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](#).* 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.

*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.
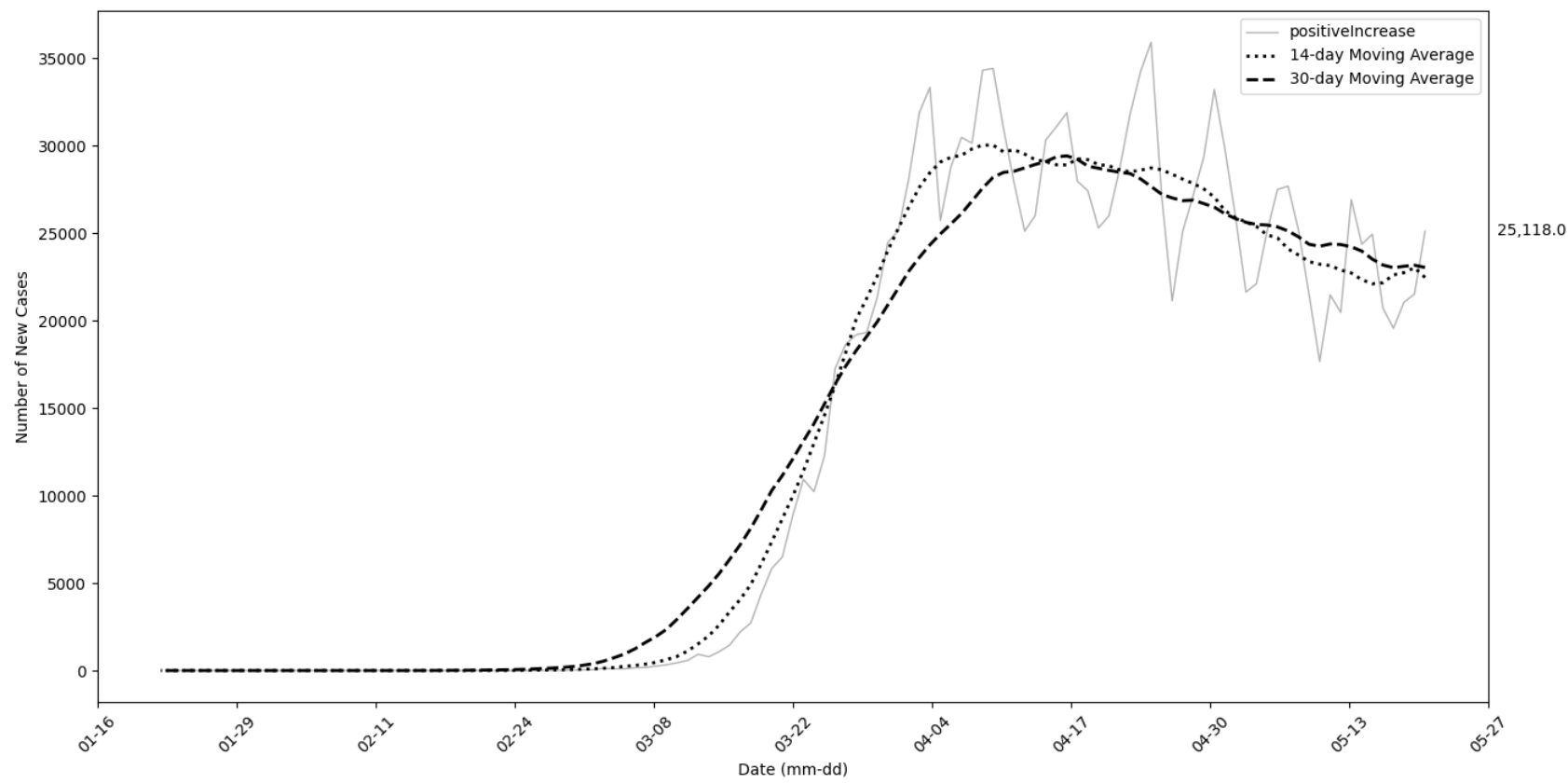   - Shelter-in-place order ended April 30, except for vulnerable populations.

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+.
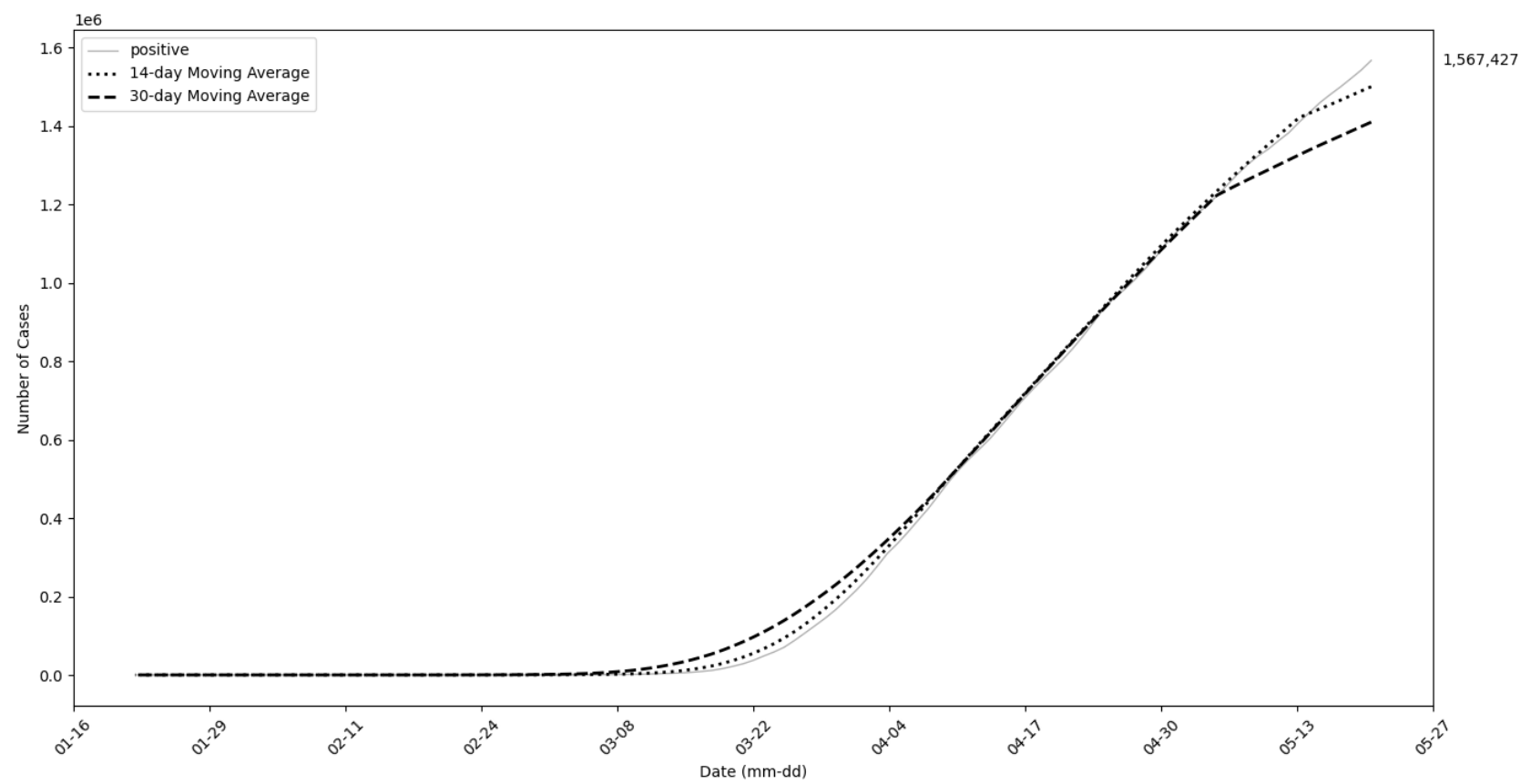

United States

Confirmed Cases	Deaths	Tested
1,567,427	88,985	13,056,206
		0.04% of population

US Daily Increase of Positive Cases

US Confirmed Cases

Southeastern Conference

SEC Daily Increase of Positive Cases [14-day Moving Average]

Kentucky
Alabama
Tennessee
Louisiana
Florida
Missouri
Arkansas
Georgia
Mississippi
South Carolina
Texas

Texas 1,067
Florida 780
Georgia 649
Mississippi 561
Louisiana 430
Tennessee 323
Alabama 307
Kentucky 155
South Carolina 148
Arkansas 2

SEC Confirmed Cases [14-day Moving Average]

Kentucky
Alabama
Tennessee
Louisiana
Florida
Missouri
Arkansas
Georgia
Mississippi
South Carolina
Texas

Mississippi 51,787
Texas 48,747
Florida 46,163
Georgia 38,340
Louisiana 34,850
Tennessee 17,932
Alabama 12,119
Missouri 10,931
South Carolina 8,814
Kentucky 7,764
Arkansas 396

Kentucky

— Data Quality Grade: A

Confirmed Cases	Deaths	Tested
8,167	376	158,672
		0.04% of population

Kentucky Daily Increase of Positive Cases
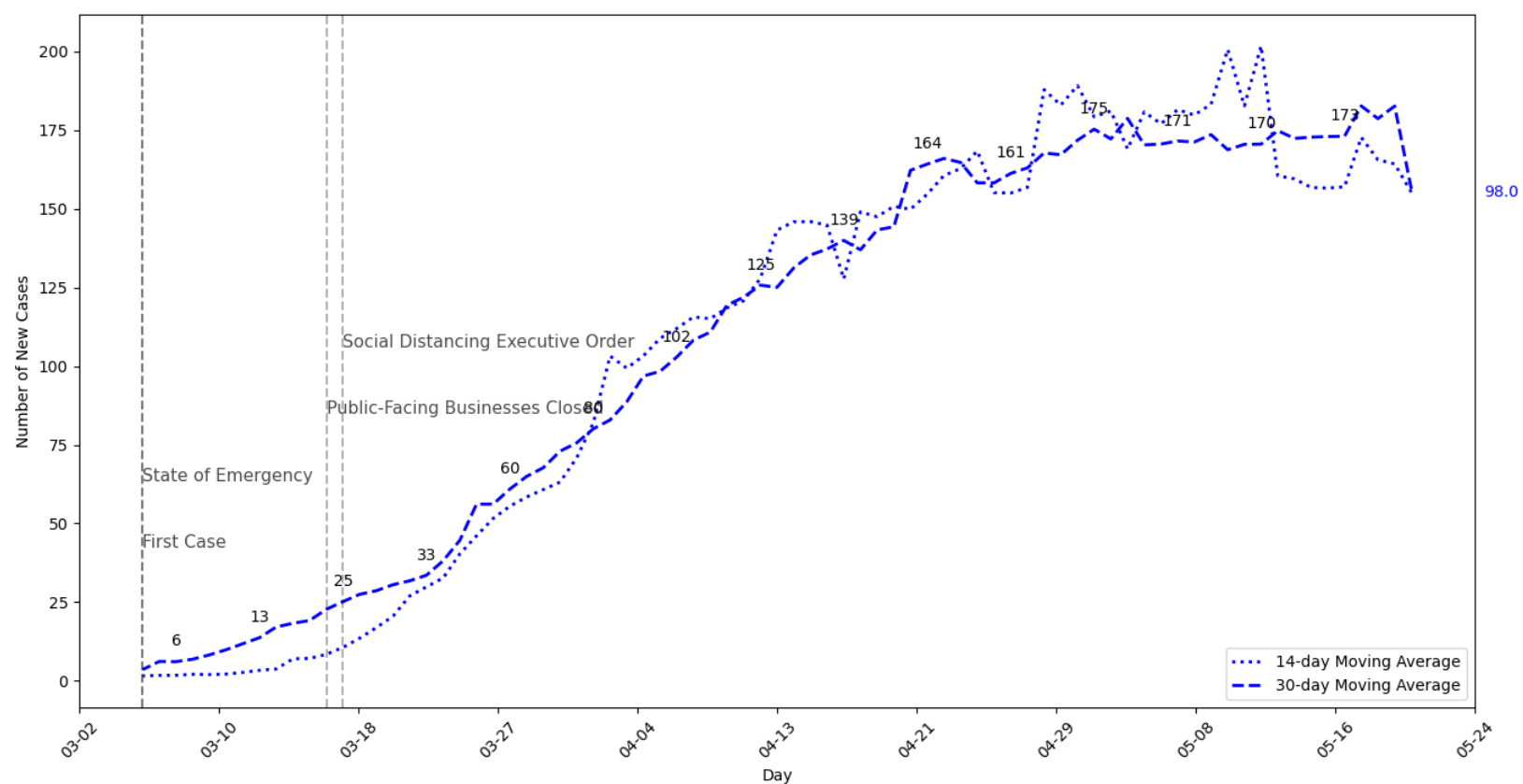
Kentucky Confirmed Cases
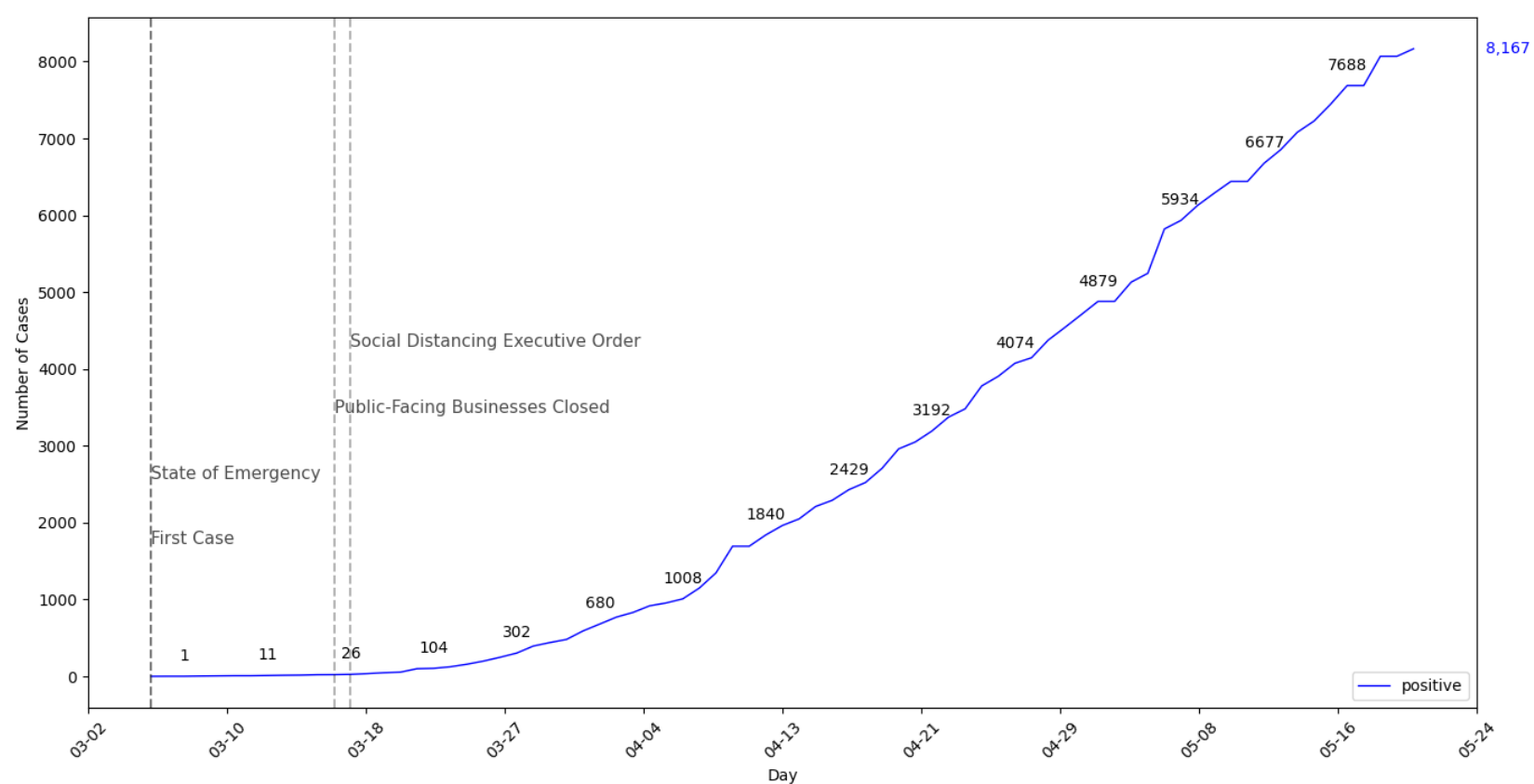
University of Kentucky - Fayette County

Daily Increase of Positive Cases
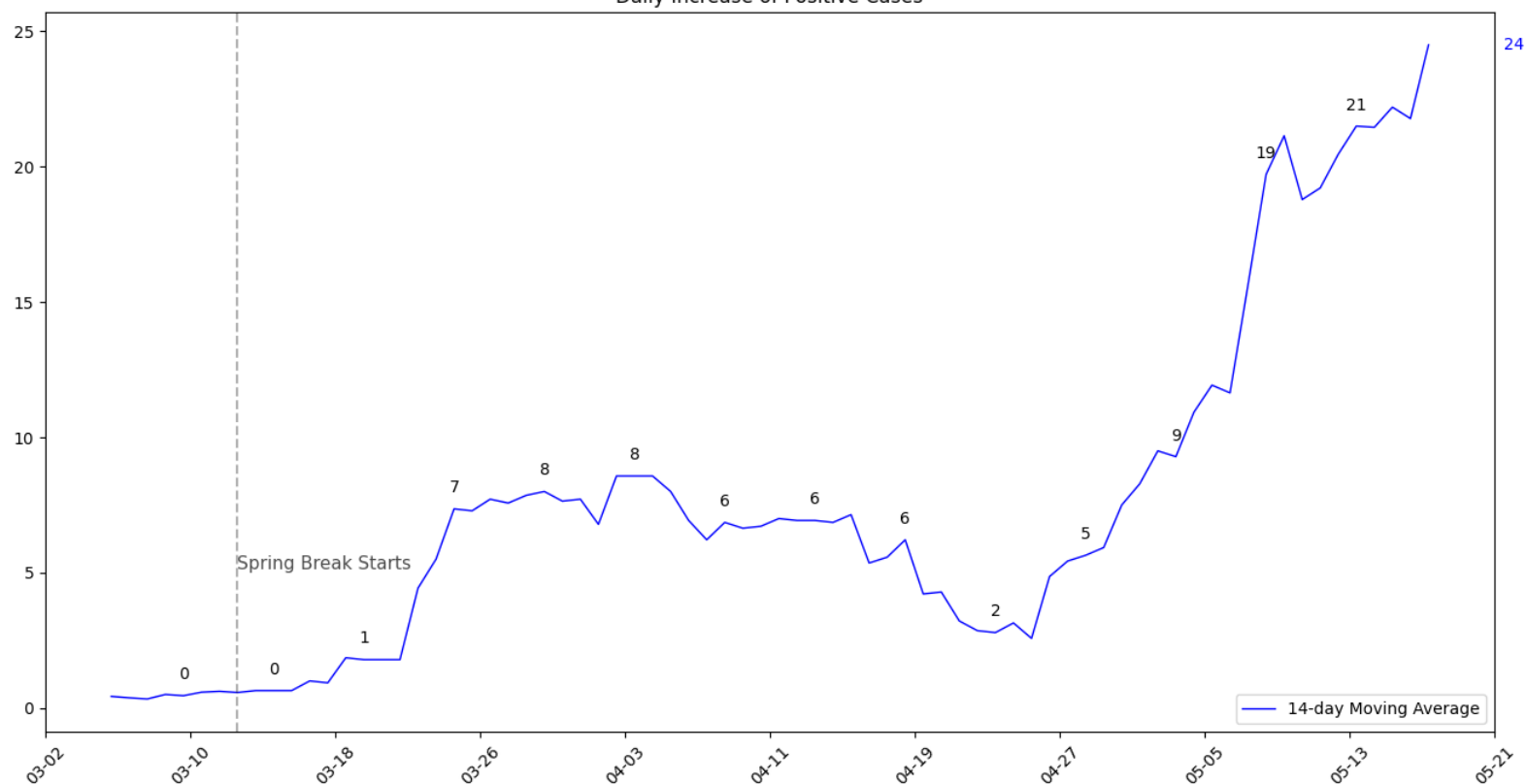
Alabama

— Data Quality Grade: B

Confirmed Cases	Deaths	Tested
13,119	529	170,739
		0.04% of population

Alabama Daily Increase of Positive Cases
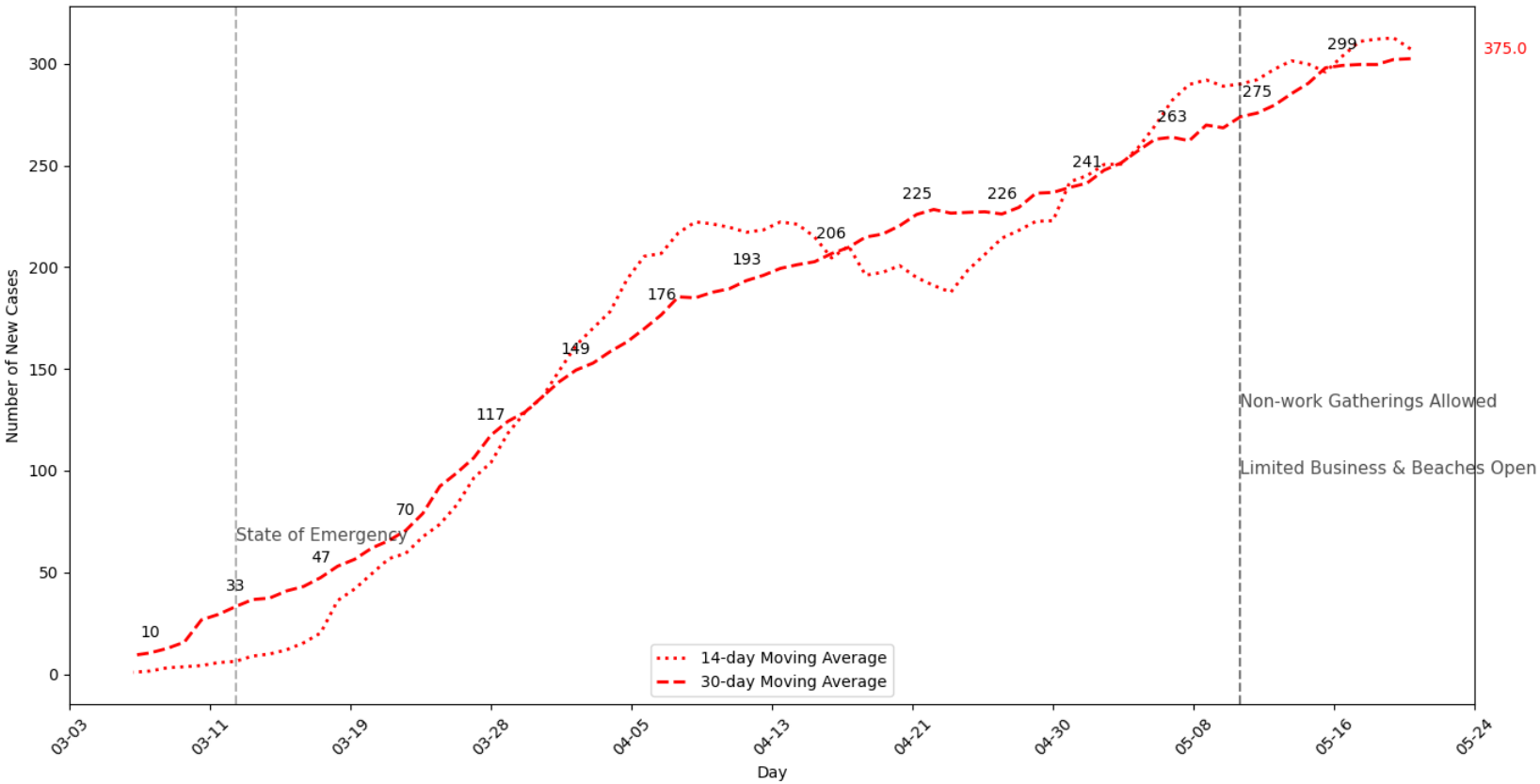
Alabama Confirmed Cases
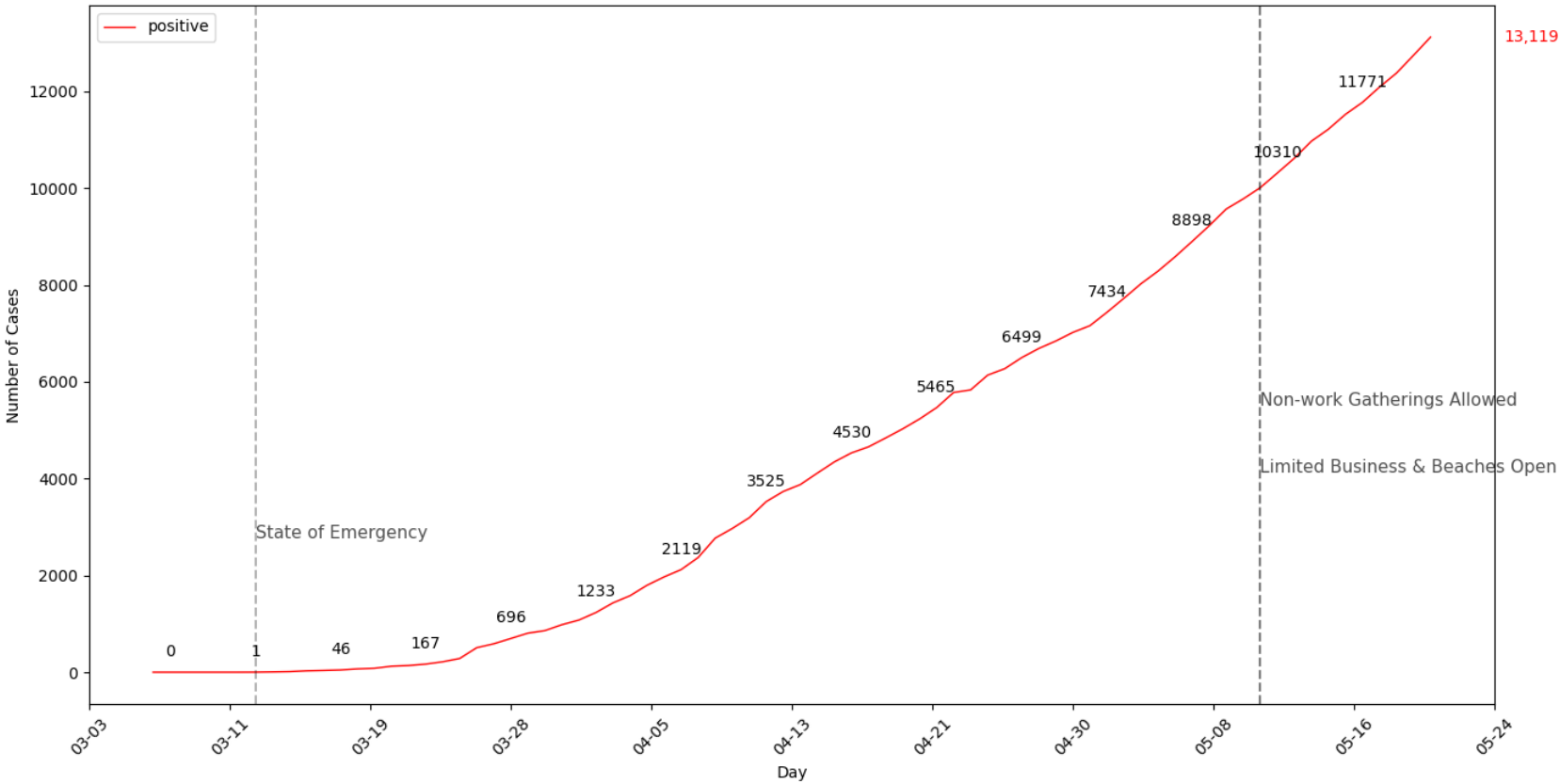
Alabama State University - Tuscaloosa

Daily Increase of Positive Cases

Spring Break Starts

Online Classes Start

14-day Moving Average
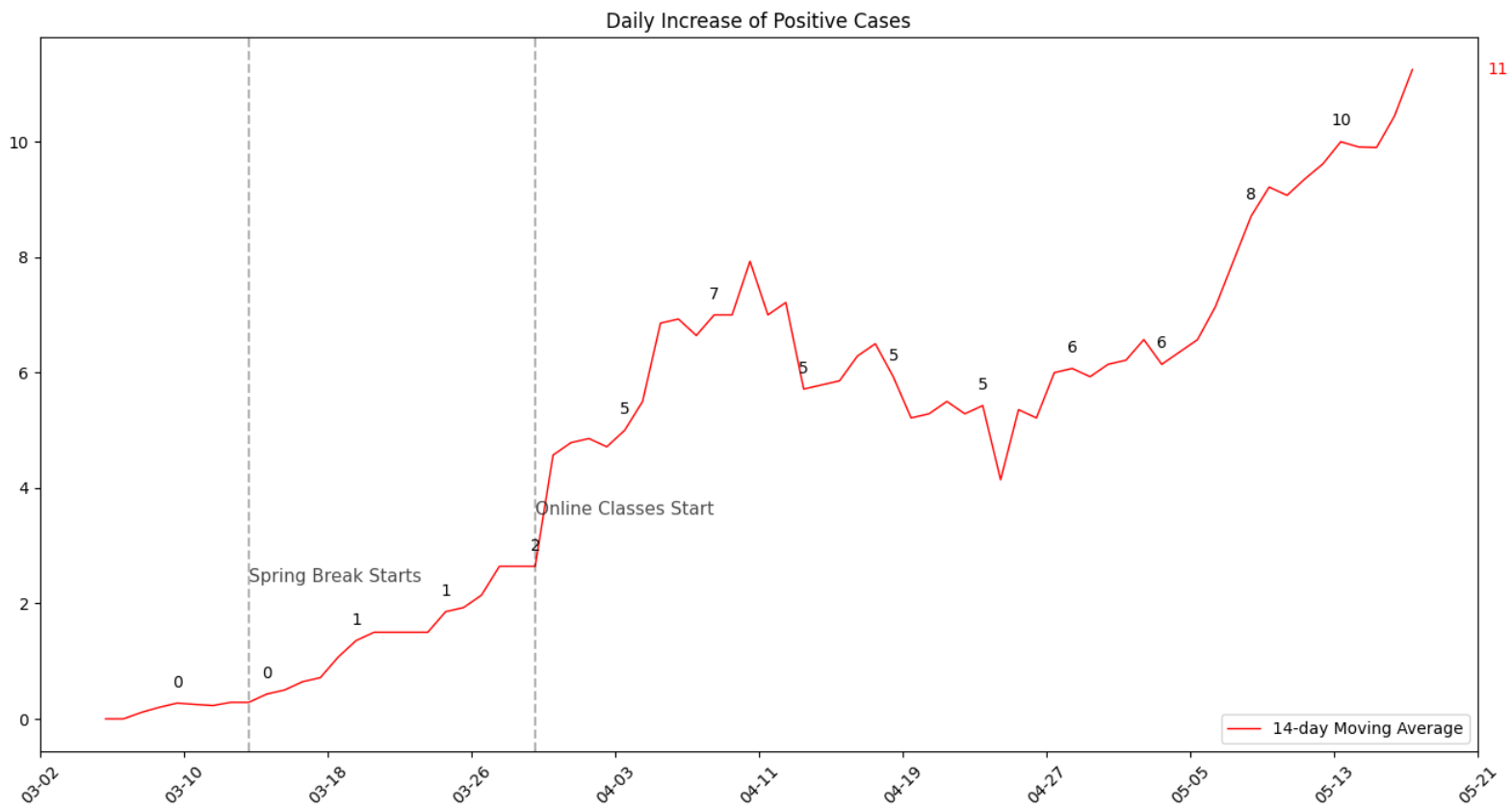
Auburn University - Lee County

Daily Increase of Positive Cases

14-day Moving Average

Spring Break Starts

Classes Move Online

Students Ordered Out of Residence Halls

Students Begin Move-Out
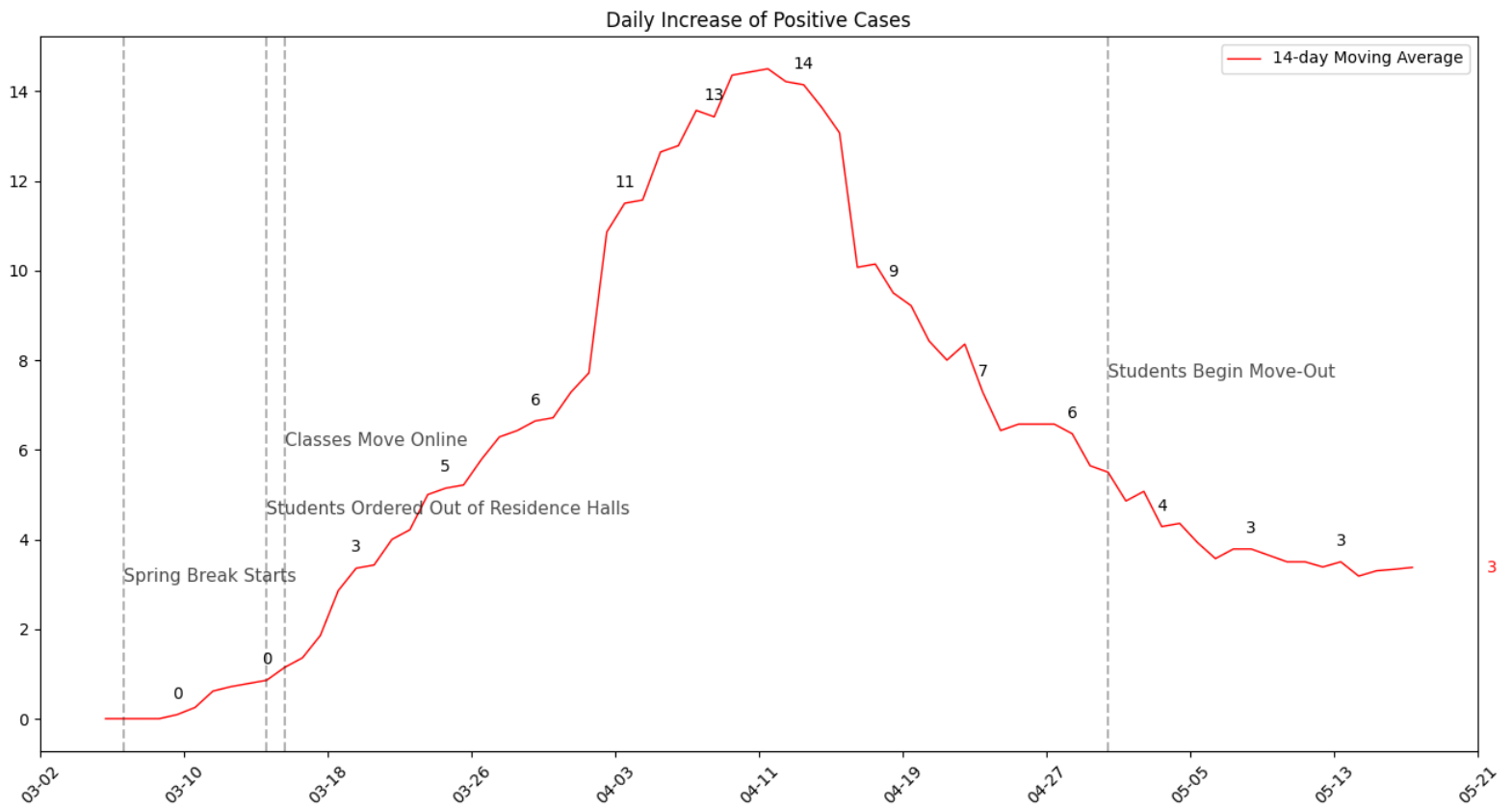
Tennessee

— Data Quality Grade: B

Confirmed Cases	Deaths	Tested
18,961	313	360,583
		0.05% of population

Tennessee Daily Increase of Positive Cases
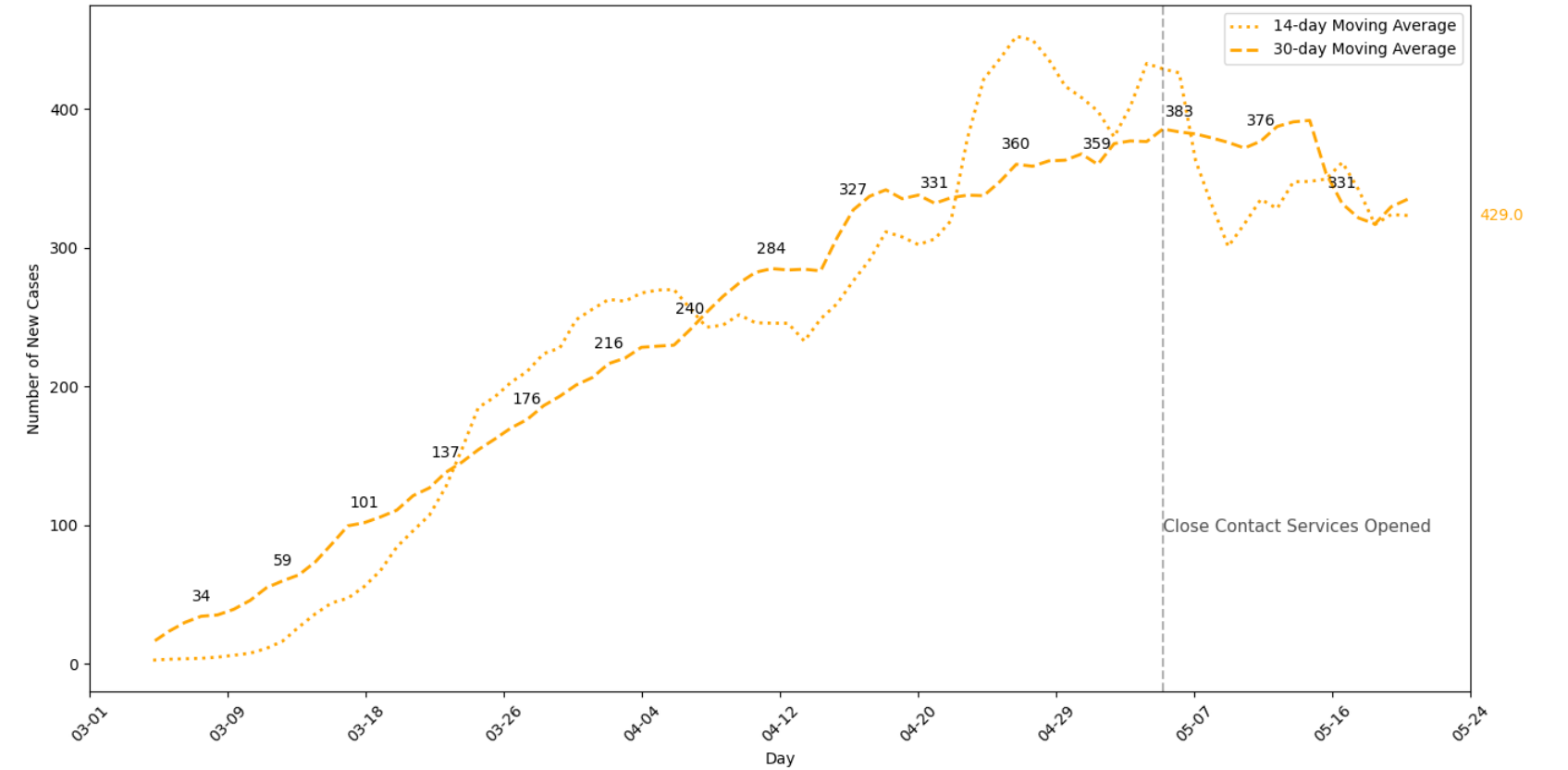
Tennessee Confirmed Cases
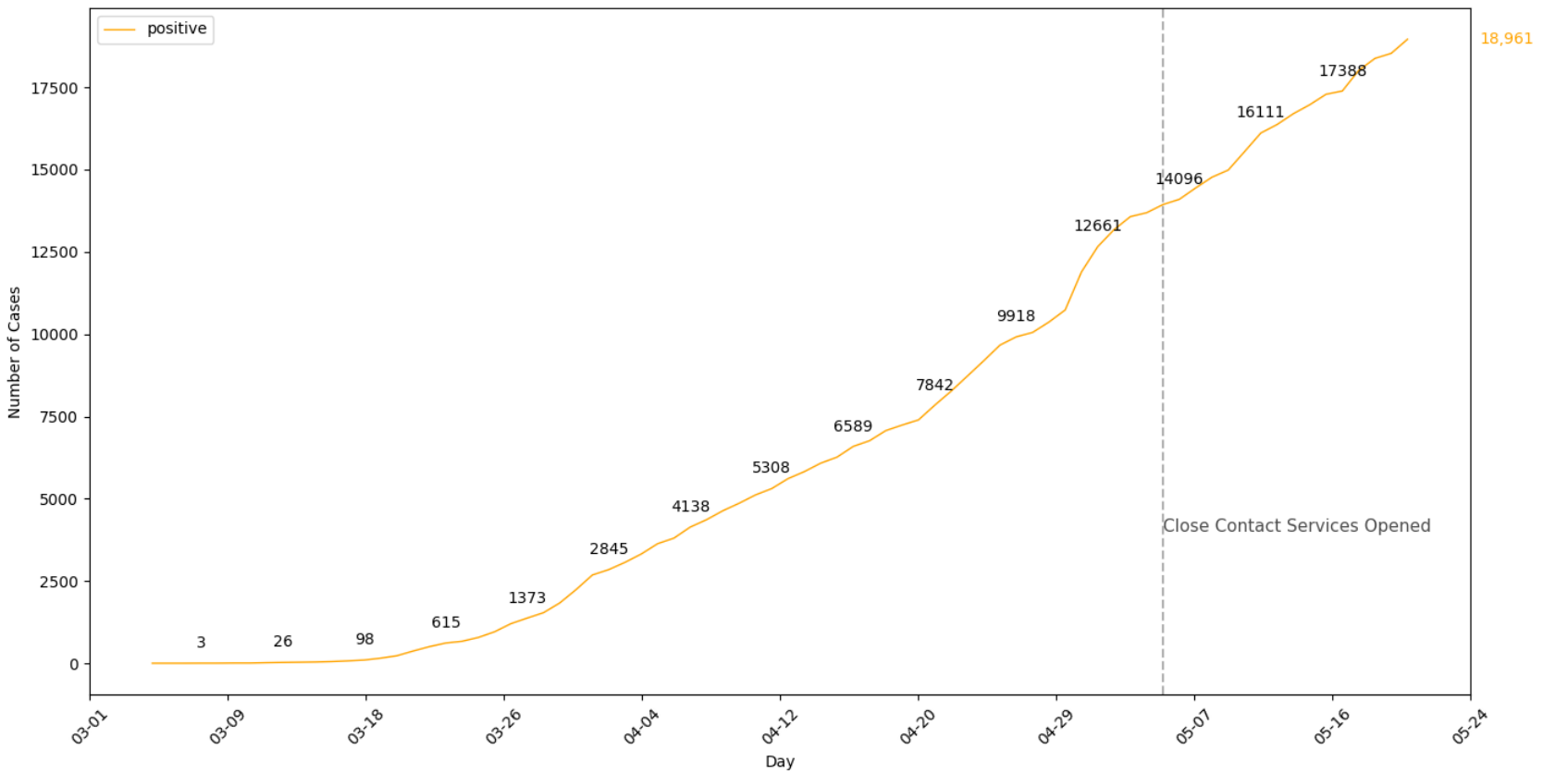
University of Tennessee - Knox County

Daily Increase of Positive Cases
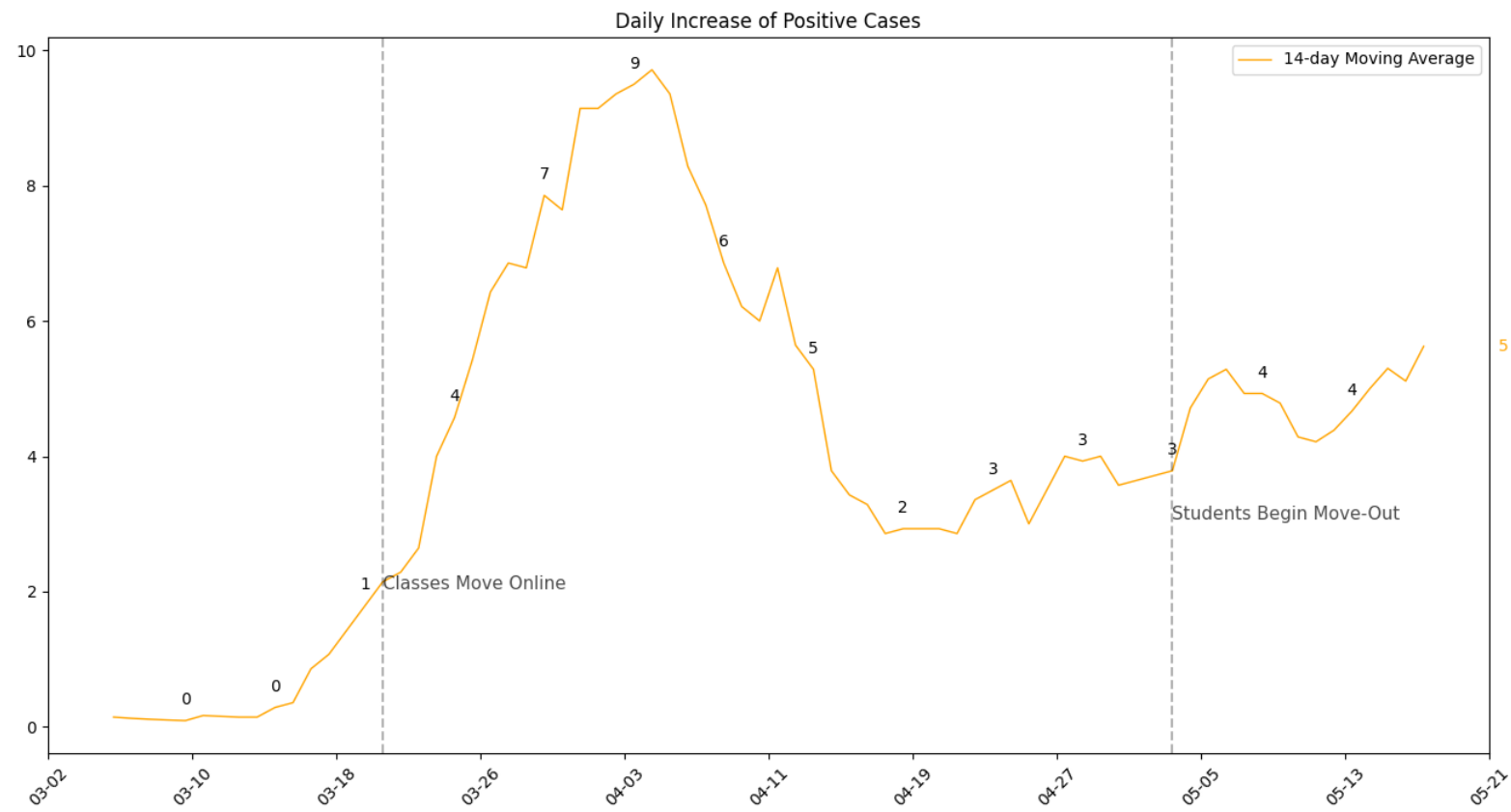
Vanderbilt University - Davidson County

Daily Increase of Positive Cases
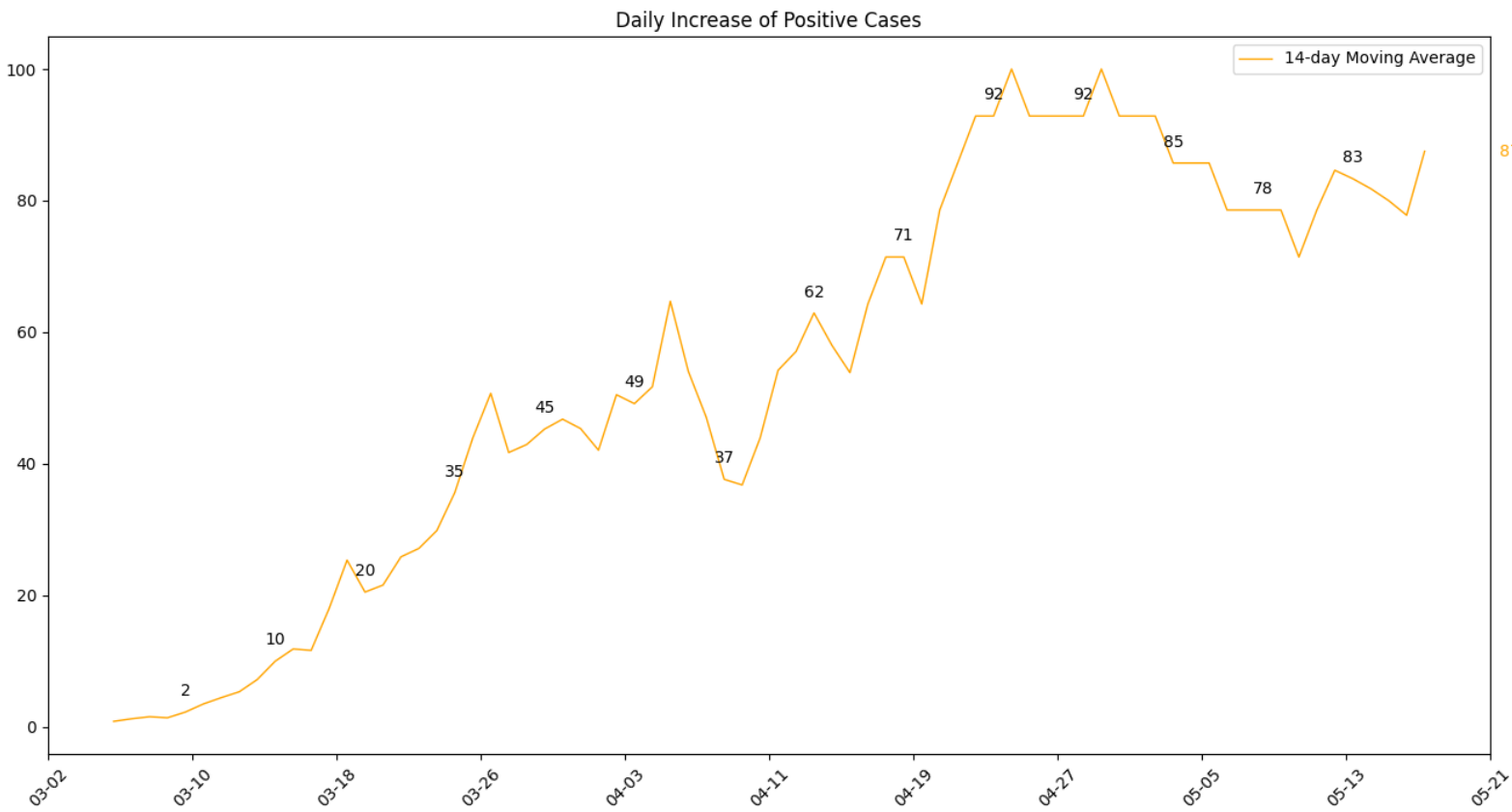
Louisiana

— Data Quality Grade: B

Confirmed Cases	Deaths	Tested
36,504	2,629	305,381
		0.07% of population

Louisiana Daily Increase of Positive Cases
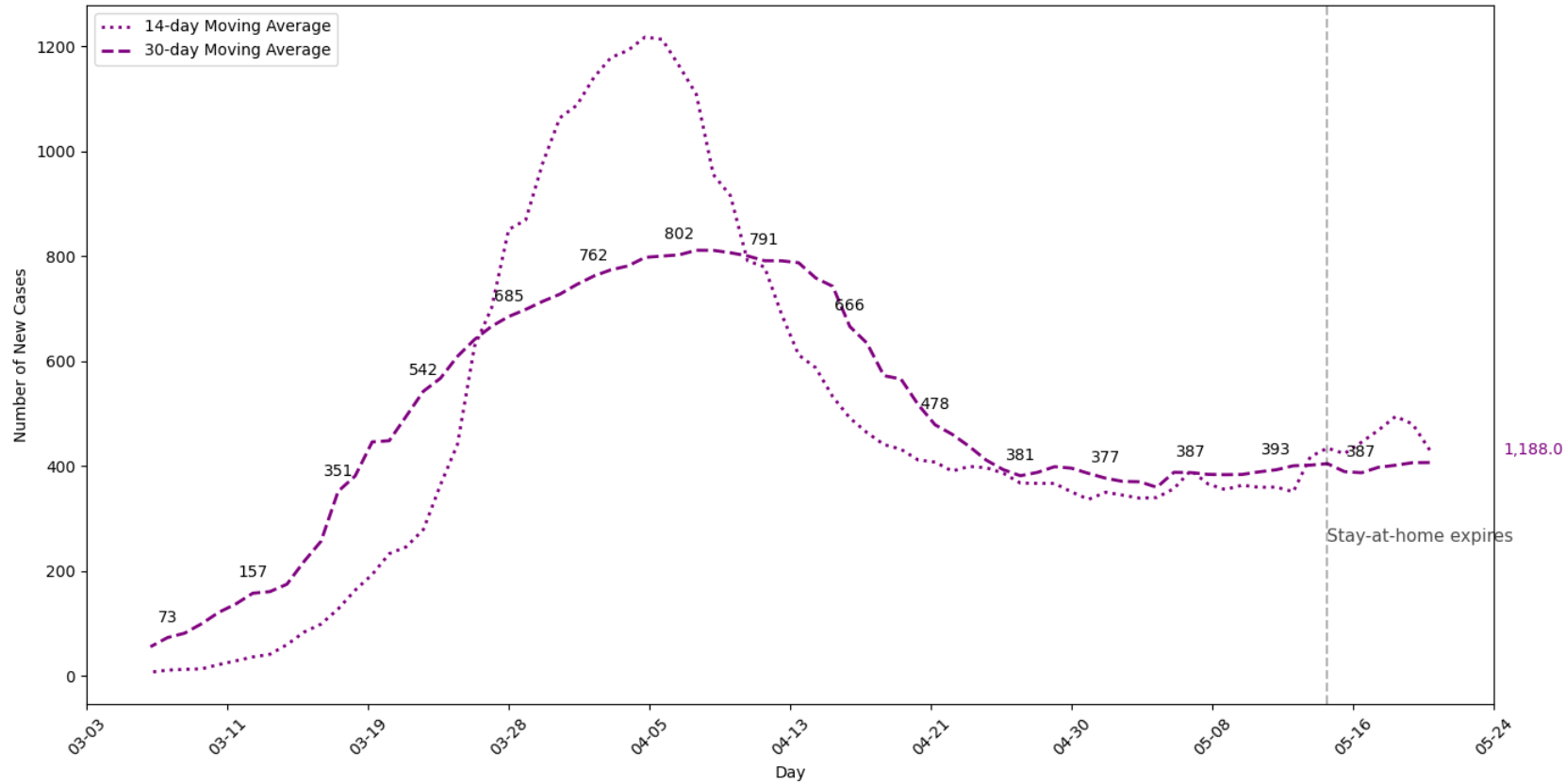
Louisiana Confirmed Cases
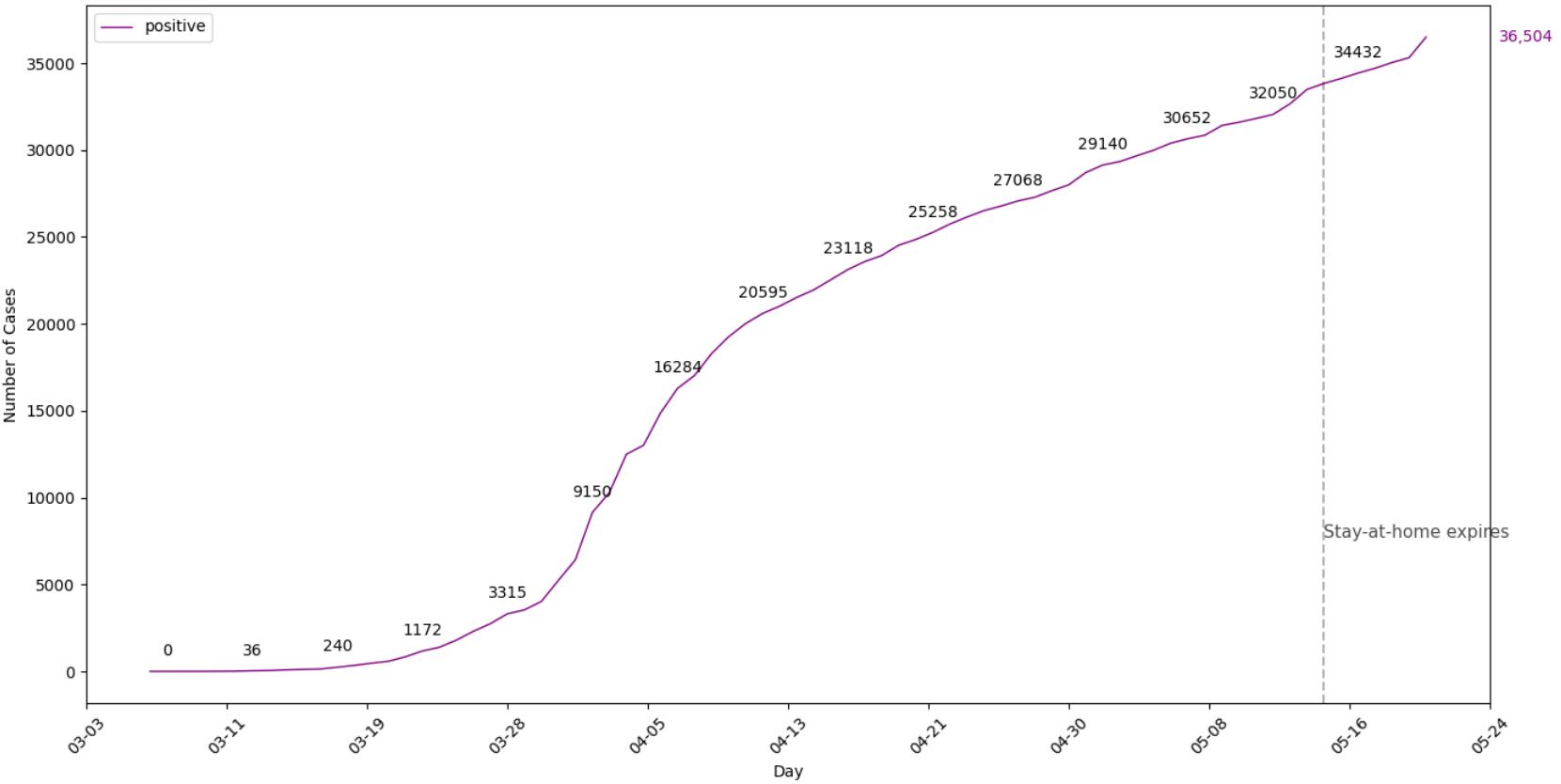
Louisiana State University - East Baton Rouge

Daily Increase of Positive Cases
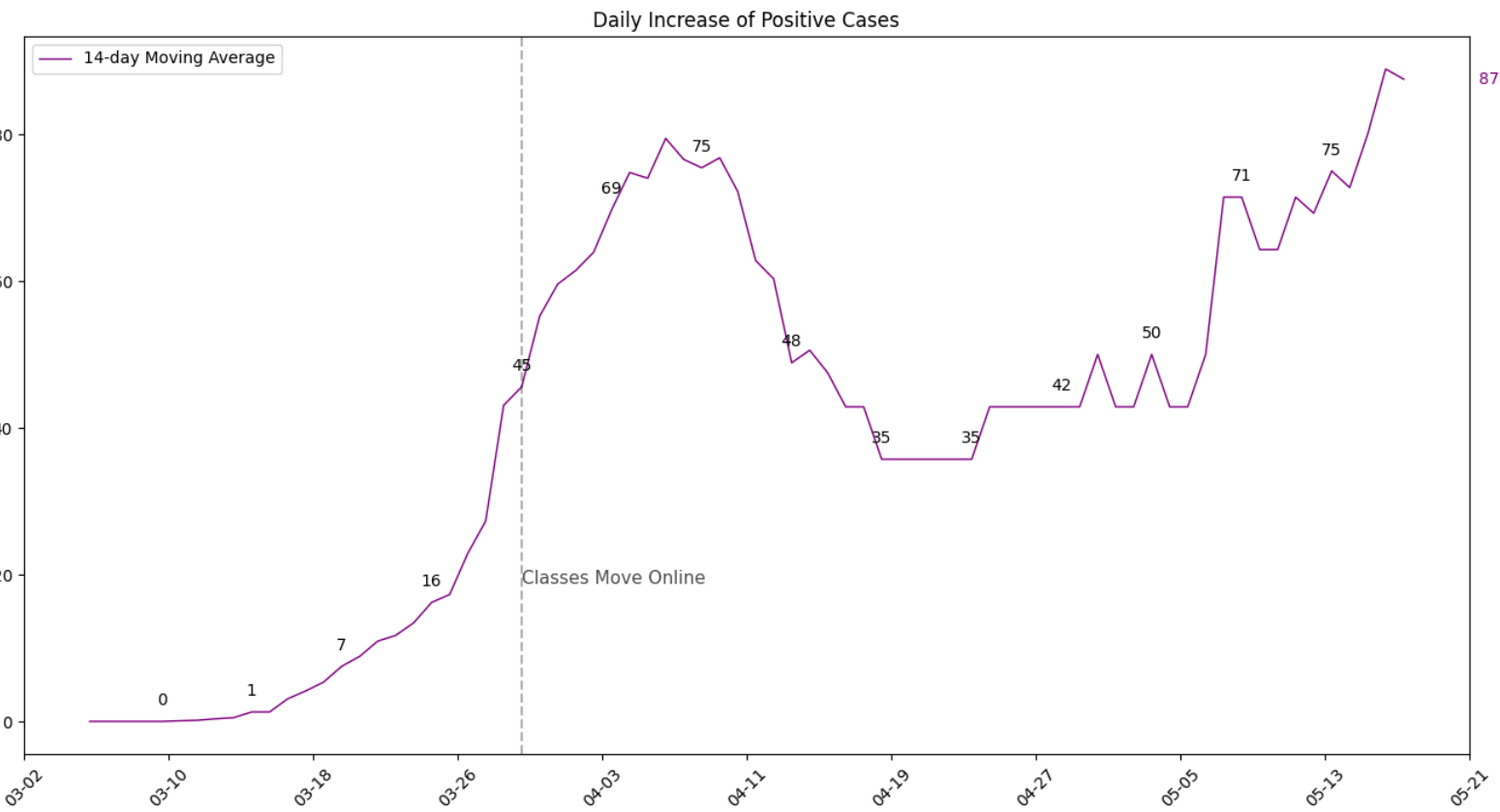
Florida

— Data Quality Grade: A

Confirmed Cases	Deaths	Tested
48,675	2,222	813,929
		0.04% of population

Florida Daily Increase of Positive Cases
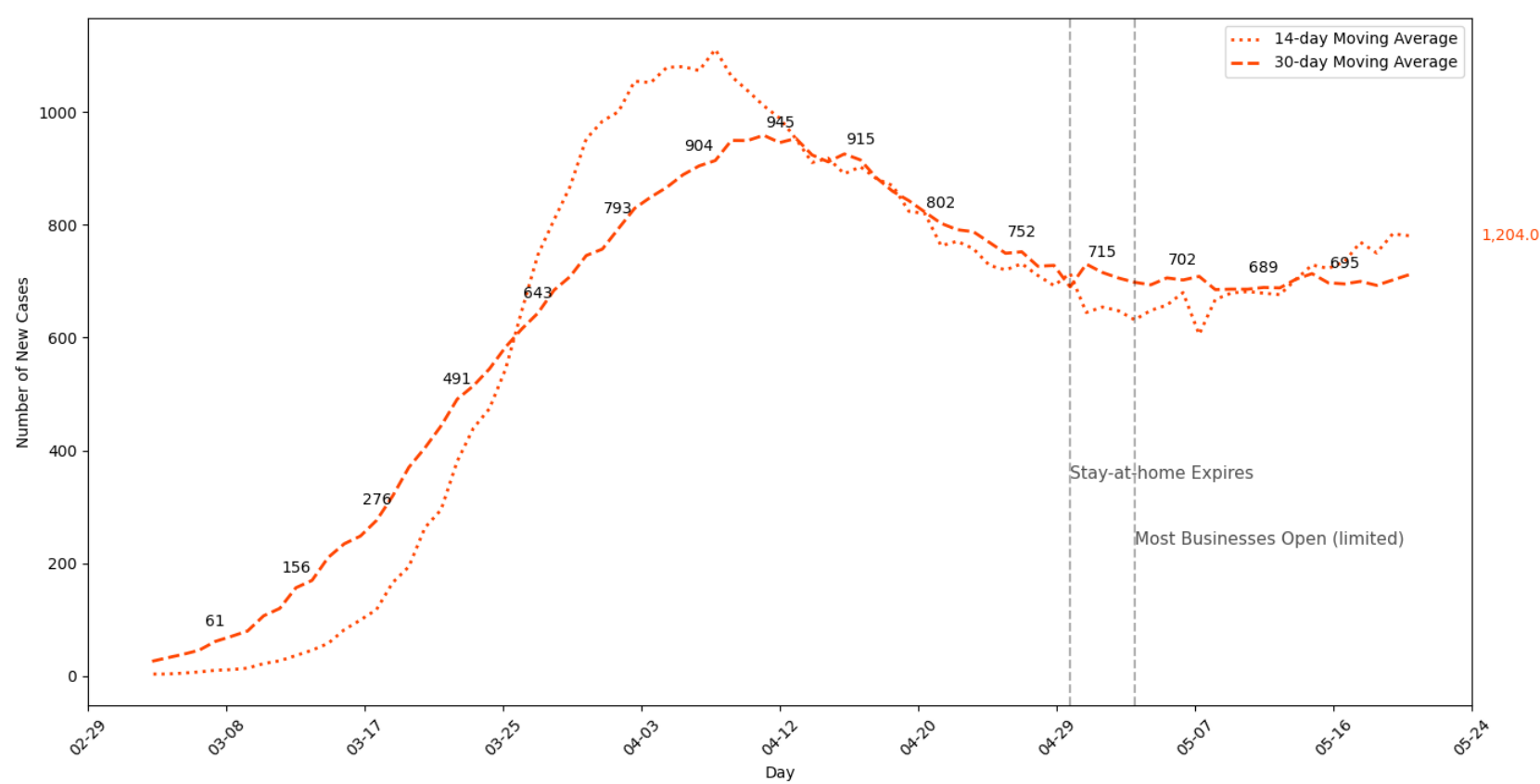
Florida Confirmed Cases
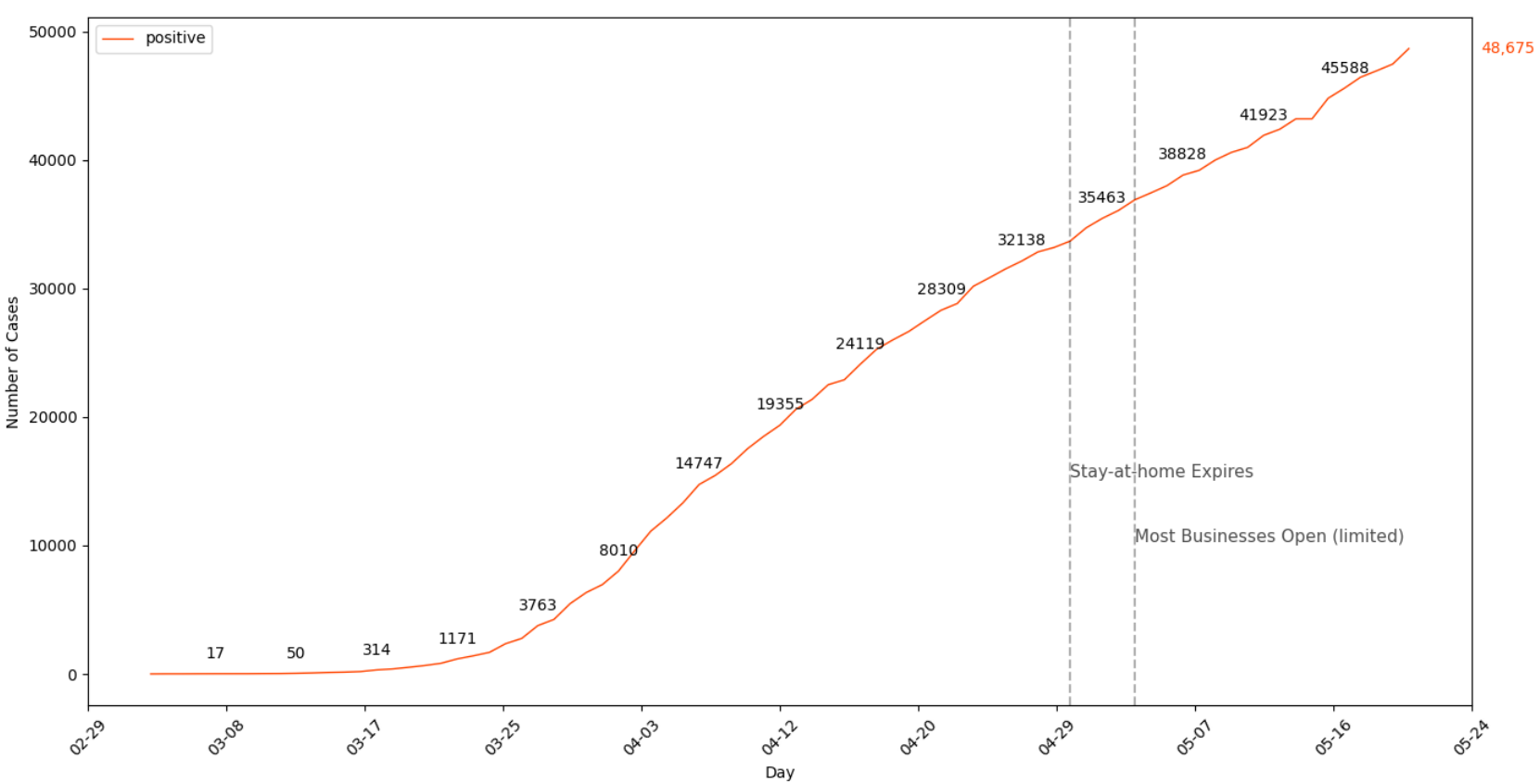
University of Florida - Alachua County

Daily Increase of Positive Cases
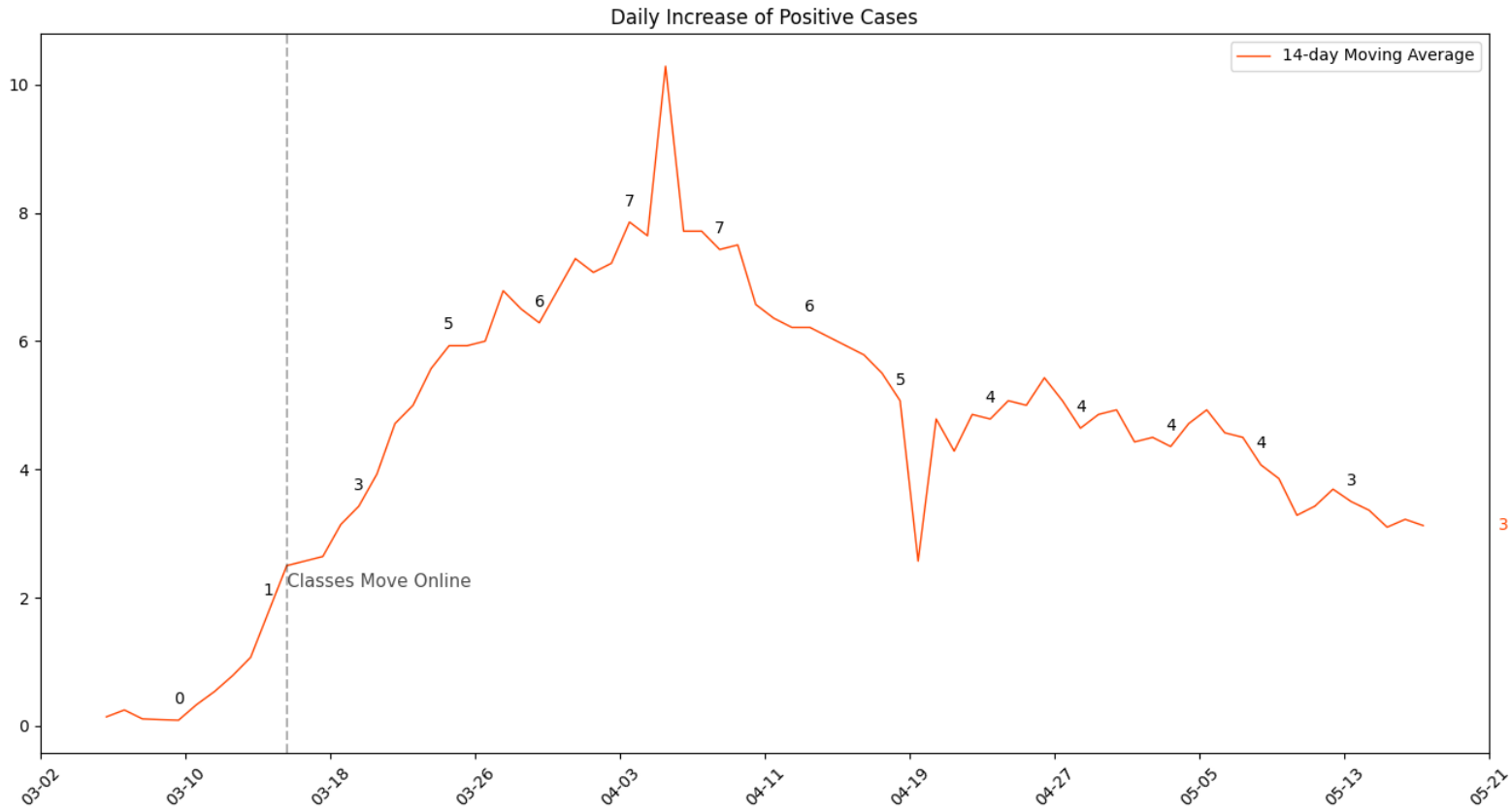
Missouri

— Data Quality Grade: B

Confirmed Cases	Deaths	Tested
11,340	661	162,092
		0.03% of population

Missouri Daily Increase of Positive Cases
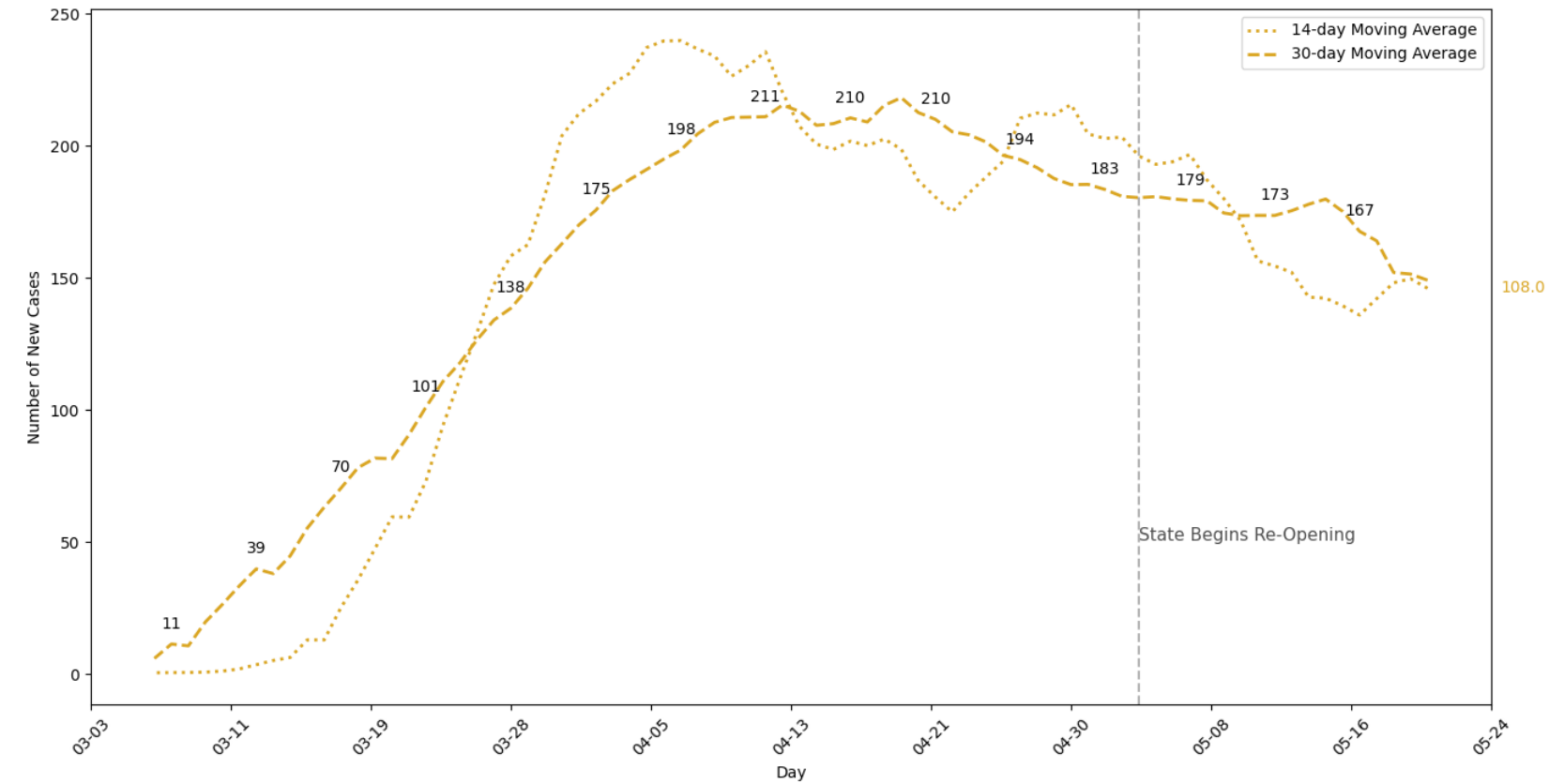
Missouri Confirmed Cases
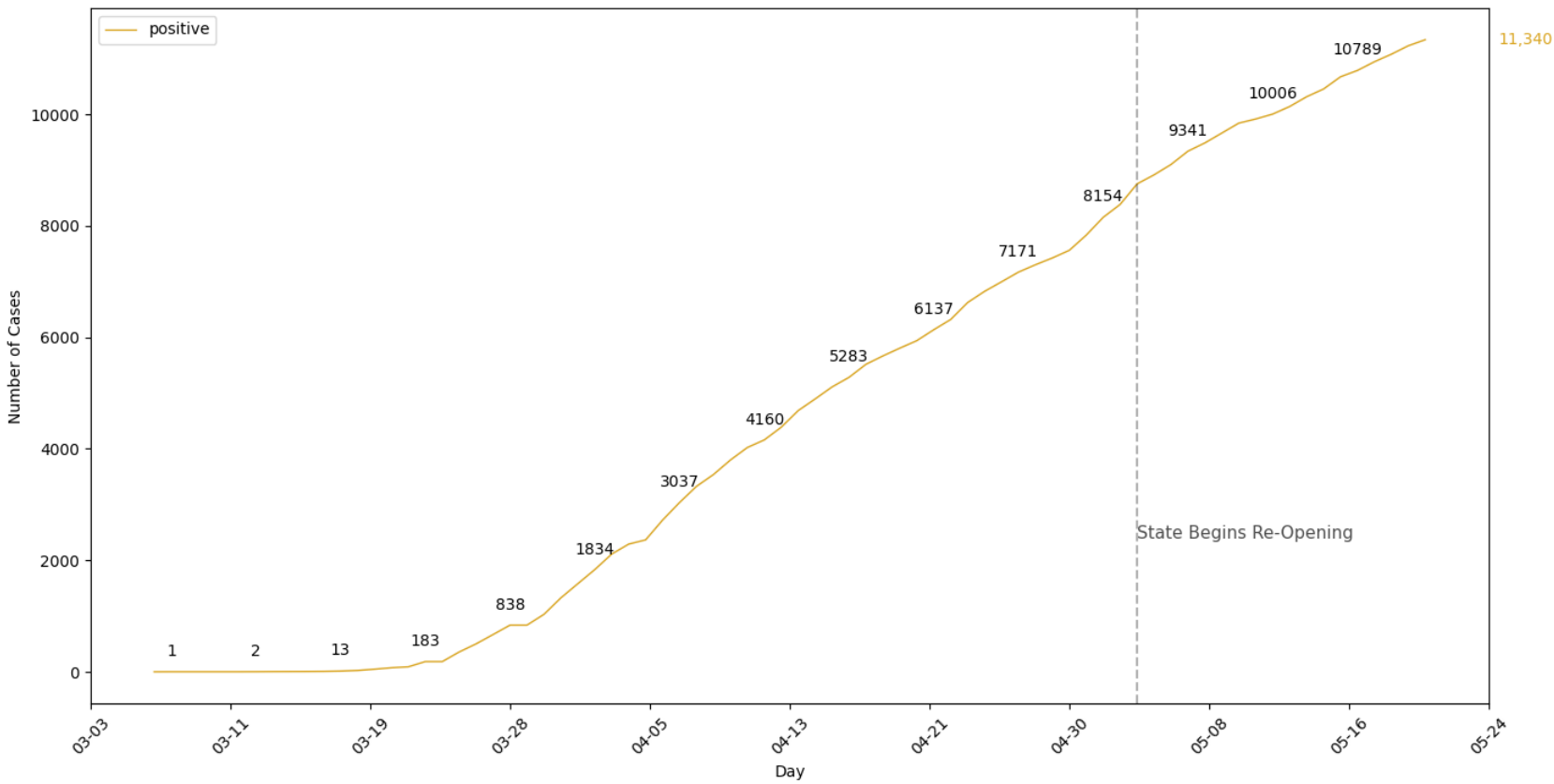
University of Missouri - Boone County

Daily Increase of Positive Cases
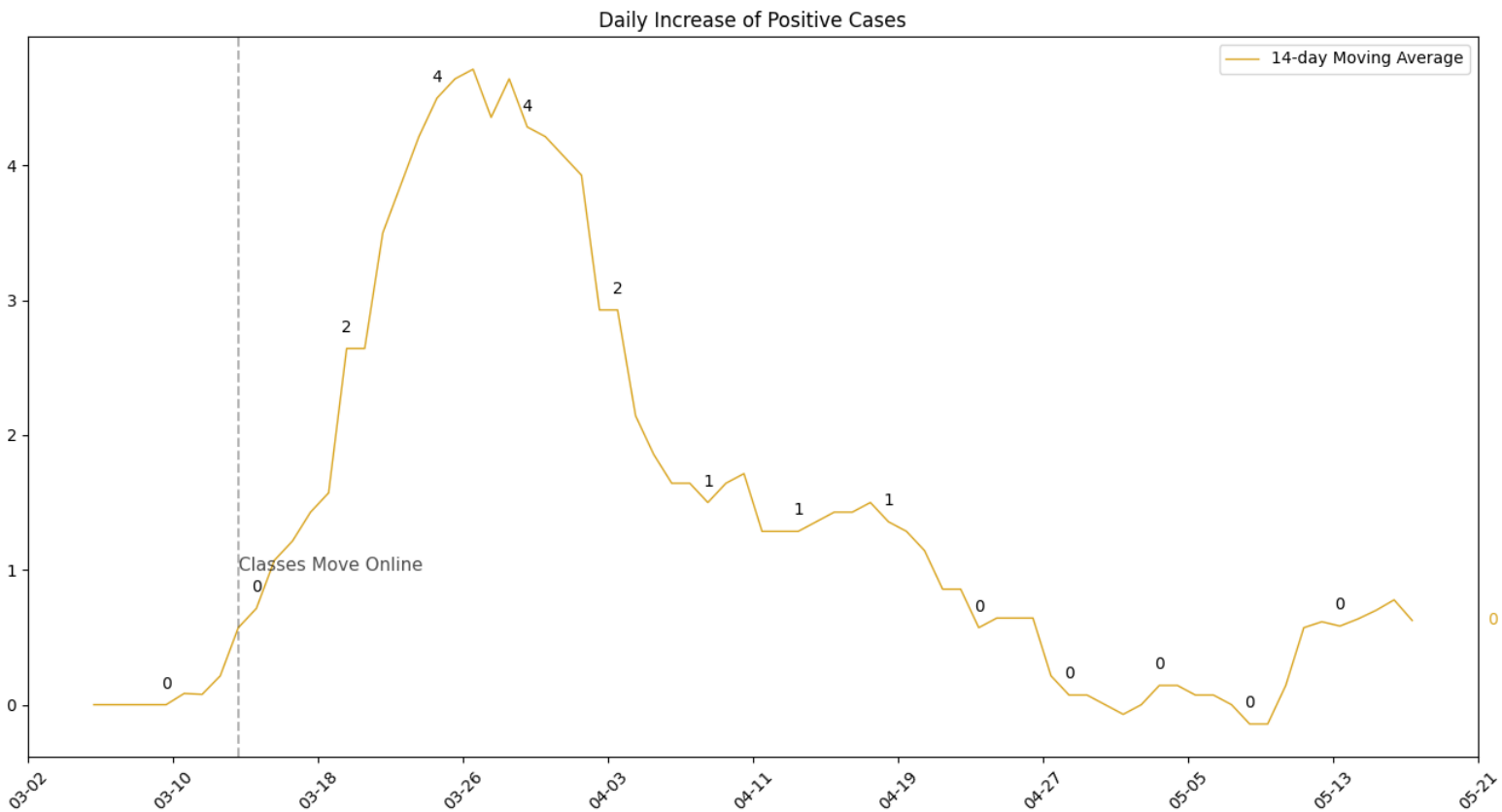
Arkansas

— Data Quality Grade: C

Confirmed Cases	Deaths	Tested
402	10	39,545
		0.01% of population

Arkansas Daily Increase of Positive Cases
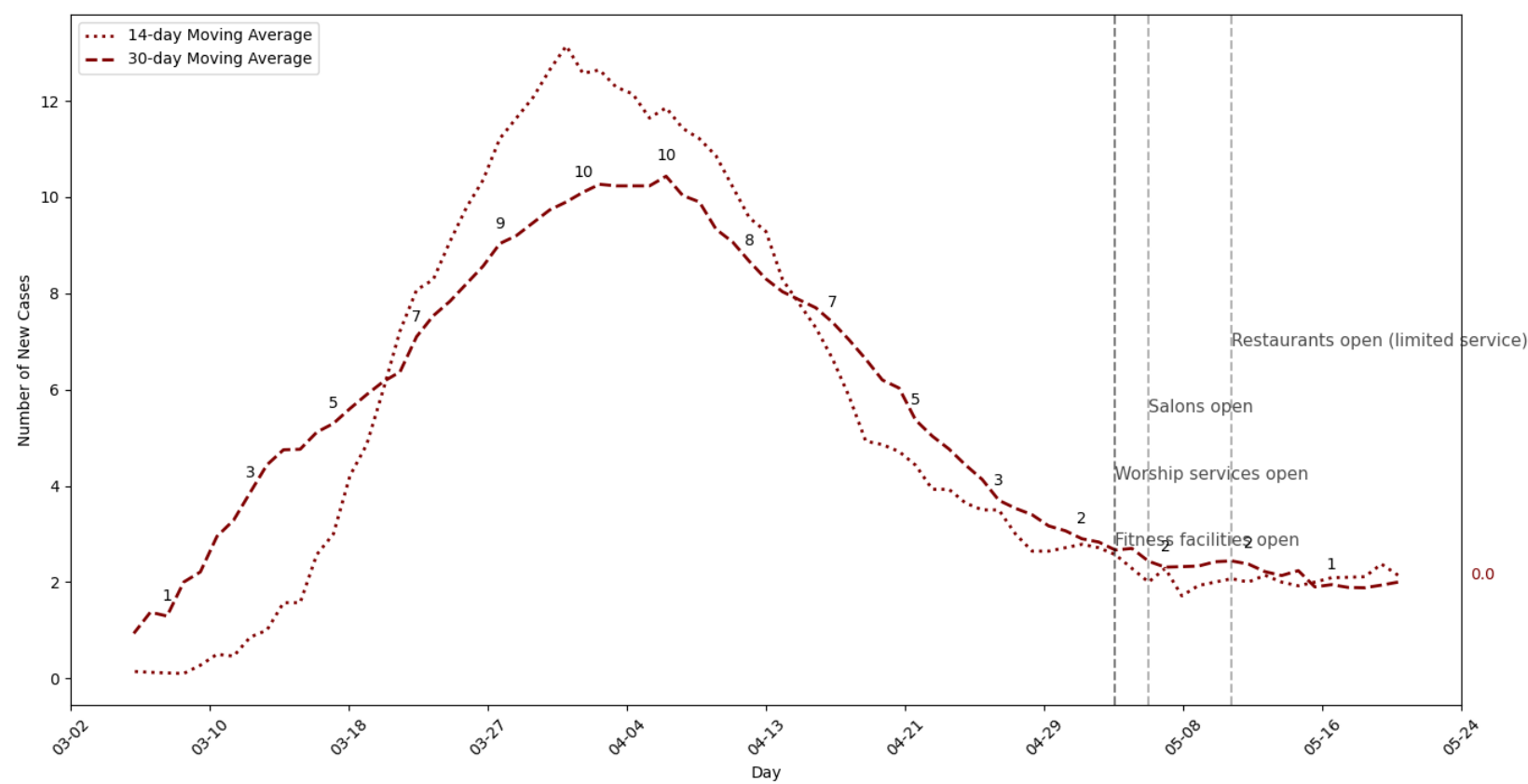
Arkansas Confirmed Cases
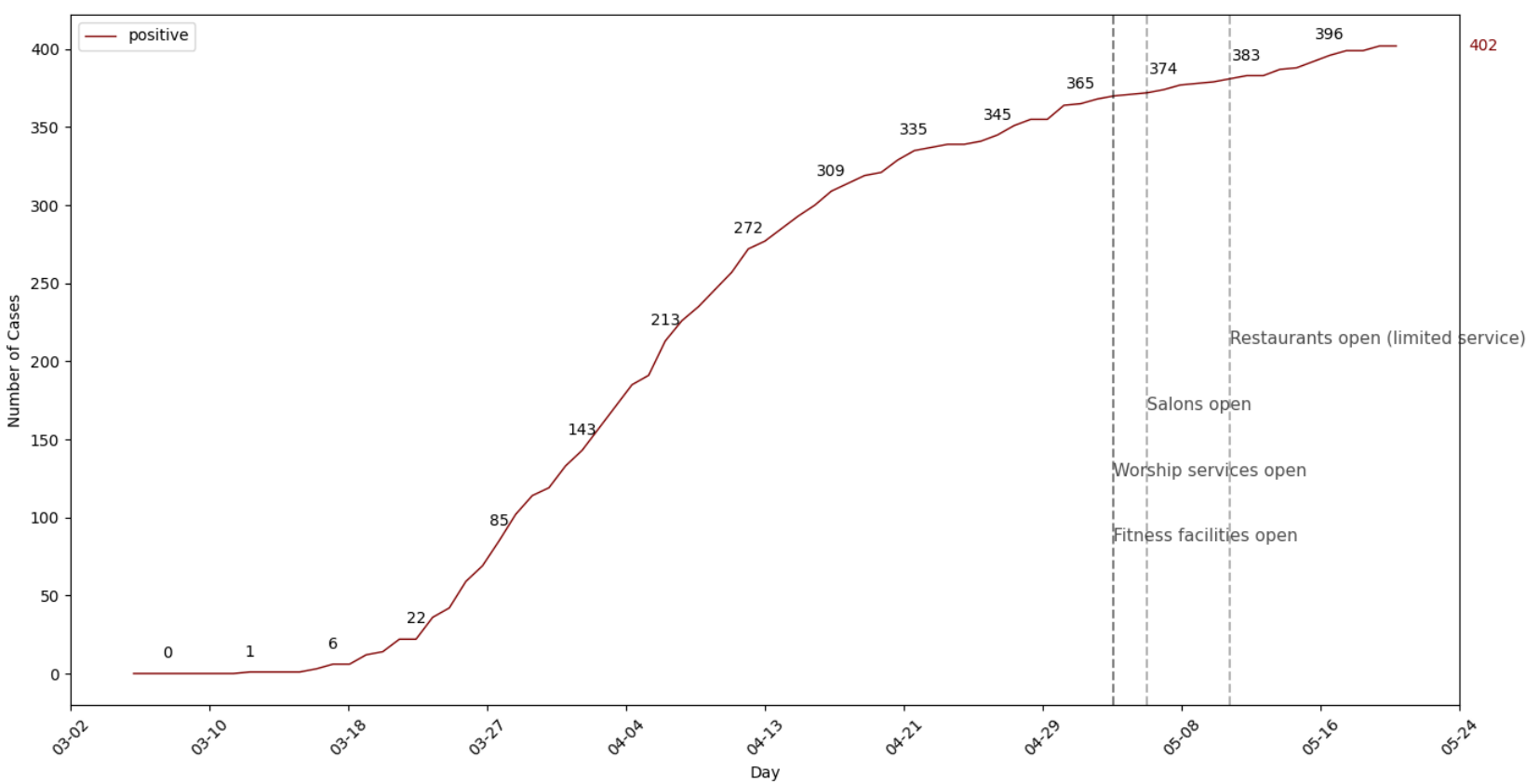
University of Arkansas - Washington

Daily Increase of Positive Cases
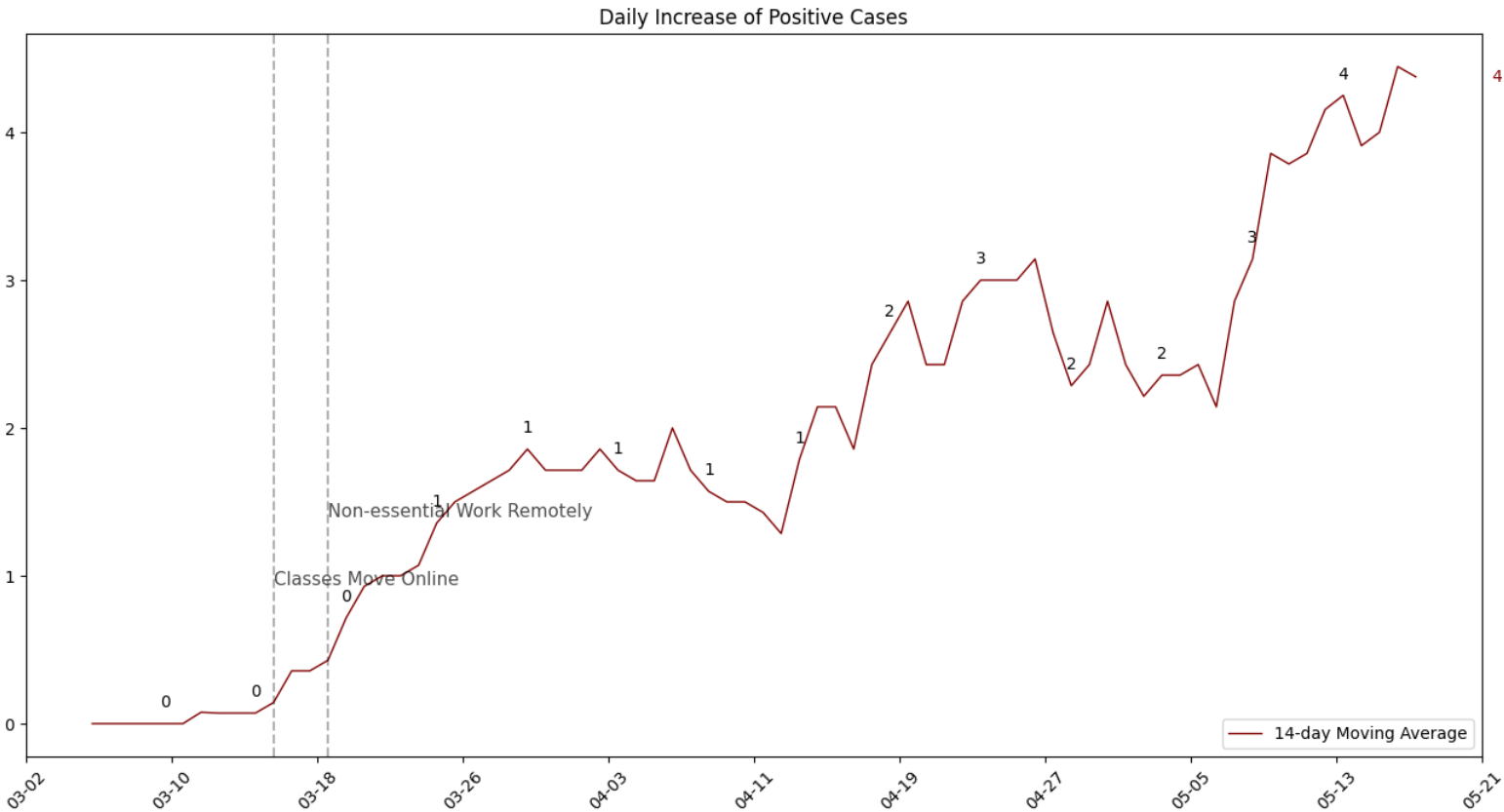
Georgia

— Data Quality Grade: A

Confirmed Cases	Deaths	Tested
40,405	1,754	407,731
		0.04% of population

Georgia Daily Increase of Positive Cases
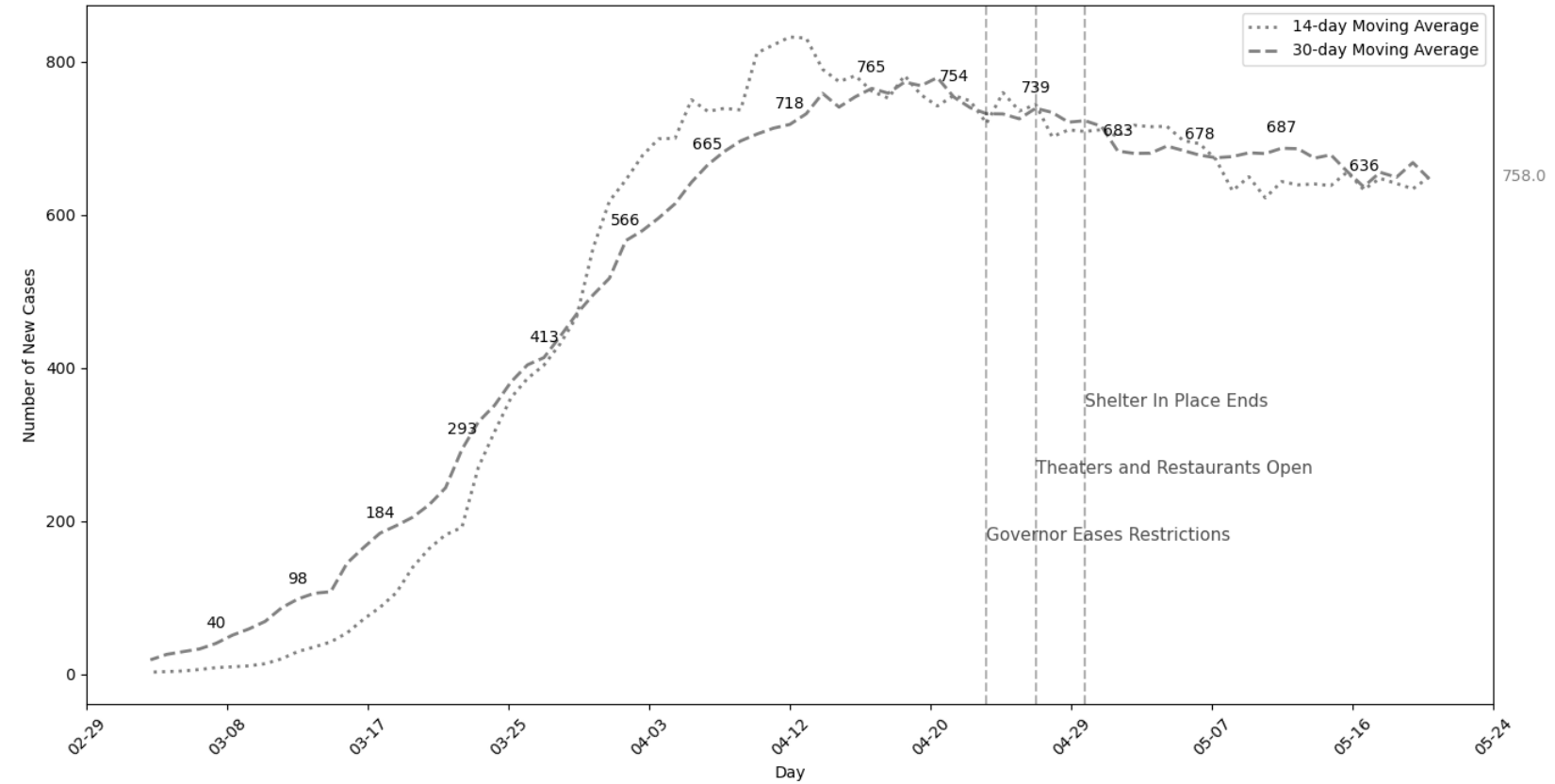
Georgia Confirmed Cases
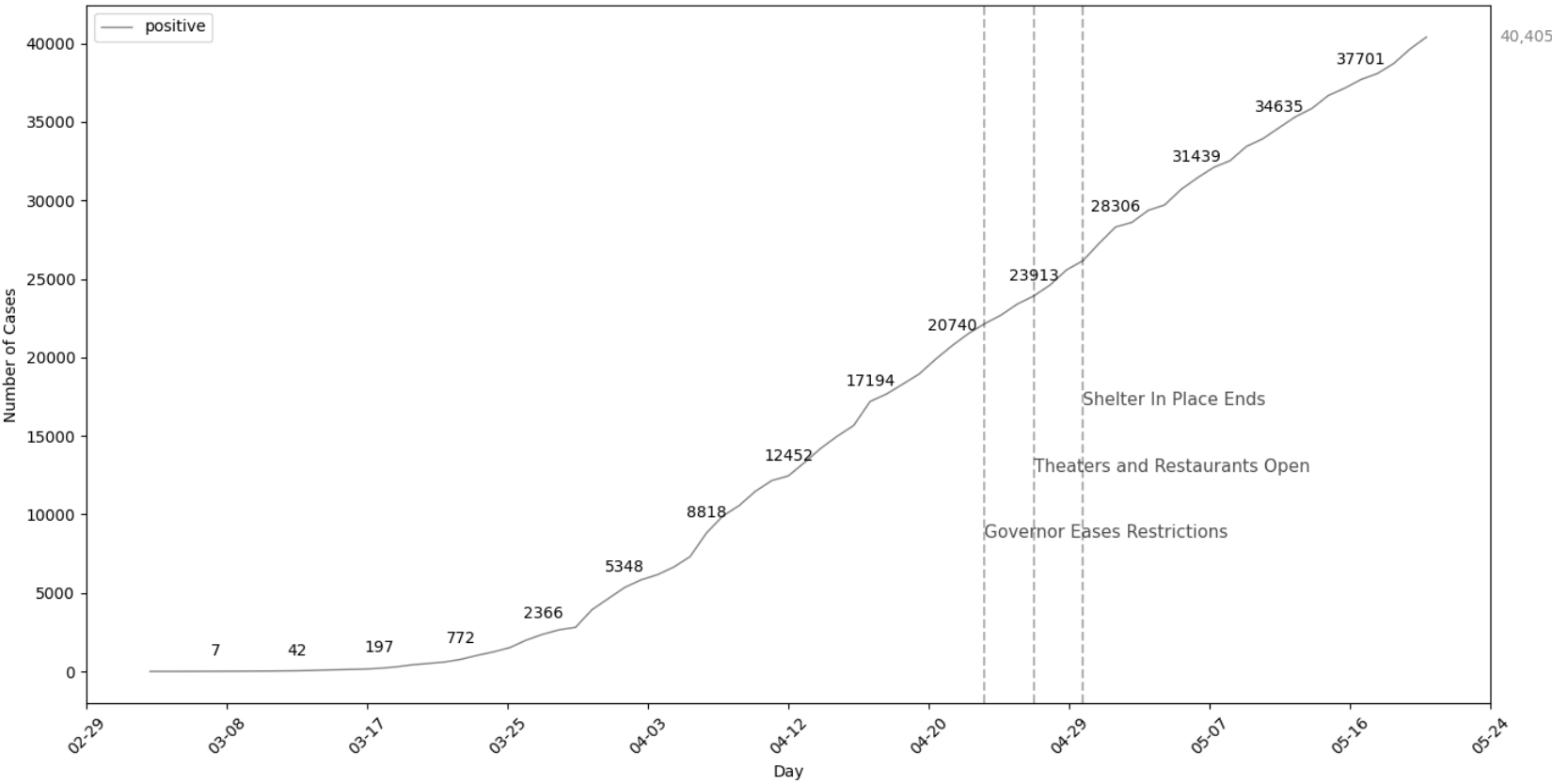
University of Georgia - Athens-Clarke

Daily Increase of Positive Cases
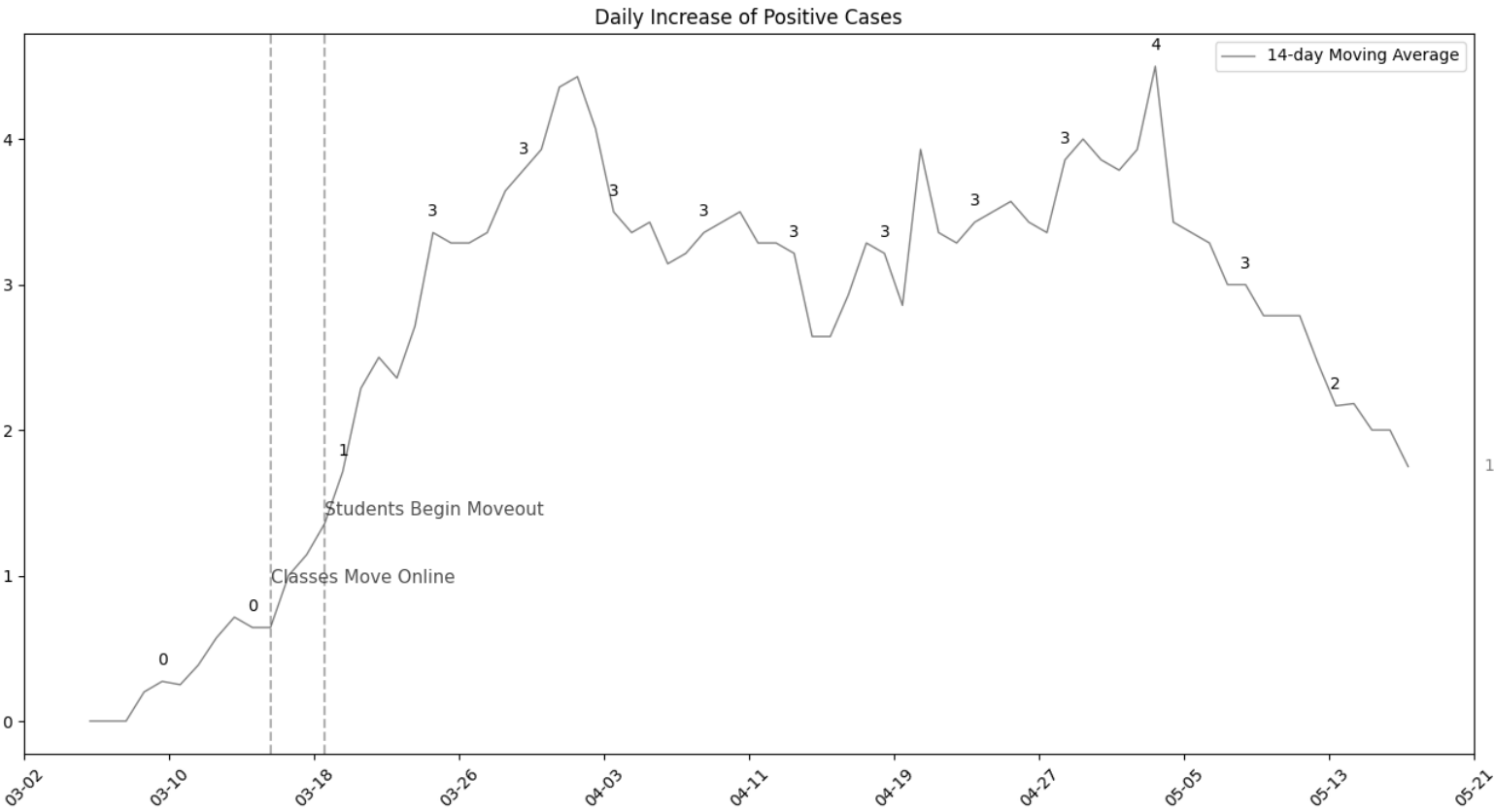
Mississippi

— Data Quality Grade: A+

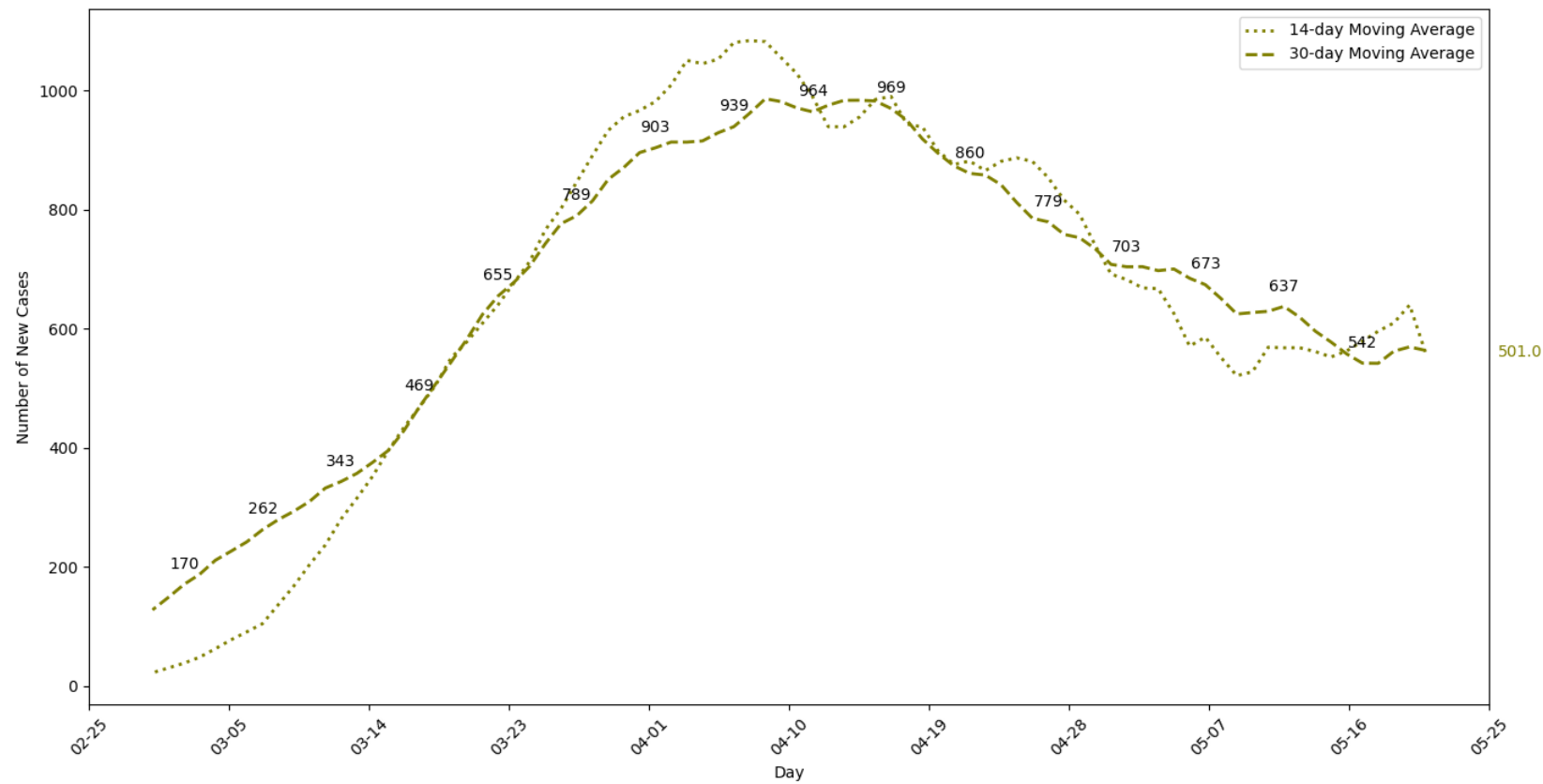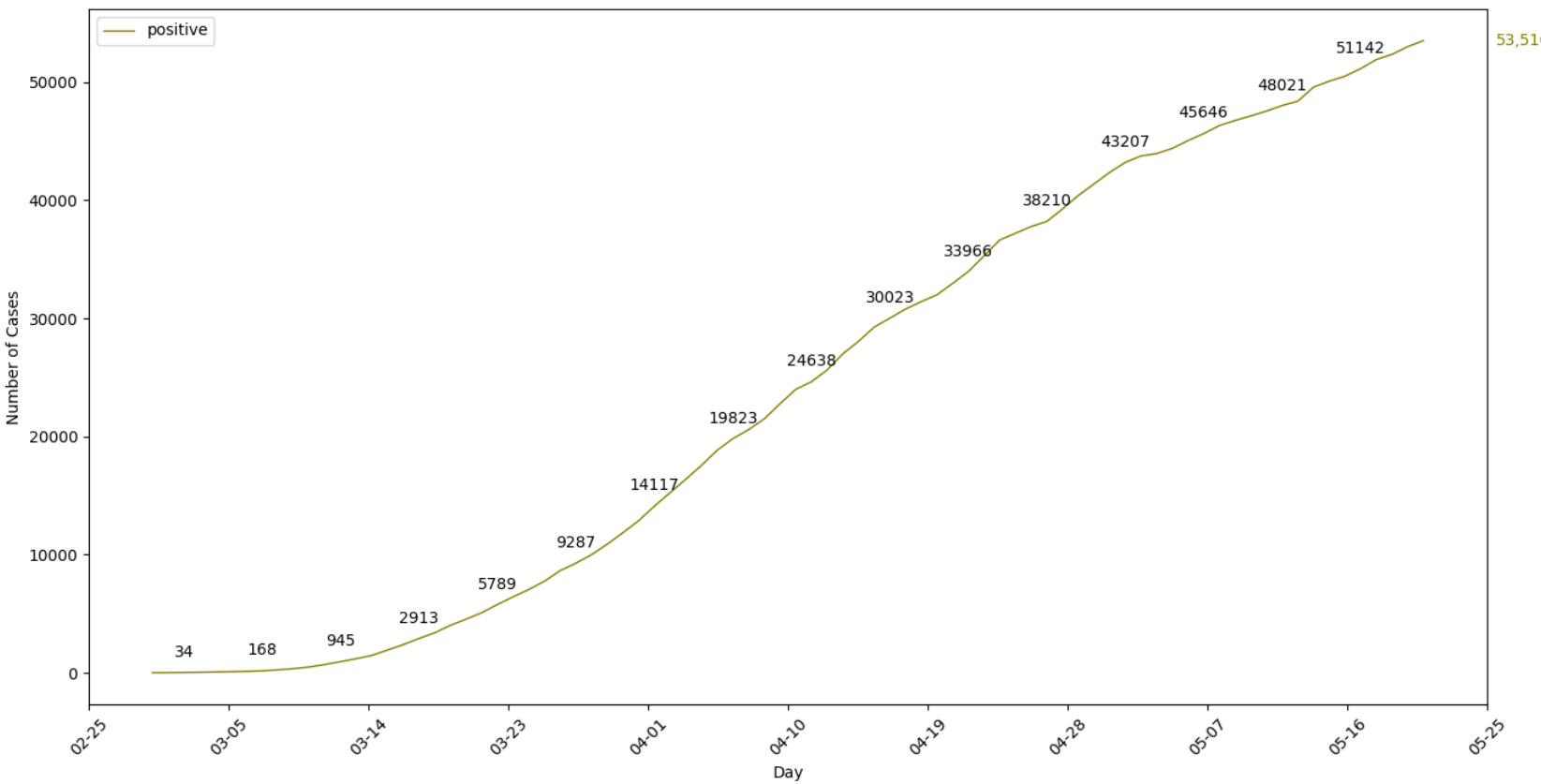| Confirmed Cases	Deaths	Tested
53,510	5,219	454,740
		0.15% of population

Mississippi Daily Increase of Positive Cases

Mississippi Confirmed Cases

Mississippi State University - Oktibbeha County

Daily Increase of Positive Cases
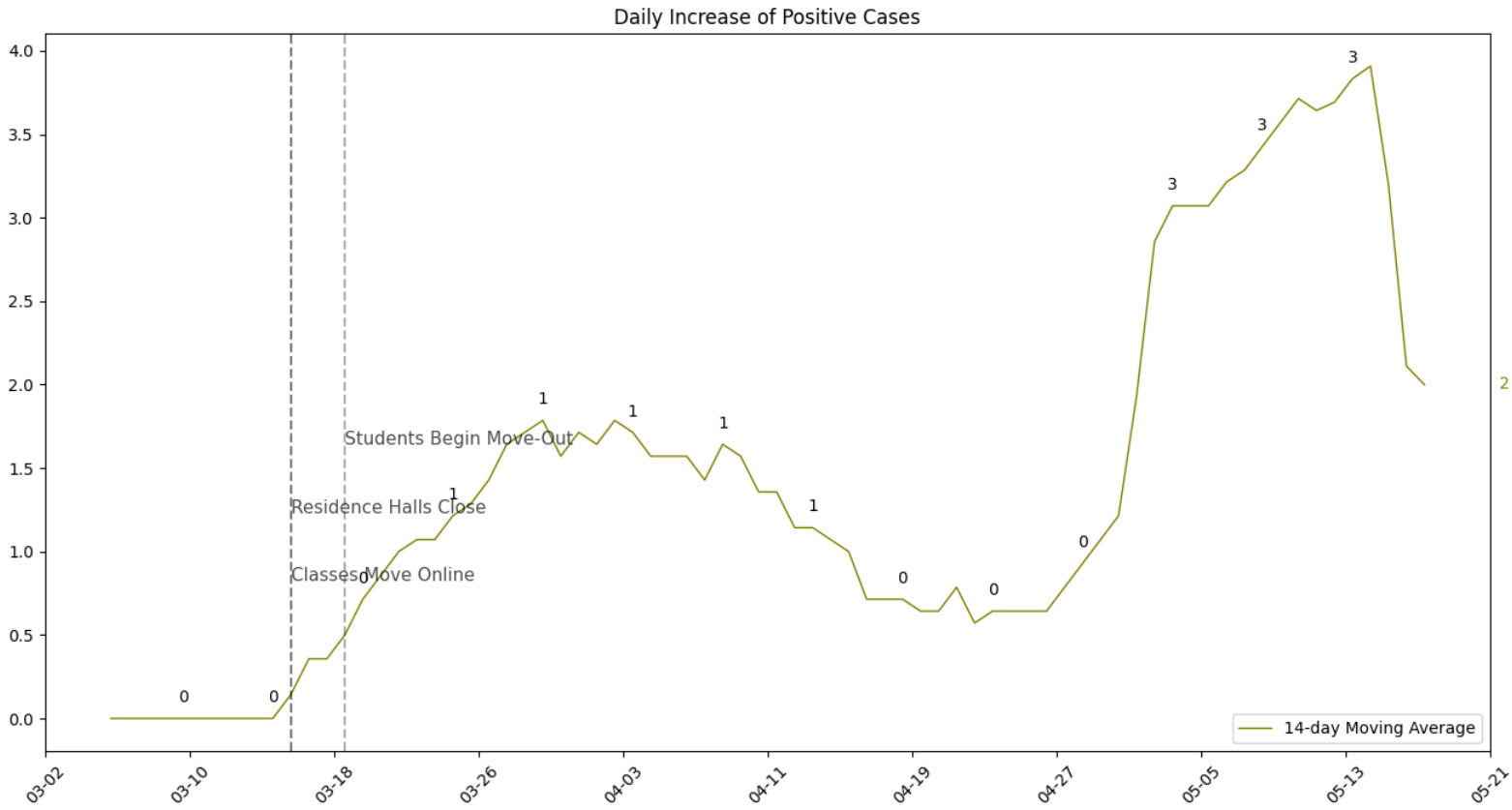
South Carolina

— Data Quality Grade: A+

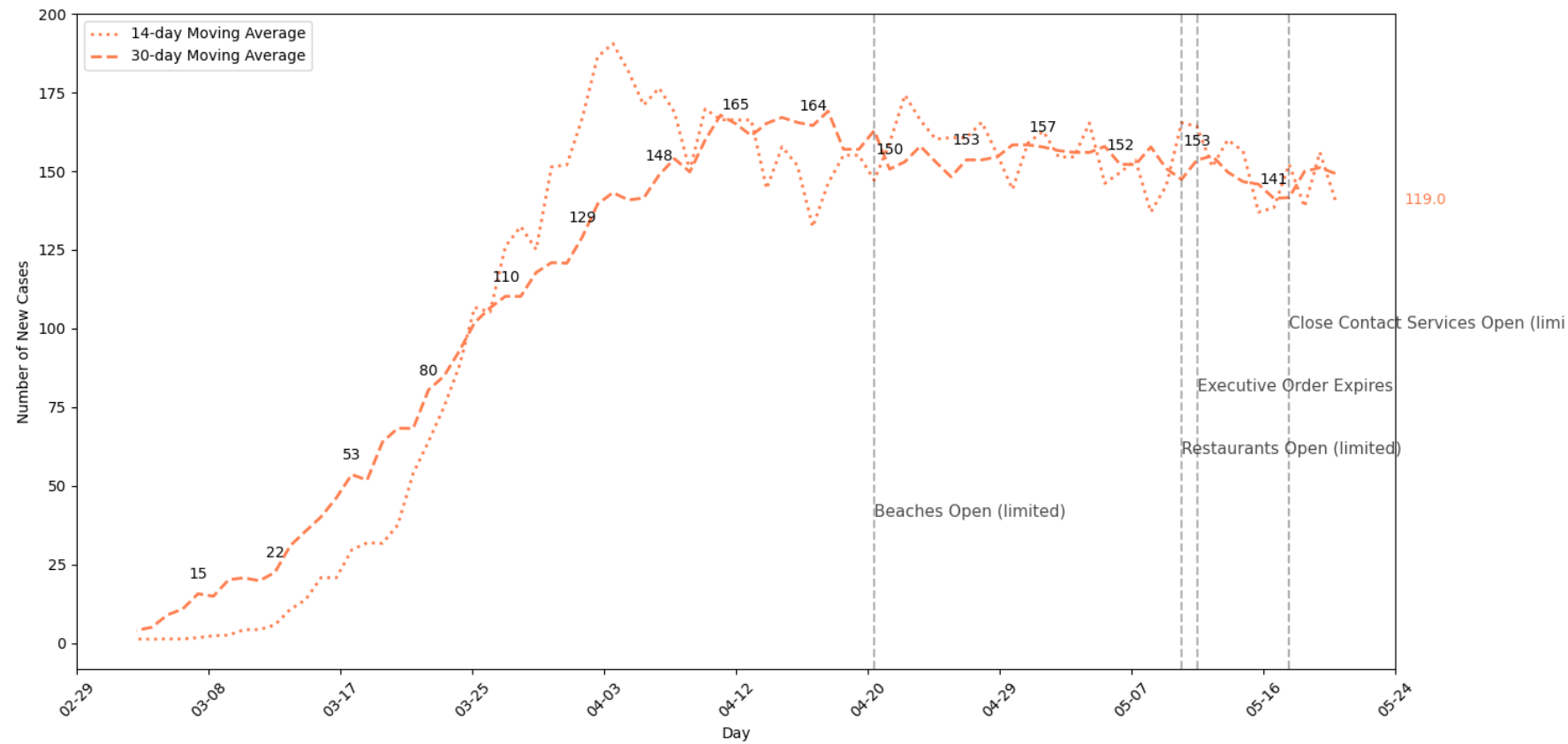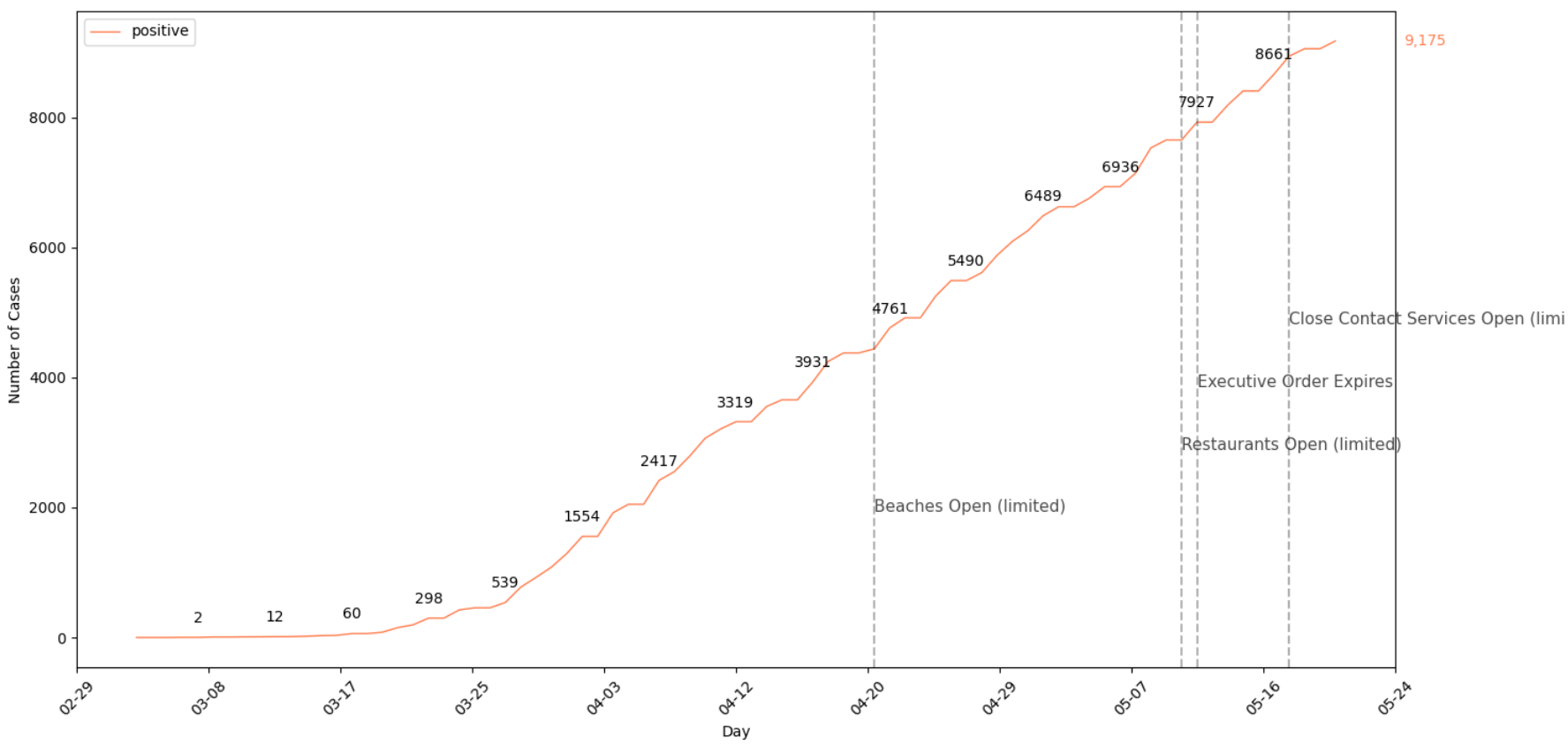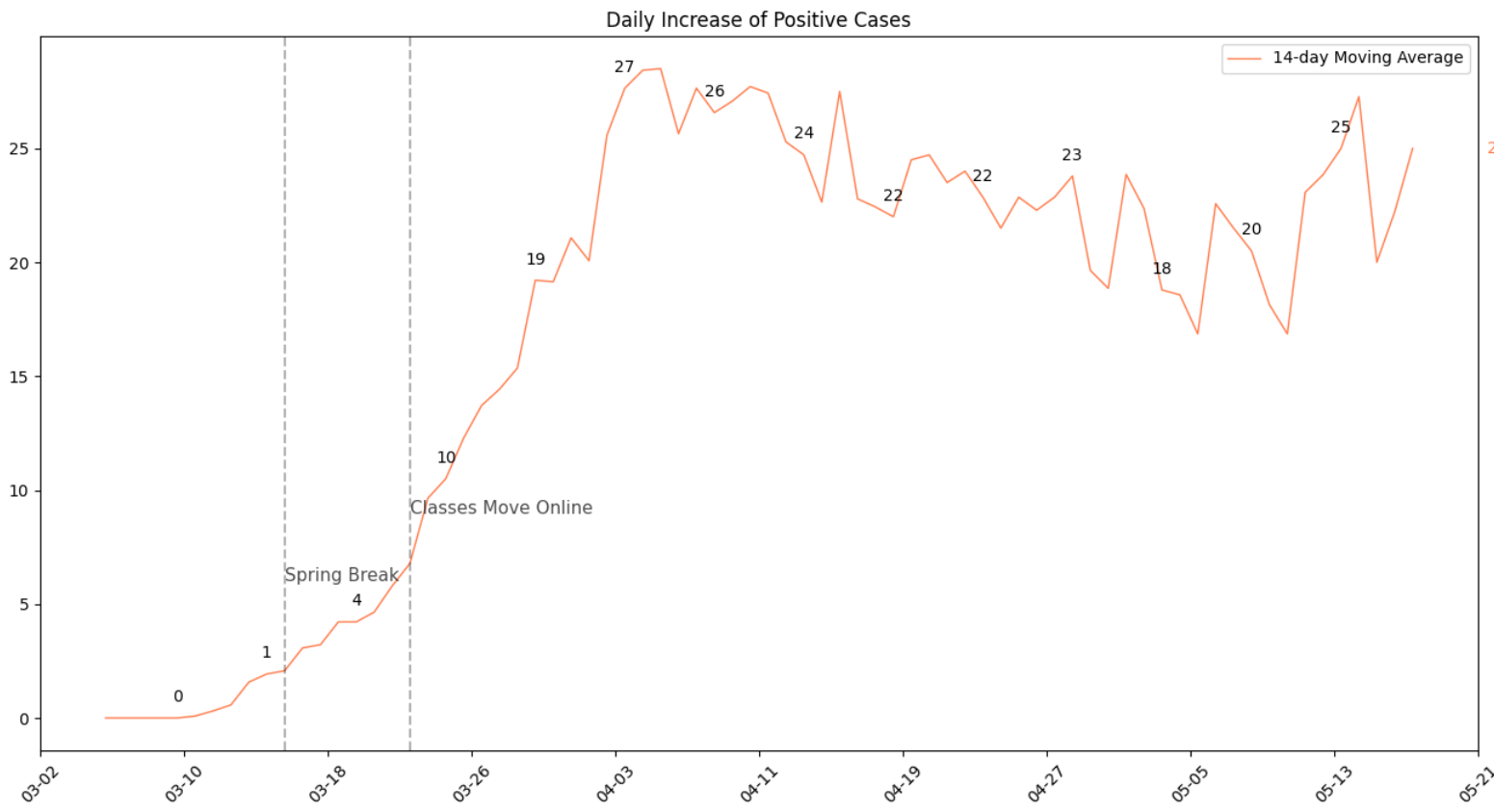| Confirmed Cases	Deaths	Tested
9,175	407	138,238
		0.03% of population

South Carolina Daily Increase of Positive Cases

South Carolina Confirmed Cases

University of South Carolina - Richland

Daily Increase of Positive Cases

Texas

— Data Quality Grade: B

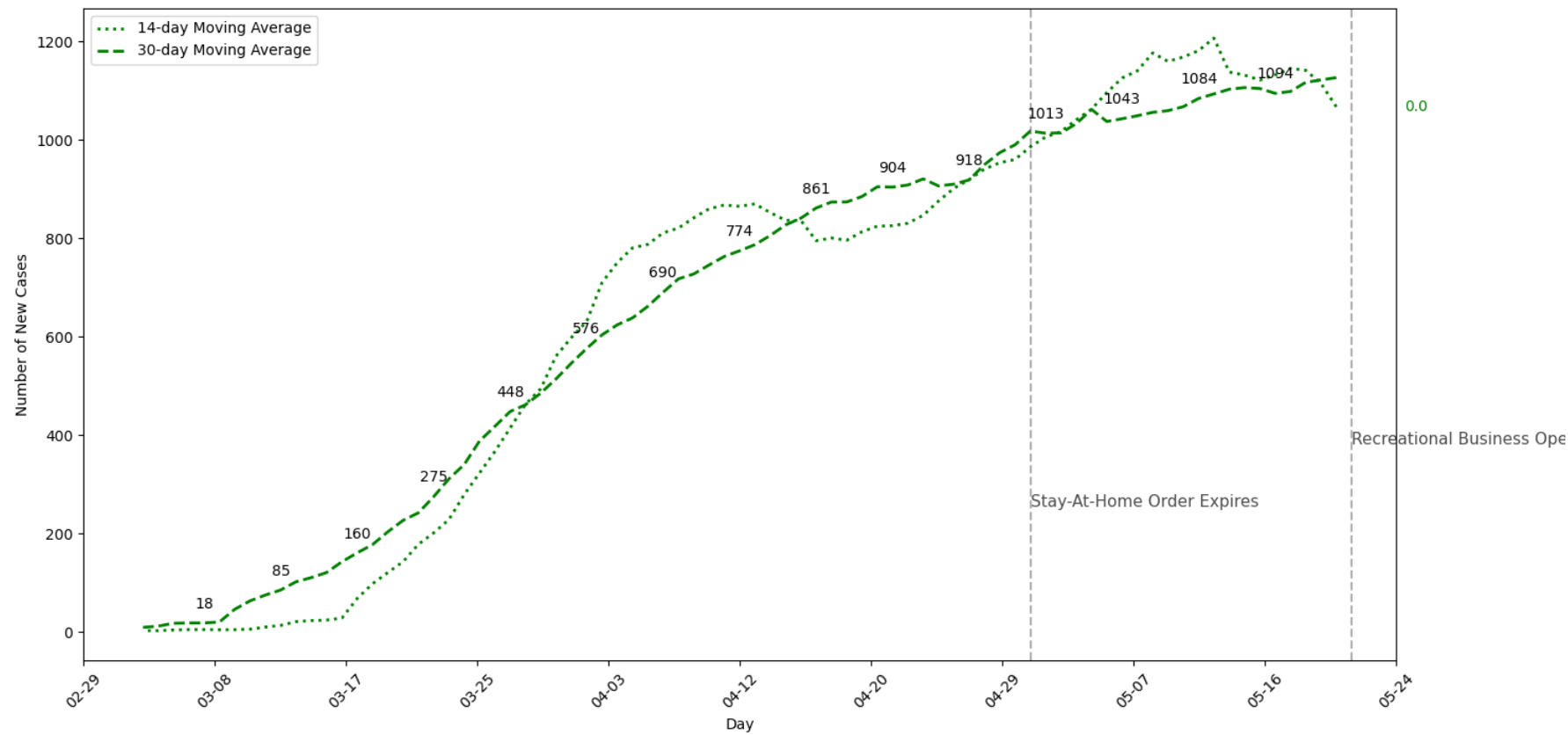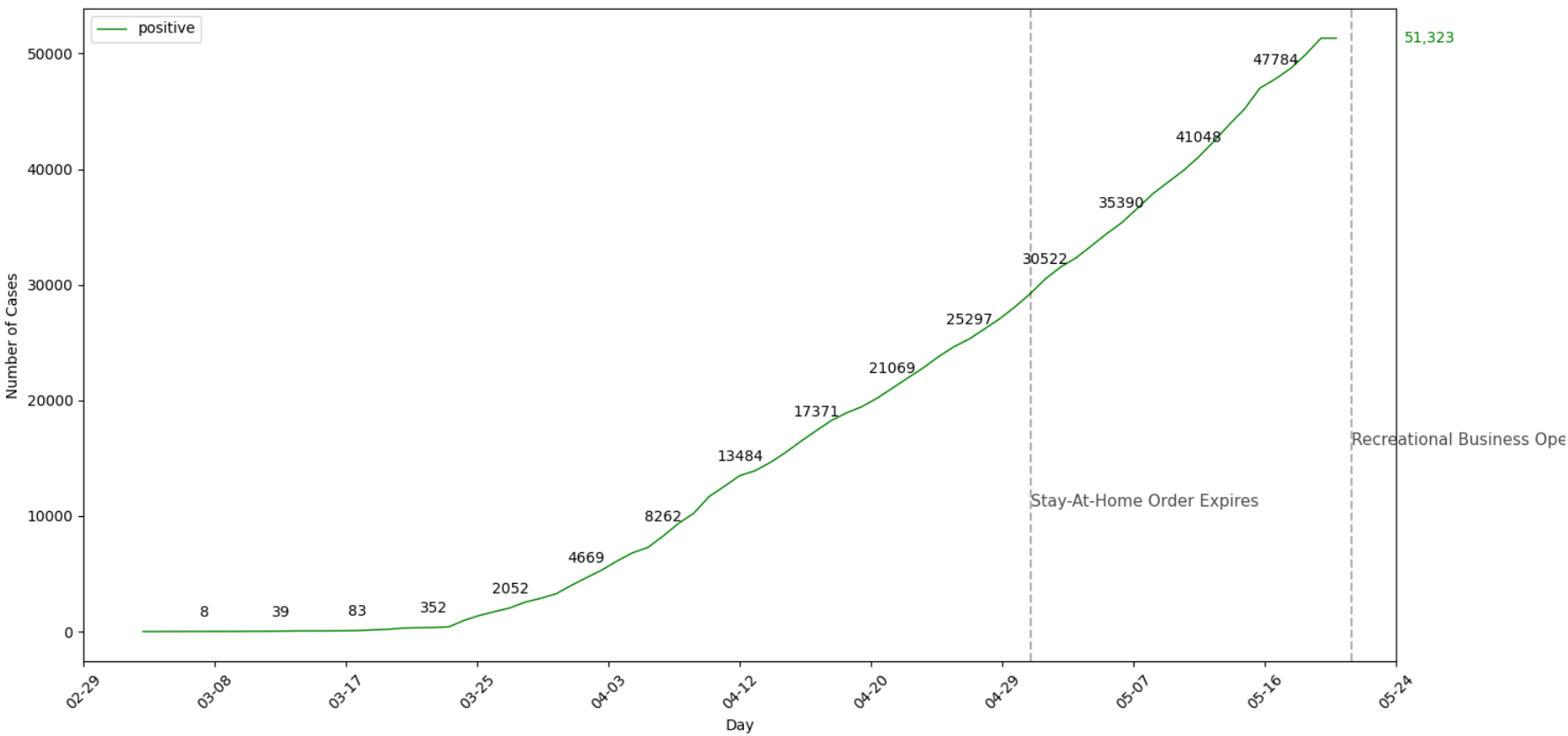| Confirmed Cases	Deaths	Tested
51,323	1,419	770,241
		0.03% of population

Texas Daily Increase of Positive Cases

Texas Confirmed Cases

Texas A&M - Brazos

Daily Increase of Positive Cases