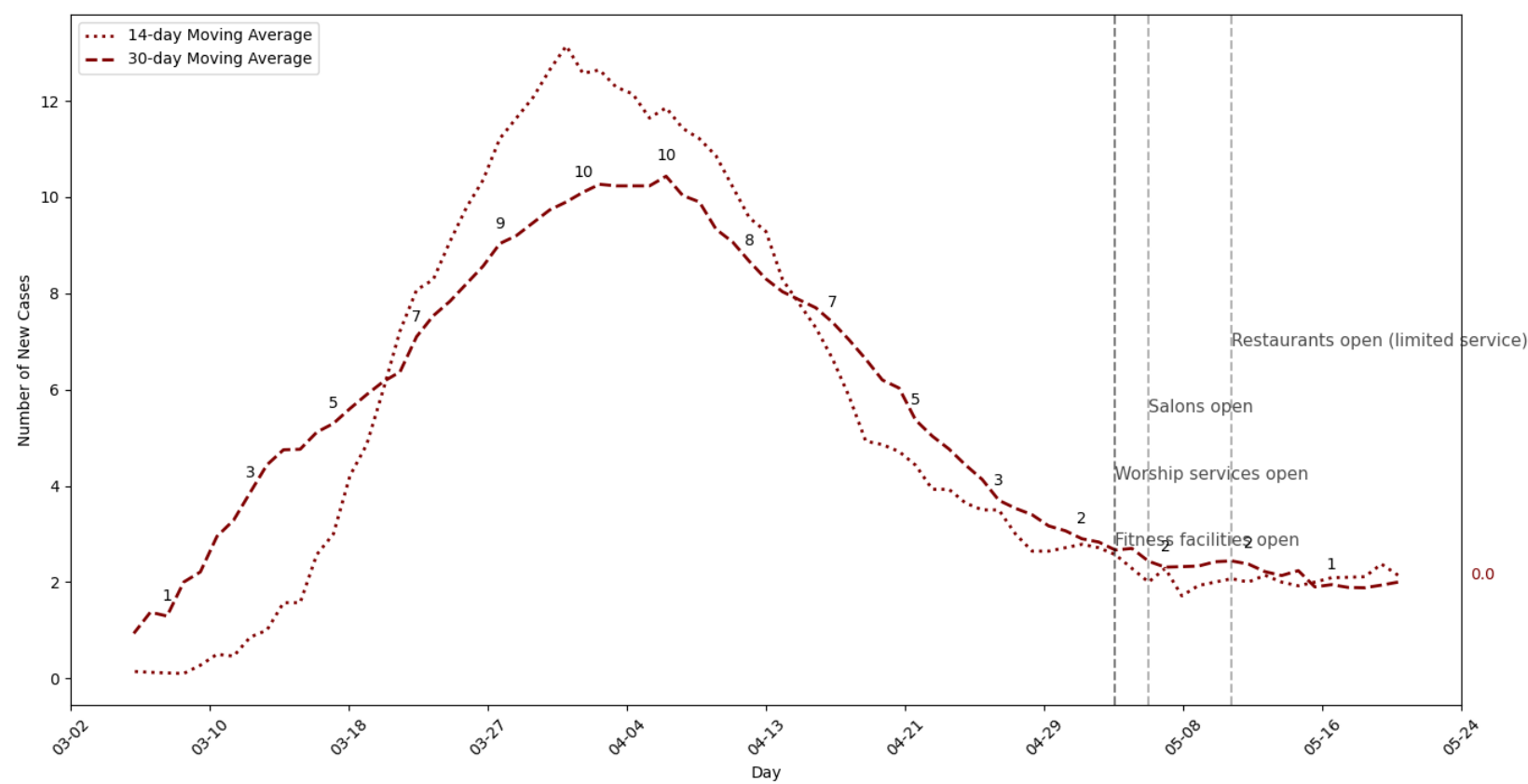
10

## Tested

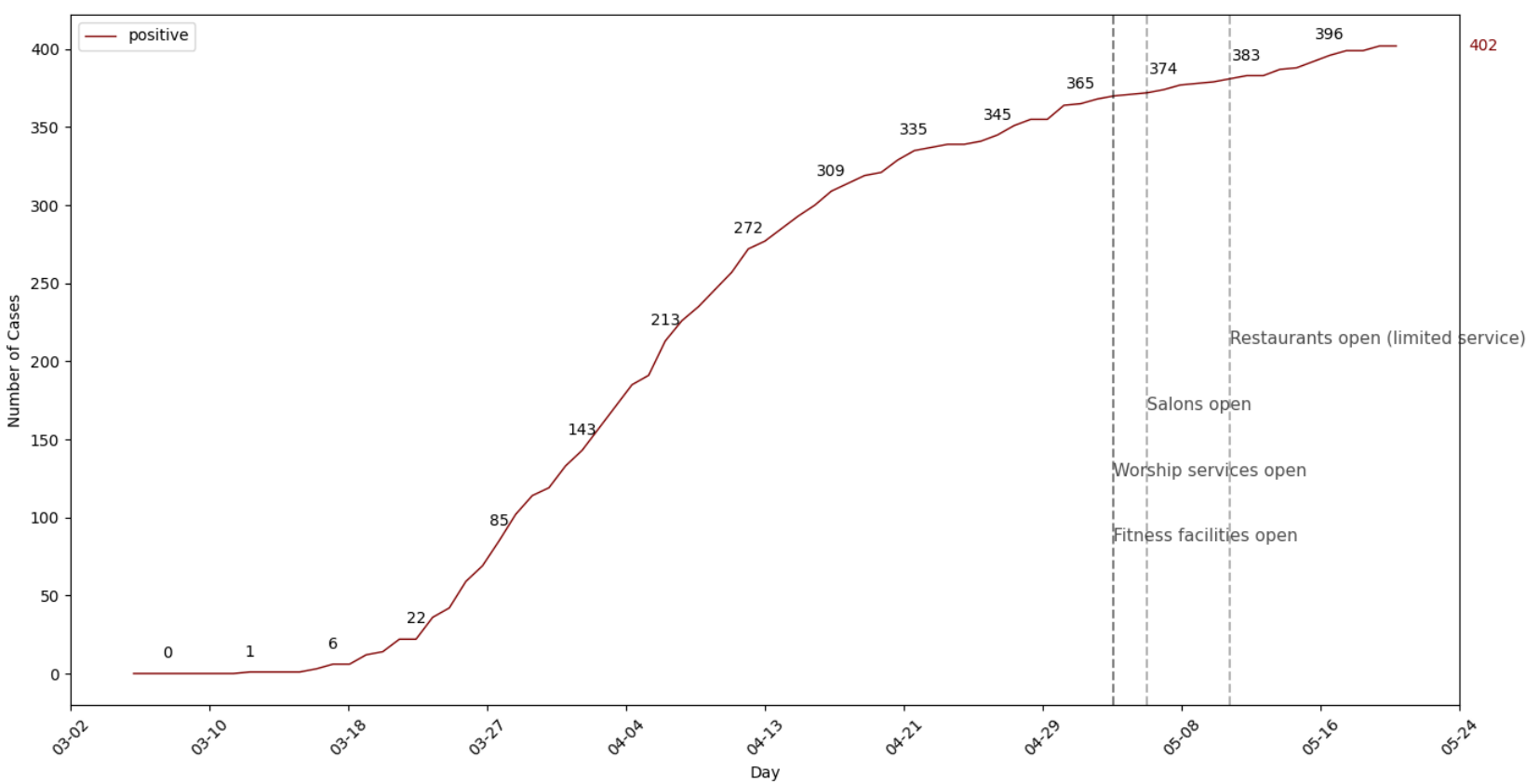
39,545

0.01% of population

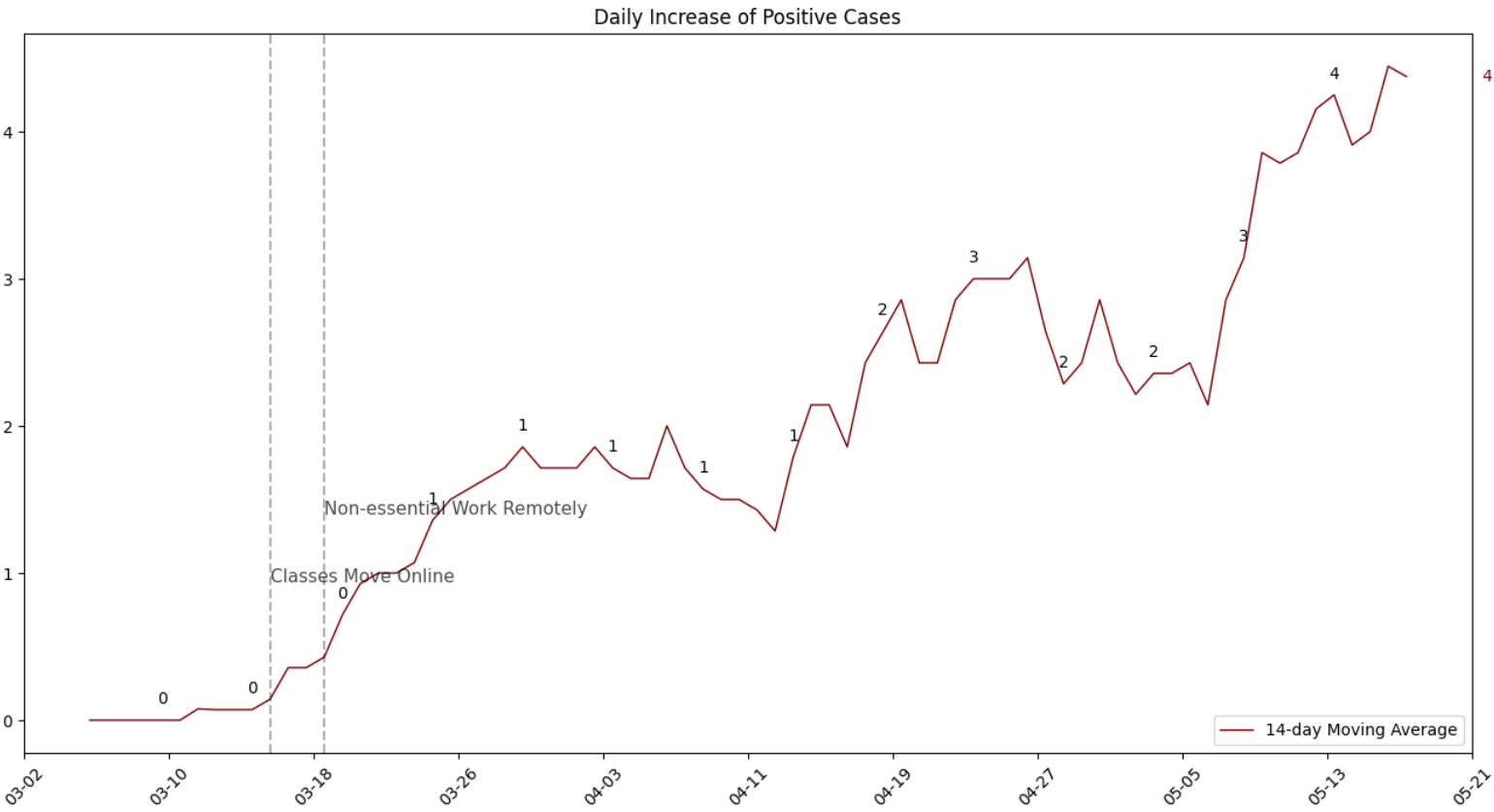
Arkansas Daily Increase of Positive Cases



Arkansas Confirmed Cases



University of Arkansas - Washington



Georgia

— Data Quality Grade: A

Confirmed Cases

40,405

Deaths

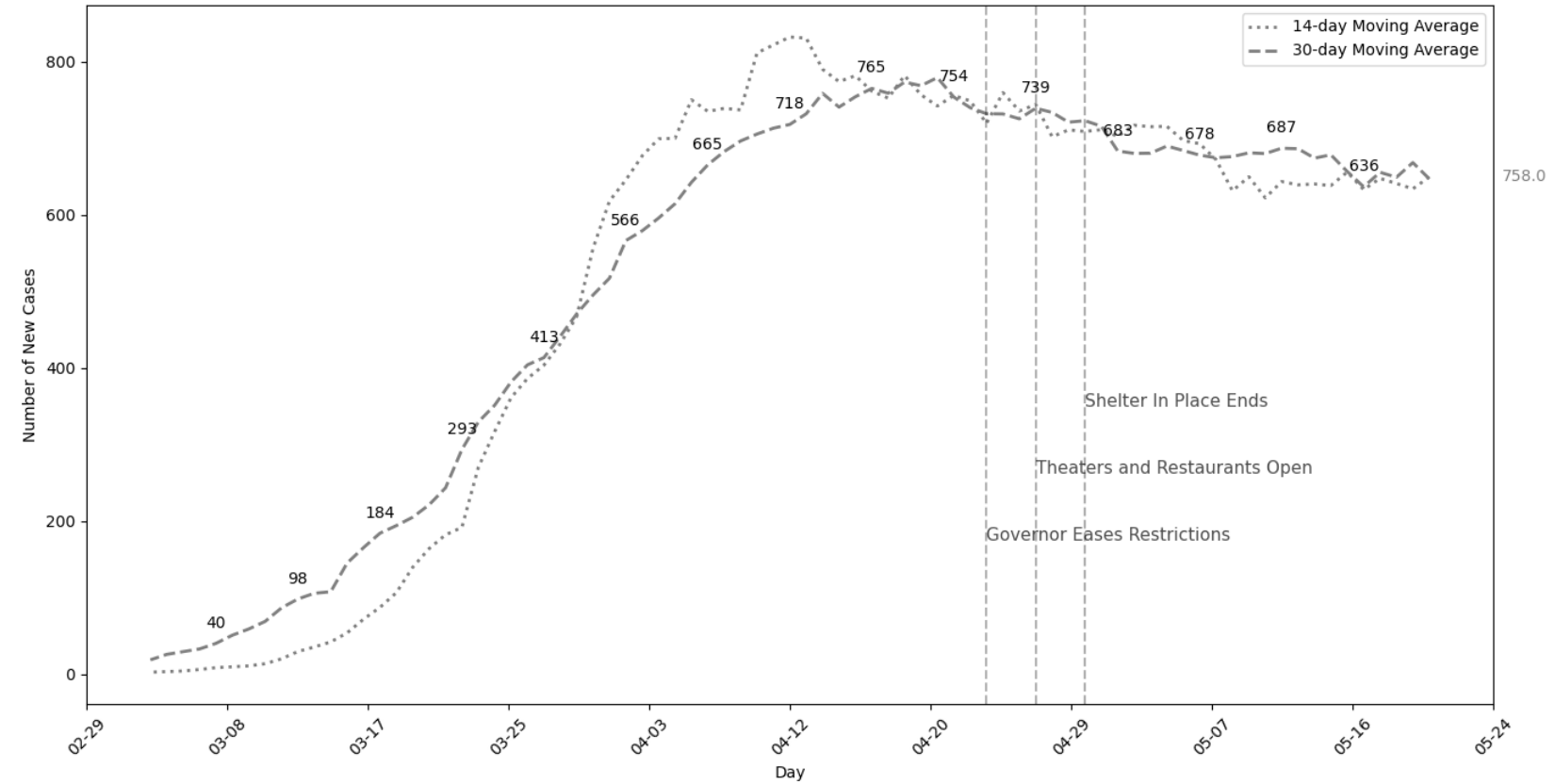
1,754

Tested

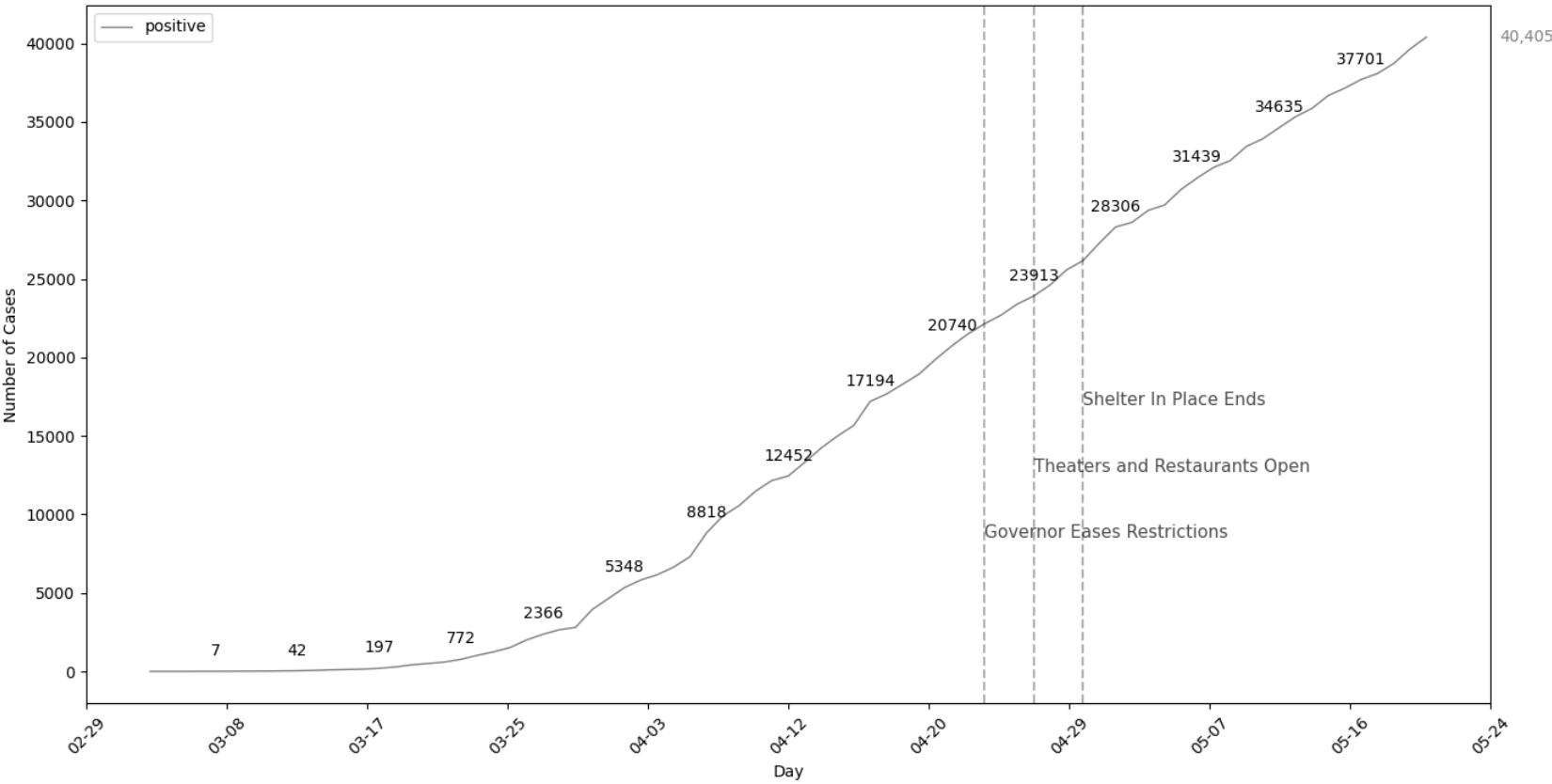
407,731

0.04% of population

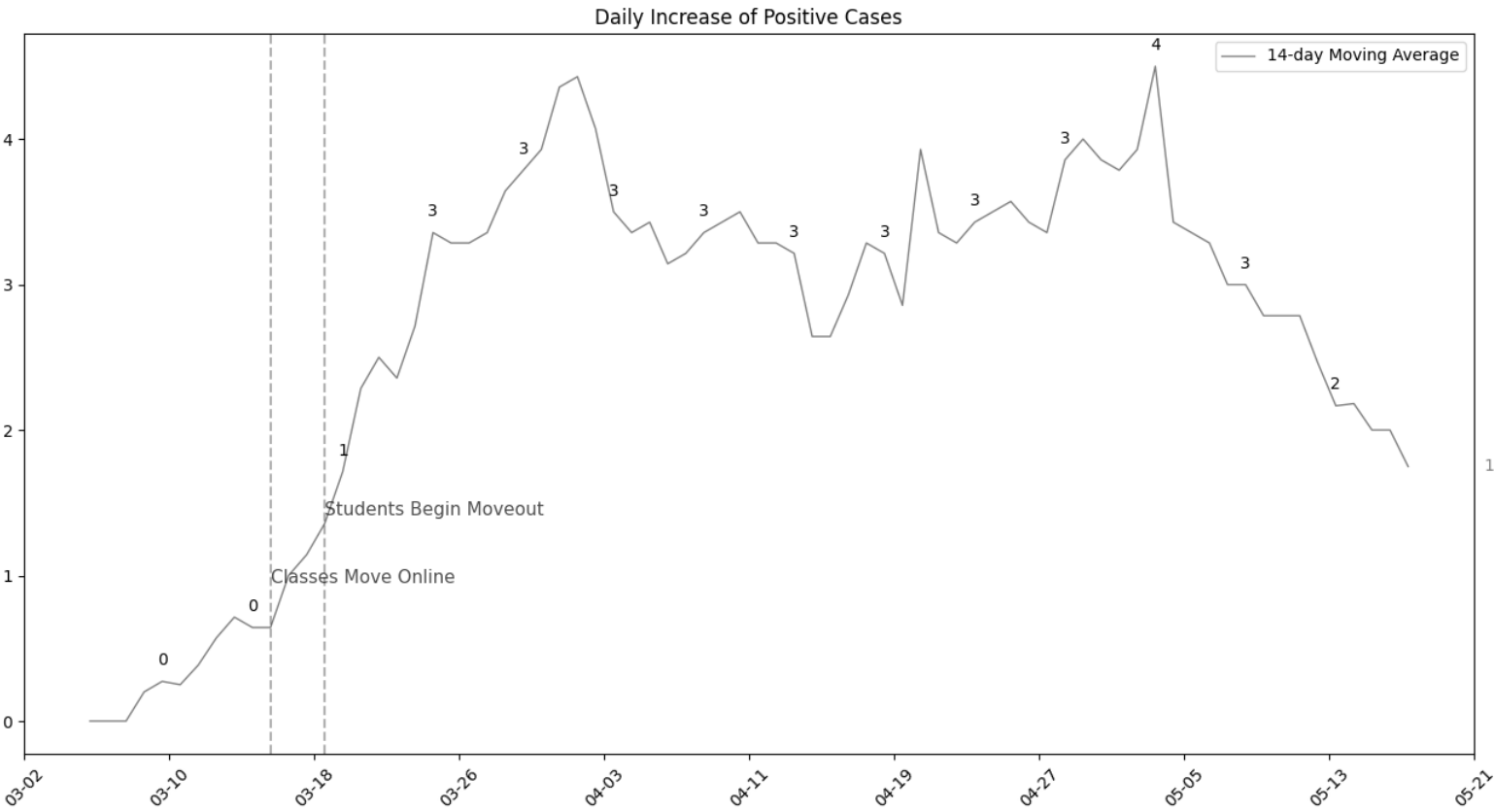
Georgia Daily Increase of Positive Cases



Georgia Confirmed Cases



University of Georgia - Athens-Clarke



# Mississippi

— Data Quality Grade: A+

## Confirmed Cases

53,510

## Deaths

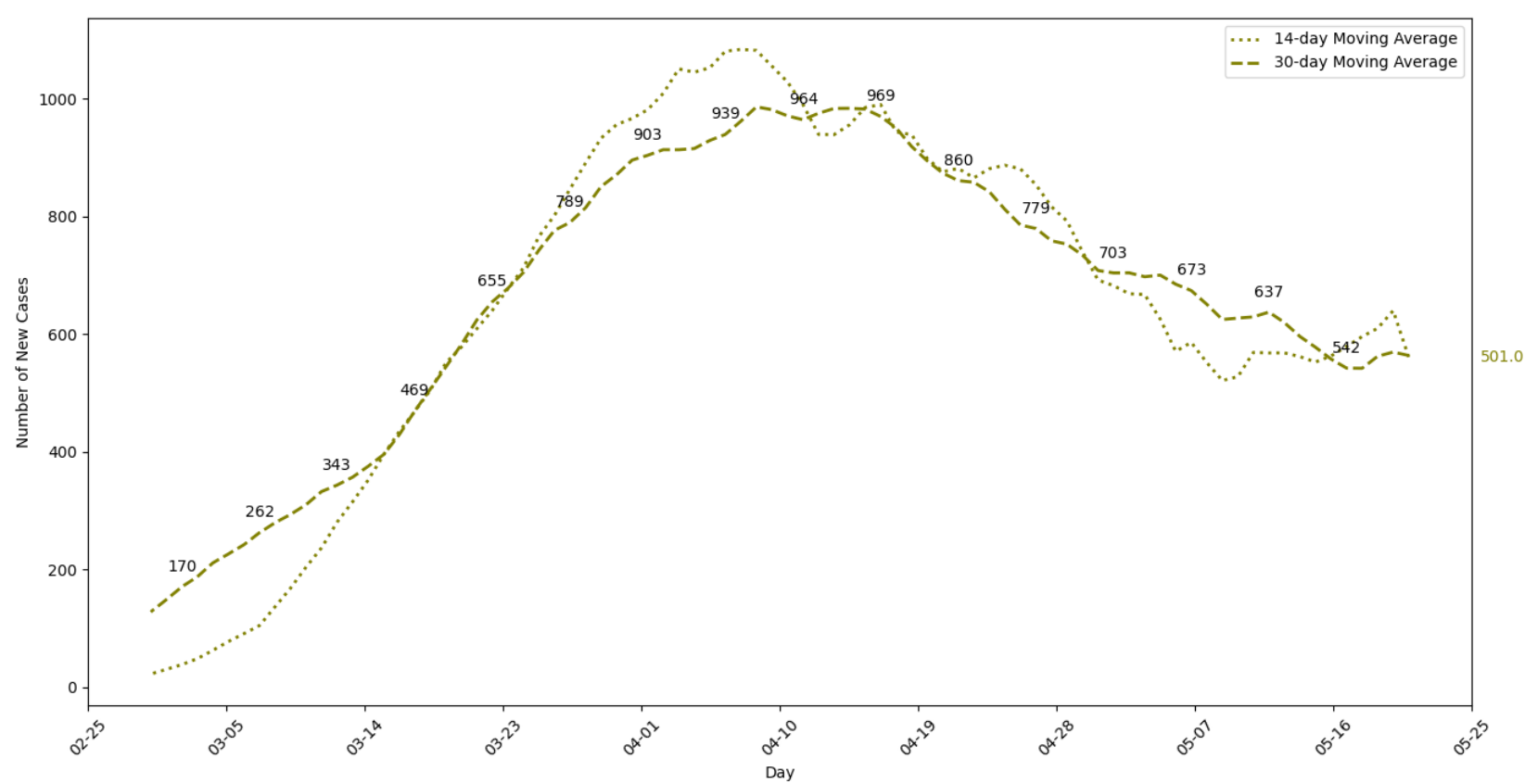
5,219

## Tested

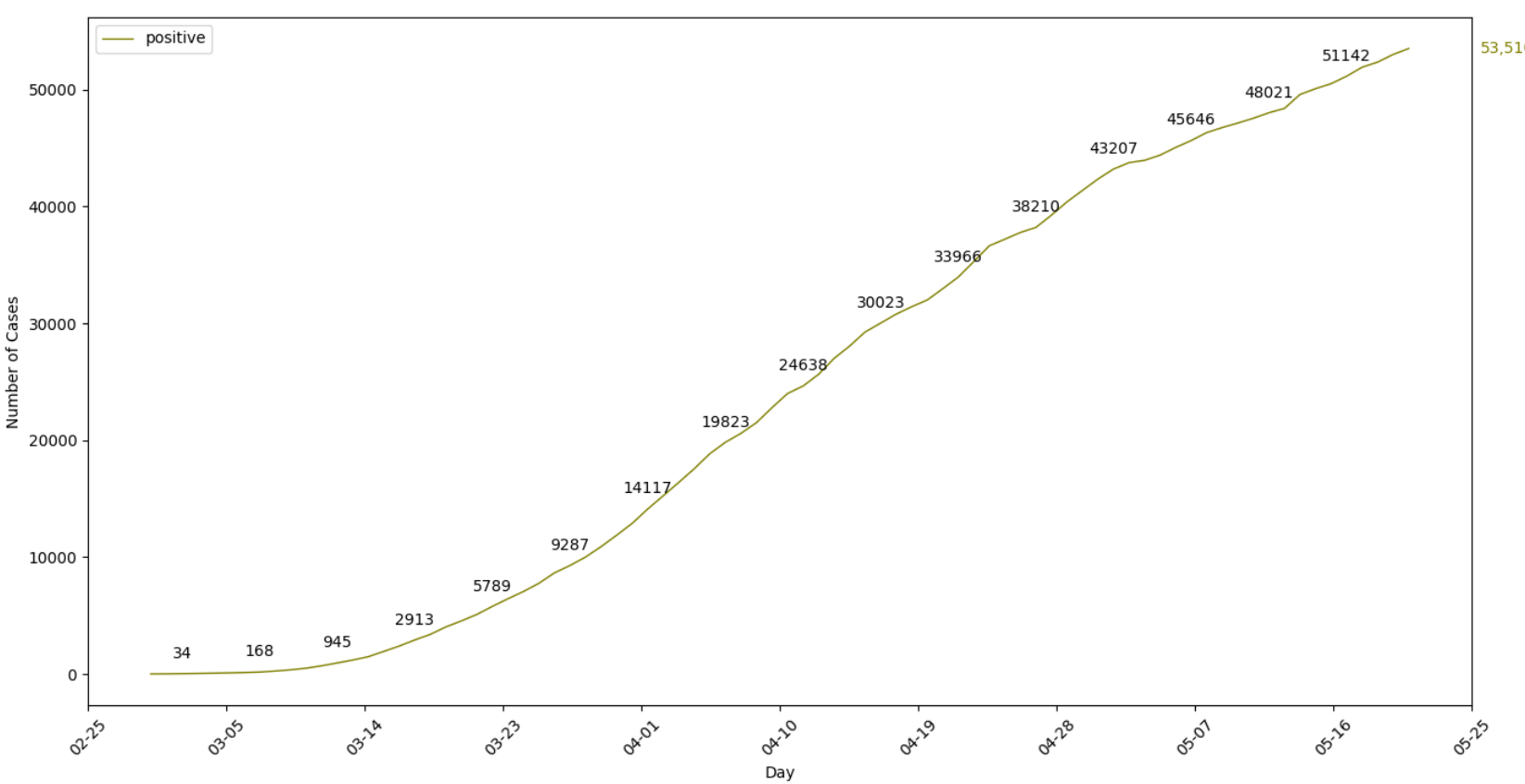
454,740

0.15% of population

Mississippi Daily Increase of Positive Cases

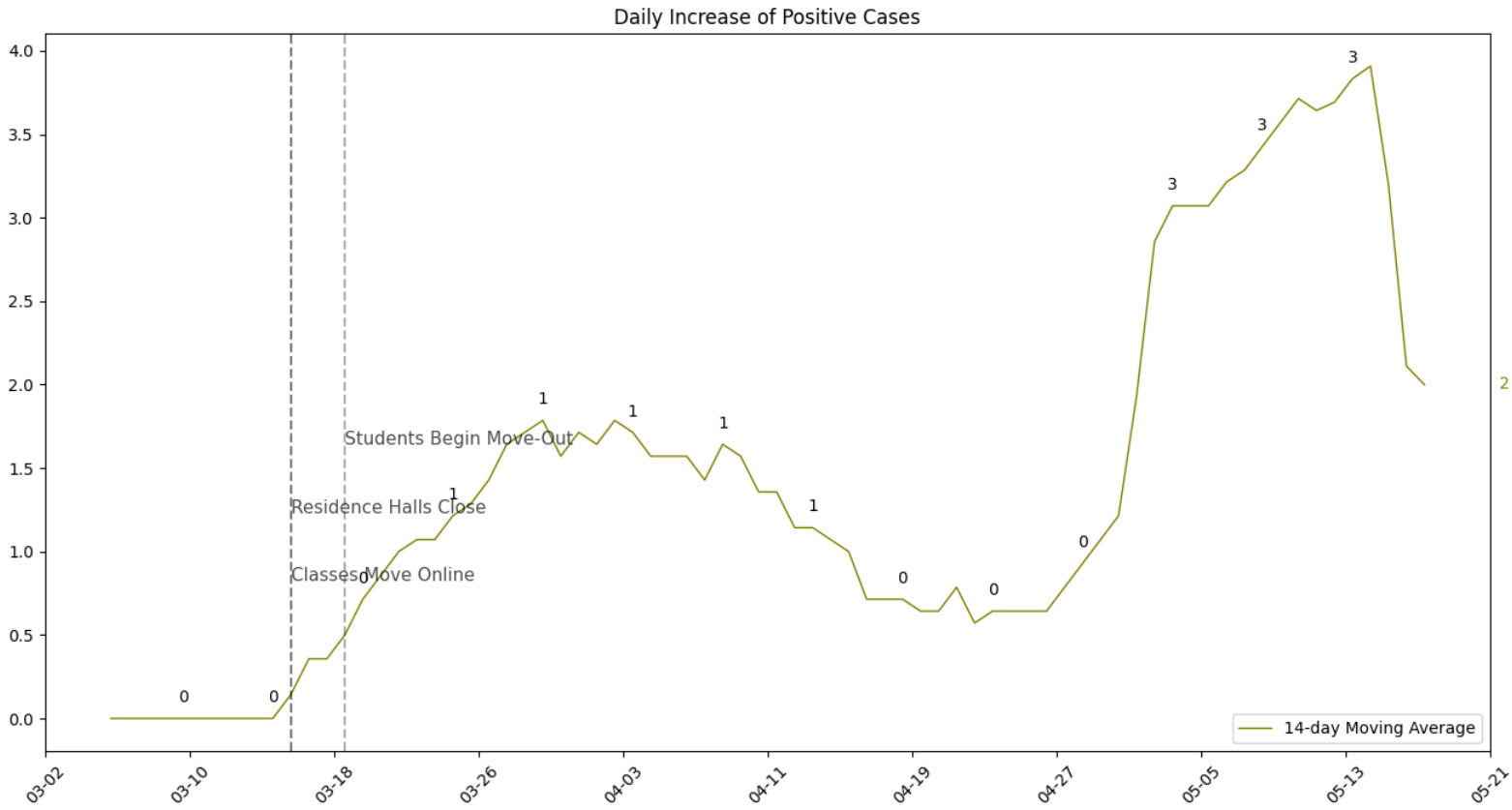


Mississippi Confirmed Cases





Mississippi State University - Oktibbeha County



South Carolina

— Data Quality Grade: A+

Confirmed Cases

9,175

Deaths

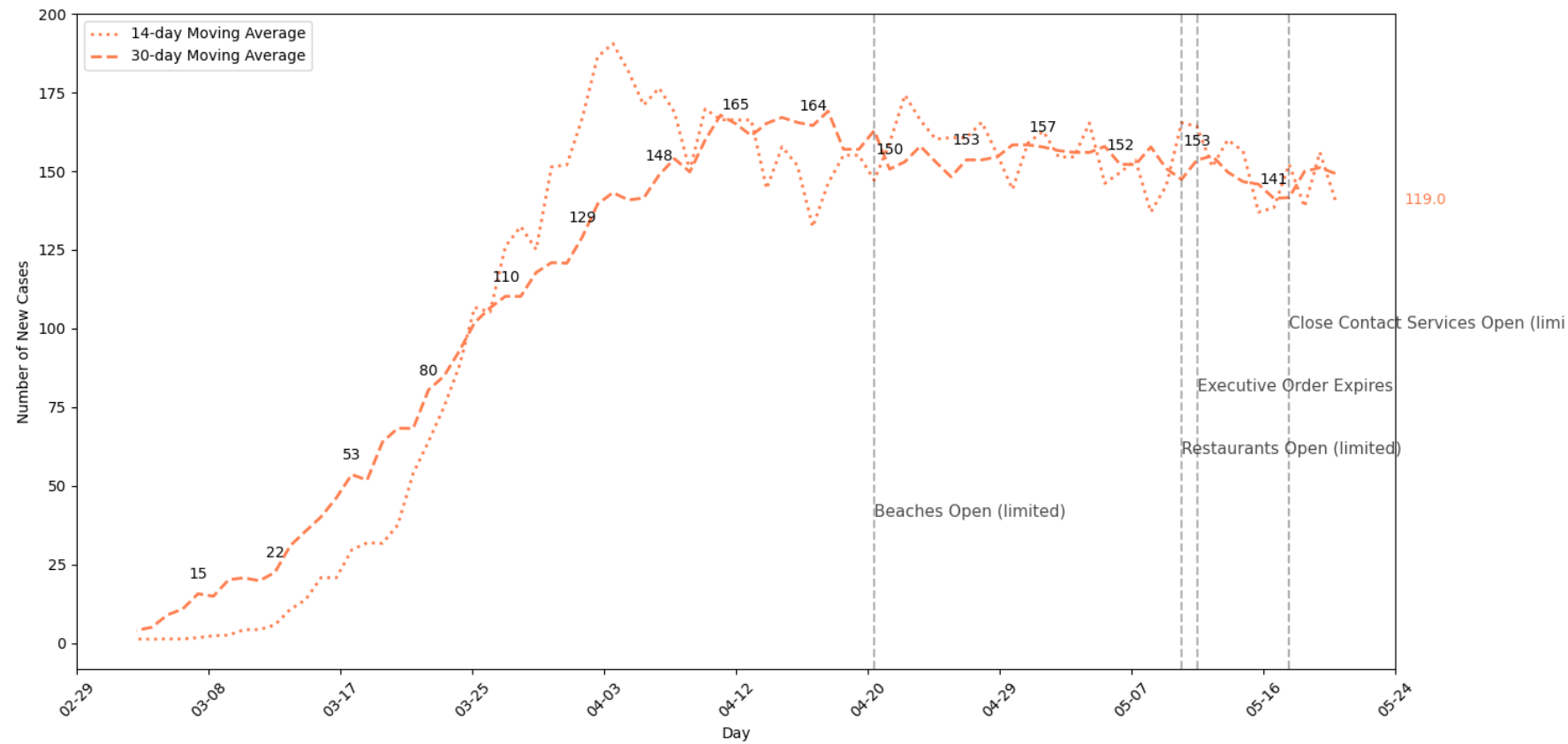
407

Tested

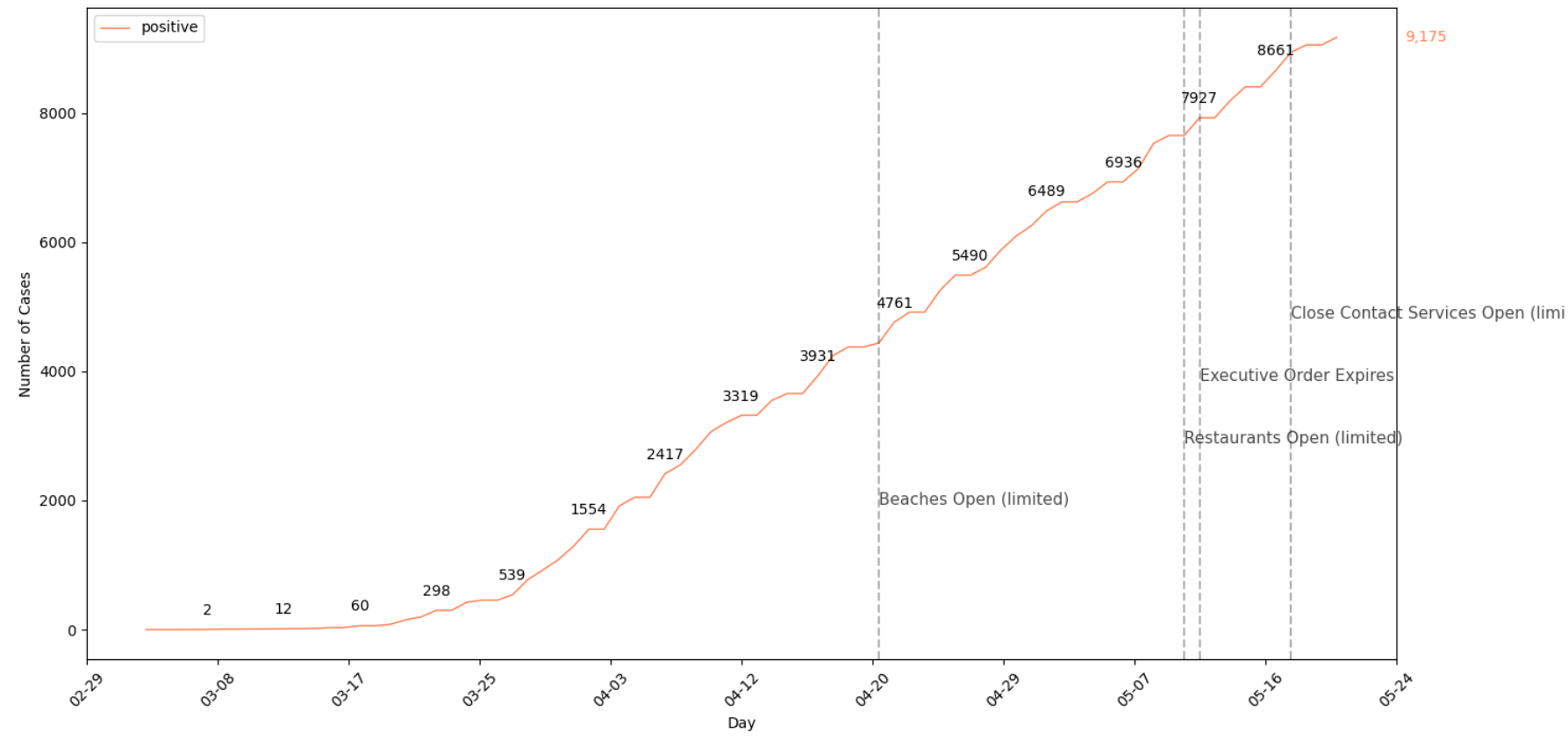
138,238

0.03% of population

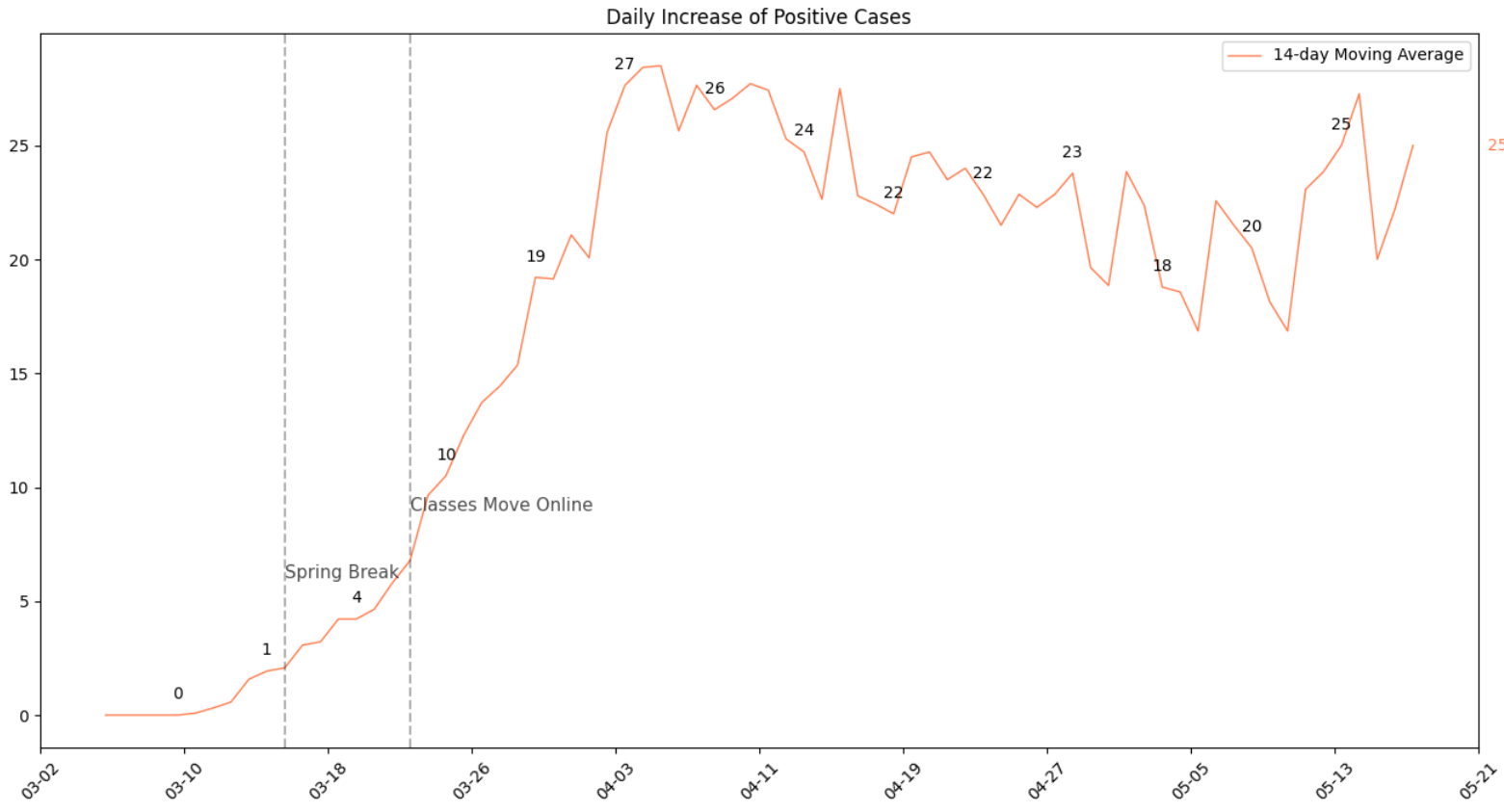
South Carolina Daily Increase of Positive Cases



South Carolina Confirmed Cases



University of South Carolina - Richland



# Texas

— Data Quality Grade: B

## Confirmed Cases

51,323

## Deaths

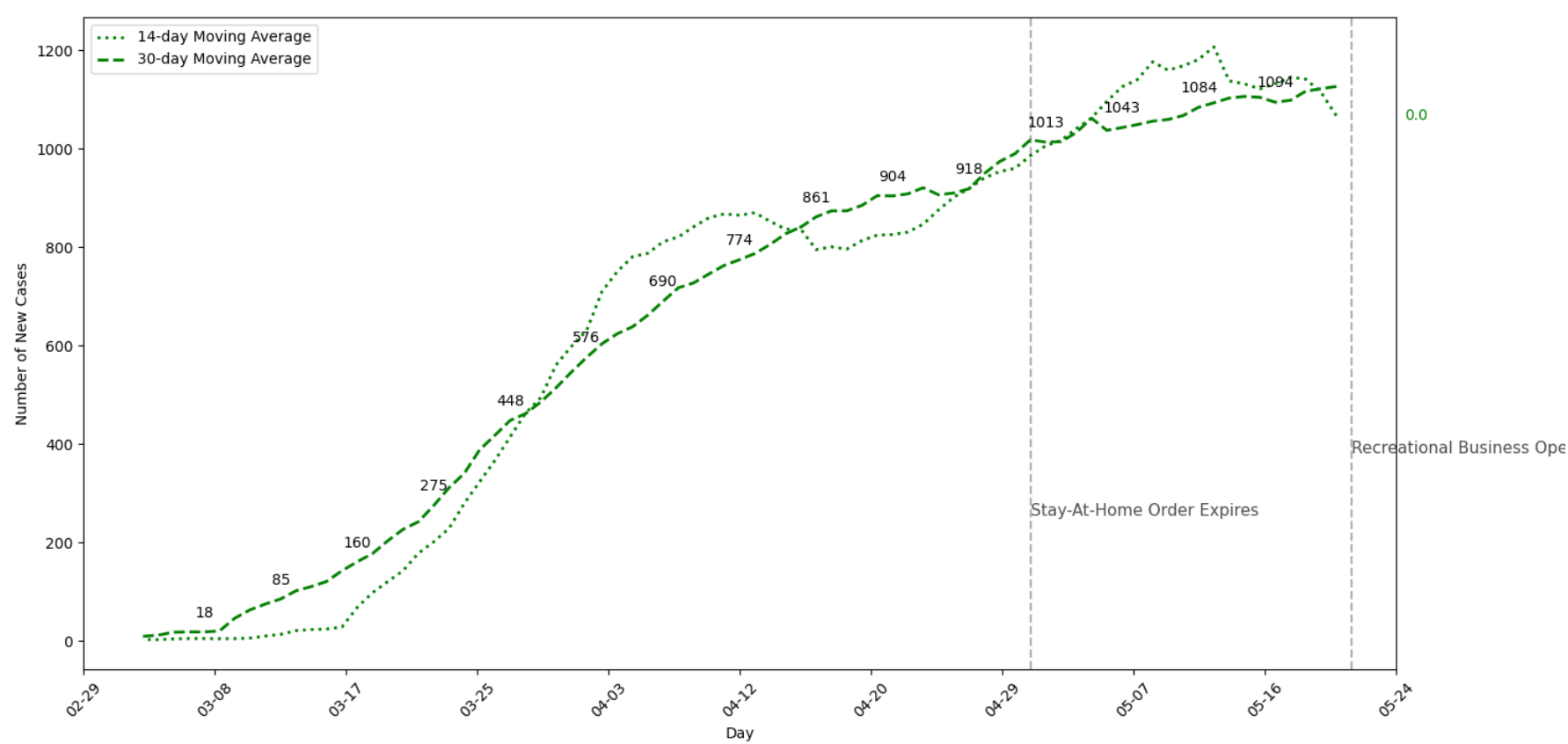
1,419

## Tested

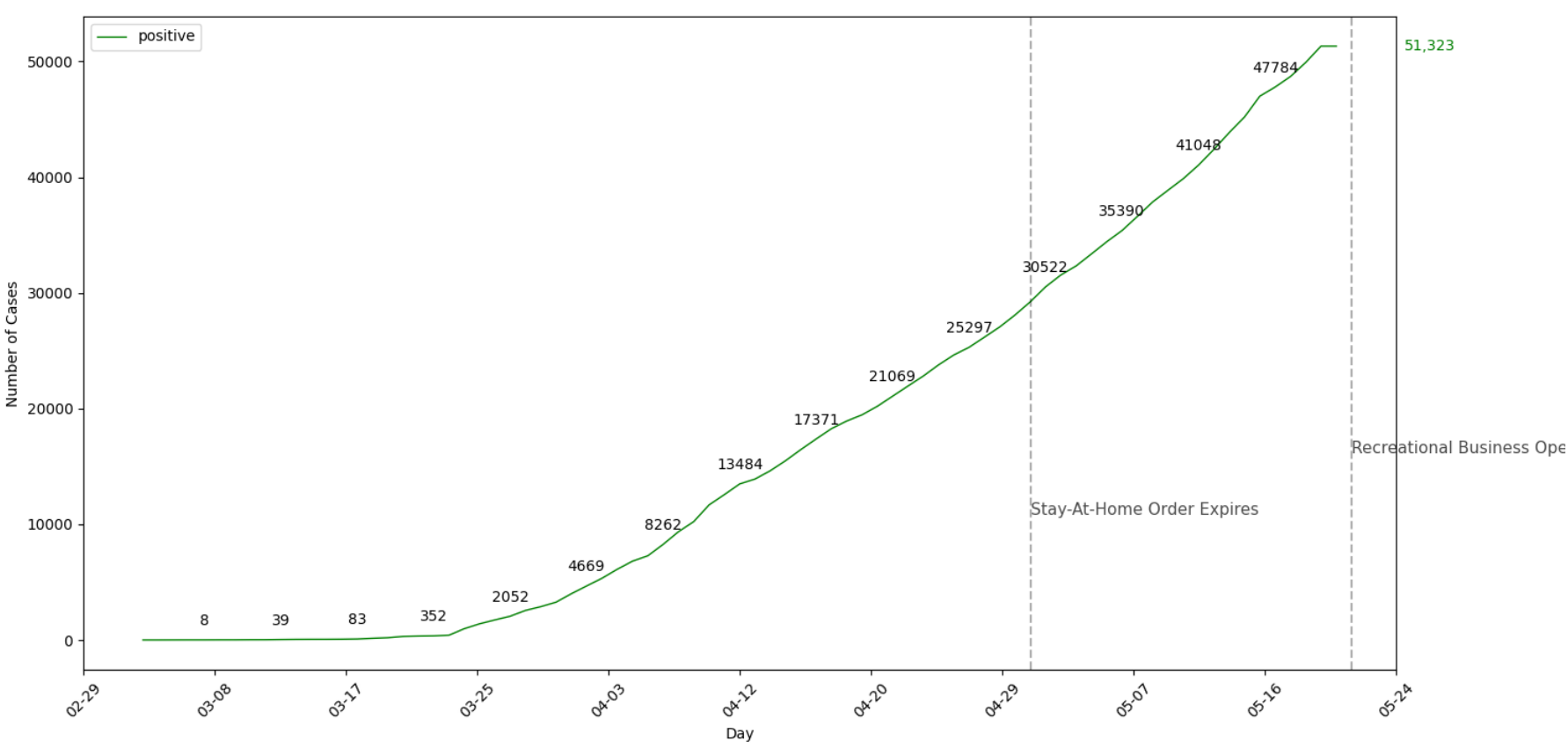
770,241

0.03% of population

Texas Daily Increase of Positive Cases



Texas Confirmed Cases



Texas A&M - Brazos

