

COVID-19 Report

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Report Date: September 29 2021

You can contact me through:

<https://cdelgadosalas.com>

Datasets

This document shows visualizations of the rate of infection of COVID 19 in different places. This document was put together on 2021-09-29. The data sources come from github repositories of:

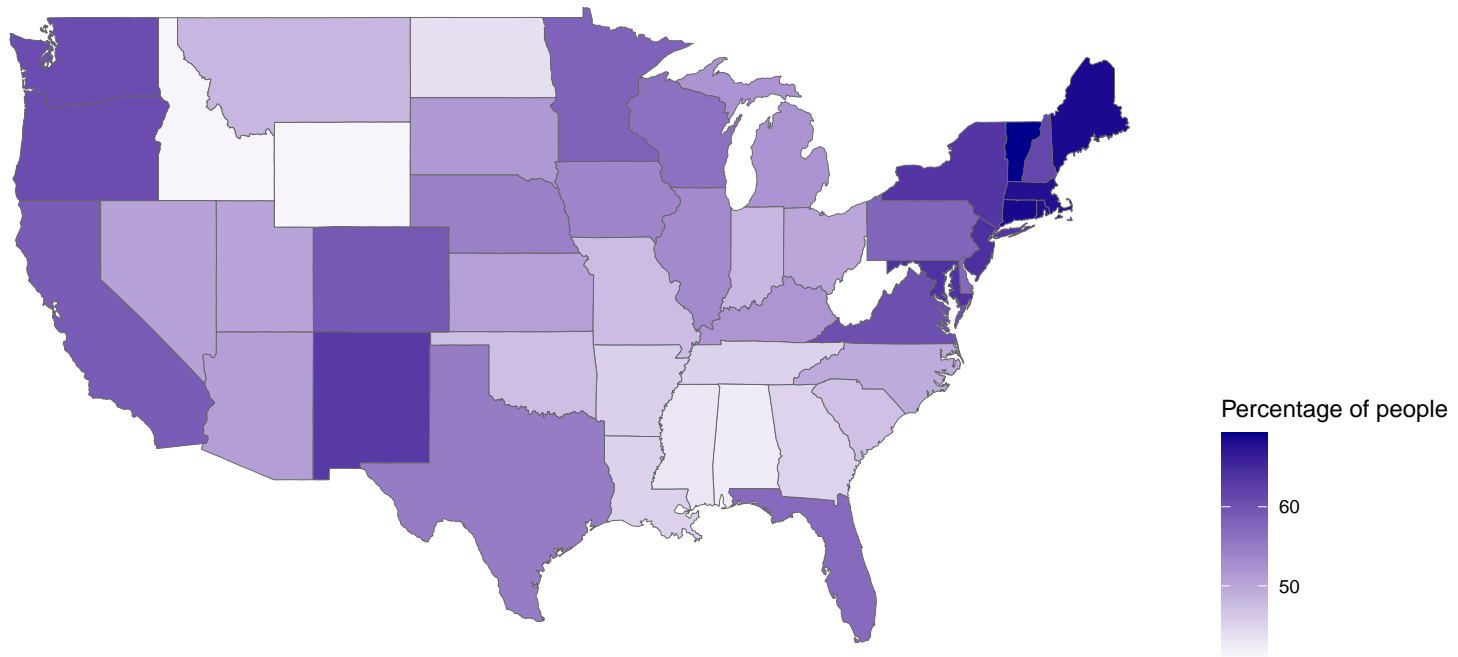
- Johns Hopkins CSSE <https://github.com/CSSEGISandData/COVID-19>
- CovidTracking.com by The Atlantic <https://covidtracking.com/data>
- New York Times <https://github.com/nytimes/covid-19-data>
- Our World in Data <https://github.com/owid/covid-19-data>

Vaccine

Vaccine in the US

Percentage of the population fully vaccinated (people who received all doses prescribed by the vaccination protocol) by US State

People fully vaccinated (2021-09-28)



State	Percent of people fully vaccinated
Alabama	42.45
Arizona	50.98
Arkansas	45.39
California	58.86
Colorado	59.24
Connecticut	68.57
Delaware	57.30
District of Columbia	60.02
Florida	57.10
Georgia	45.08
Idaho	41.47
Illinois	53.38
Indiana	48.30
Iowa	53.89
Kansas	50.95
Kentucky	52.08
Louisiana	45.25
Maine	68.40
Maryland	63.99
Massachusetts	67.82
Michigan	52.20
Minnesota	58.05
Mississippi	43.09
Missouri	47.66
Montana	48.34
Nebraska	54.55
Nevada	50.63
New Hampshire	61.44
New Jersey	64.20
New Mexico	62.94
New York State	63.56
North Carolina	49.62
North Dakota	43.92
Ohio	50.12
Oklahoma	47.41
Oregon	60.60
Pennsylvania	57.67

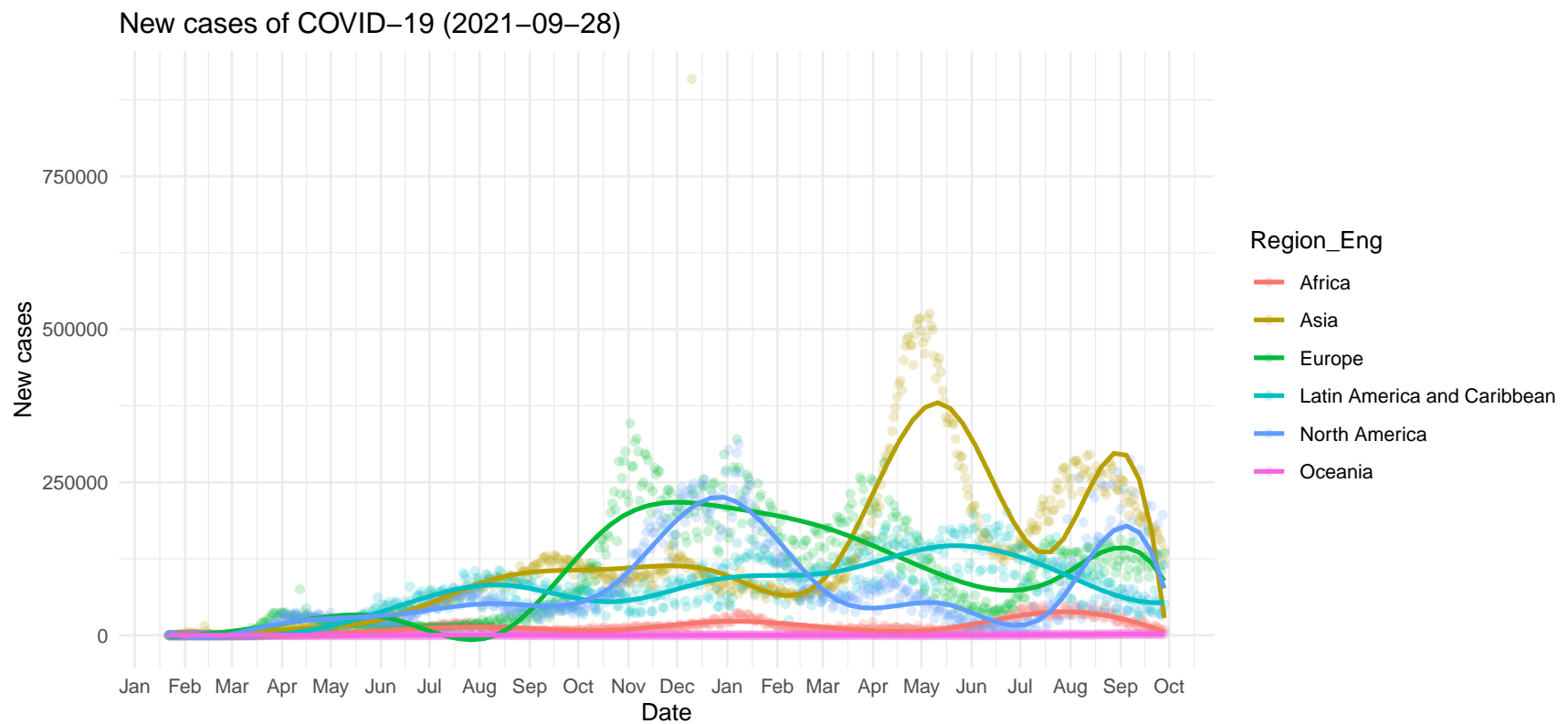
State	Percent of people fully vaccinated
Rhode Island	68.06
South Carolina	47.07
South Dakota	51.56
Tennessee	45.24
Texas	55.08
Utah	50.41
Vermont	69.39
Virginia	60.43
Washington	60.66
West Virginia	40.37
Wisconsin	56.32
Wyoming	41.44

World Regions

New Cases by Region

New cases of infection of COVID-19 in world regions.

(The amount of new cases per day are shown in points (transparency added) and a Loess regression curve is fitted into the data to smoothen the curve)

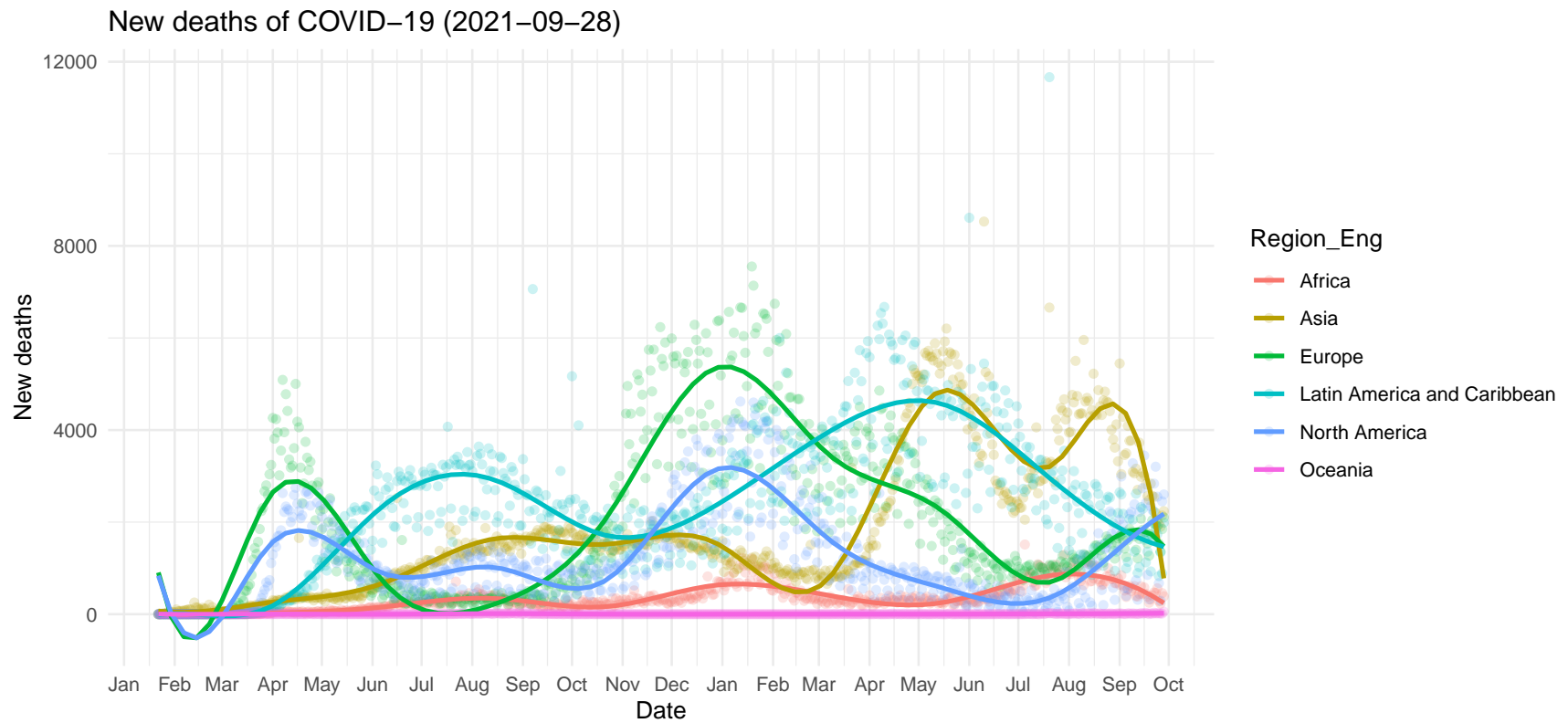


Source: Johns Hopkins University
Author: @cdeigadosalas

New Deaths by Region

New deaths due to COVID-19 in world regions.

(The amount of new deaths per day are shown in points (transparency added) and a Loess regression curve is fitted into the data to smoothen the curve)

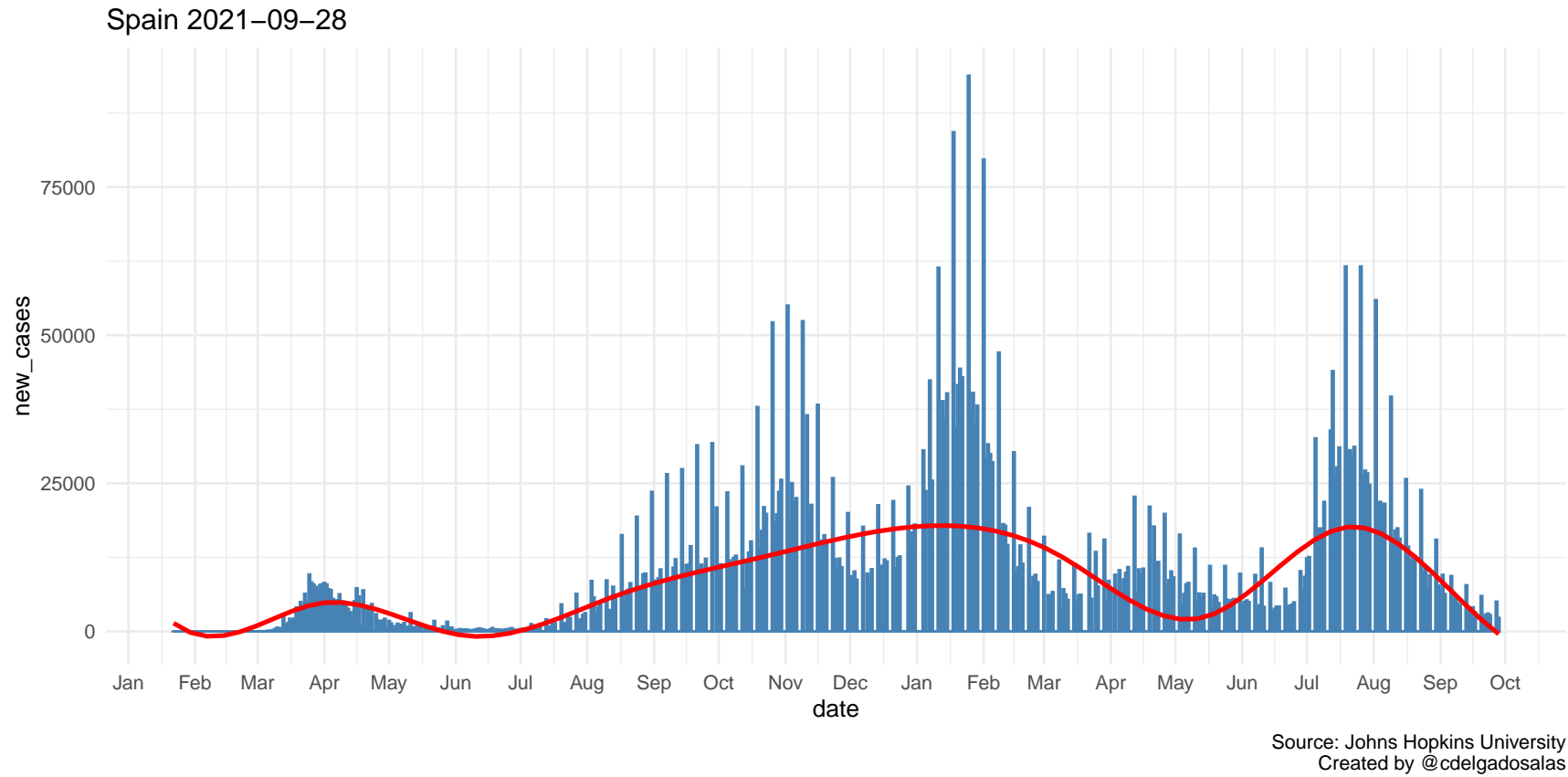


Source: Johns Hopkins University
Author: @cdeigadosalas

Europe

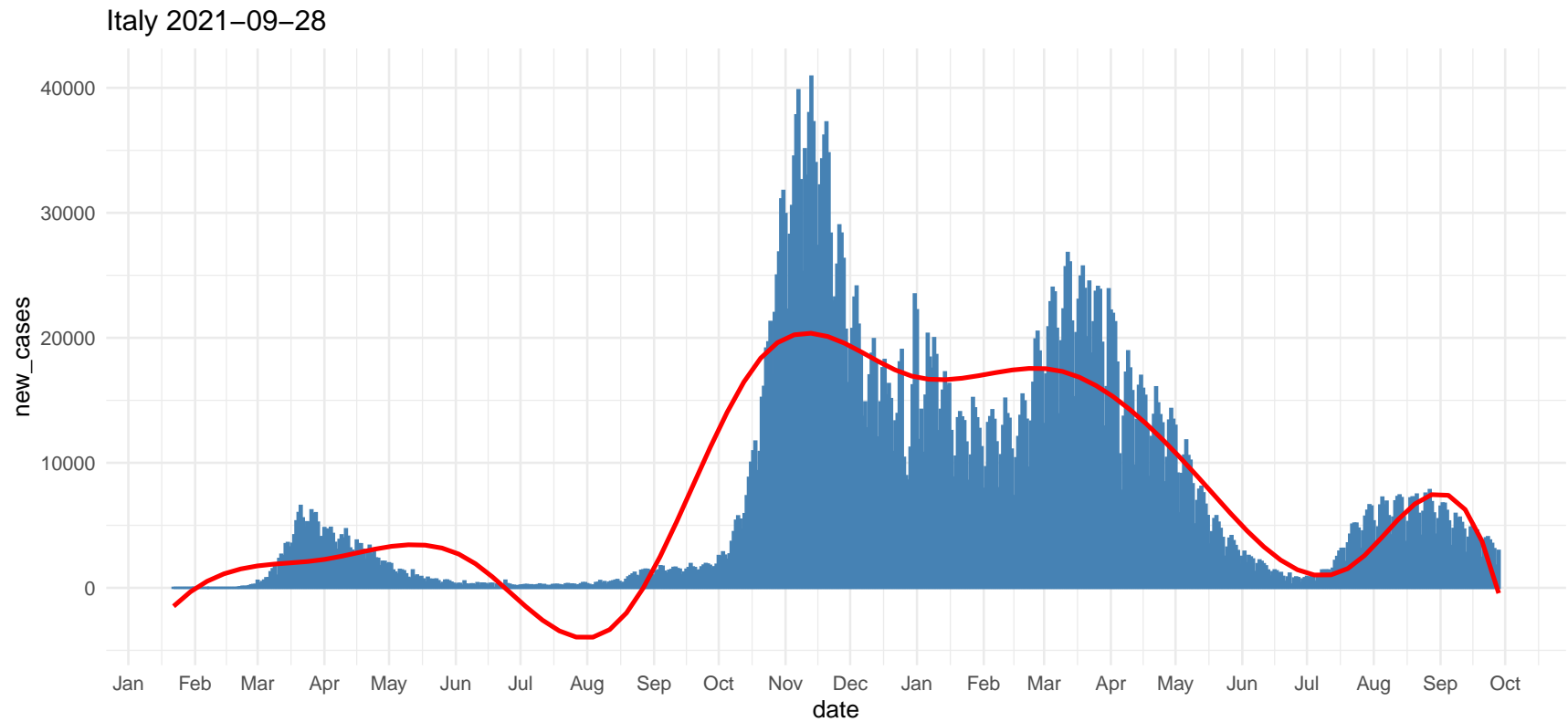
Spain

(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Italy

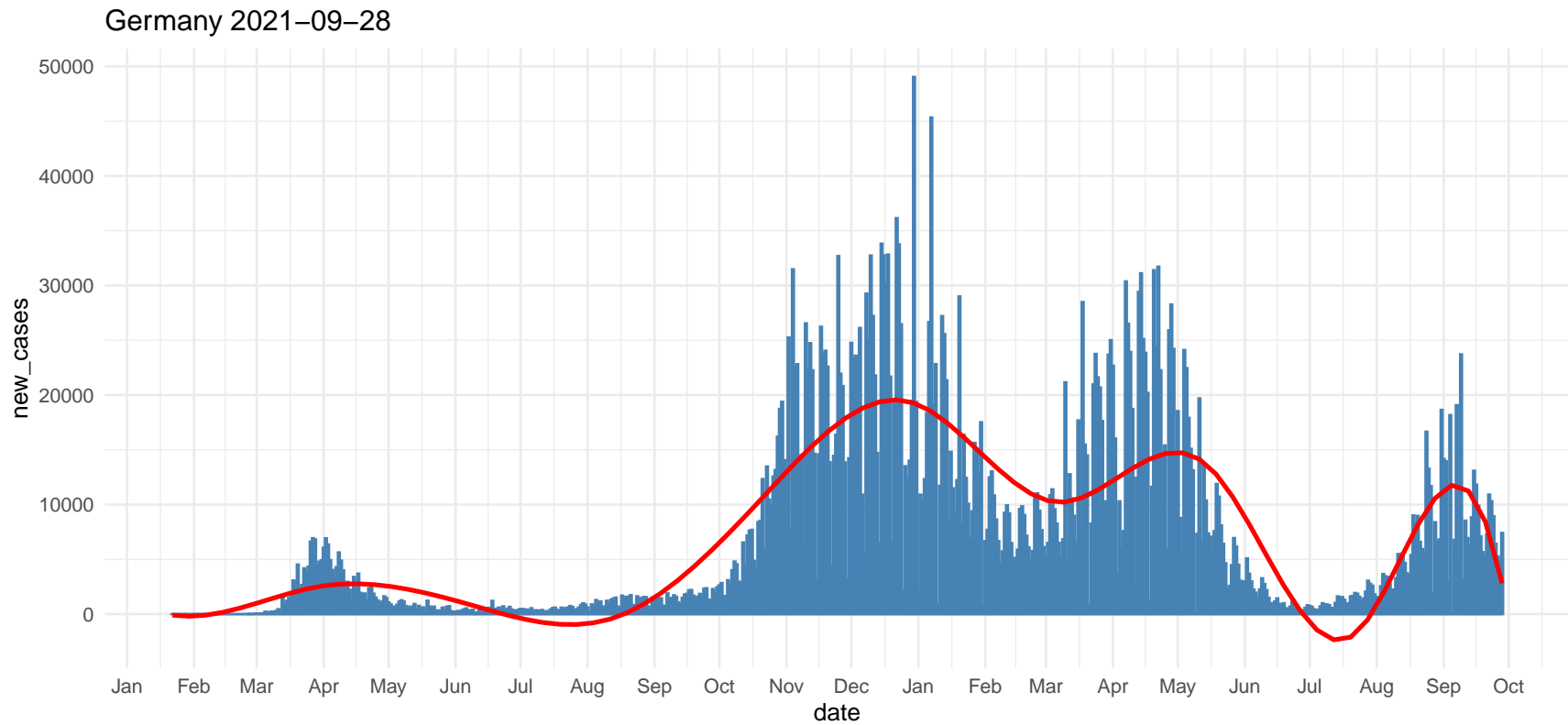
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

Germany

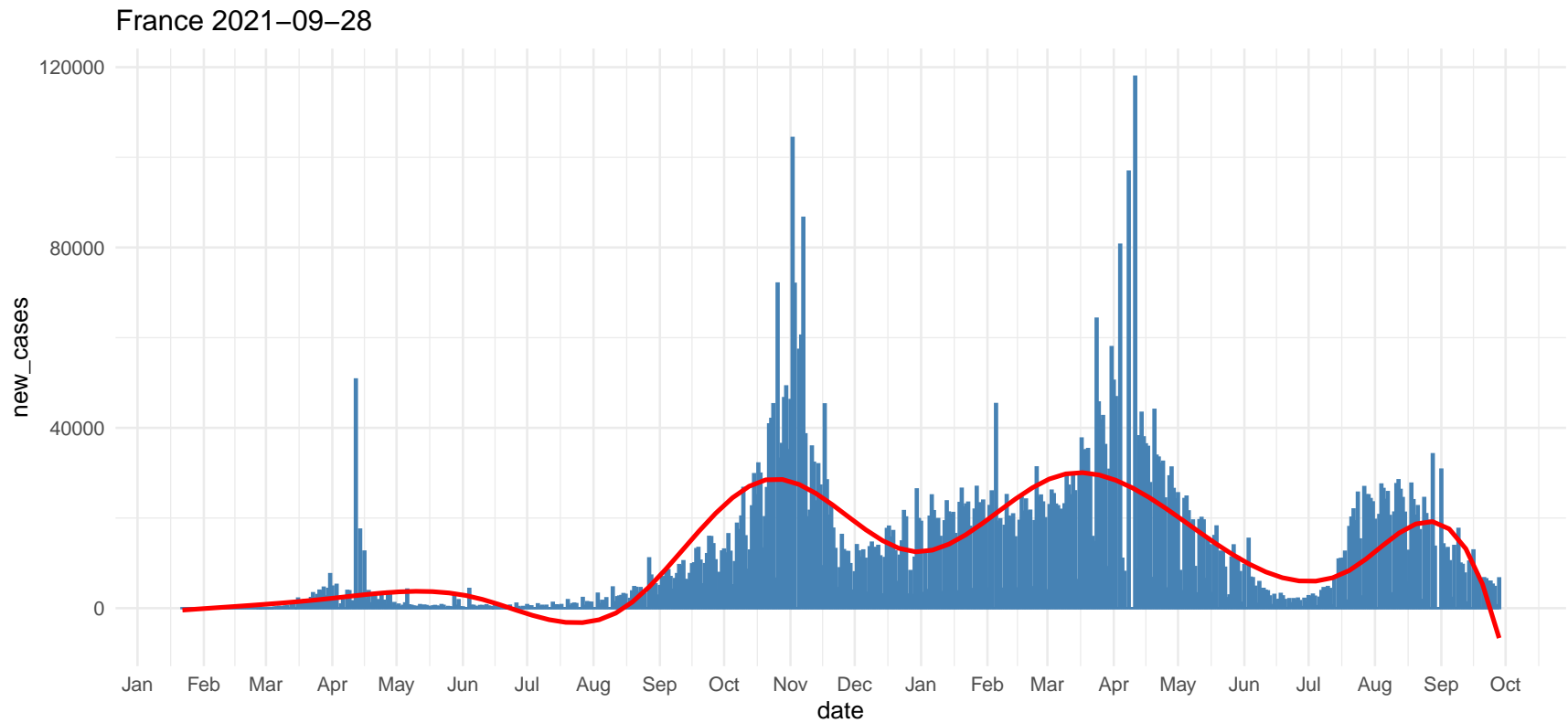
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

France

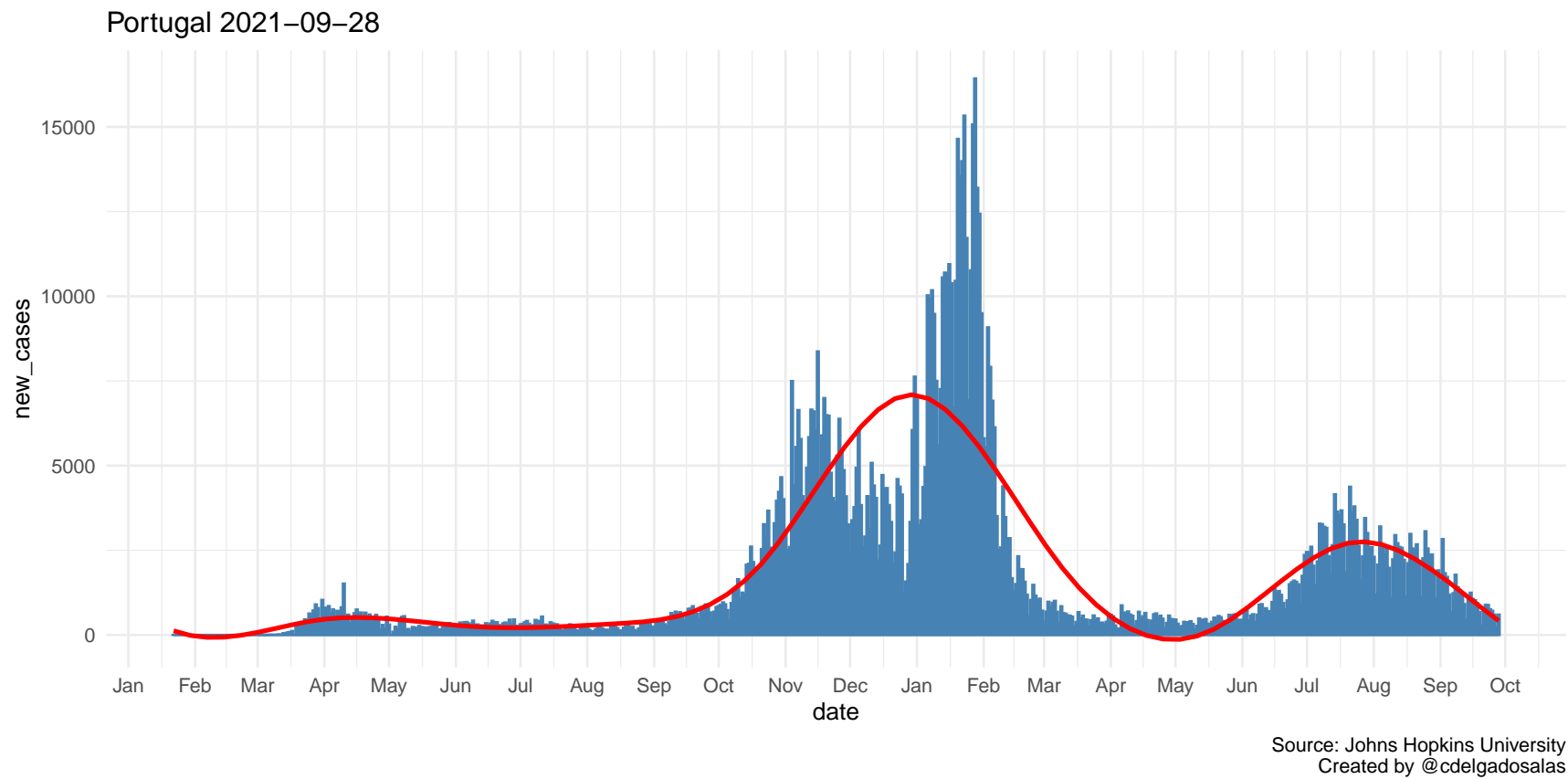
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

Portugal

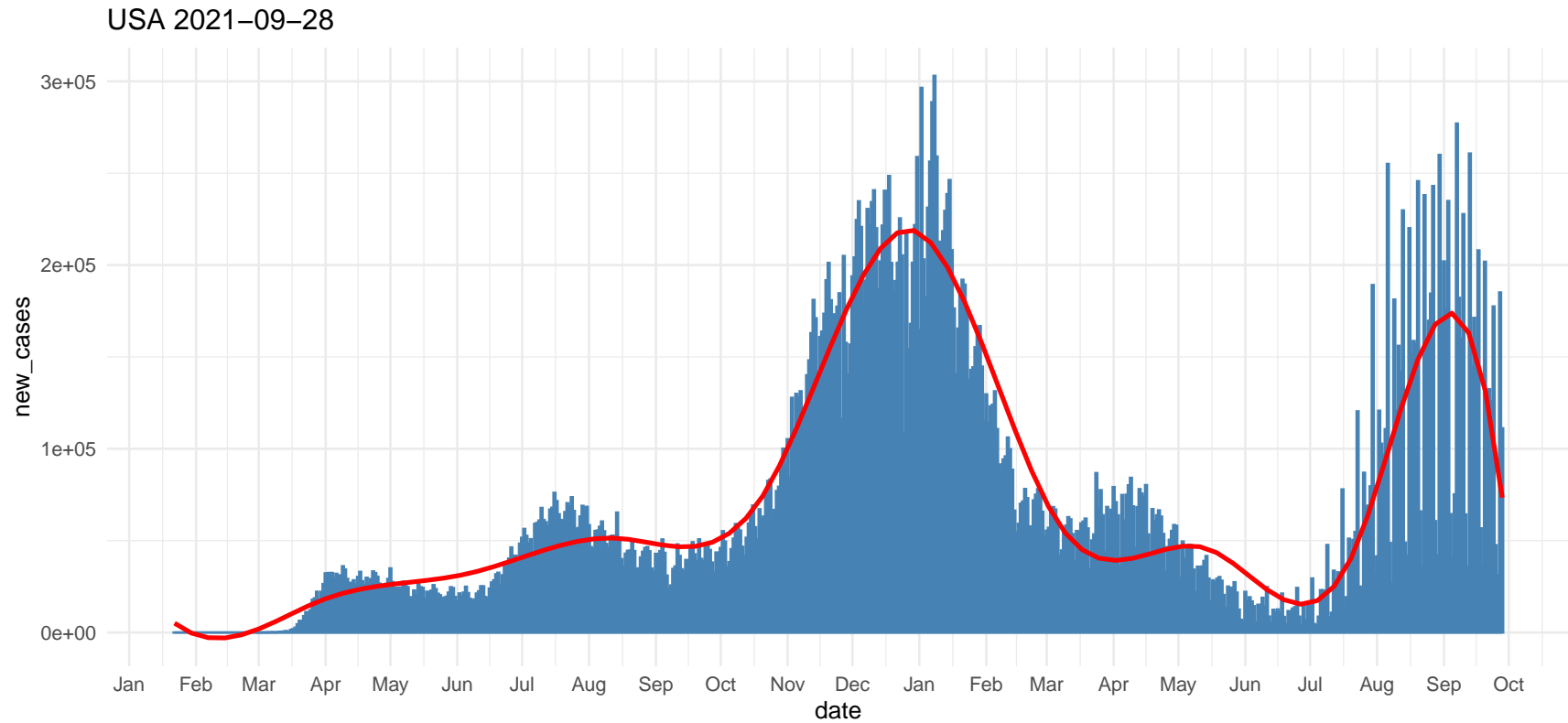
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North and South America

USA

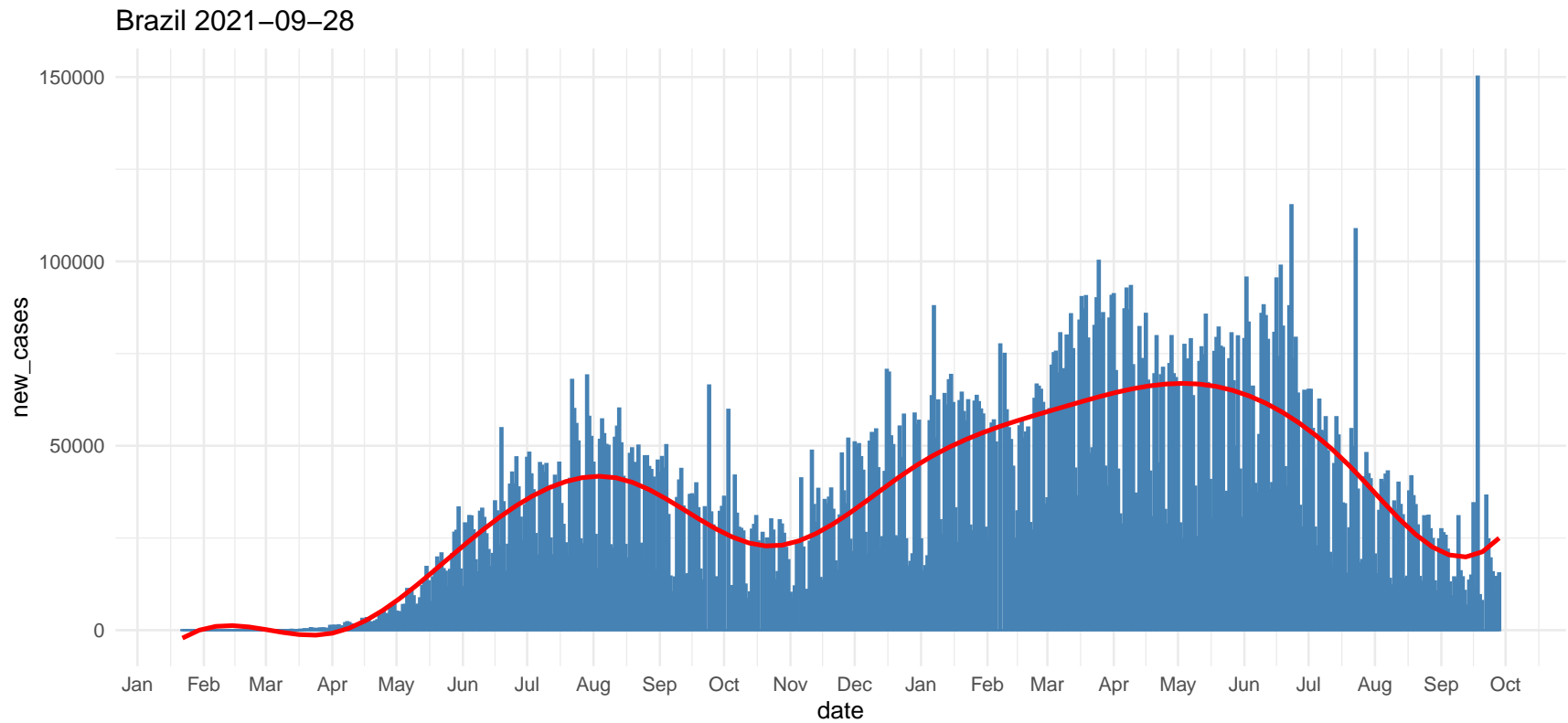
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

Brazil

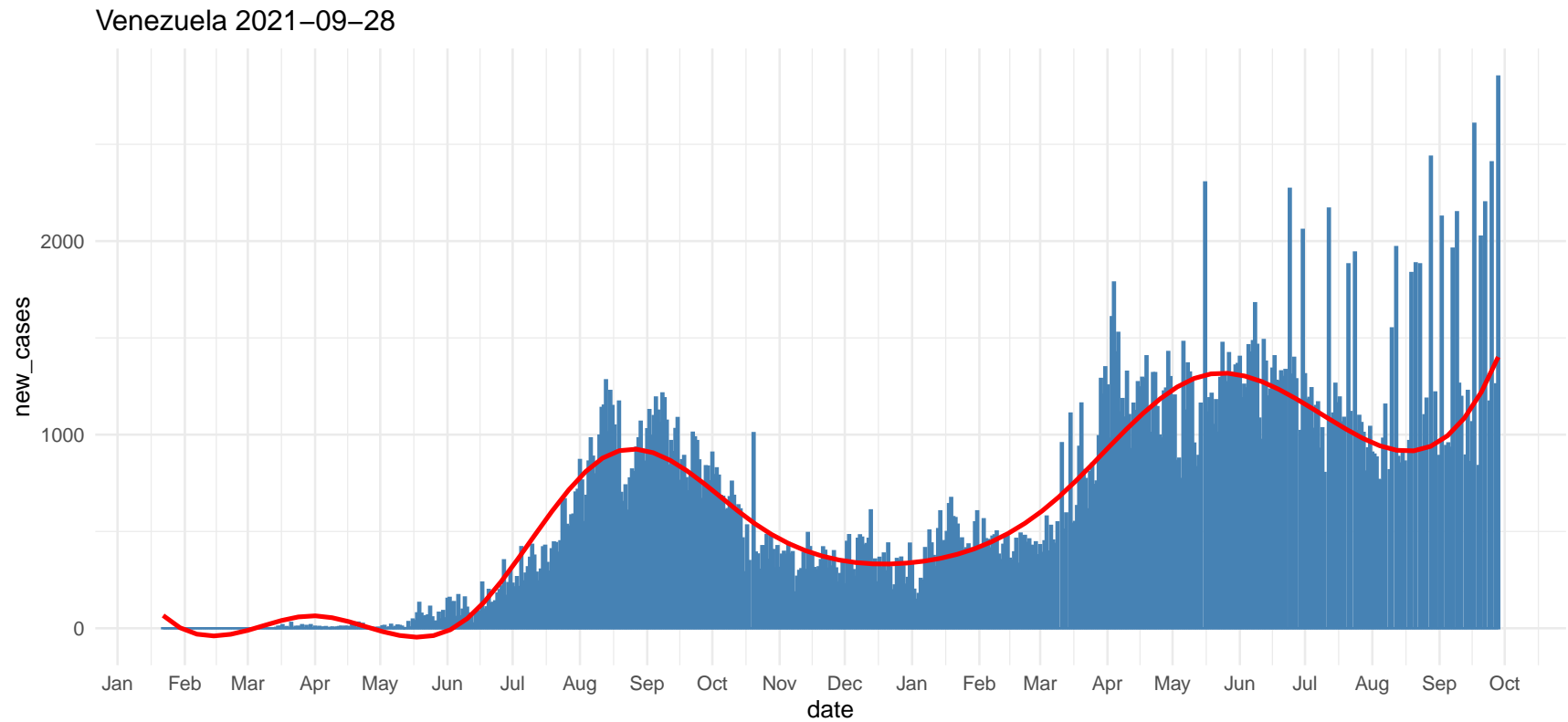
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

Venezuela

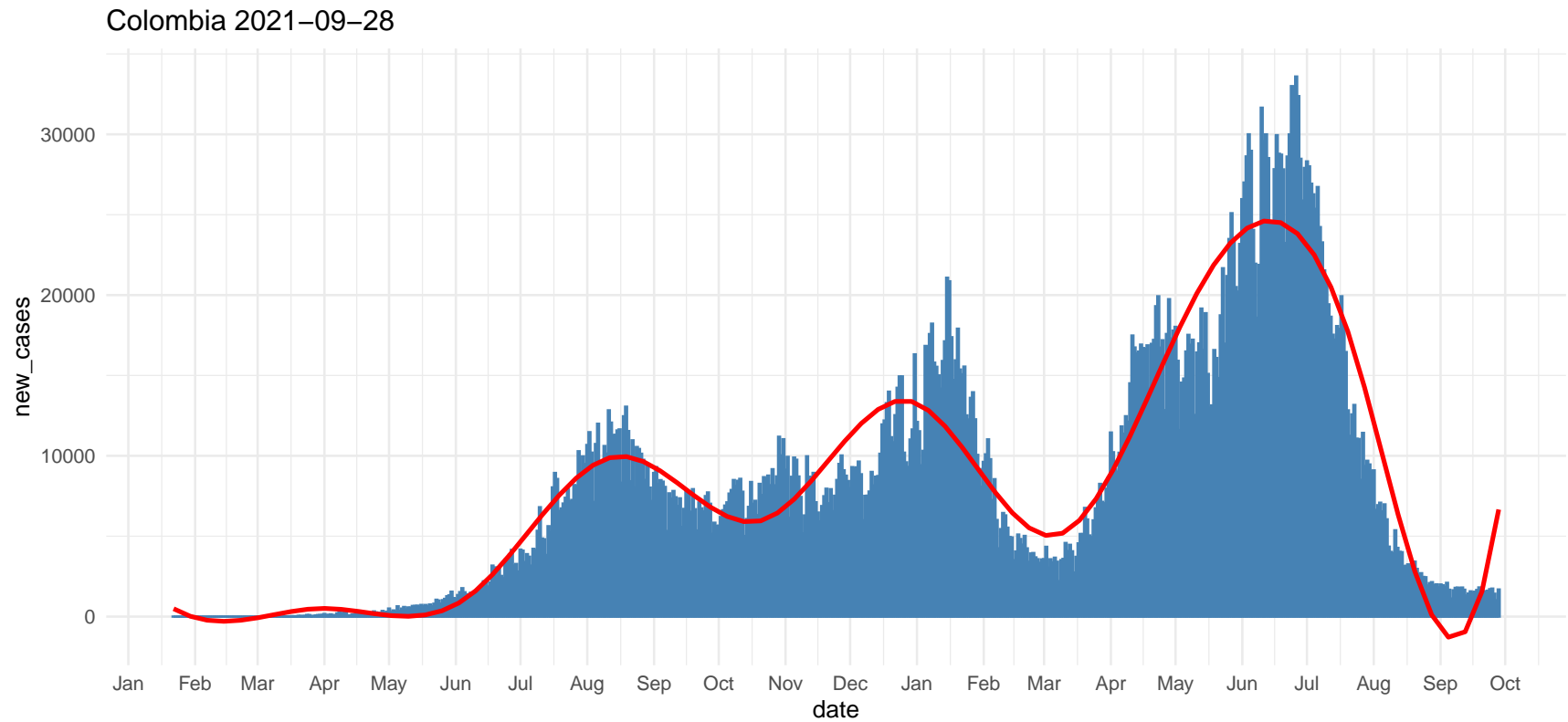
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

Colombia

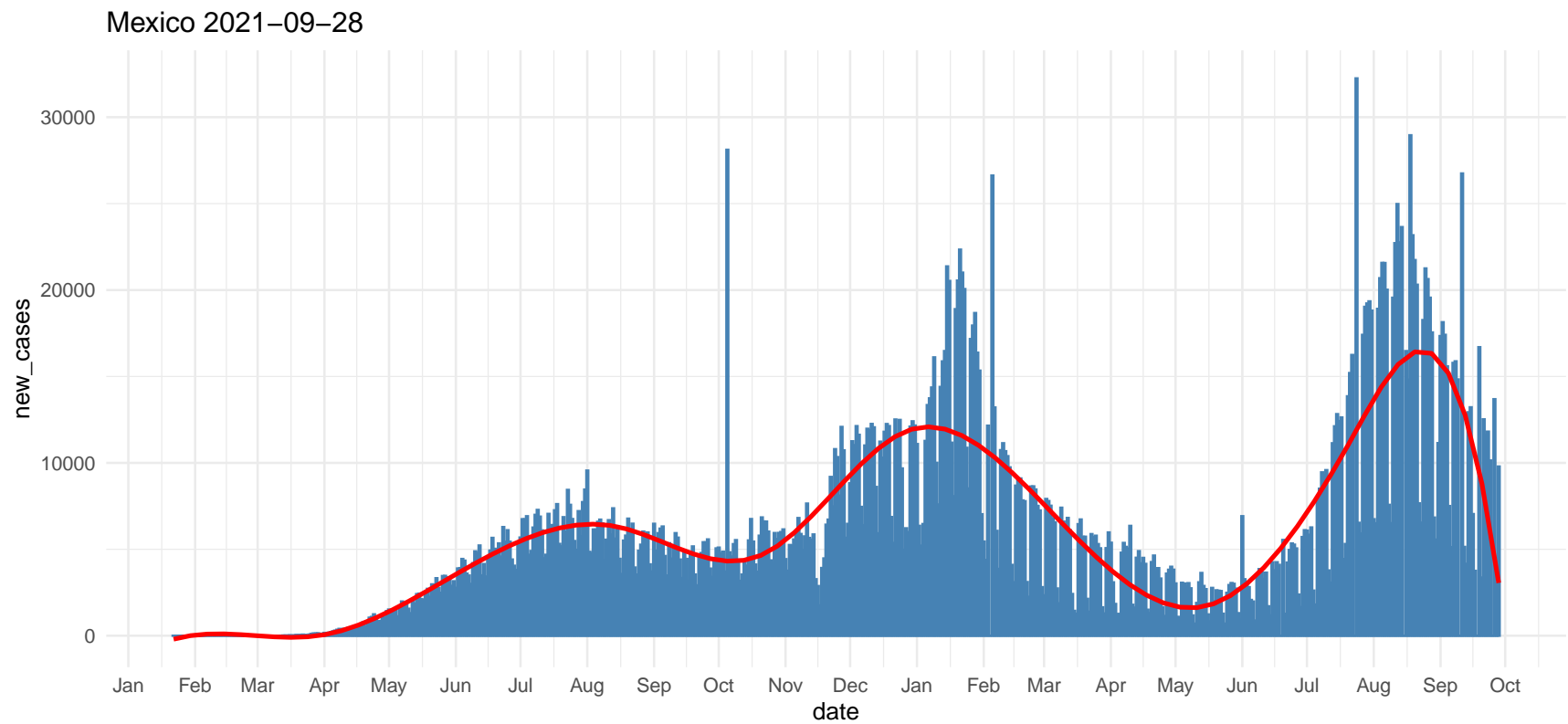
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelegadosalas

Mexico

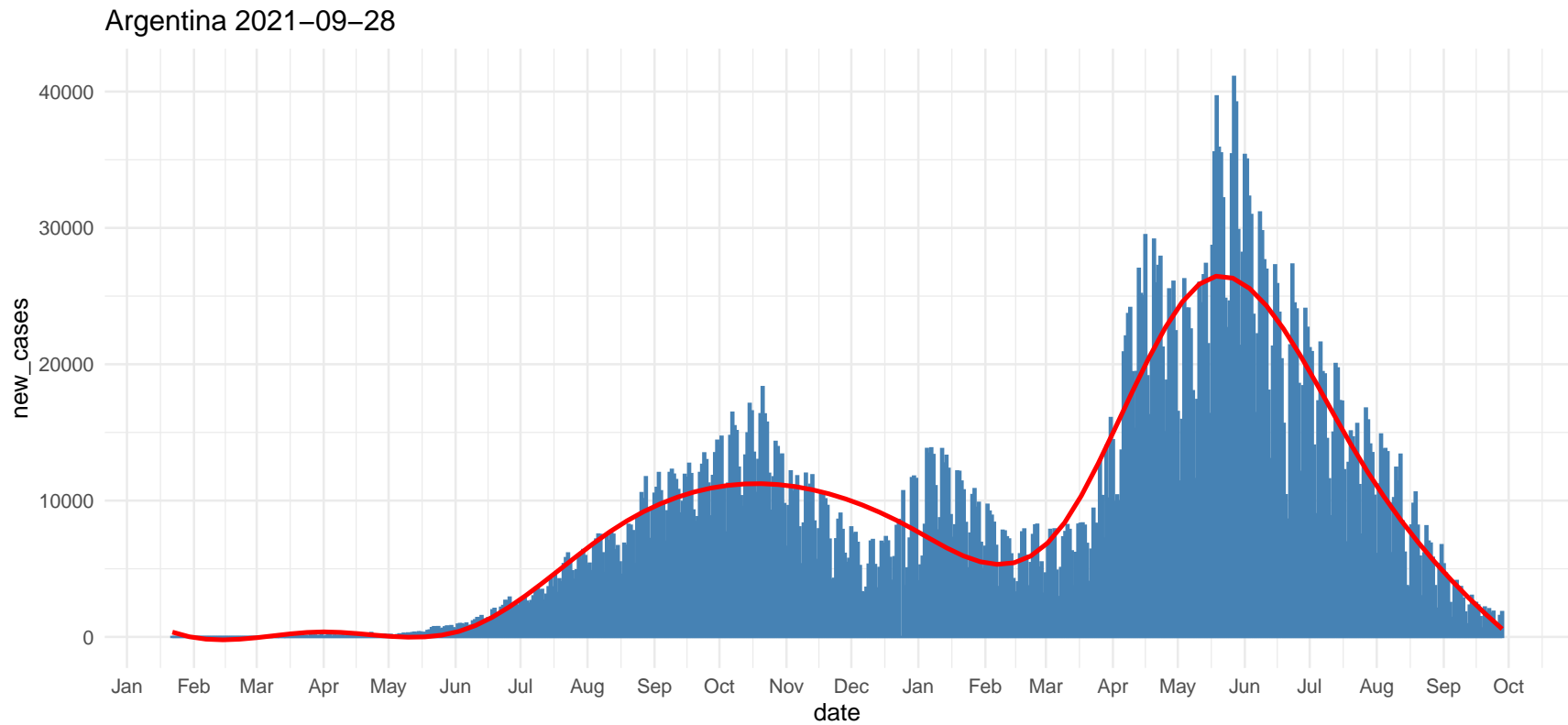
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

Argentina

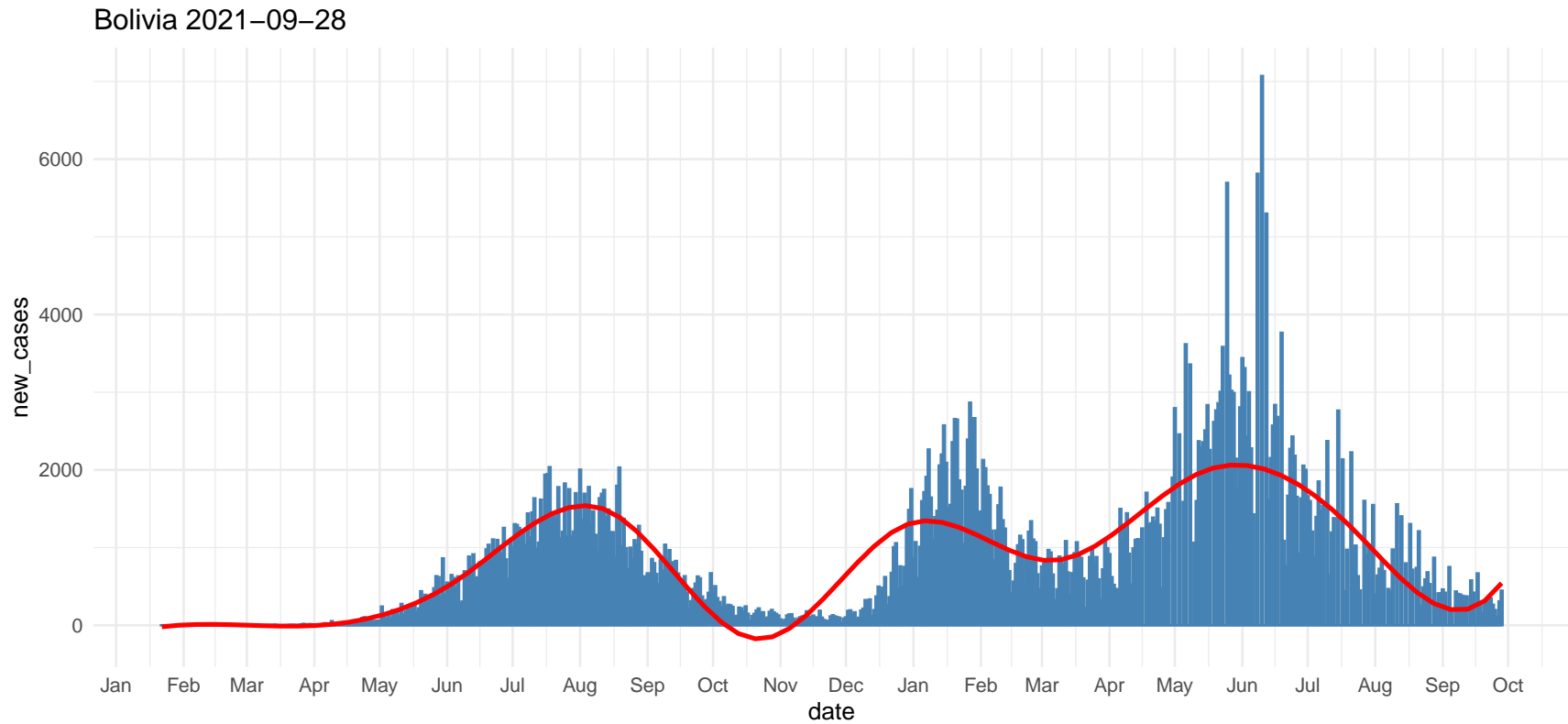
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

Bolivia

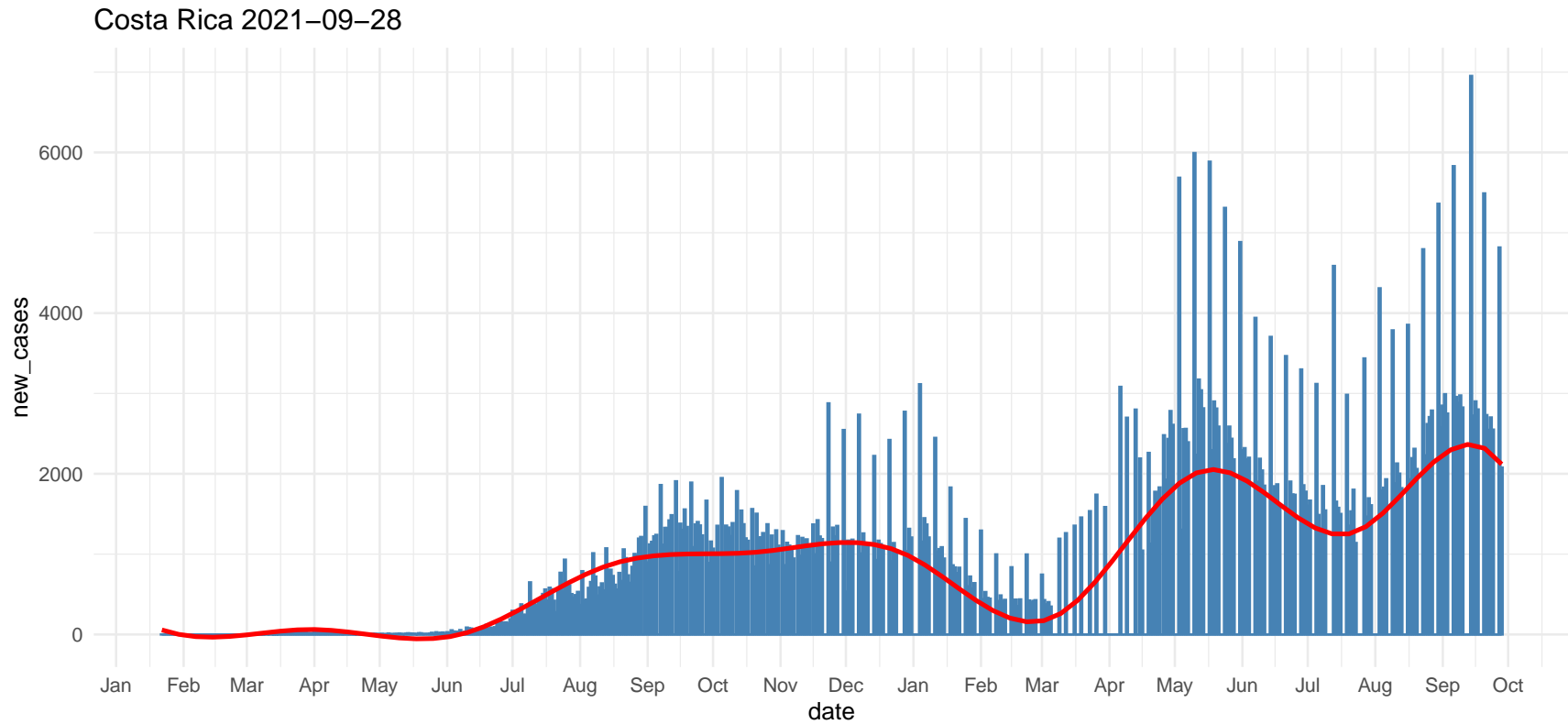
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

Costa Rica

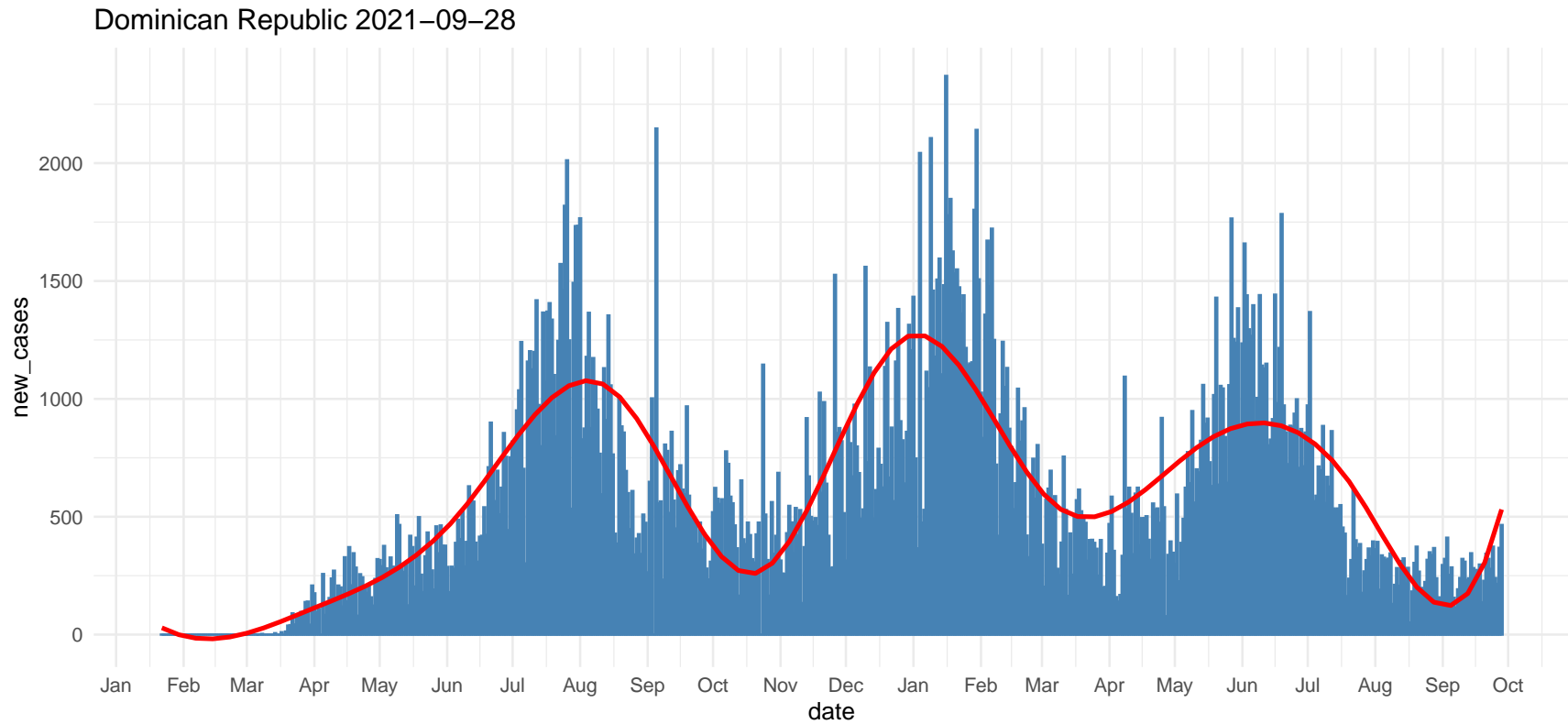
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
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Dominican Republic

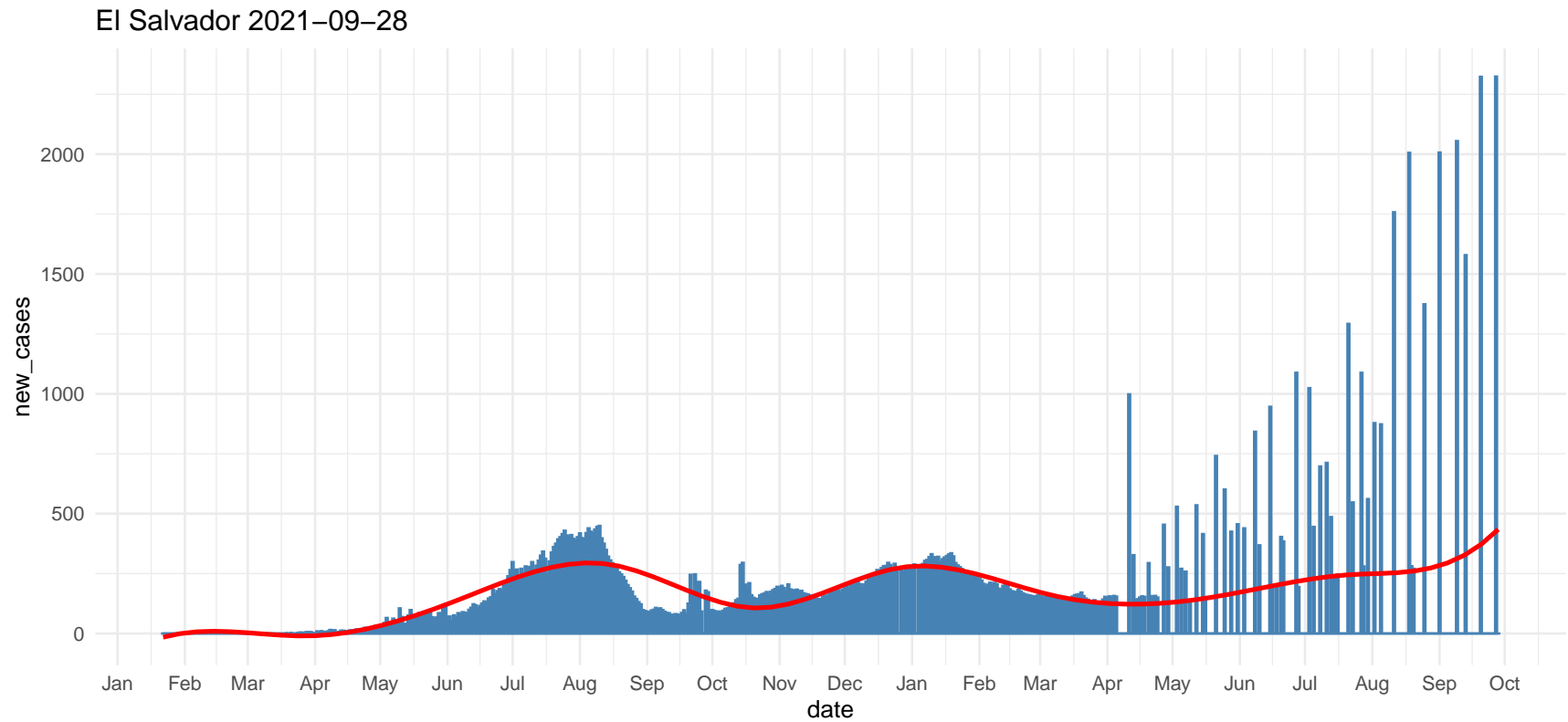
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Source: Johns Hopkins University
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El Salvador

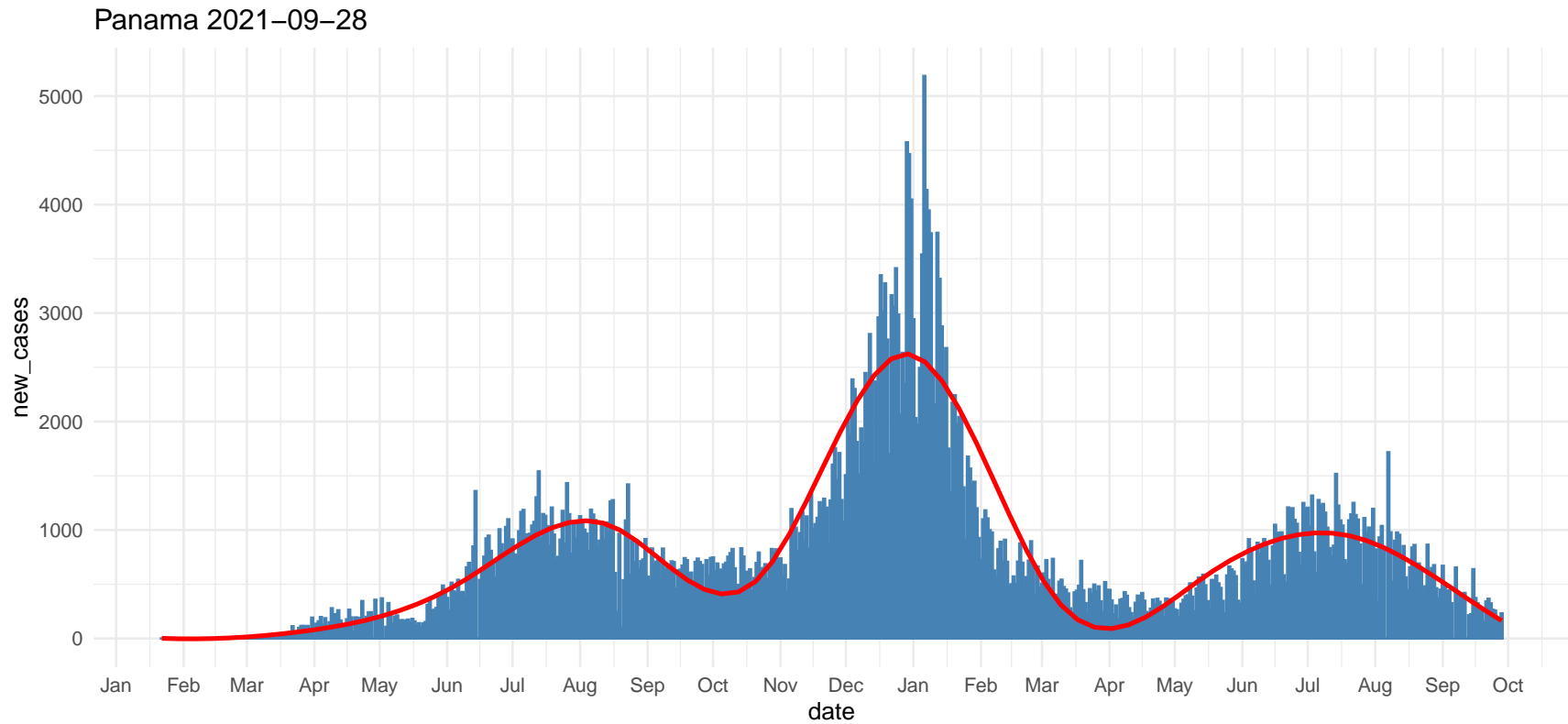
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
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Panama

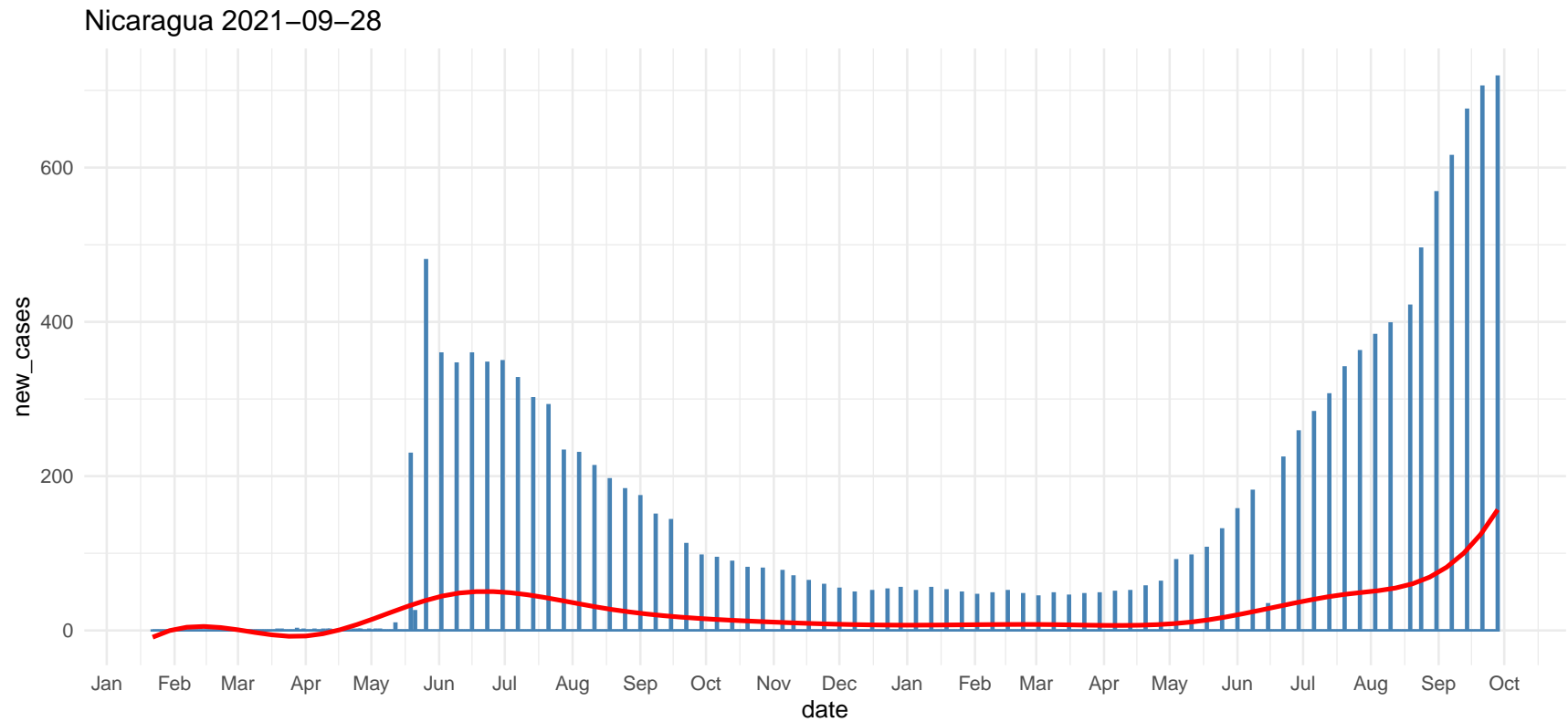
(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



Source: Johns Hopkins University
Created by @cdelgadosalas

Nicaragua

(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve)



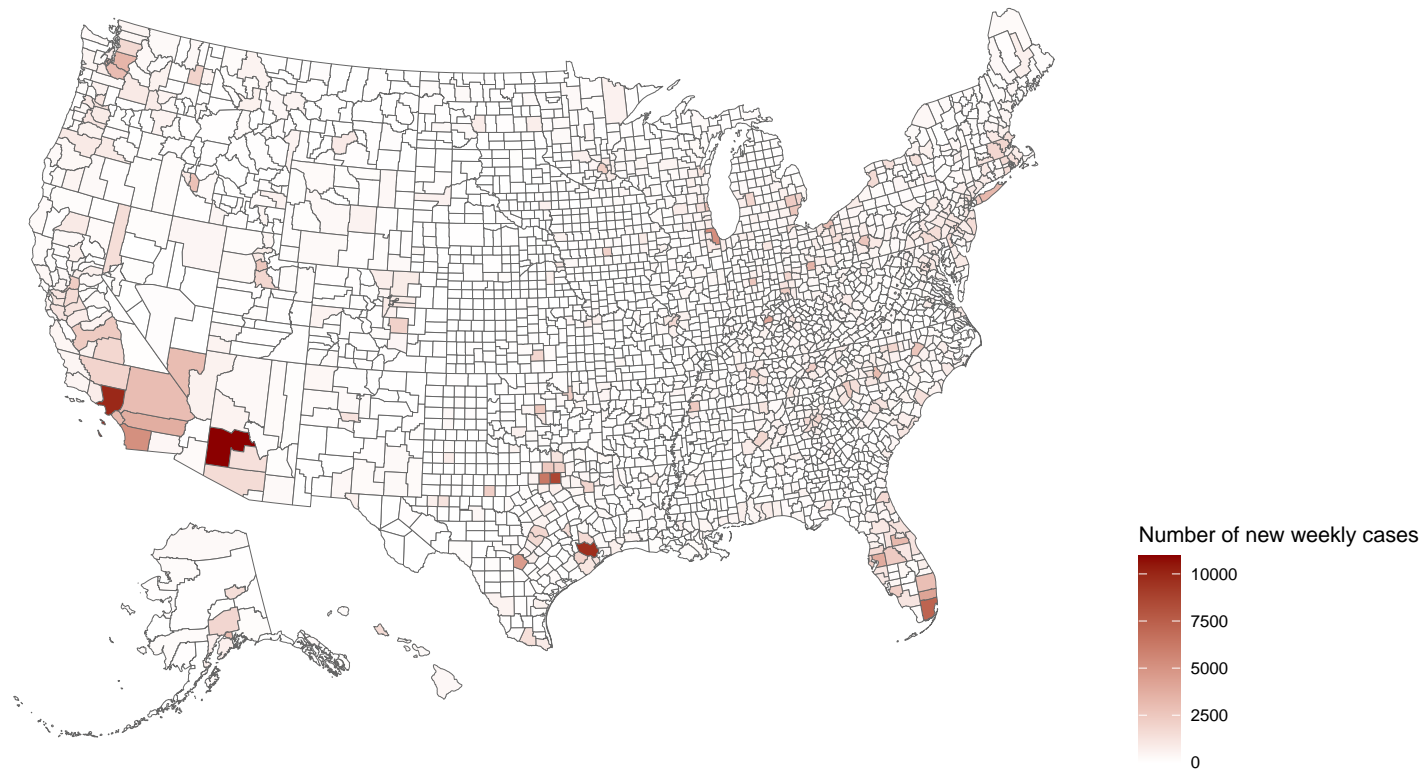
Source: Johns Hopkins University
Created by @cdelgadosalas

Plots for different states in the USA

US county map

US by county and new cases in the last week. This is a “Hotspot Map”.

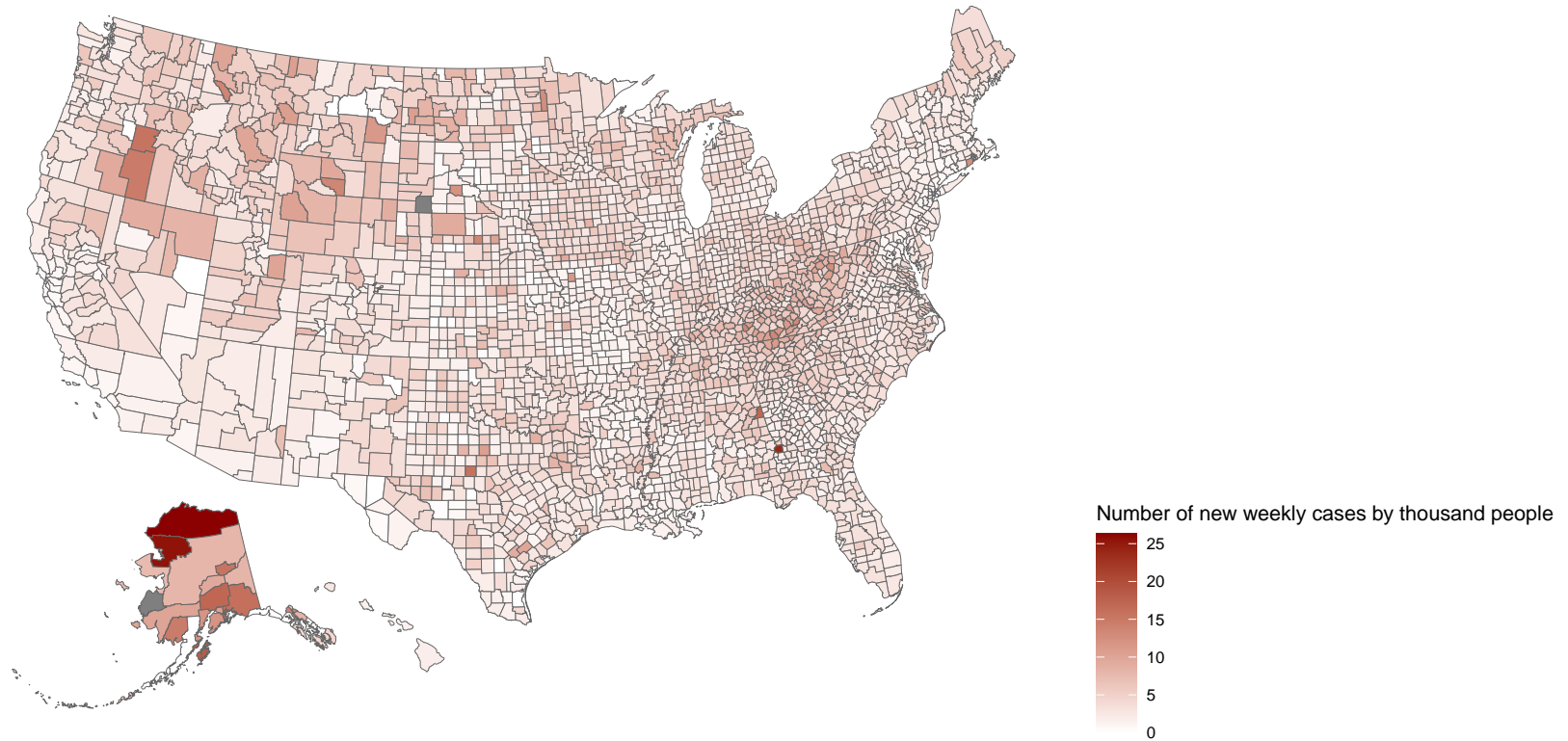
New COVID–19 cases in last week (2021–09–28)



US county map

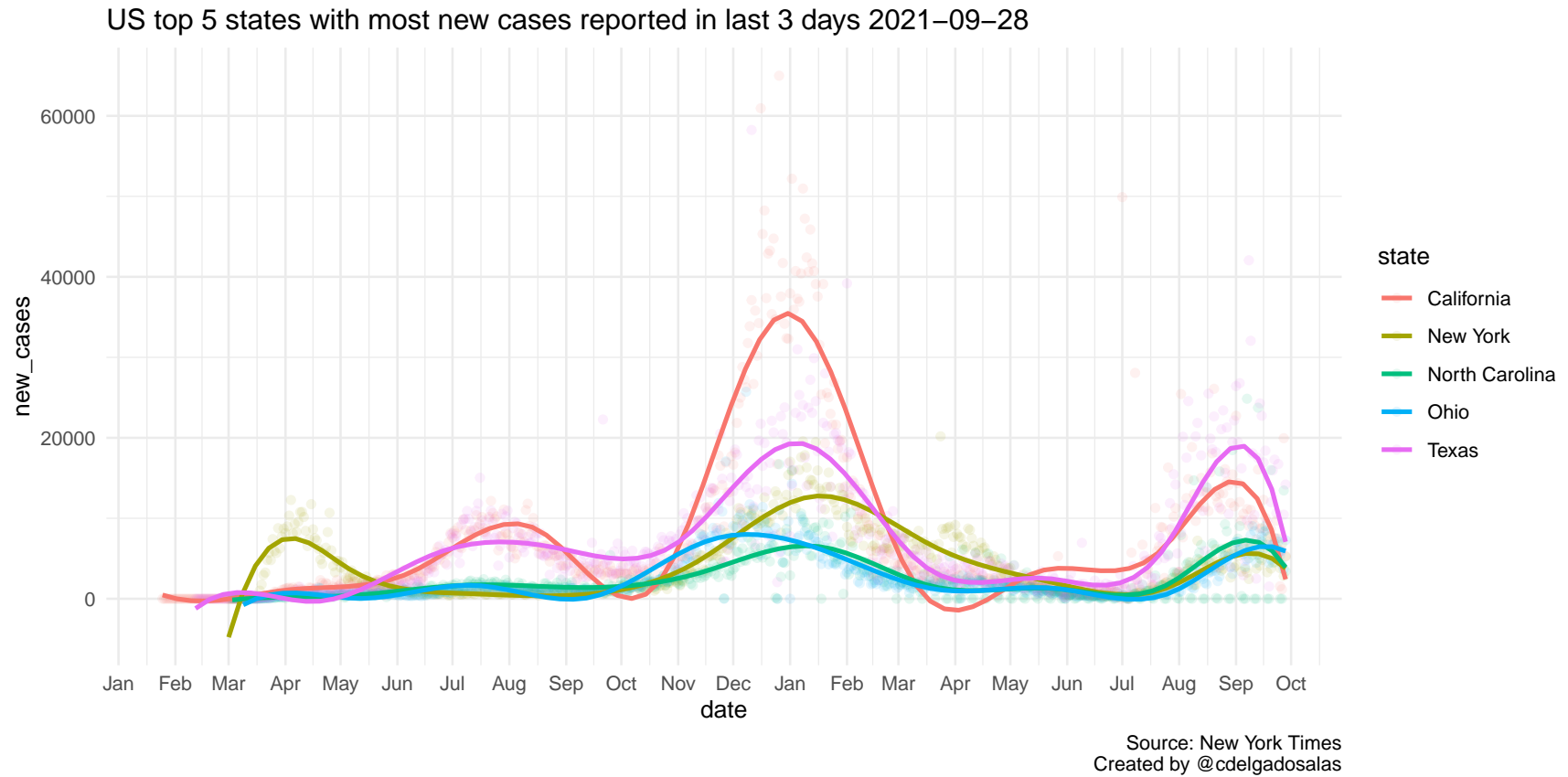
US by county and new cases in the last week by thousand people

New COVID-19 cases in last week by thousand people (2021-09-28)



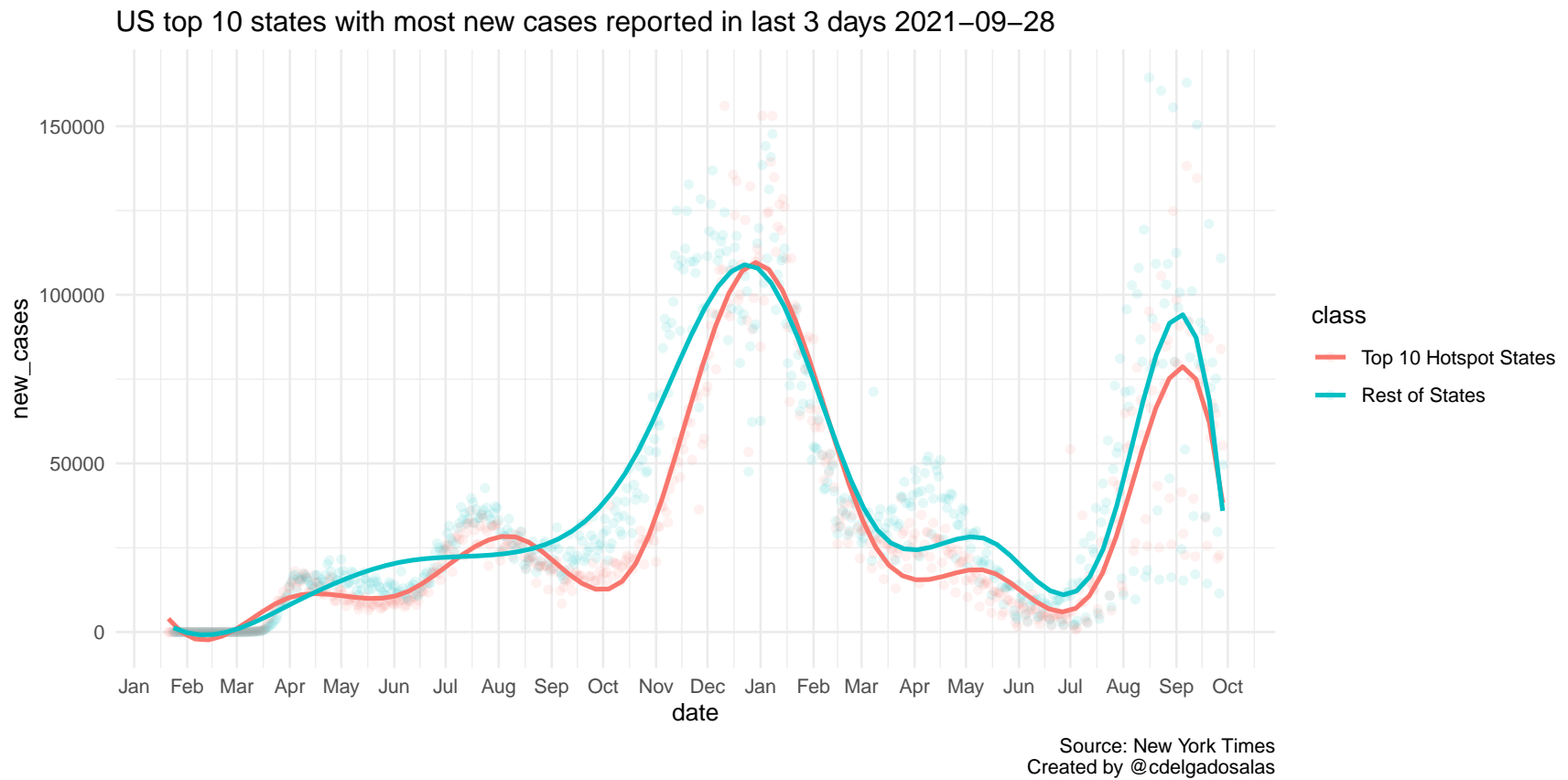
Top 5 States with most cases

These are the top 5 States in the United States with most reported new COVID-19 cases in the last 3 days.



Top 10 Hostspots States with most cases

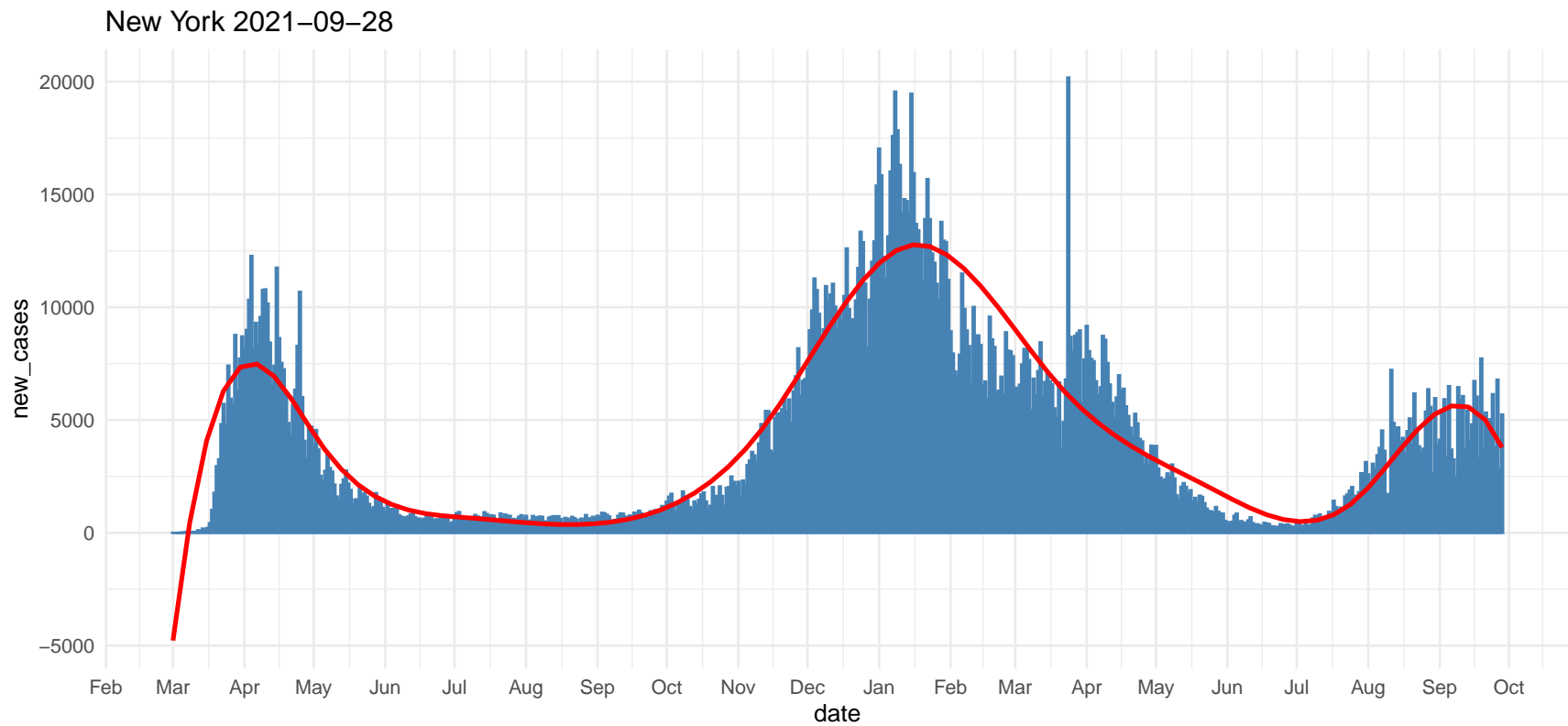
These are the top 10 States in the United States with most reported new COVID-19 cases in the last 3 days (Texas, California, North Carolina, Ohio, New York, Pennsylvania, Georgia, Washington, Tennessee, Kentucky) against the rest of the States in the US



New York

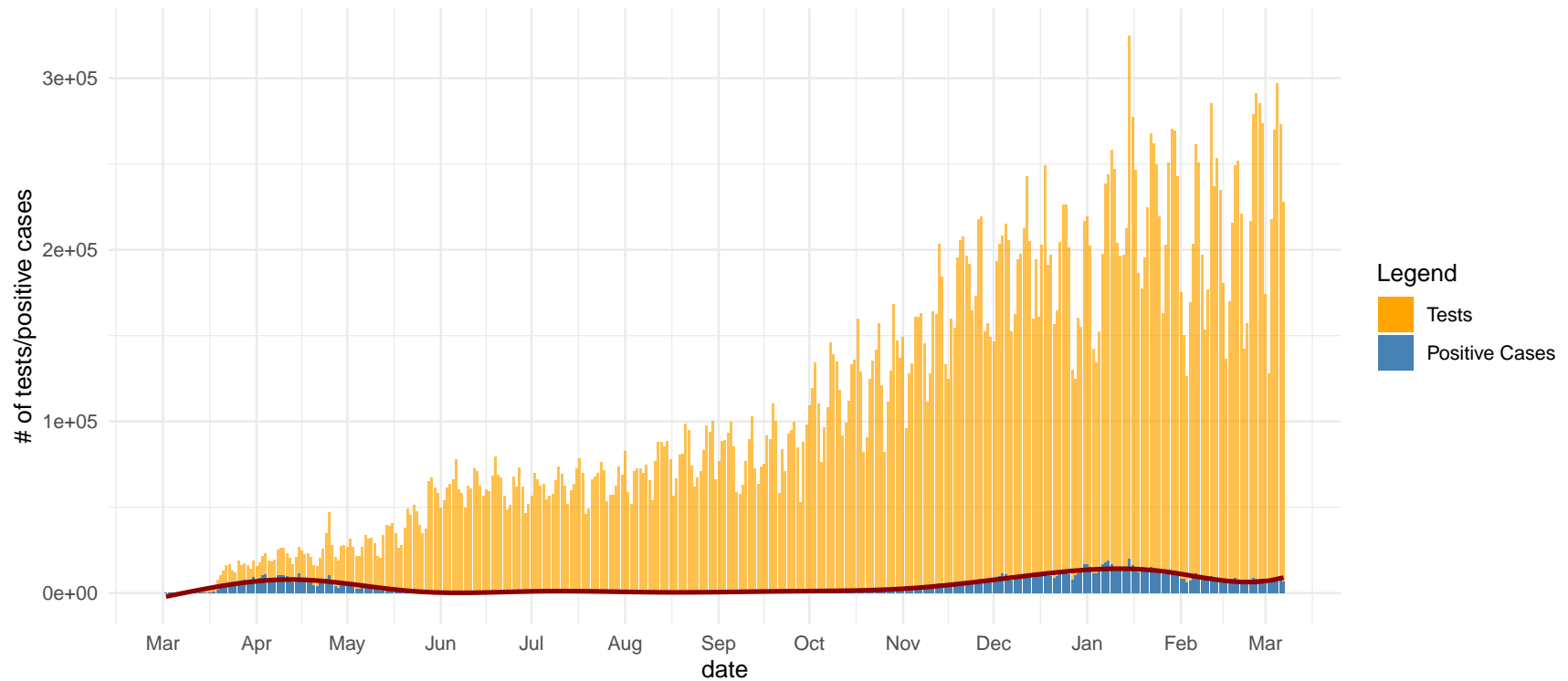
Total Cases (with Loess Curve) and Total Cases (with Loess Curve) + Total testing

(The amount of new cases per day are shown in a bar and a Loess regression curve is fitted into the data to smoothen the curve) (These graphs may vary since they come from different data sources)



Source: New York Times
Created by @cdelgadosalas

New York daily COVID-19 tests and positive cases 2021-03-07

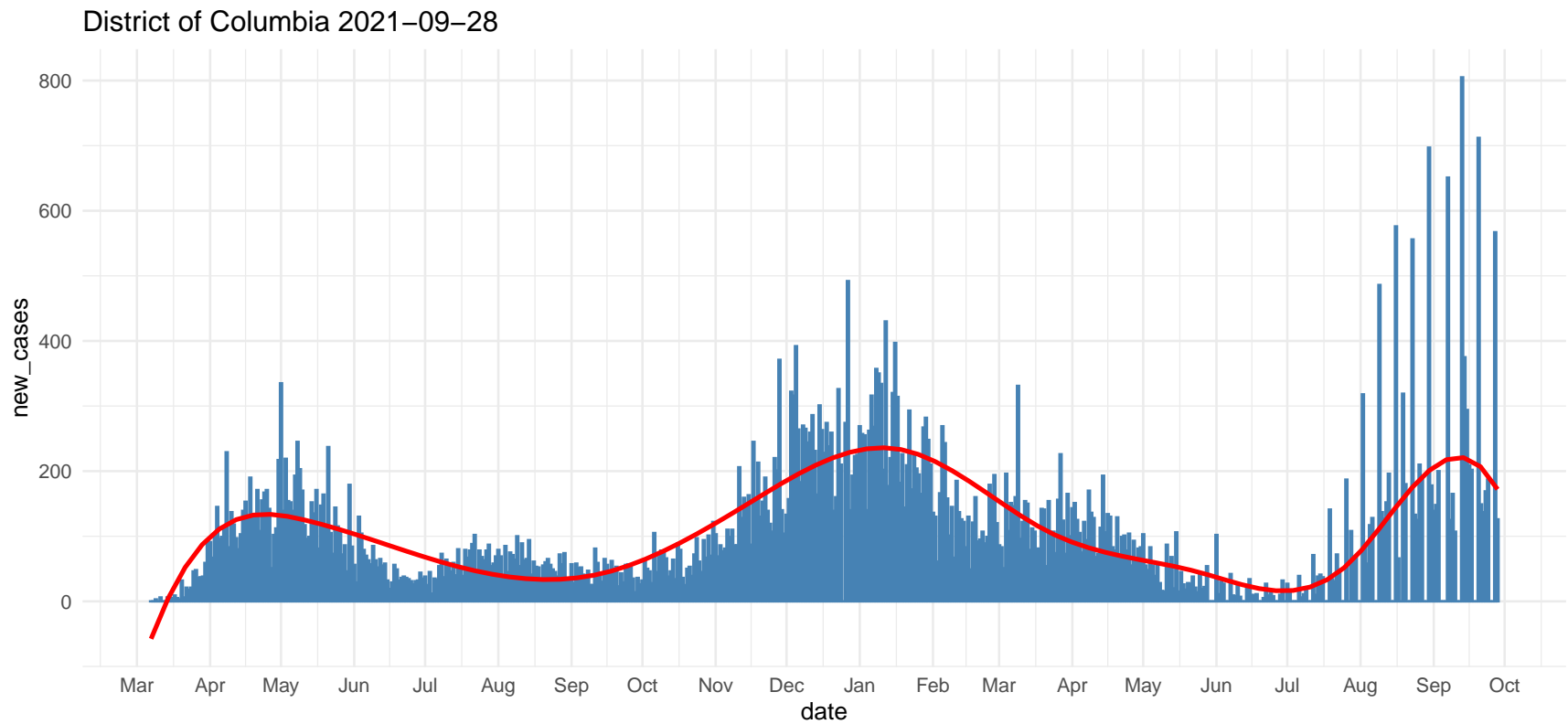


Source: CovidTracking.com
Created by @cdelgadosalas

District of Columbia

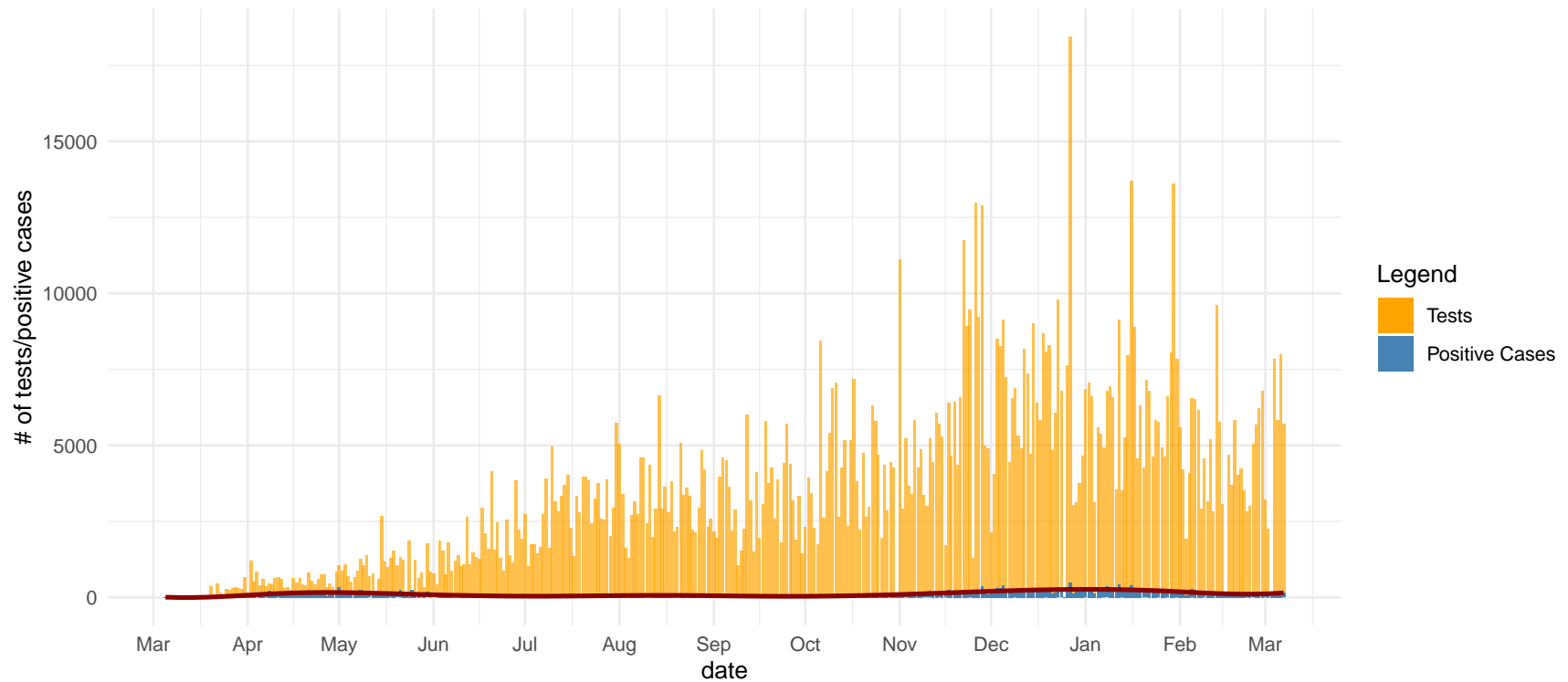
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Source: New York Times
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District of Columbia daily COVID-19 tests and positive cases 2021-03-07

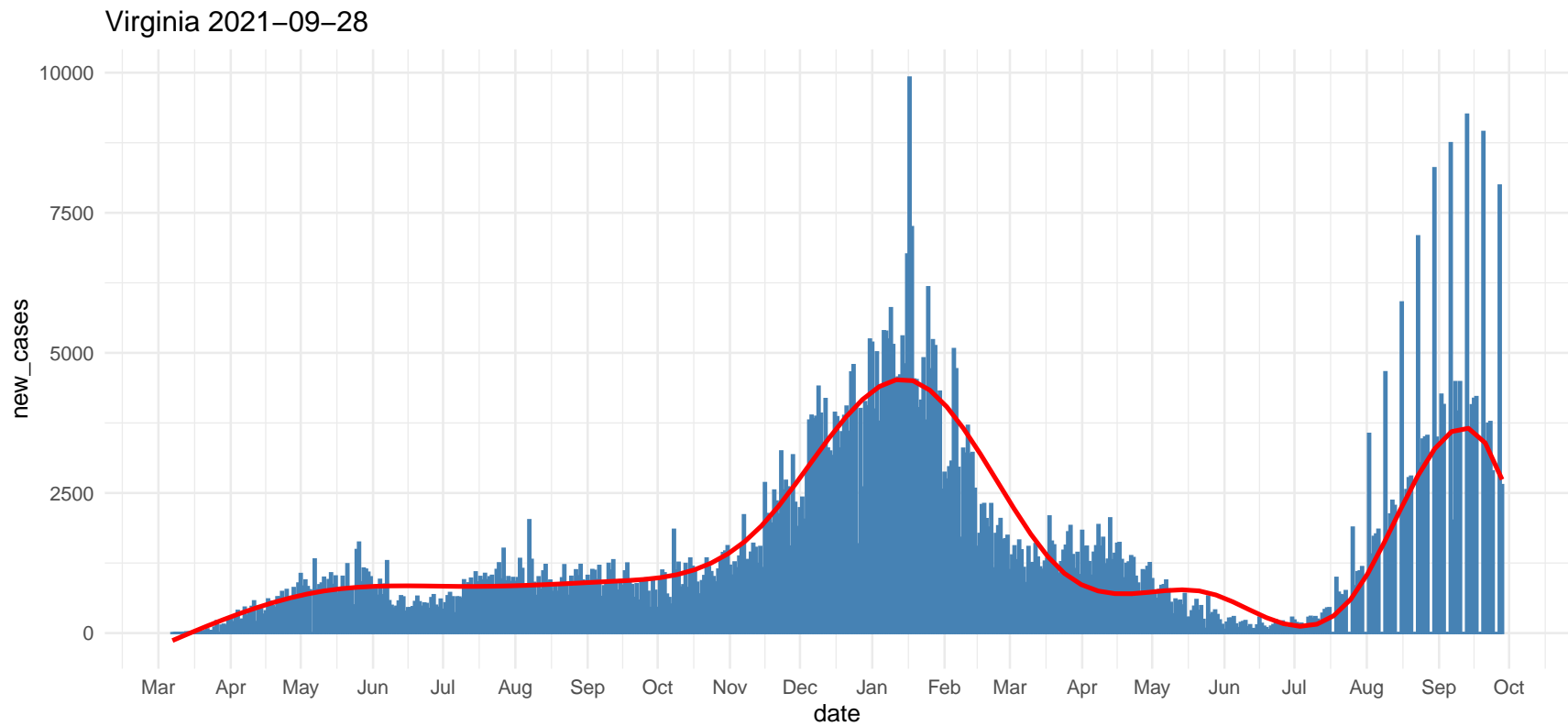


Source: CovidTracking.com
Created by @cdelgadosalas

Virginia

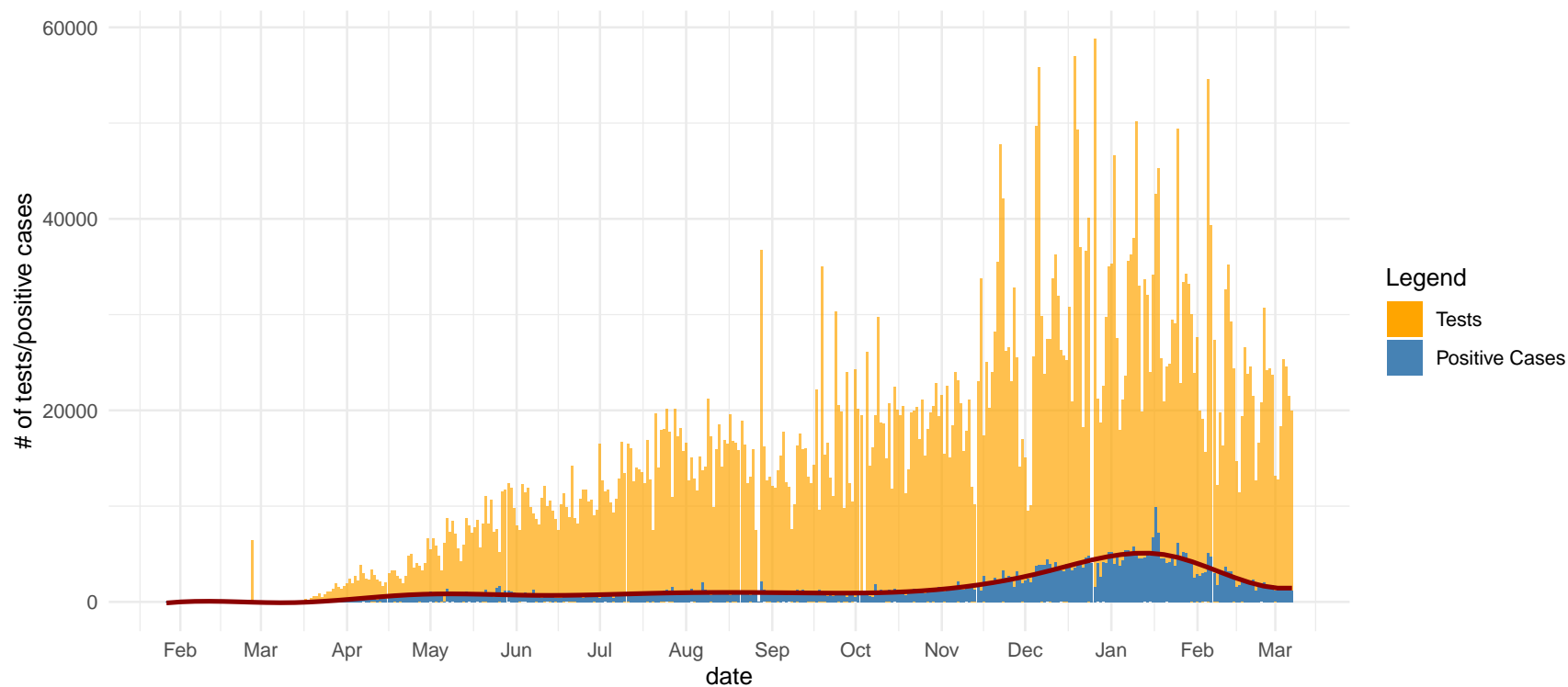
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Source: New York Times
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Virginia daily COVID-19 tests and positive cases 2021-03-07

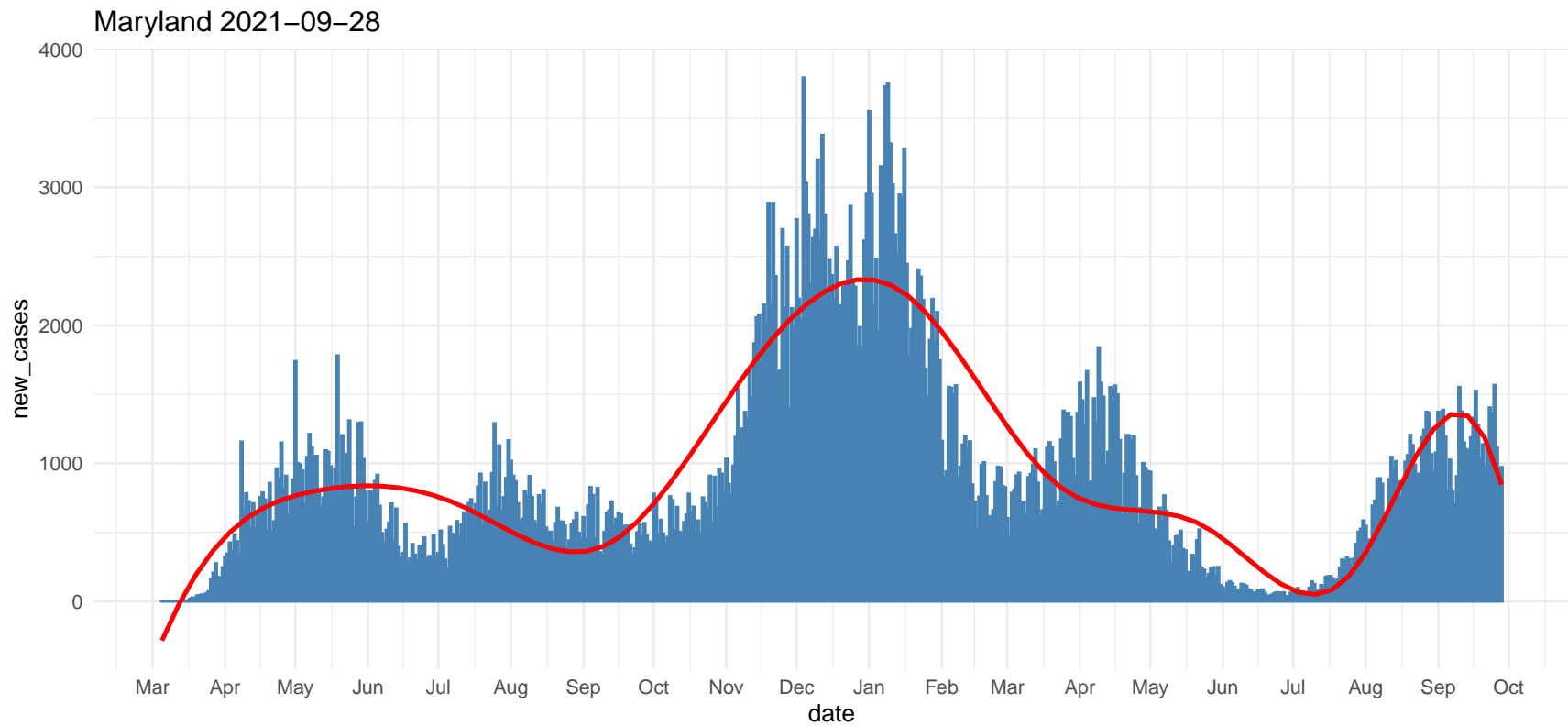


Source: CovidTracking.com
Created by @cdelgadosalas

Maryland

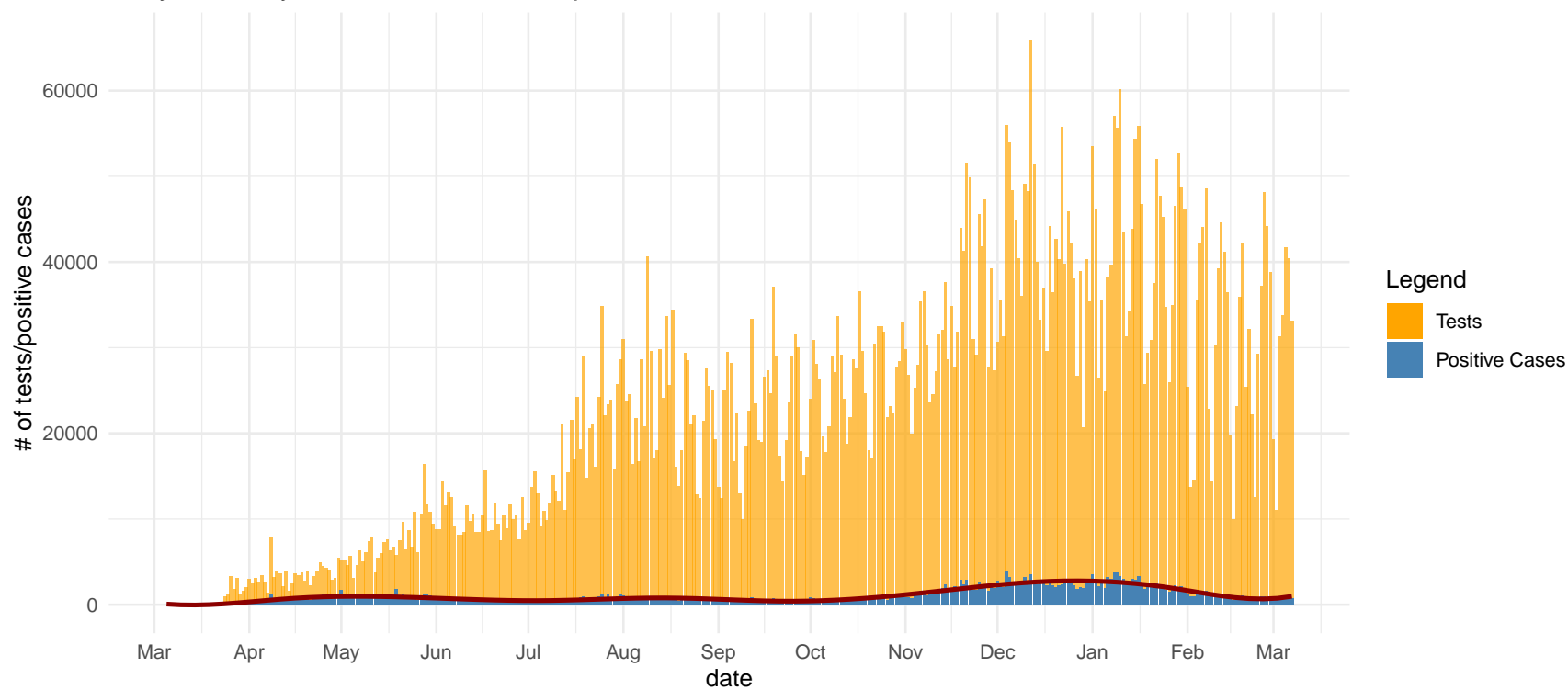
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Maryland daily COVID-19 tests and positive cases 2021-03-07

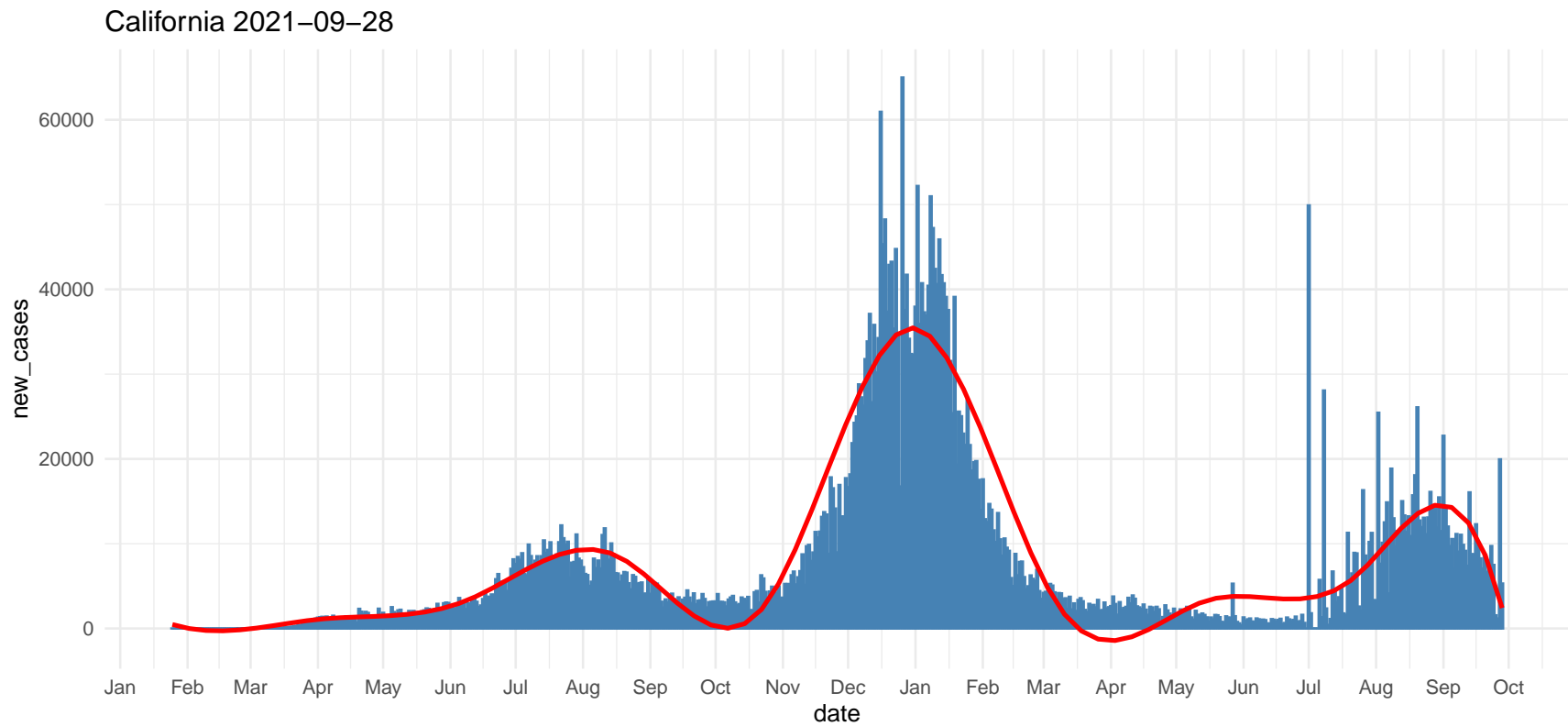


Source: CovidTracking.com
Created by @cdelgadosalas

California

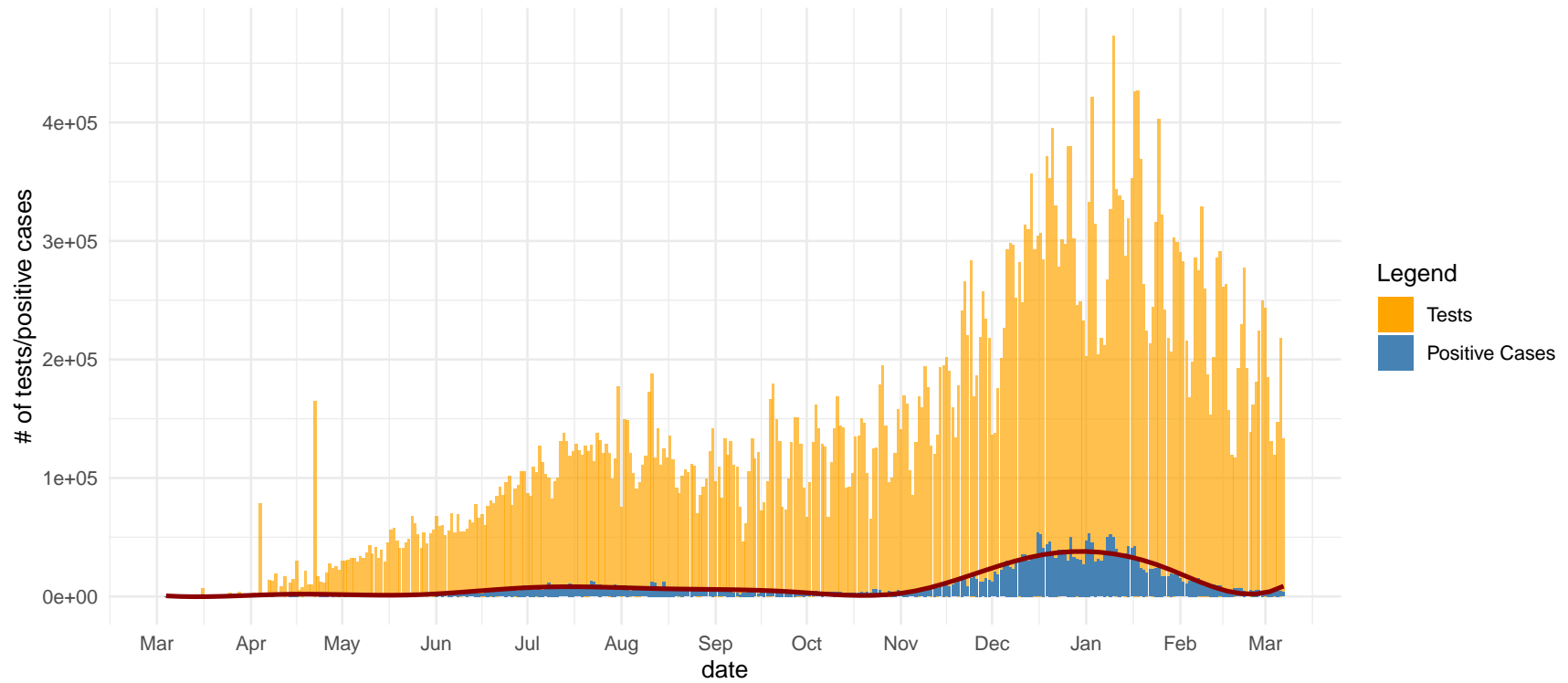
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Source: New York Times
Created by @cdelgadosalas

California daily COVID-19 tests and positive cases 2021-03-07



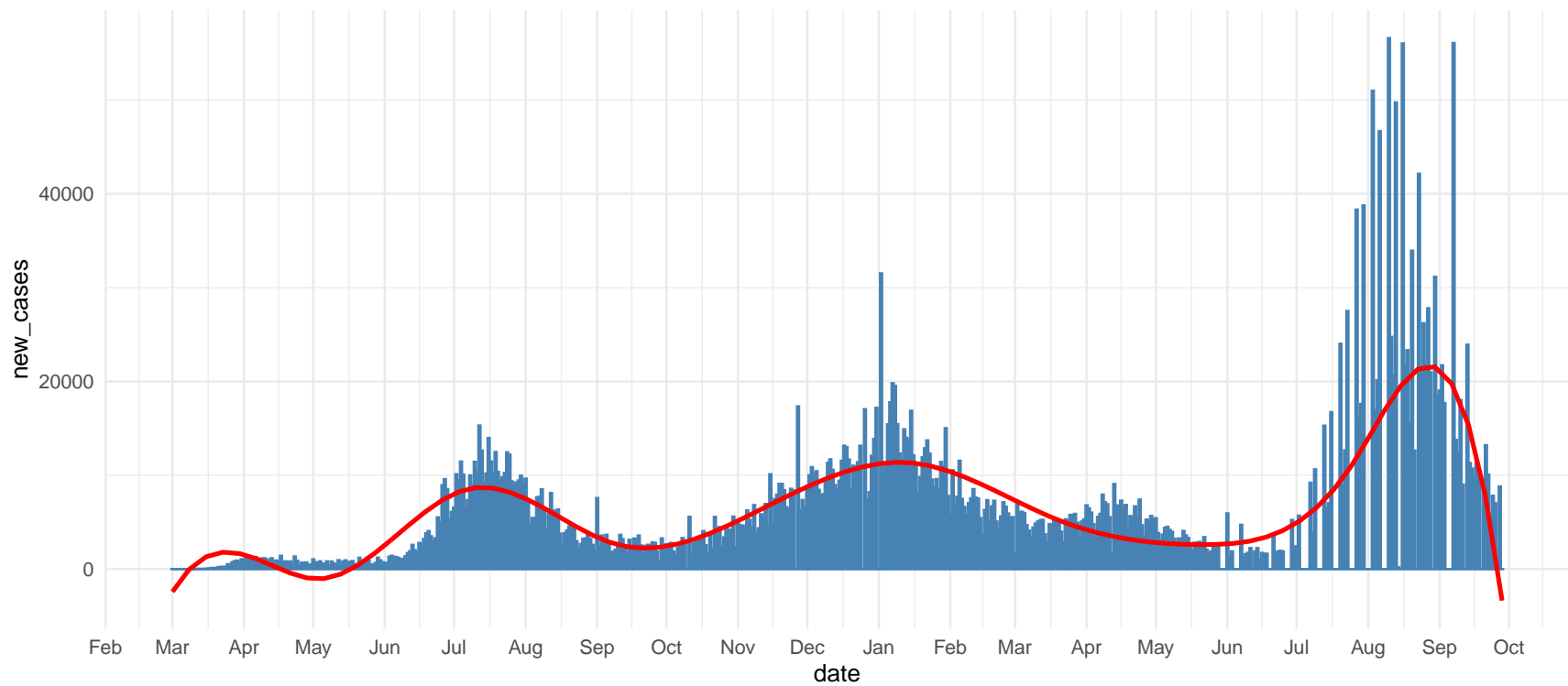
Source: CovidTracking.com
Created by @cdelgadosalas

Florida

Total Cases (with Loess Curve) and Total Cases (with Loess Curve) + Total testing

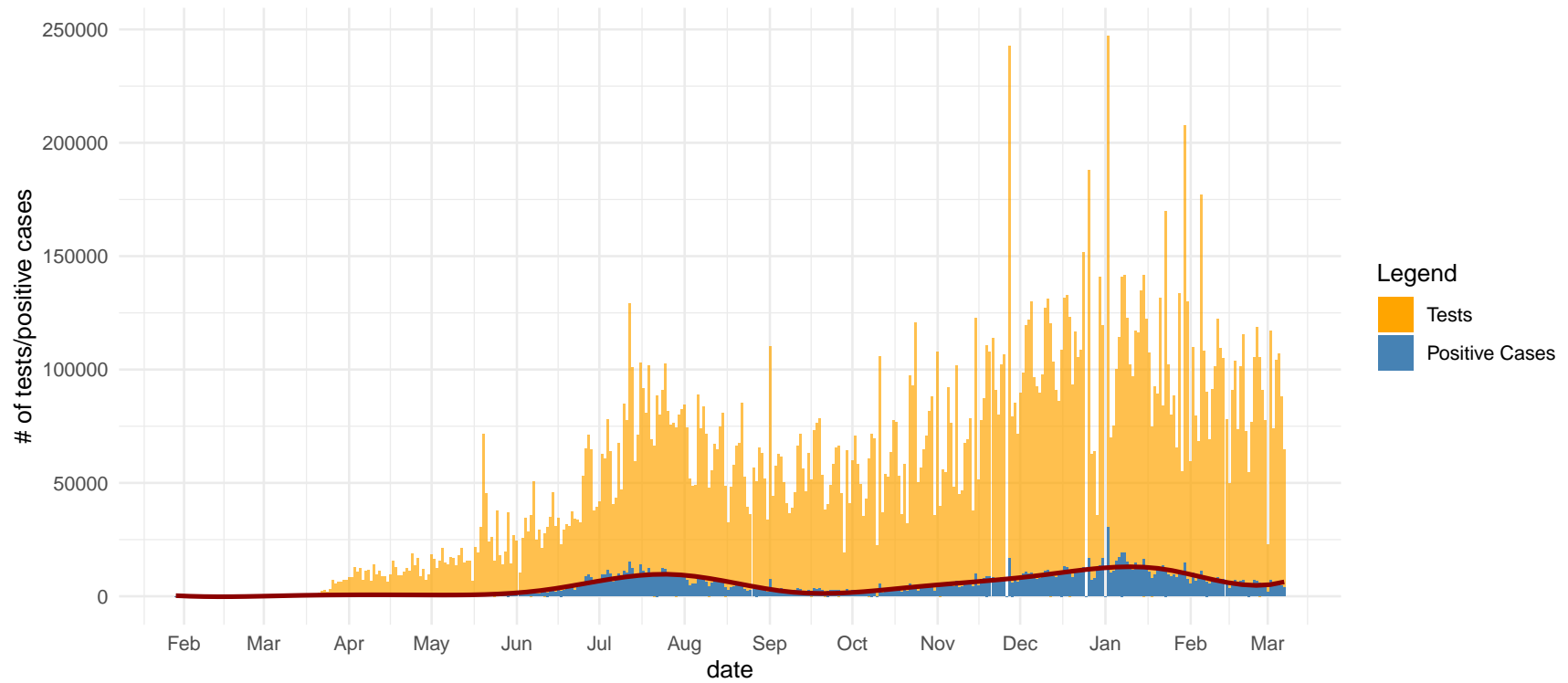
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Florida 2021-09-28



Source: New York Times
Created by @cdelgadosalas

Florida daily COVID-19 tests and positive cases 2021-03-07

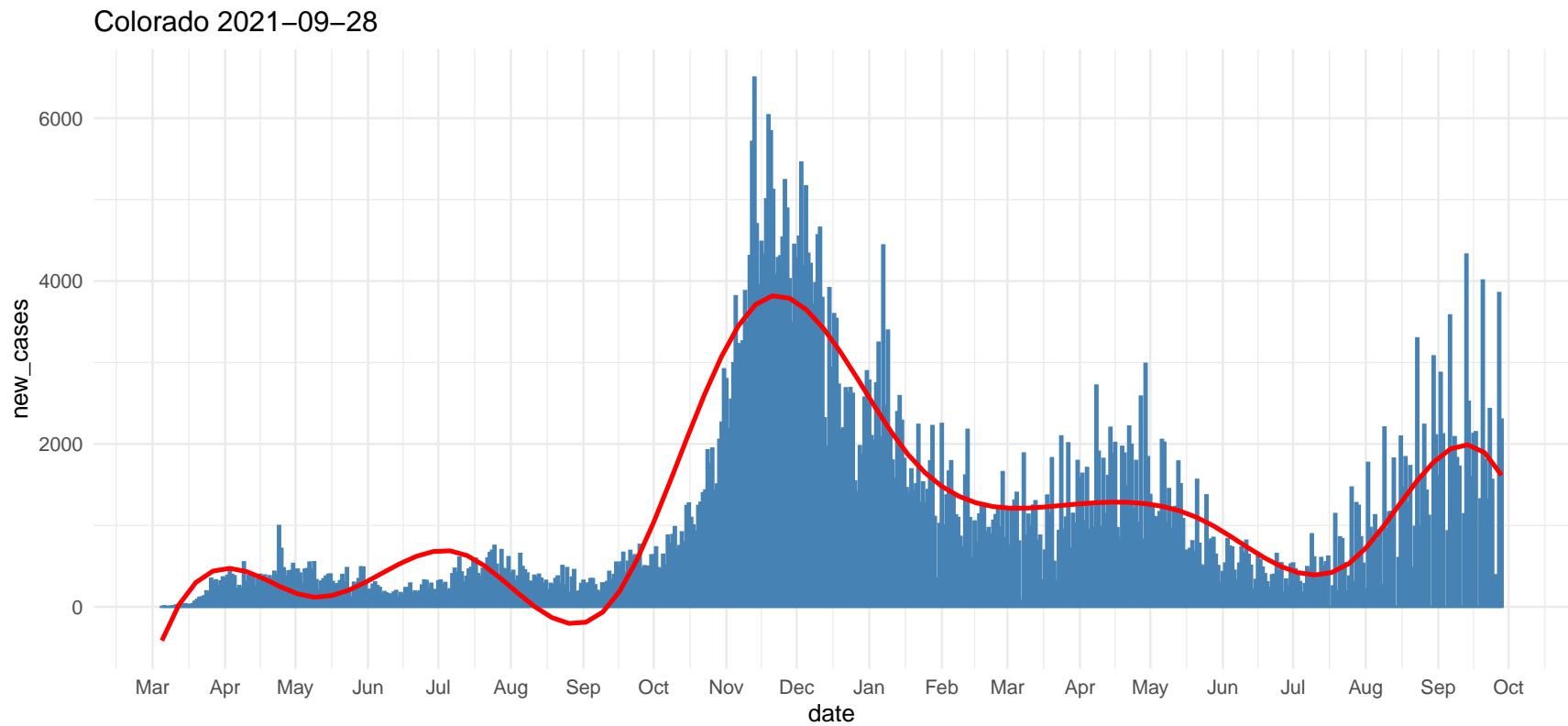


Source: CovidTracking.com
Created by @cdelgadosalas

Colorado

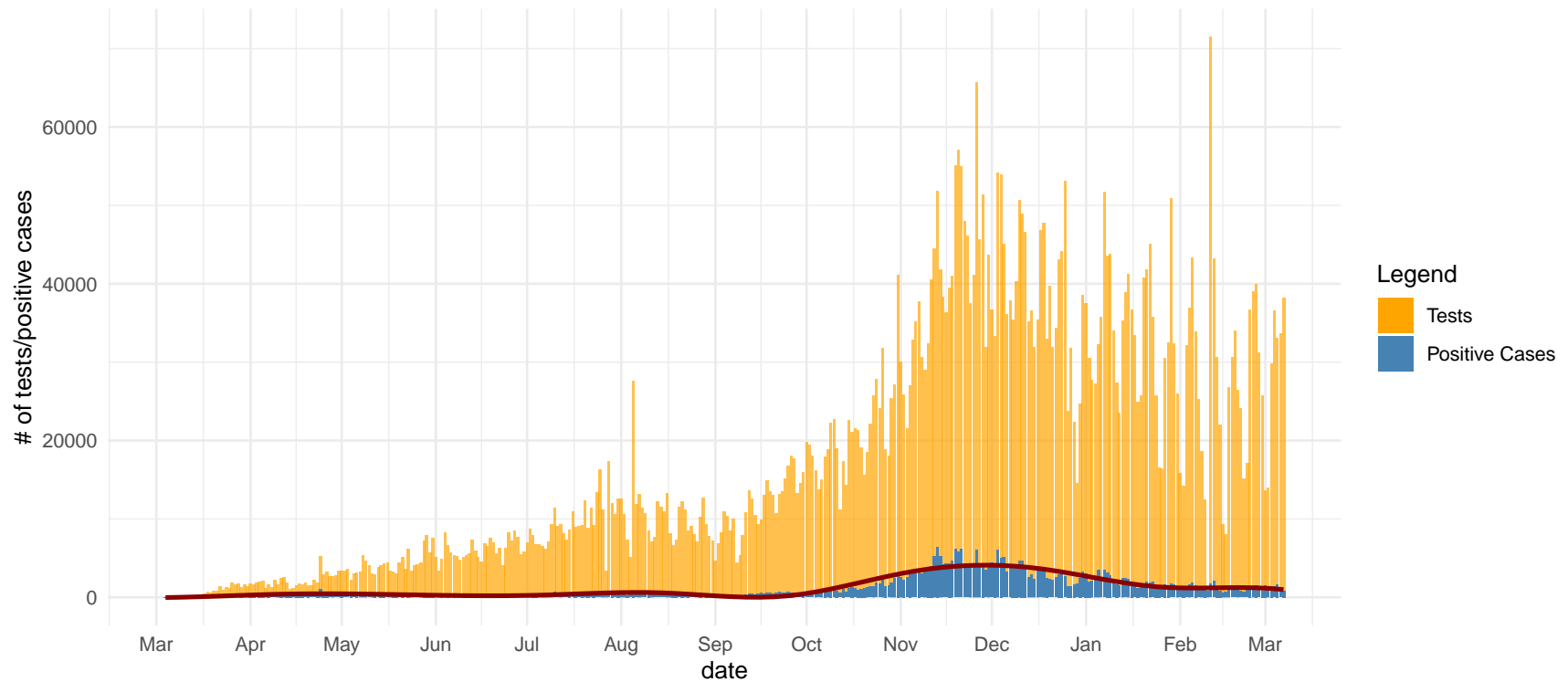
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Source: New York Times
Created by @cdelgadosalas

Colorado daily COVID-19 tests and positive cases 2021-03-07

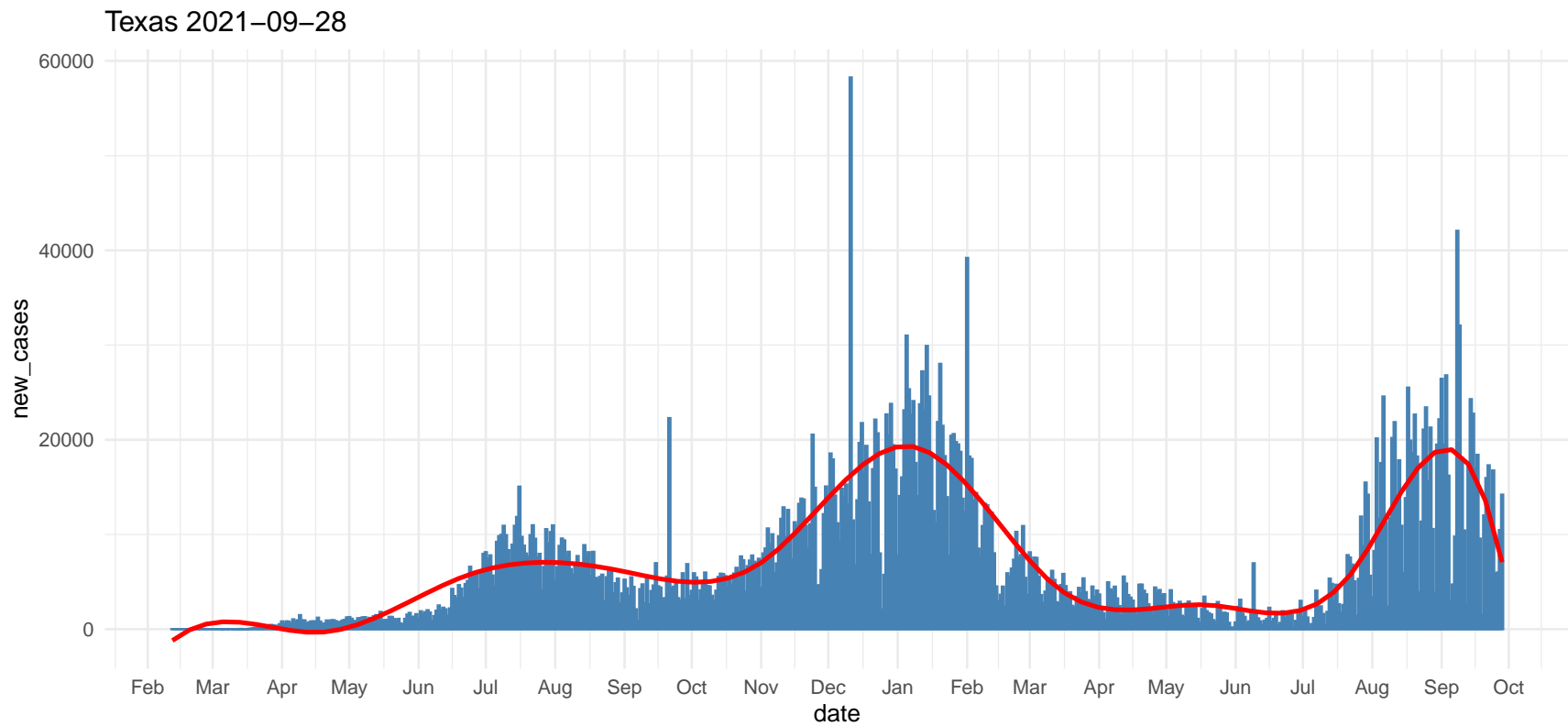


Source: CovidTracking.com
Created by @cdelgadosalas

Texas

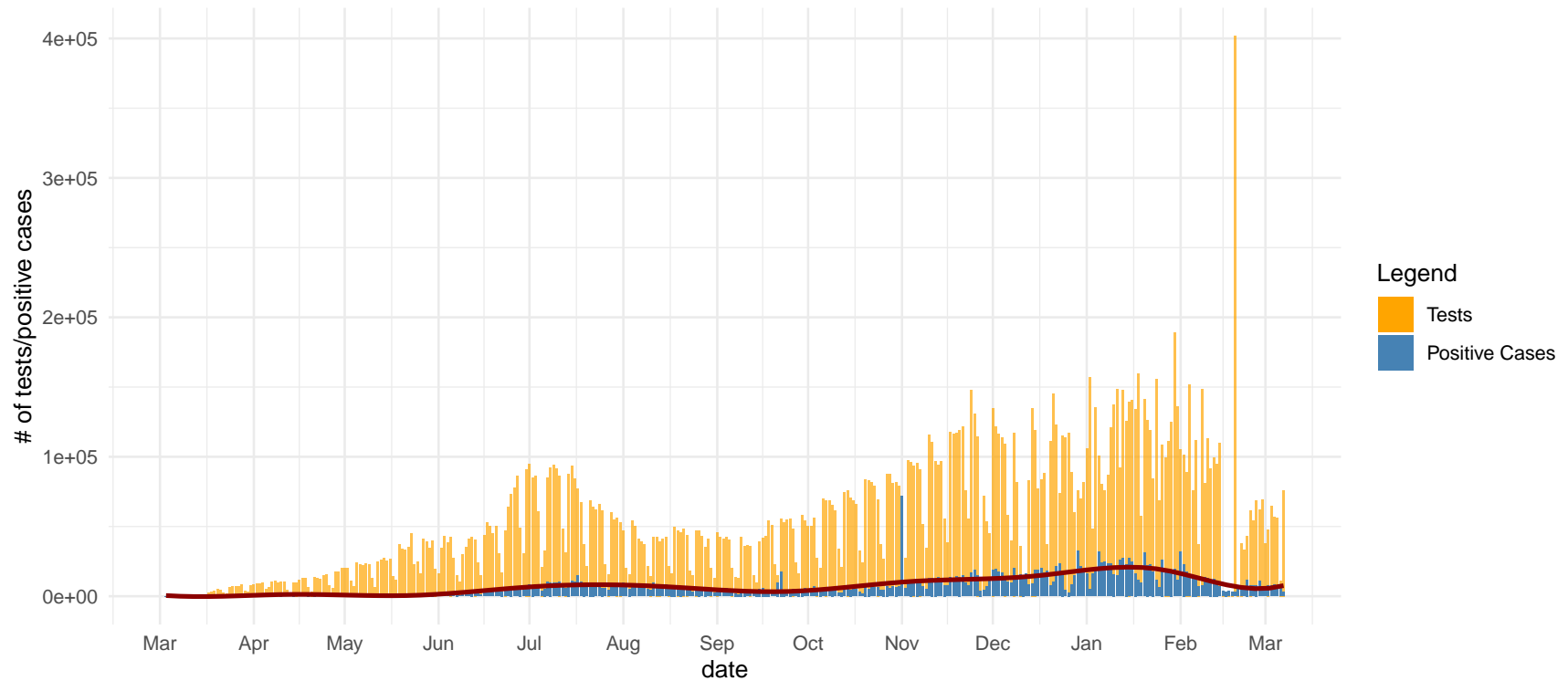
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Source: New York Times
Created by @cdelgadosalas

Texas daily COVID-19 tests and positive cases 2021-03-07



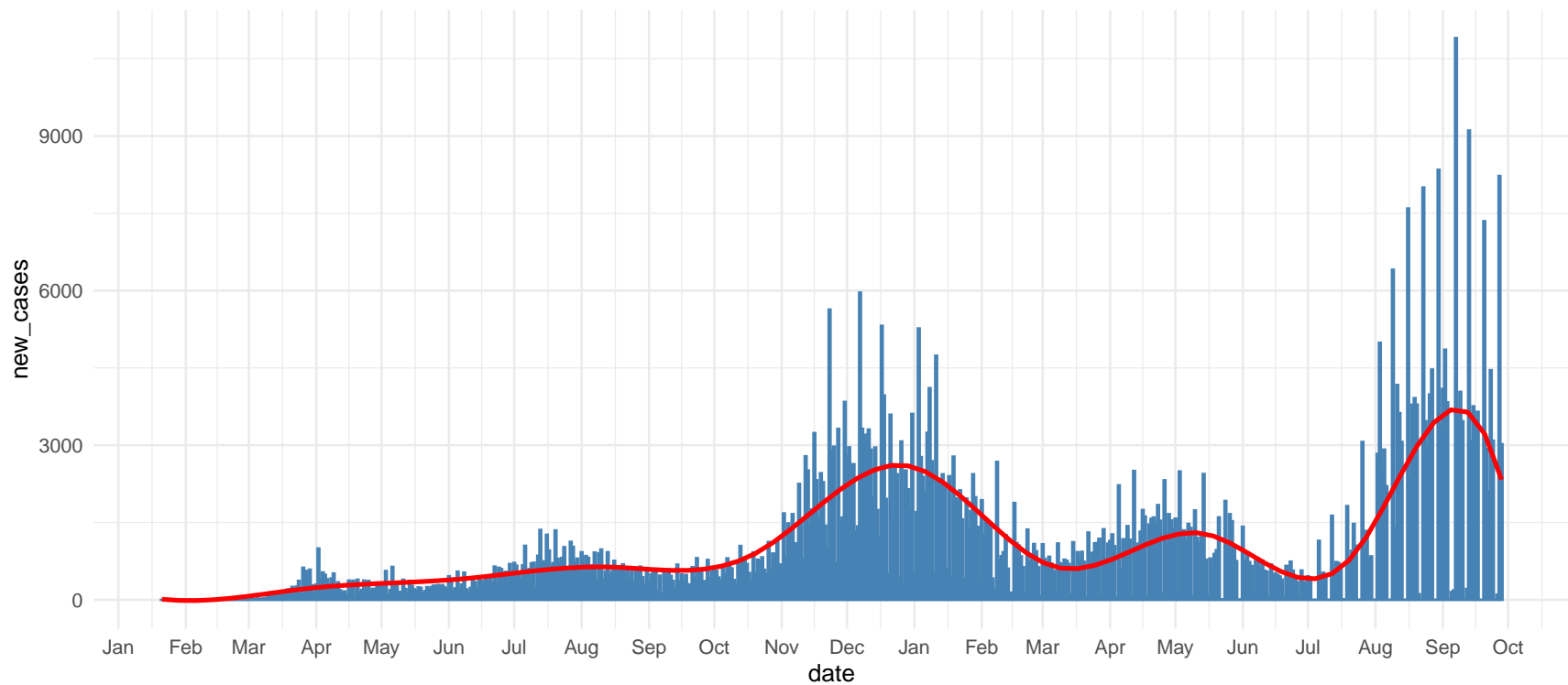
Source: CovidTracking.com
Created by @cdelgadosalas

Washington (State)

Total Cases (with Loess Curve) and Total Cases (with Loess Curve) + Total testing

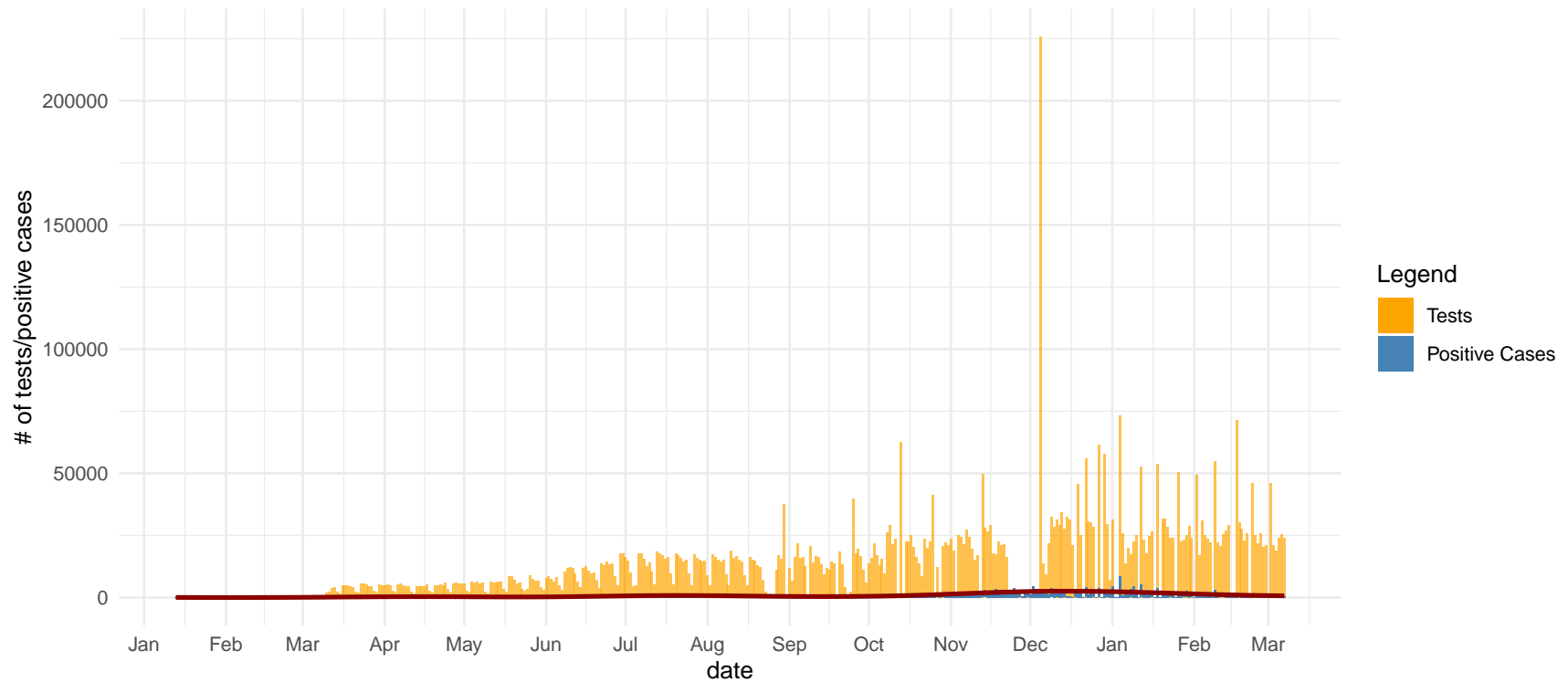
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Washington 2021-09-28



Source: New York Times
Created by @cdelgadosalas

Washington daily COVID-19 tests and positive cases 2021-03-07

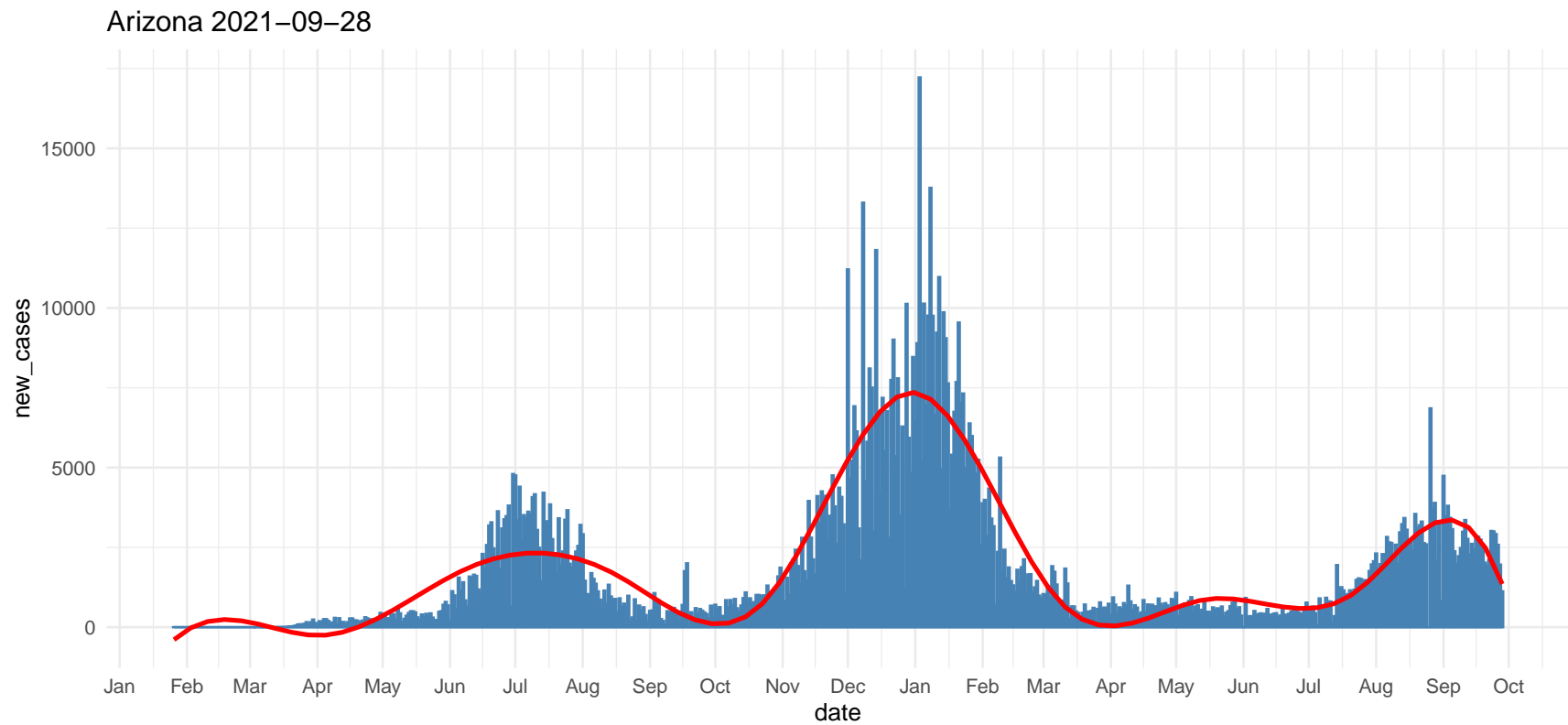


Source: CovidTracking.com
Created by @cdelgadosalas

Arizona

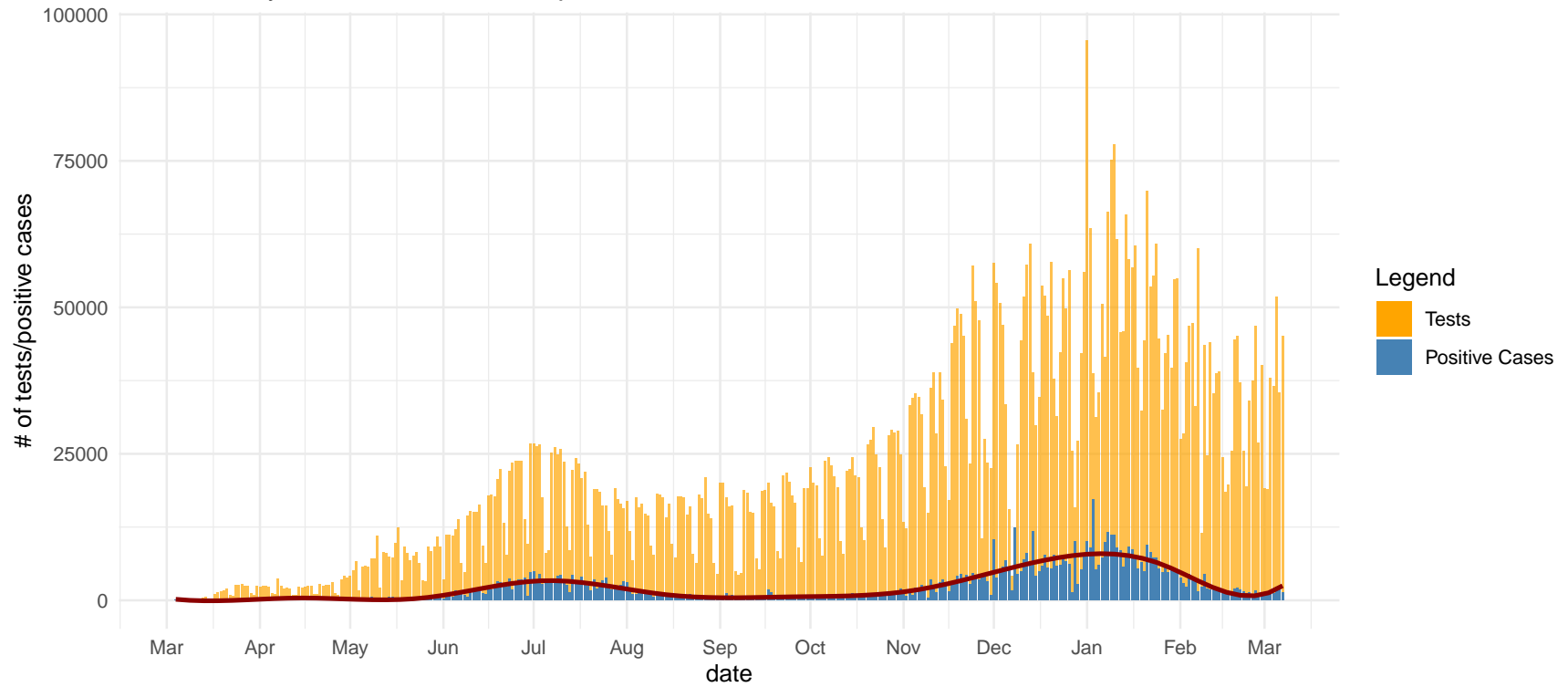
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Source: New York Times
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Arizona daily COVID-19 tests and positive cases 2021-03-07

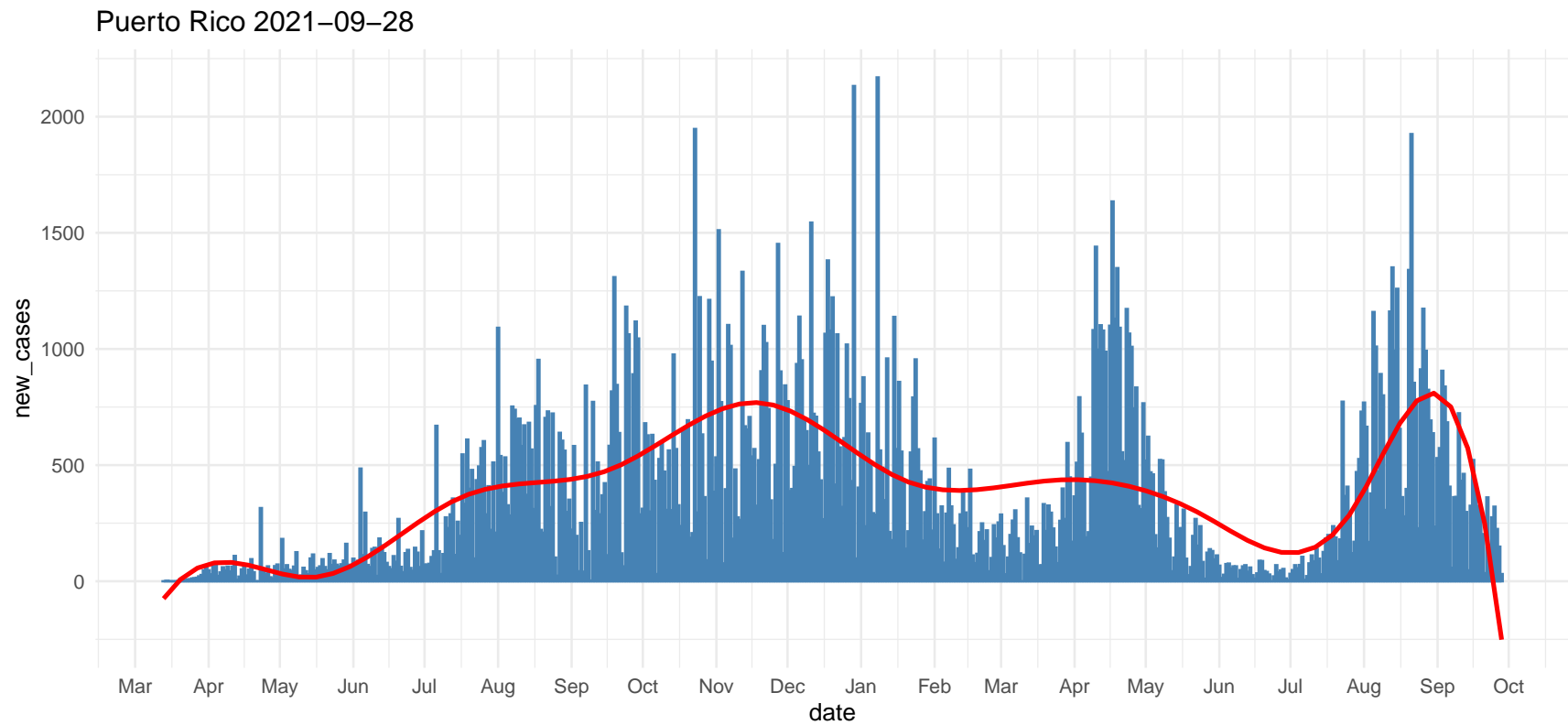


Source: CovidTracking.com
Created by @cdelgadosalas

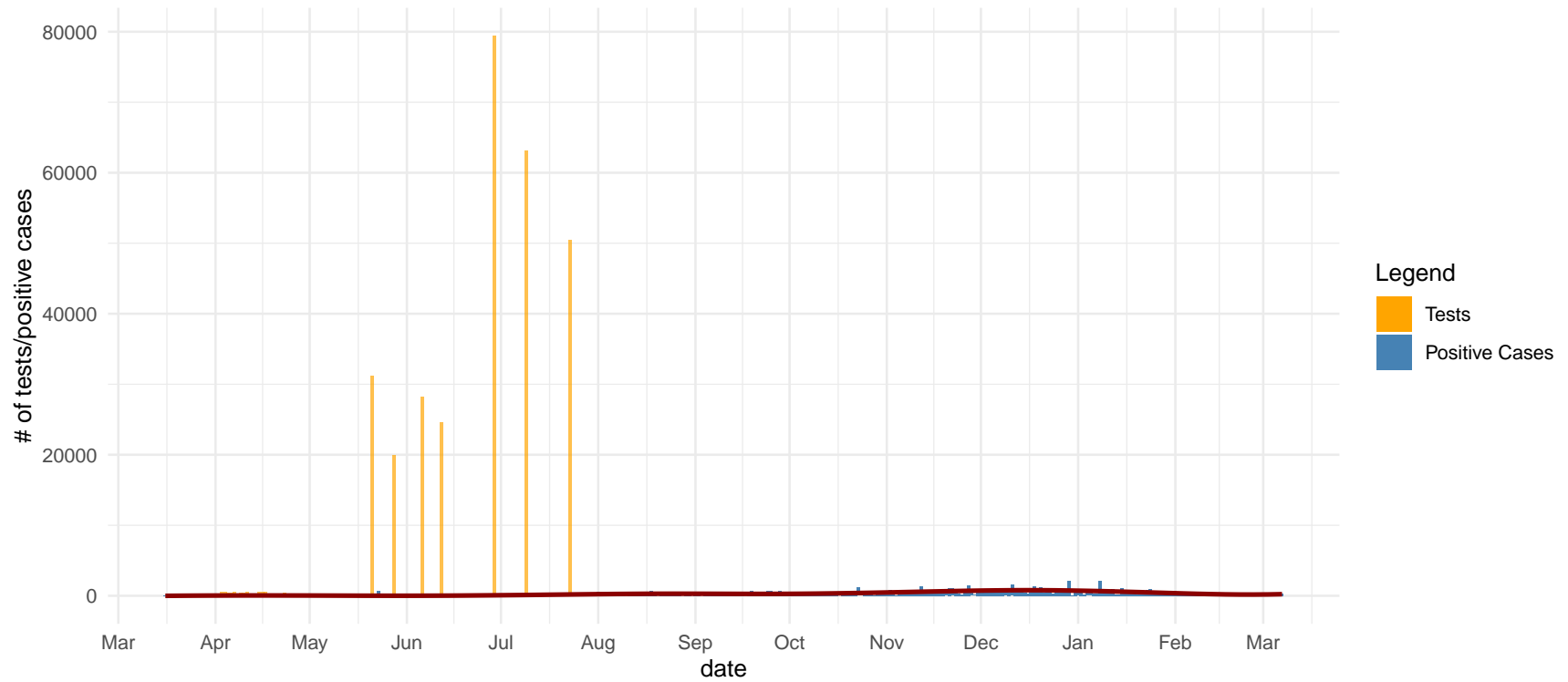
Puerto Rico

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Puerto Rico daily COVID-19 tests and positive cases 2021-03-07

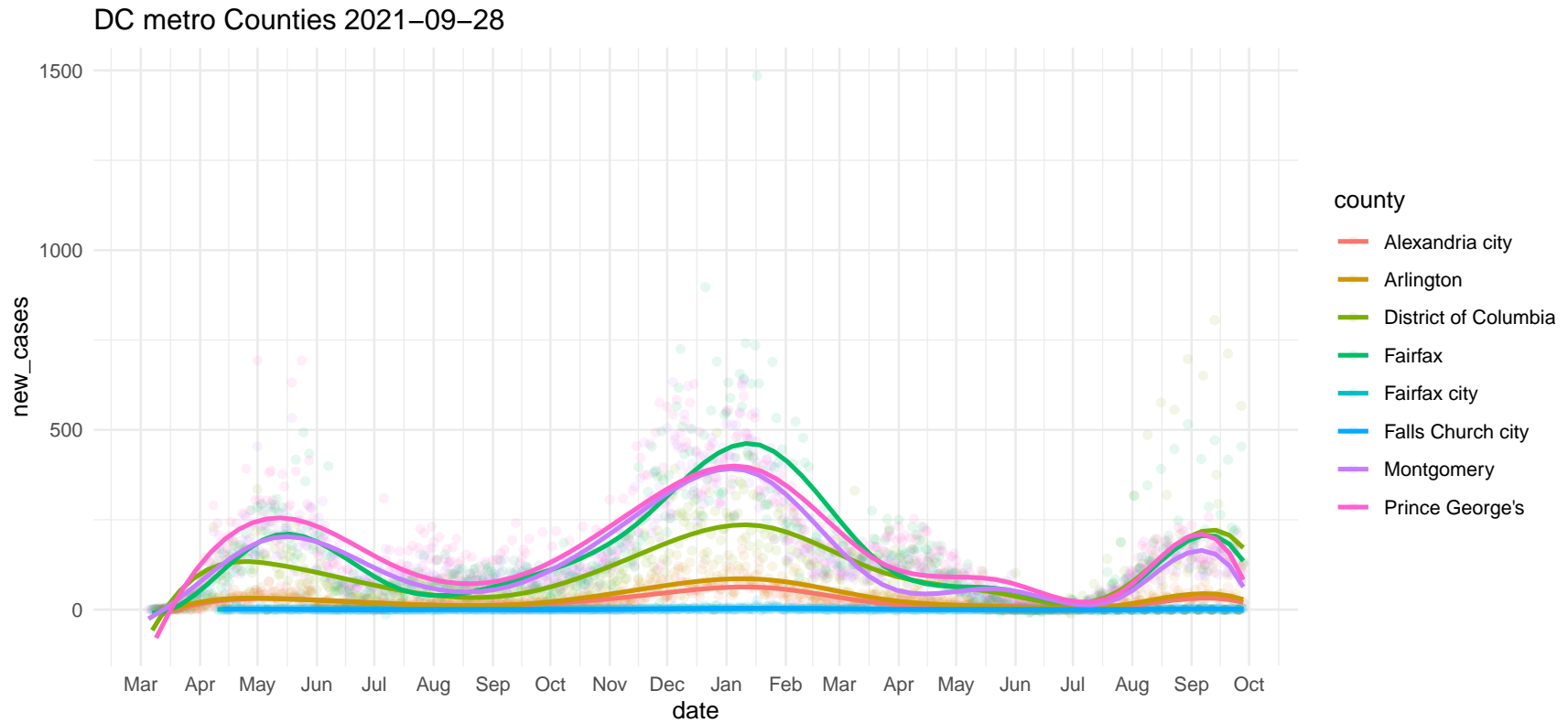


Source: CovidTracking.com
Created by @cdelgadosalas

Plots for city areas and metropolitan areas (Compared by counties)

DMV (DC, Maryland and Virginia)

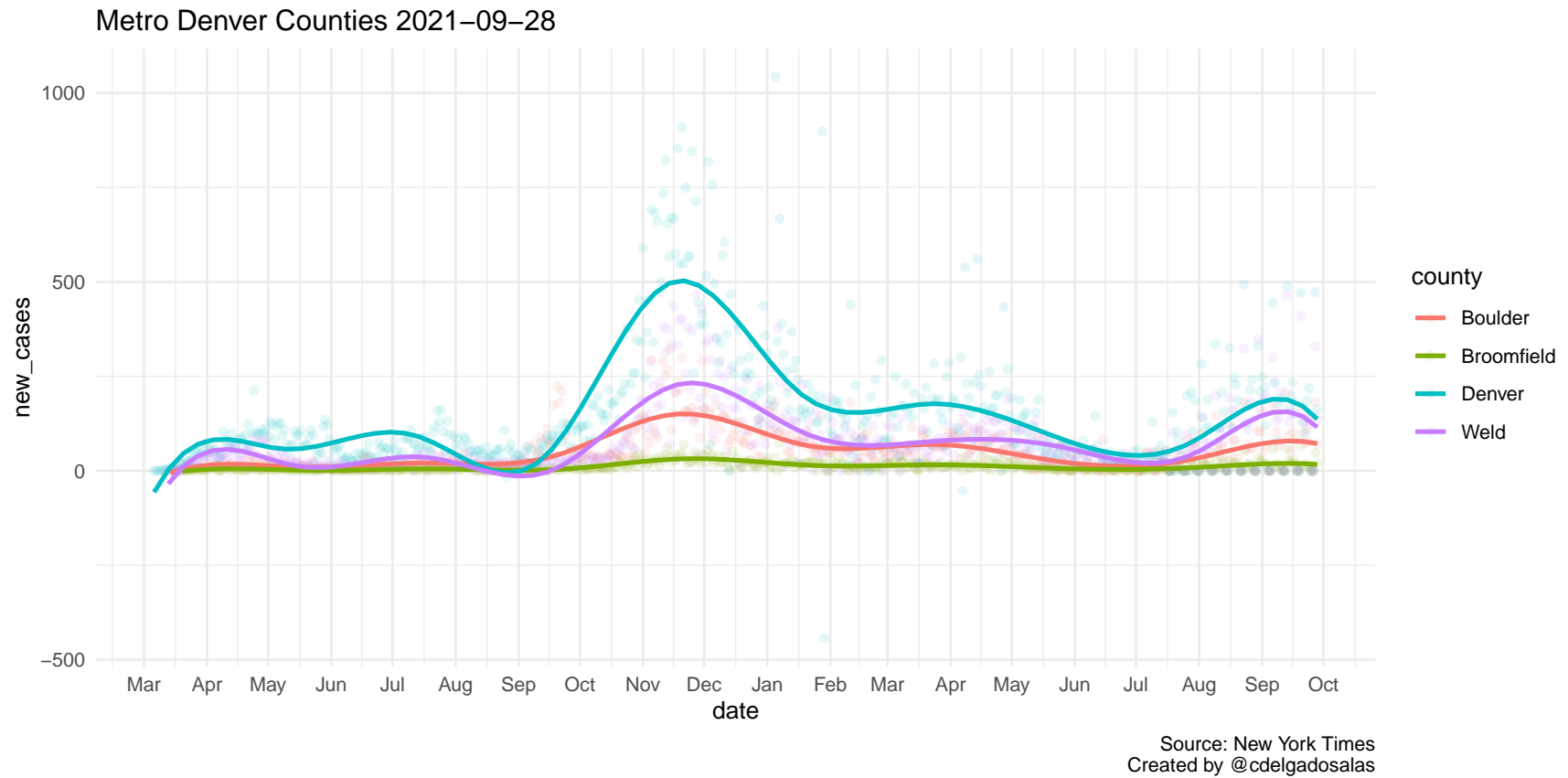
(The amount of new cases per day are shown in transparent points and a Loess regression curve is fitted into the data to smoothen the curve)



Source: New York Times
Created by @cdelgadosalas

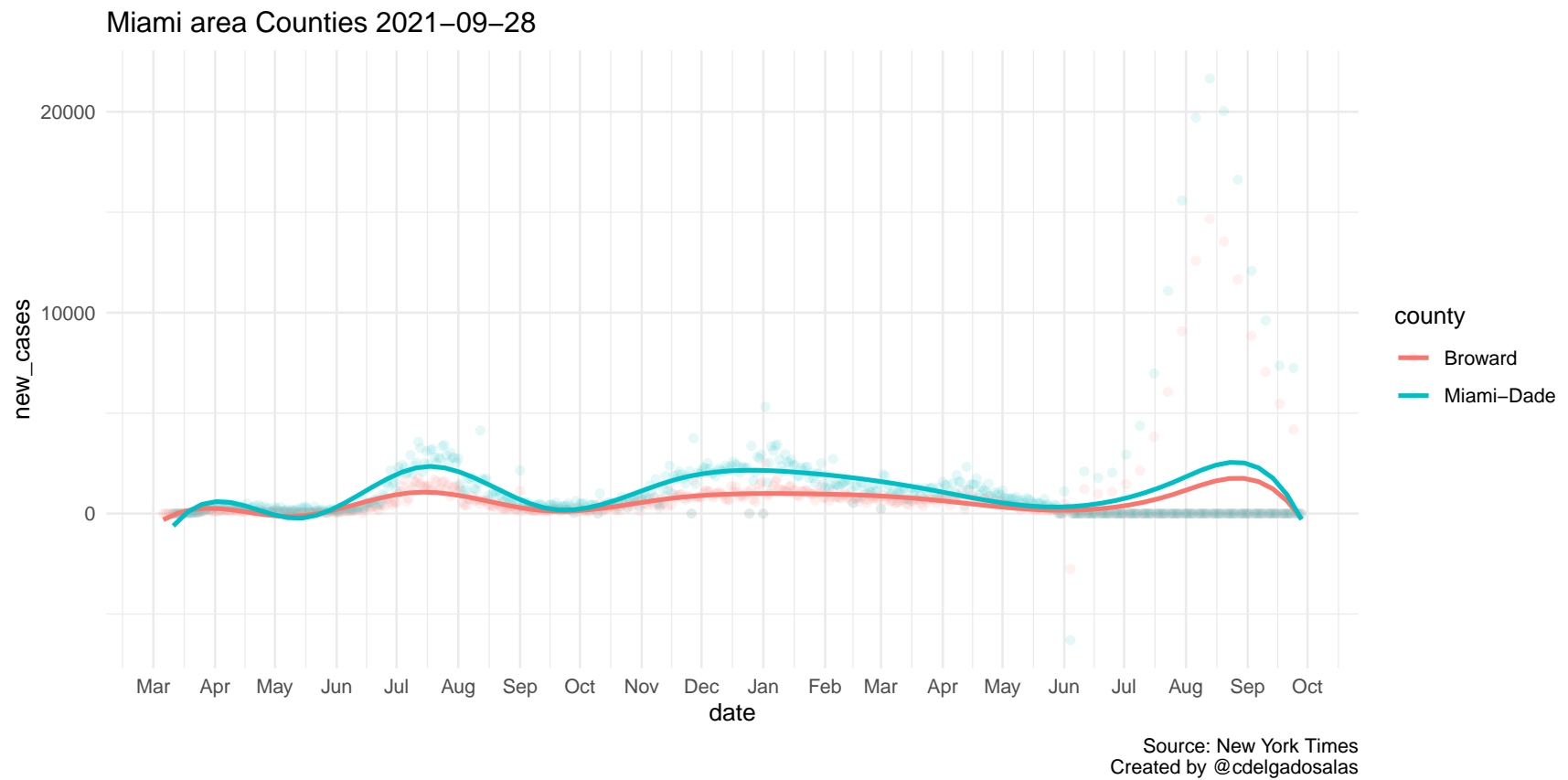
Metro Denver counties

(The amount of new cases per day are shown in transparent points and a Loess regression curve is fitted into the data to smoothen the curve)



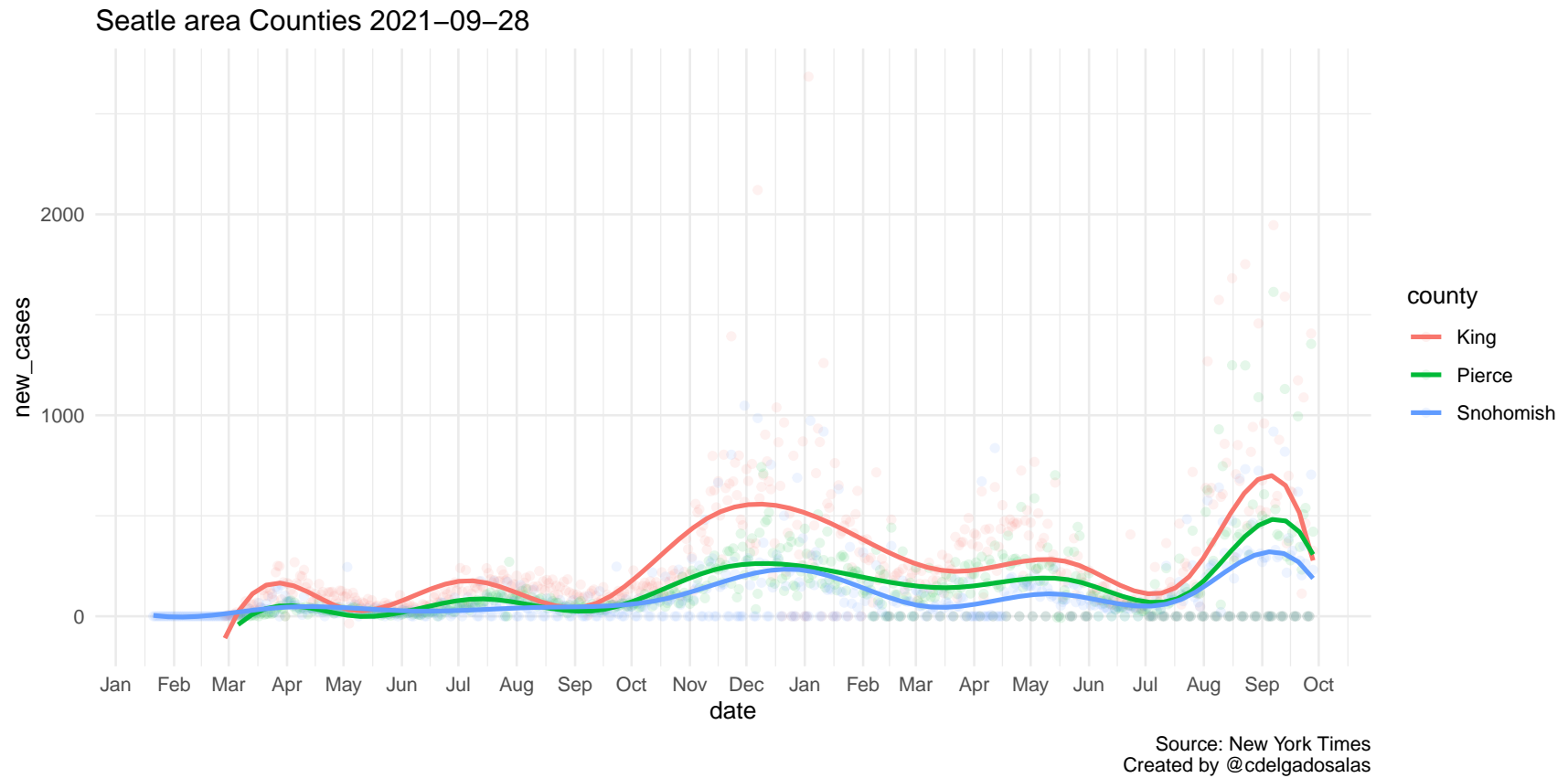
Miami area counties

(The amount of new cases per day are shown in transparent points and a Loess regression curve is fitted into the data to smoothen the curve)



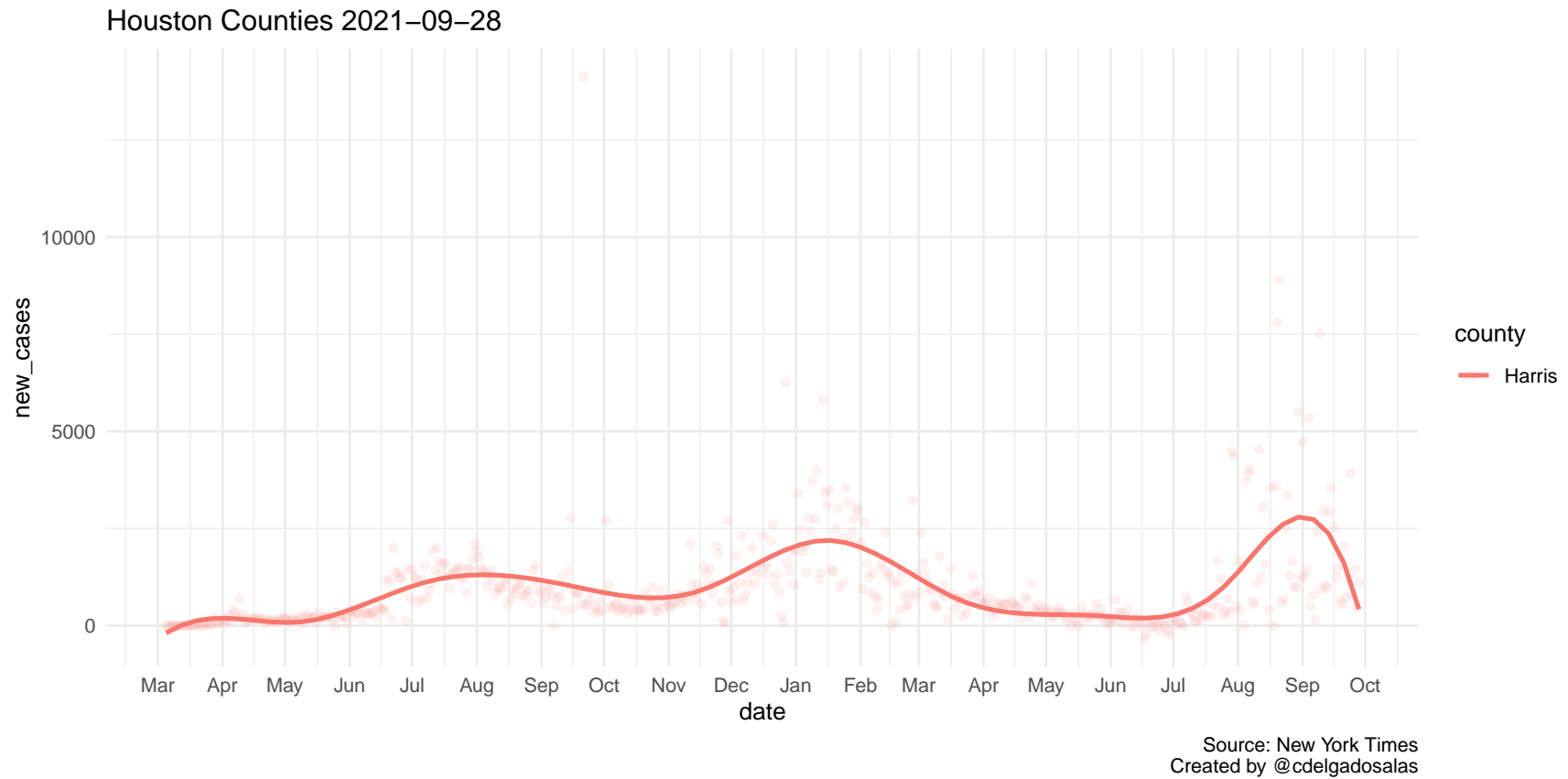
Seattle area counties

(The amount of new cases per day are shown in transparent points and a Loess regression curve is fitted into the data to smoothen the curve)



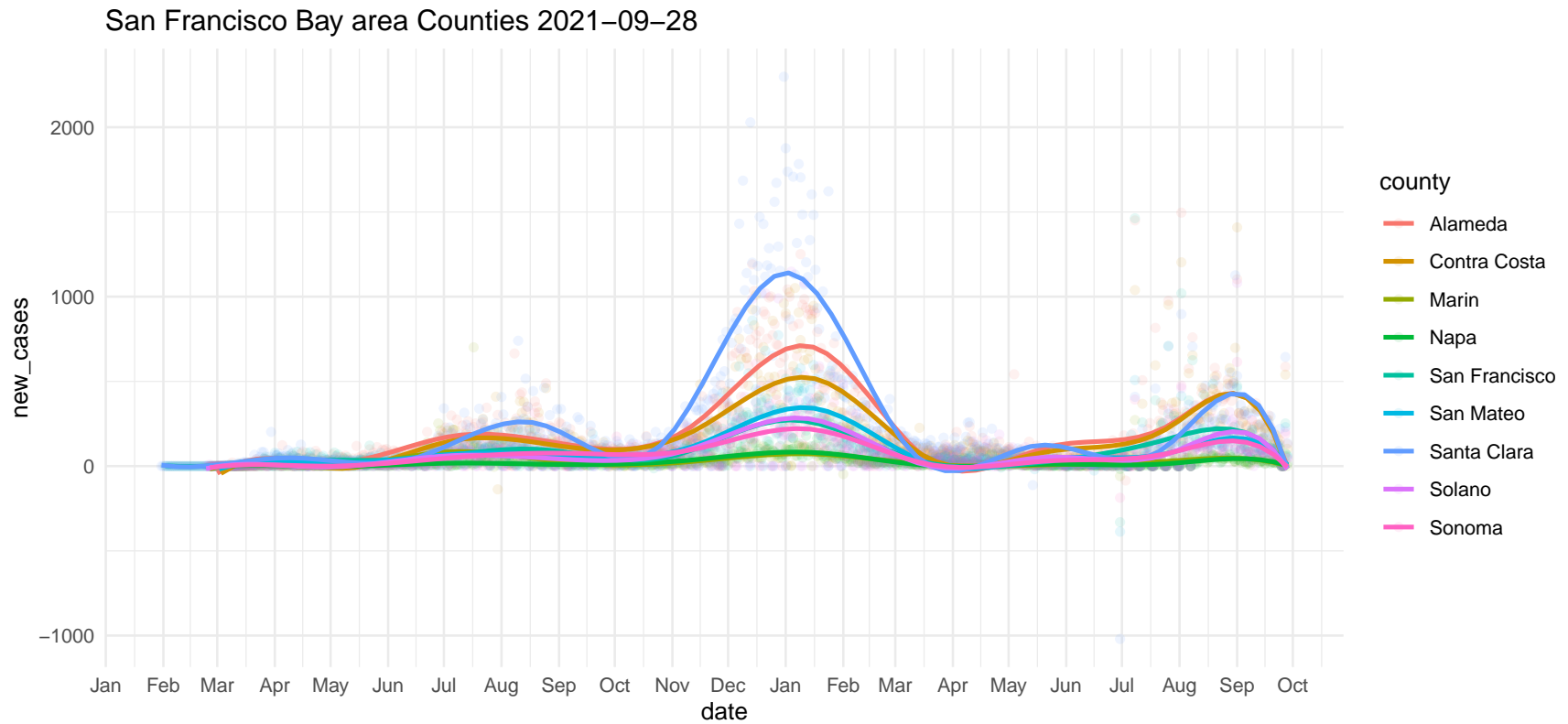
Houston area county

(The amount of new cases per day are shown in transparent points and a Loess regression curve is fitted into the data to smoothen the curve)



San Francisco Bay area counties

(The amount of new cases per day are shown in transparent points and a Loess regression curve is fitted into the data to smoothen the curve)



Source: New York Times
Created by @cdelgadosalas