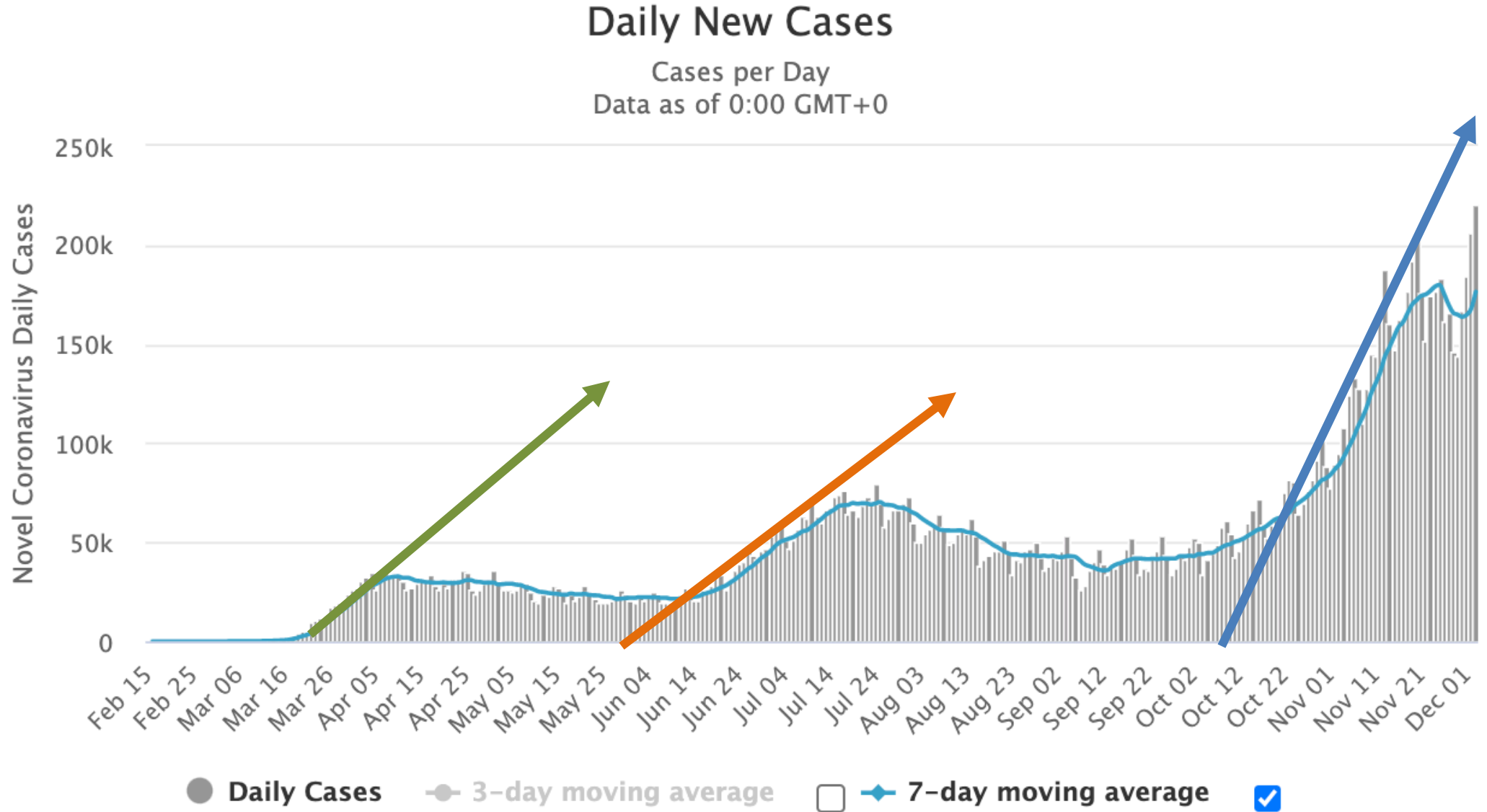


This Fall surge is different from the Spring or Summer Surge and combining to create a Winter Surge

- This Surge is **rising** more rapidly than seen previously
- This Surge is **broader** involving more counties simultaneously
- This Surge is **longer** in duration – nearly twice as long so far from initiation of rapid spread to plateau
- The pattern of rapid increasing cases, to hospitalizations to fatalities is being replicated across the USA beginning with the Northern Plains as the weather cools and Americans gather indoors
- Any indoor gatherings without masks are viral spreading events whether in a bar, restaurant or around a dining room table
- Asymptomatic (silent transmission) is a critical component of viral spread and must be identified through testing
- The importance of testing as a public health intervention equal to masking, physical distancing and hand hygiene

Daily New Cases in the United States

Depth of Fall Surge

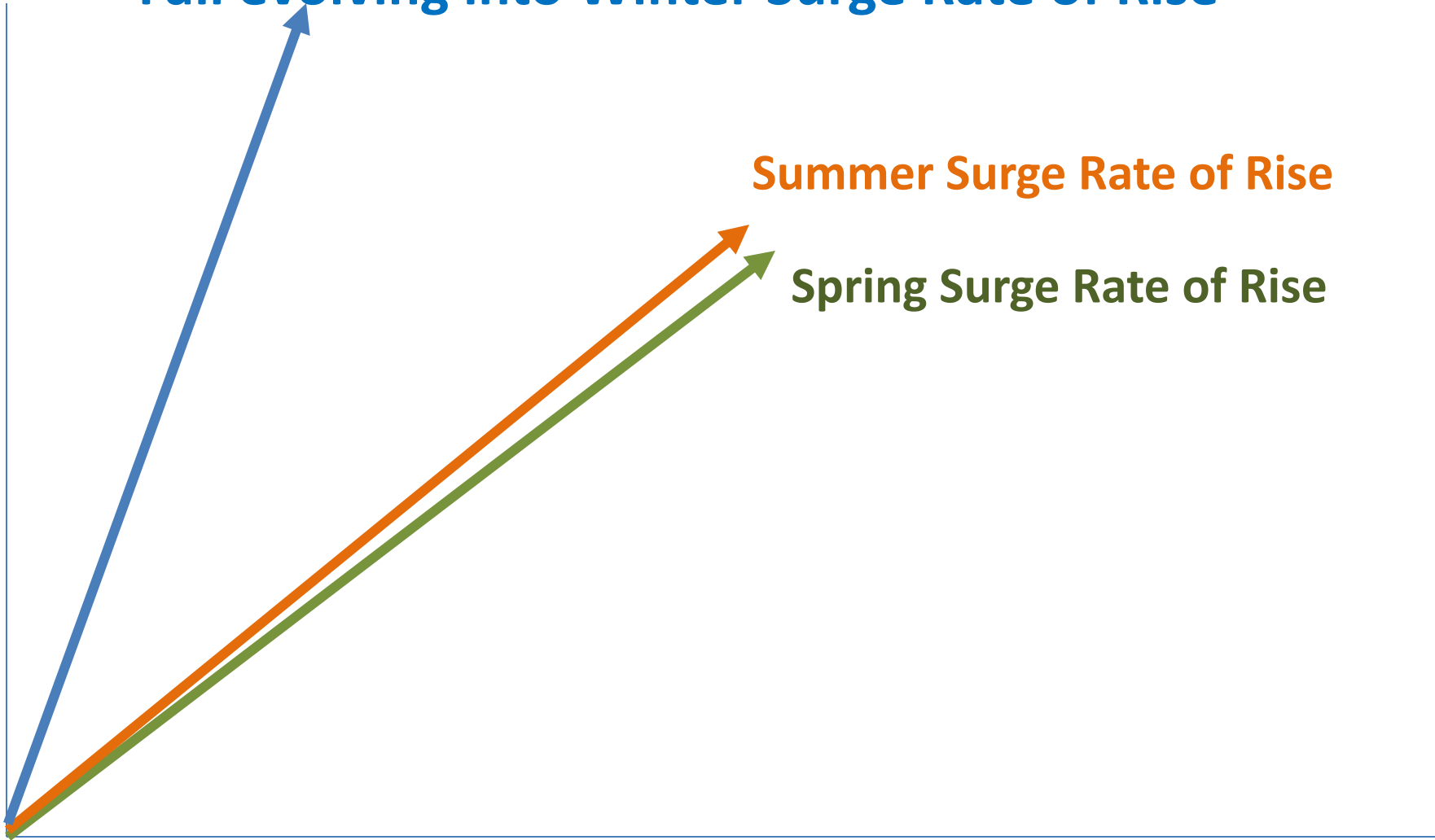


Depth of Fall Surge

Fall evolving into Winter Surge Rate of Rise

Summer Surge Rate of Rise

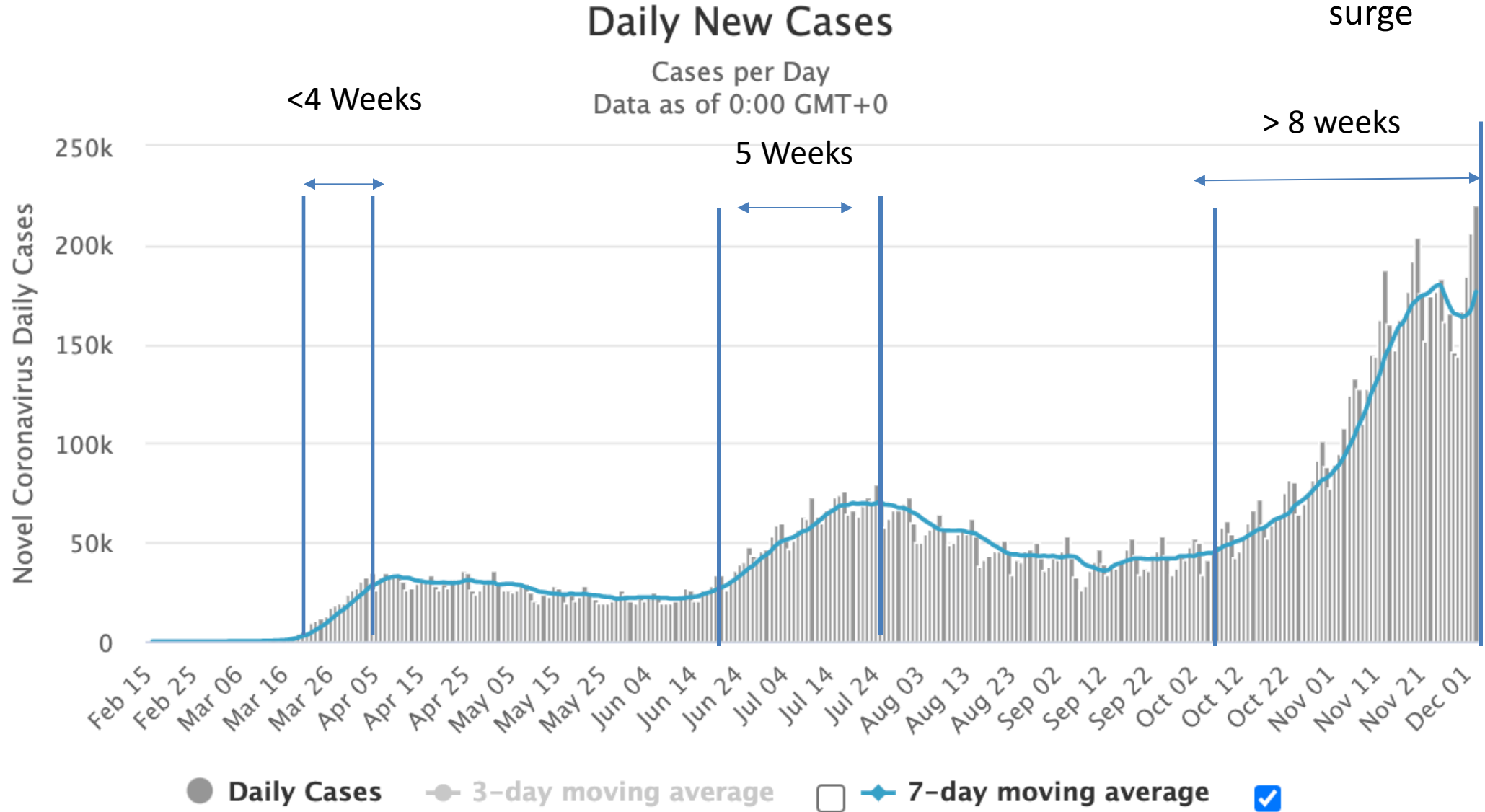
Spring Surge Rate of Rise



Superimposing rate of case rise showing significant difference between the prior surges and the Fall

Daily New Cases in the United States

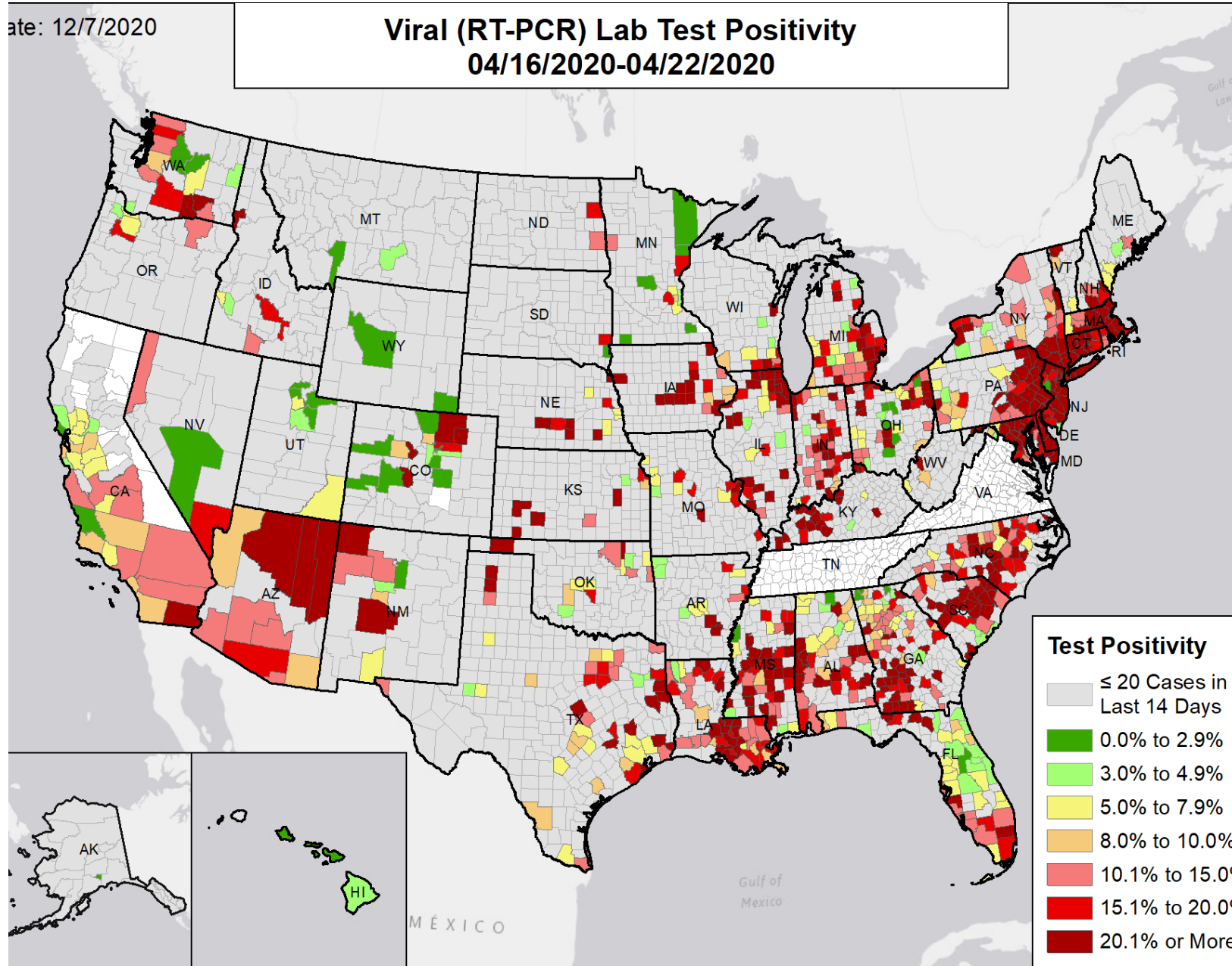
Duration of Fall Surge
Peak has not been achieved
and is becoming the Winter
surge



8 MONTHS AGO

ate: 12/7/2020

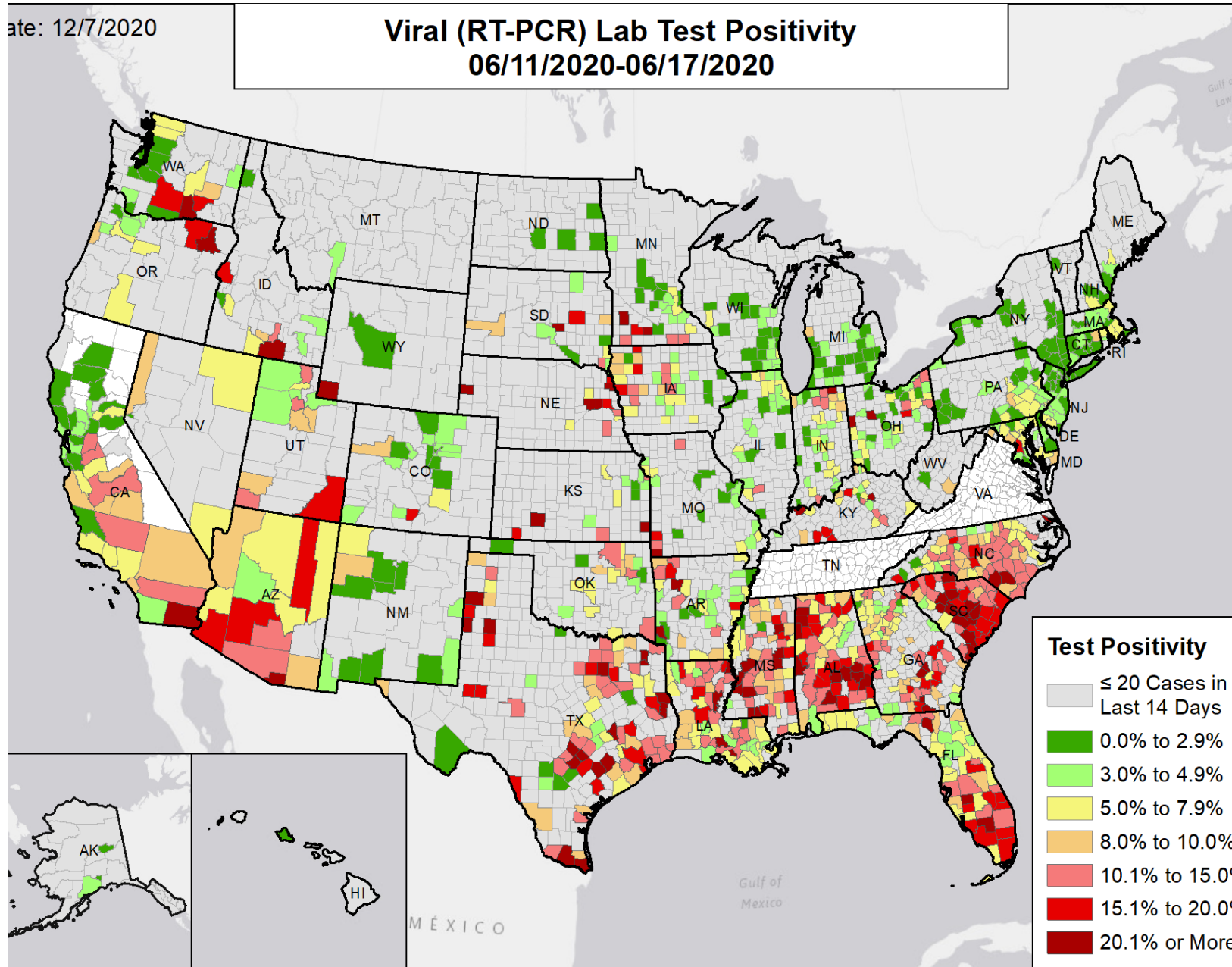
Viral (RT-PCR) Lab Test Positivity
04/16/2020-04/22/2020



6 MONTHS AGO

ate: 12/7/2020

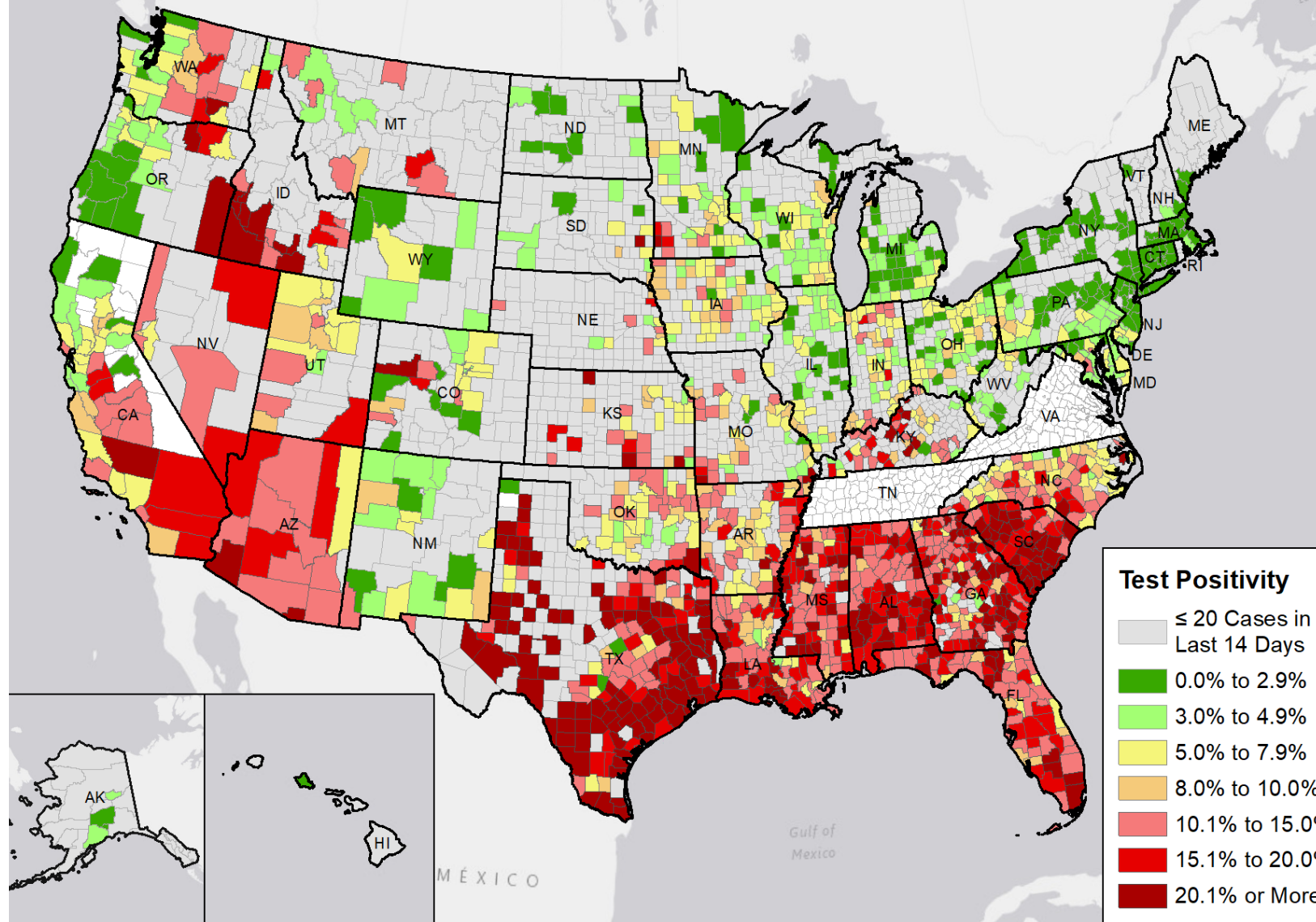
Viral (RT-PCR) Lab Test Positivity 06/11/2020-06/17/2020



5 MONTHS AGO

ate: 12/7/2020

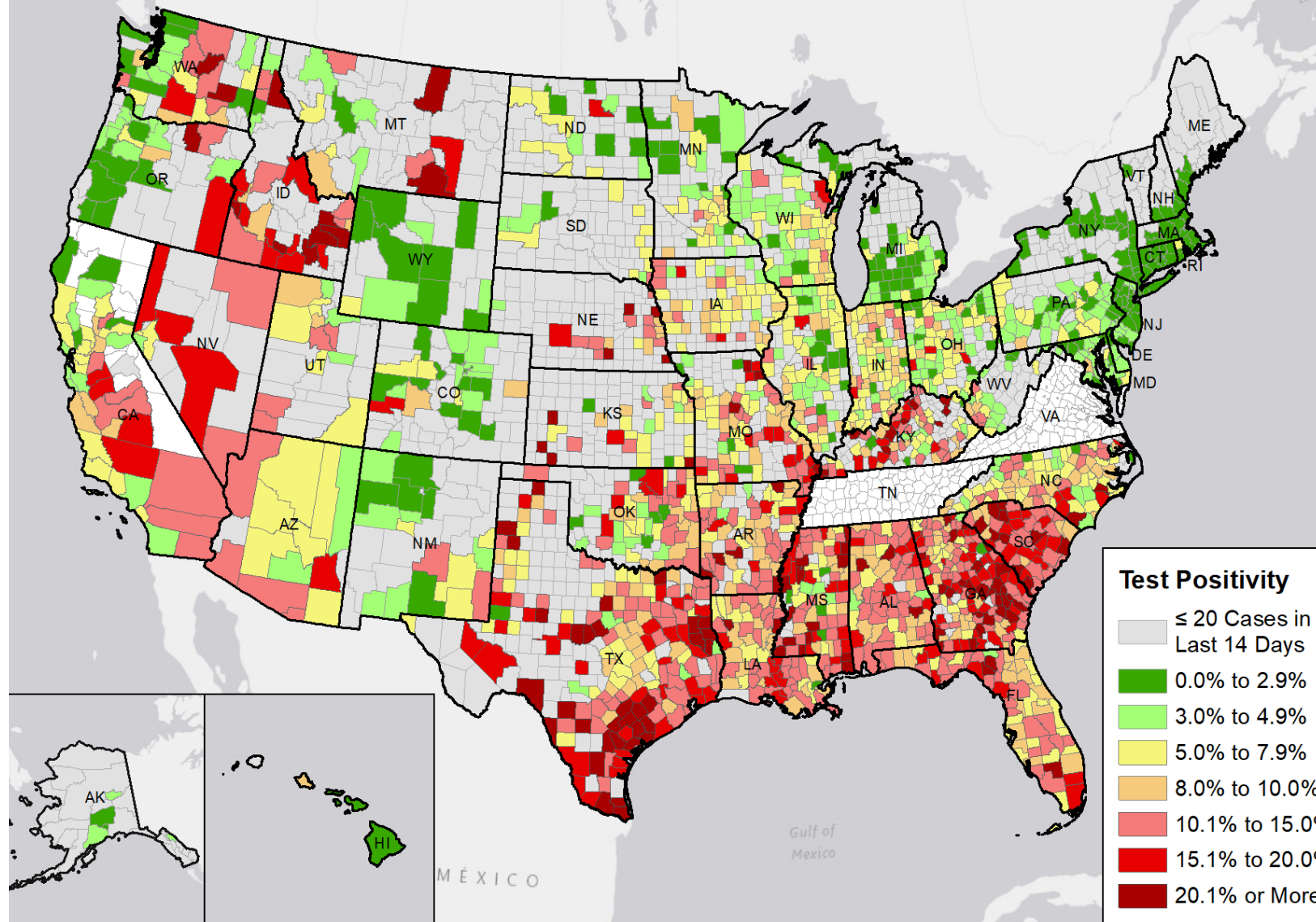
Viral (RT-PCR) Lab Test Positivity 07/9/2020-07/15/2020



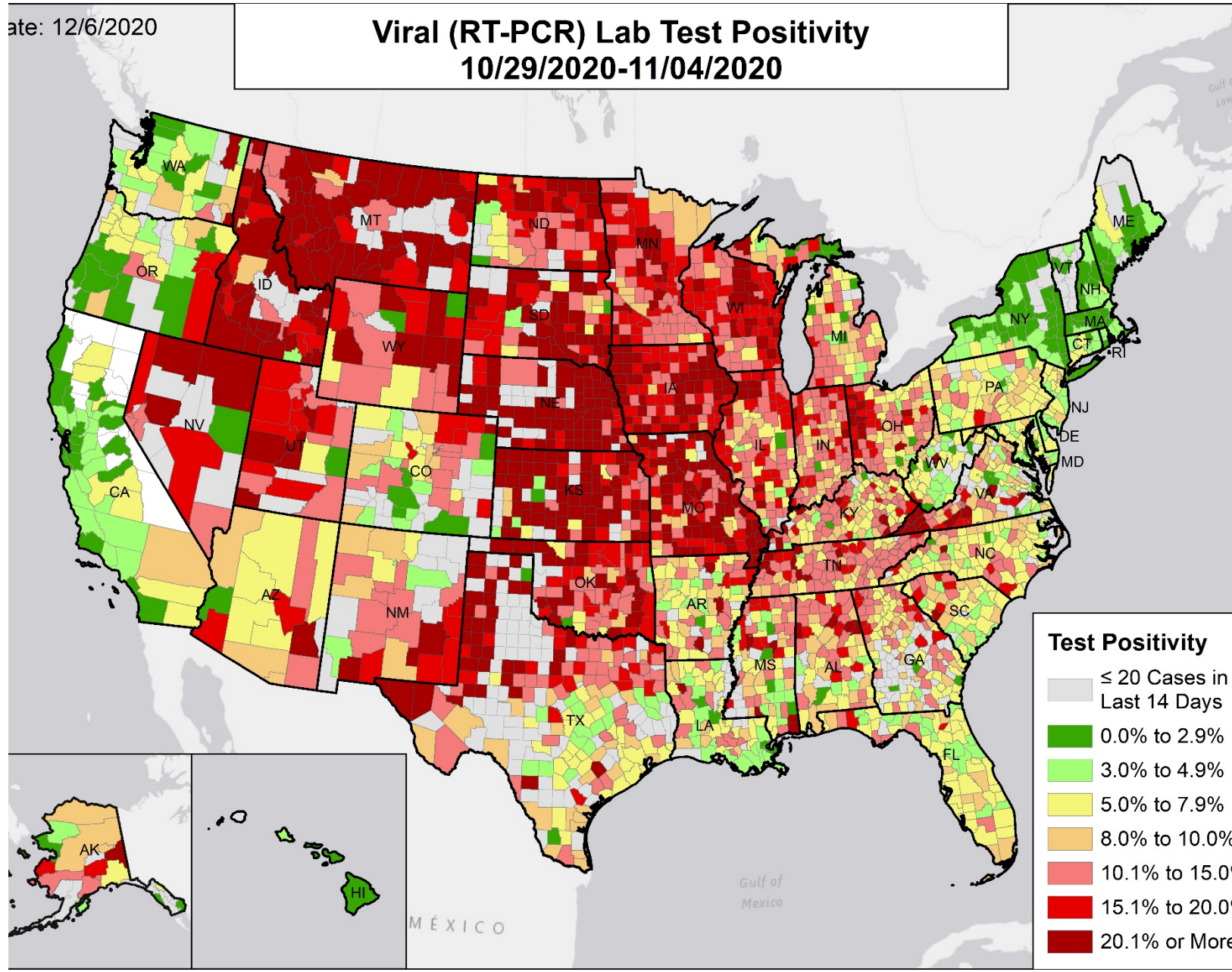
4 MONTHS AGO

ate: 12/7/2020

Viral (RT-PCR) Lab Test Positivity 08/6/2020-08/12/2020



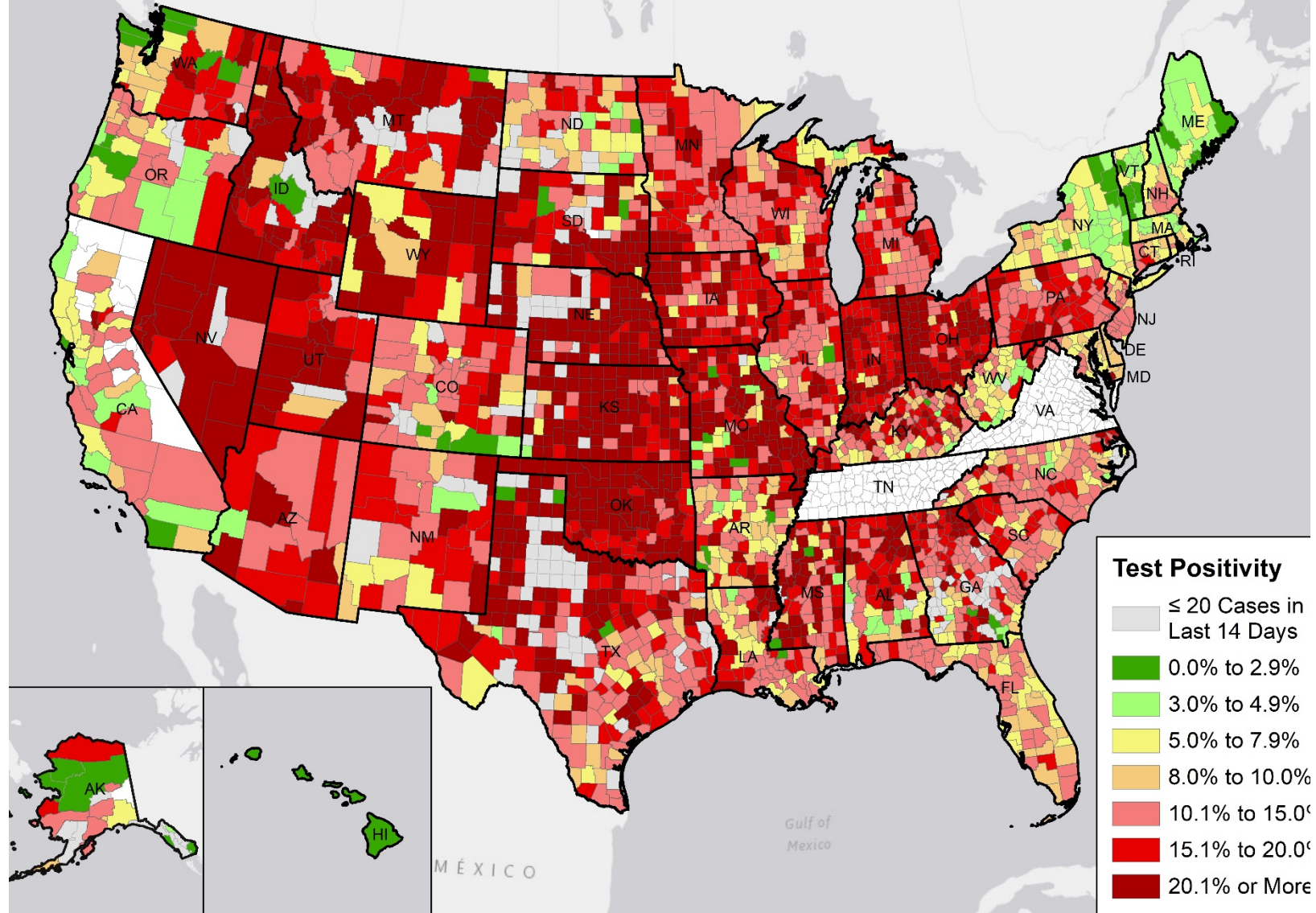
1 MONTH AGO



LAST WEEK

ate: 12/6/2020

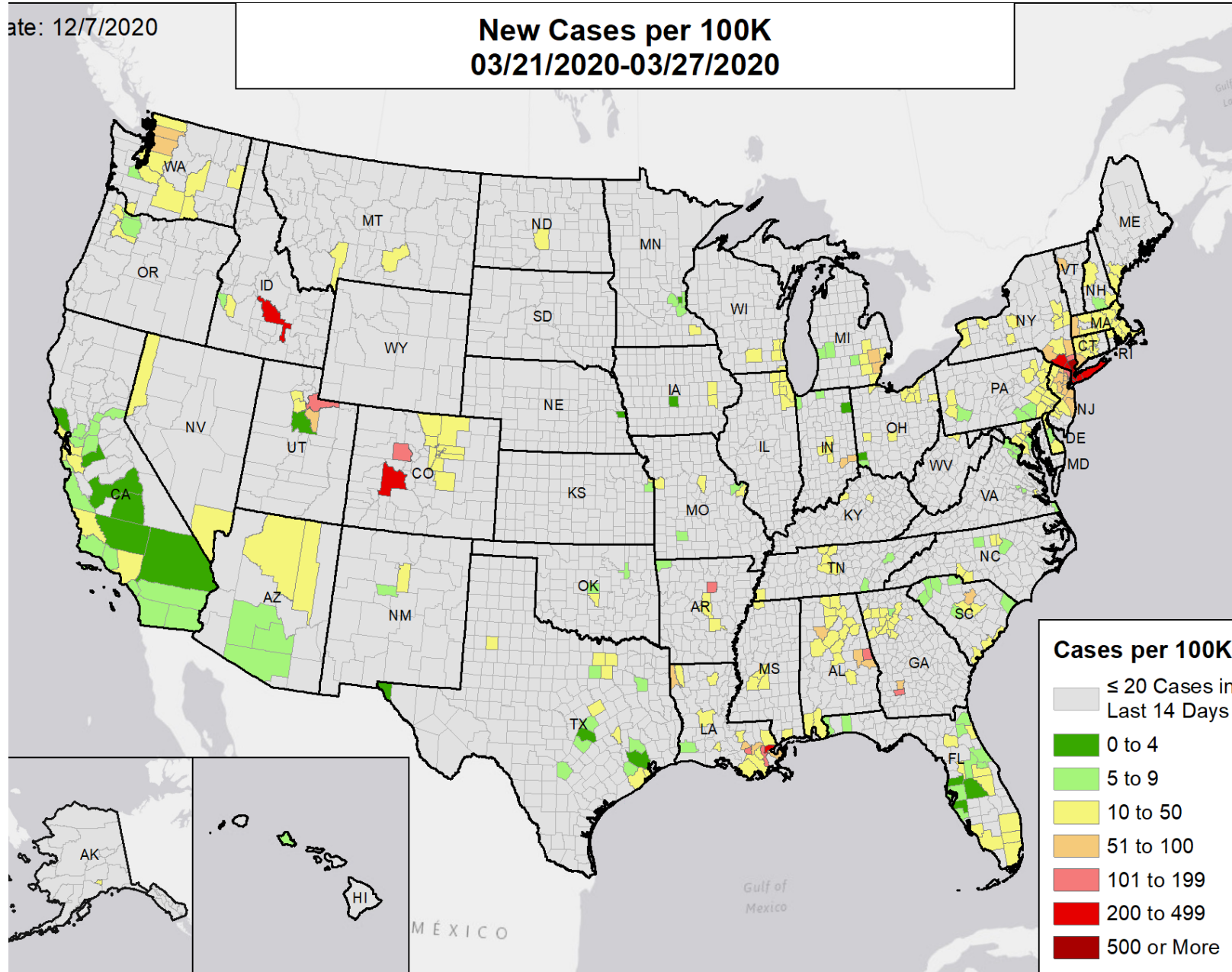
Viral (RT-PCR) Lab Test Positivity 11/26/2020-12/02/2020



9 MONTHS AGO

ate: 12/7/2020

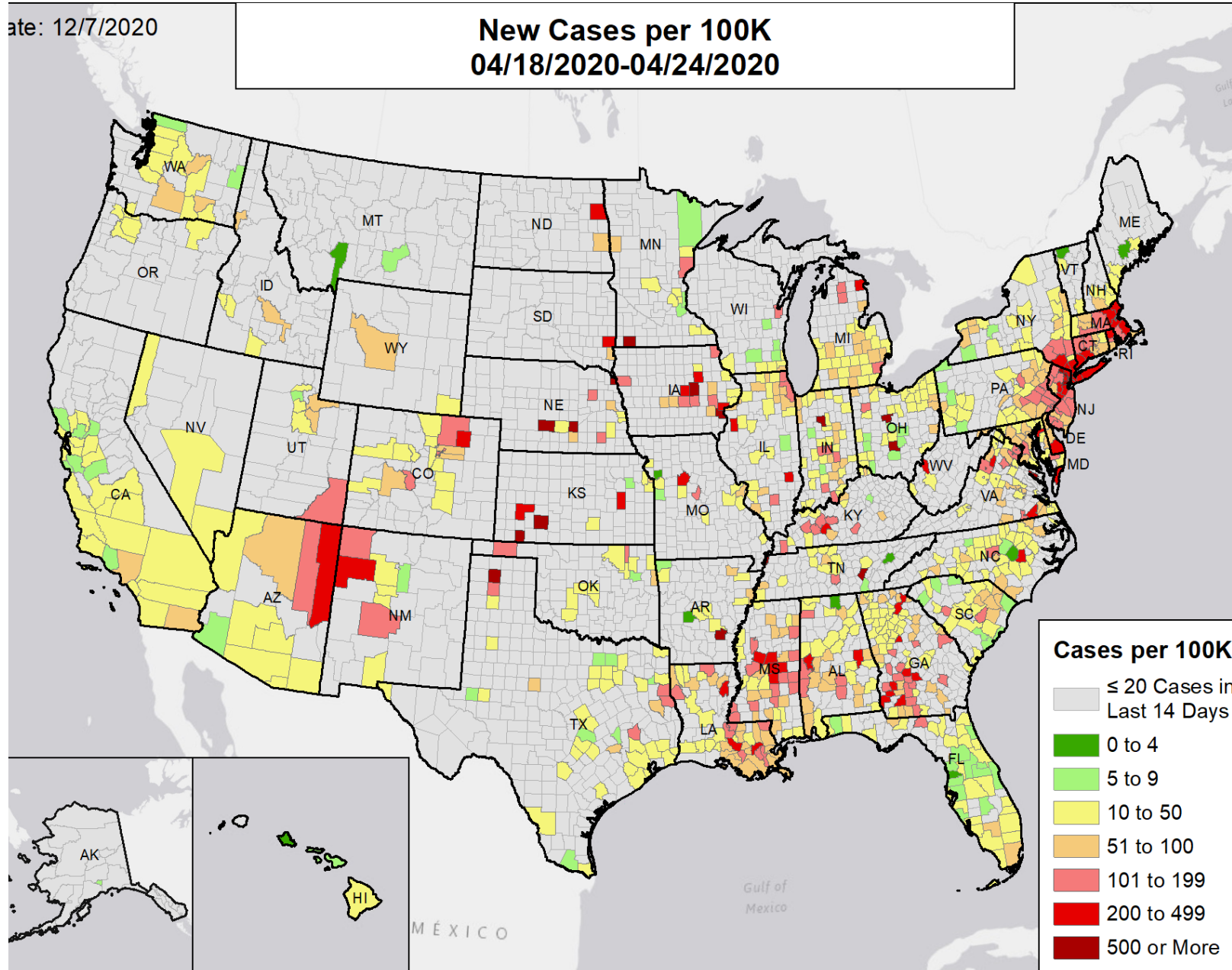
New Cases per 100K
03/21/2020-03/27/2020



8 MONTHS AGO

ate: 12/7/2020

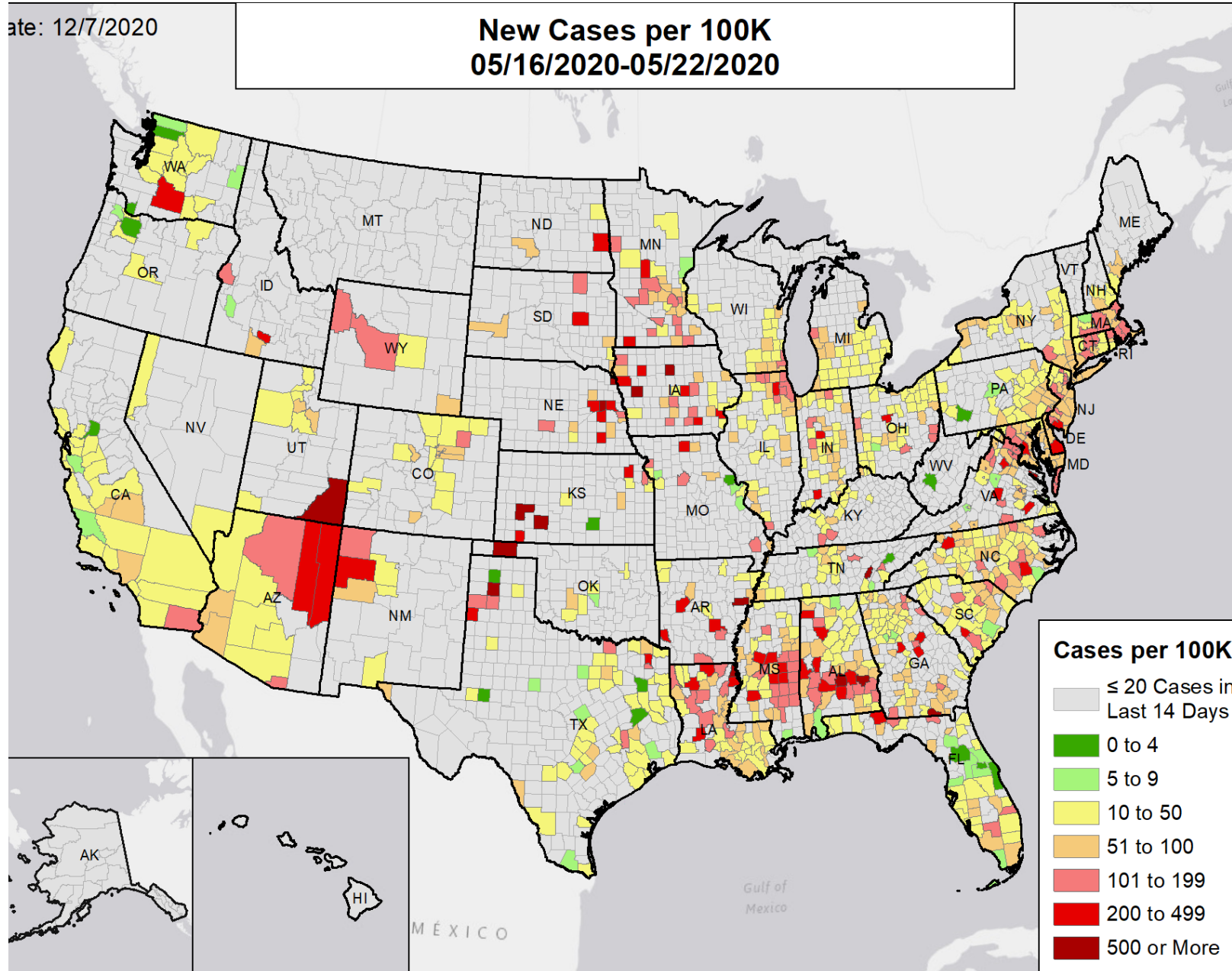
New Cases per 100K
04/18/2020-04/24/2020



7 MONTHS AGO

date: 12/7/2020

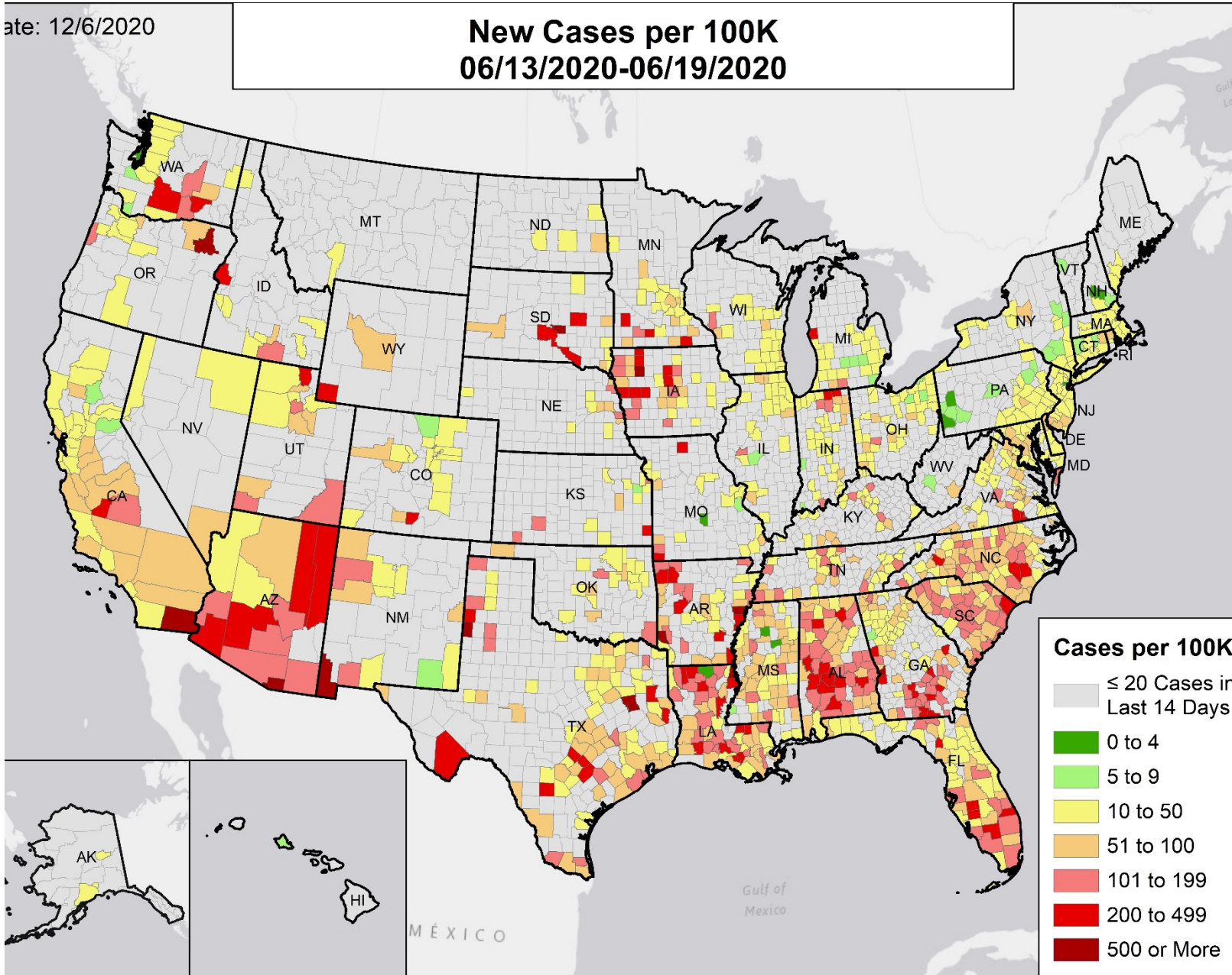
New Cases per 100K
05/16/2020-05/22/2020



6 MONTHS AGO

ate: 12/6/2020

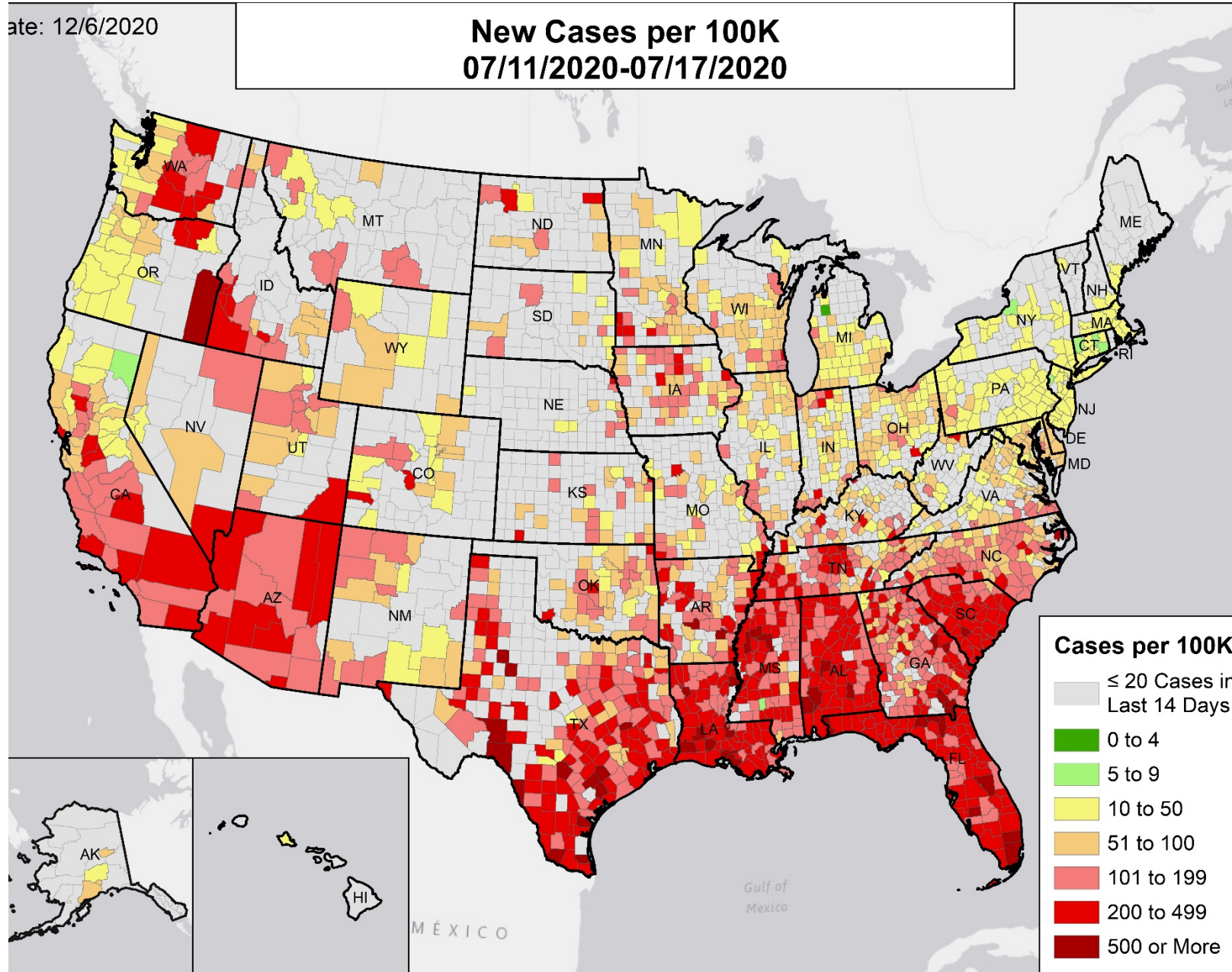
New Cases per 100K 06/13/2020-06/19/2020



5 MONTHS AGO

ate: 12/6/2020

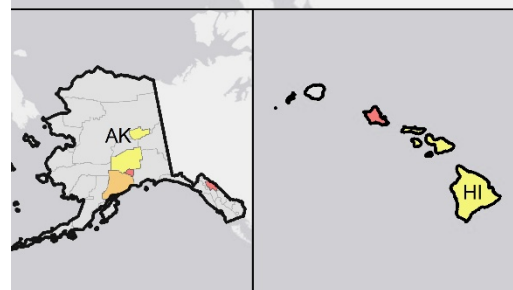
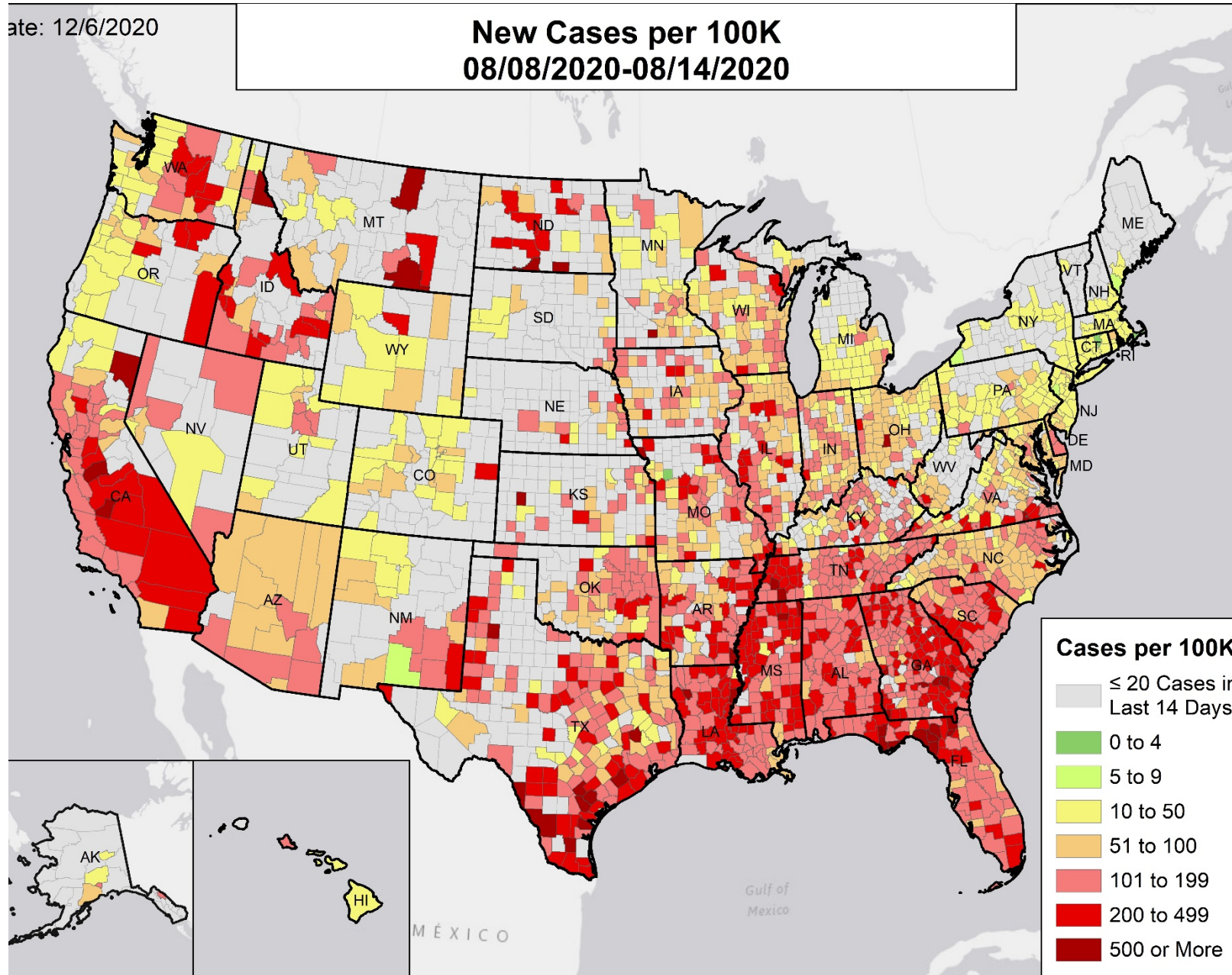
New Cases per 100K
07/11/2020-07/17/2020



4 MONTHS AGO

ate: 12/6/2020

New Cases per 100K
08/08/2020-08/14/2020



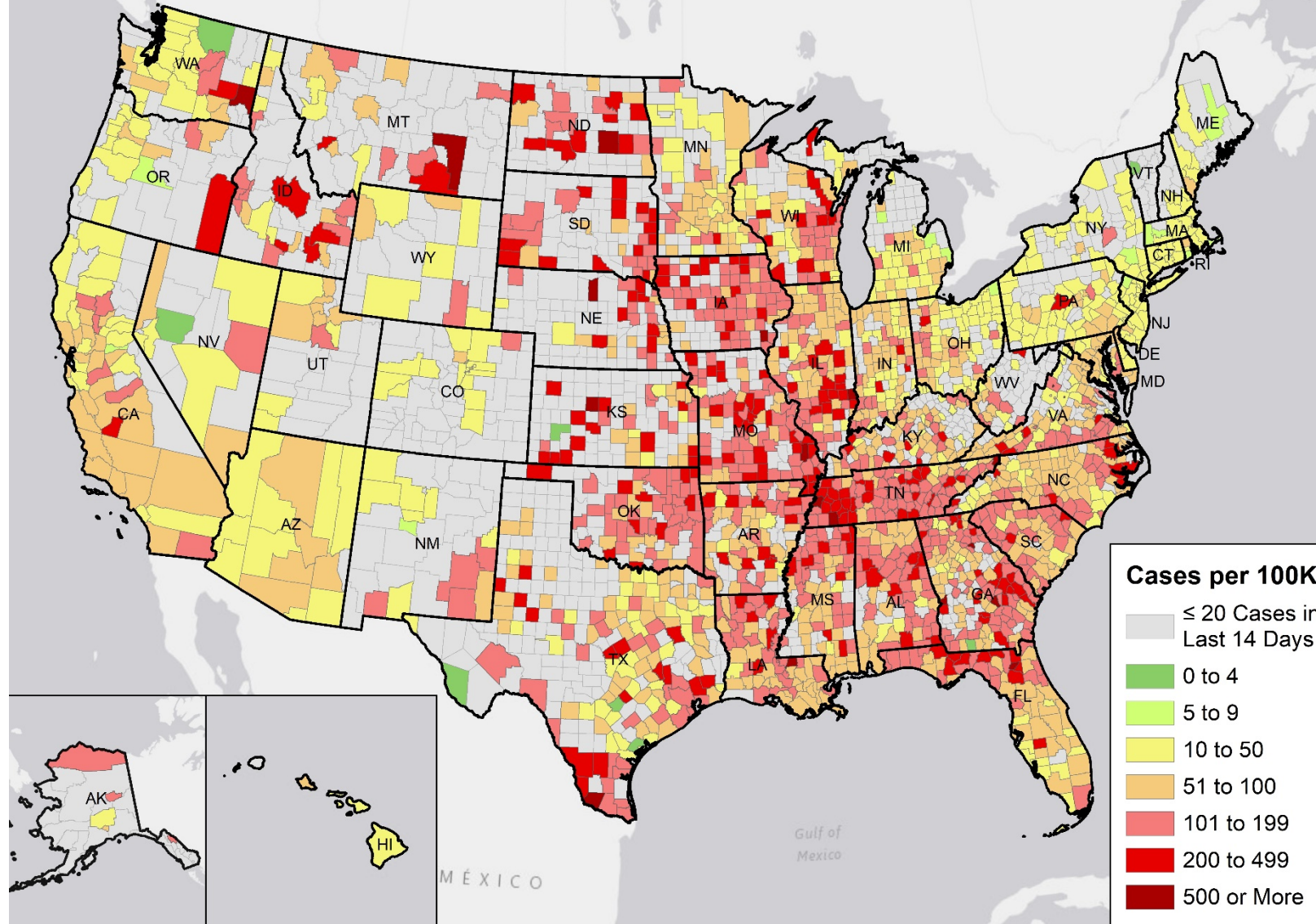
MÉXICO

Gulf of Mexico

3 MONTHS AGO

ate: 12/6/2020

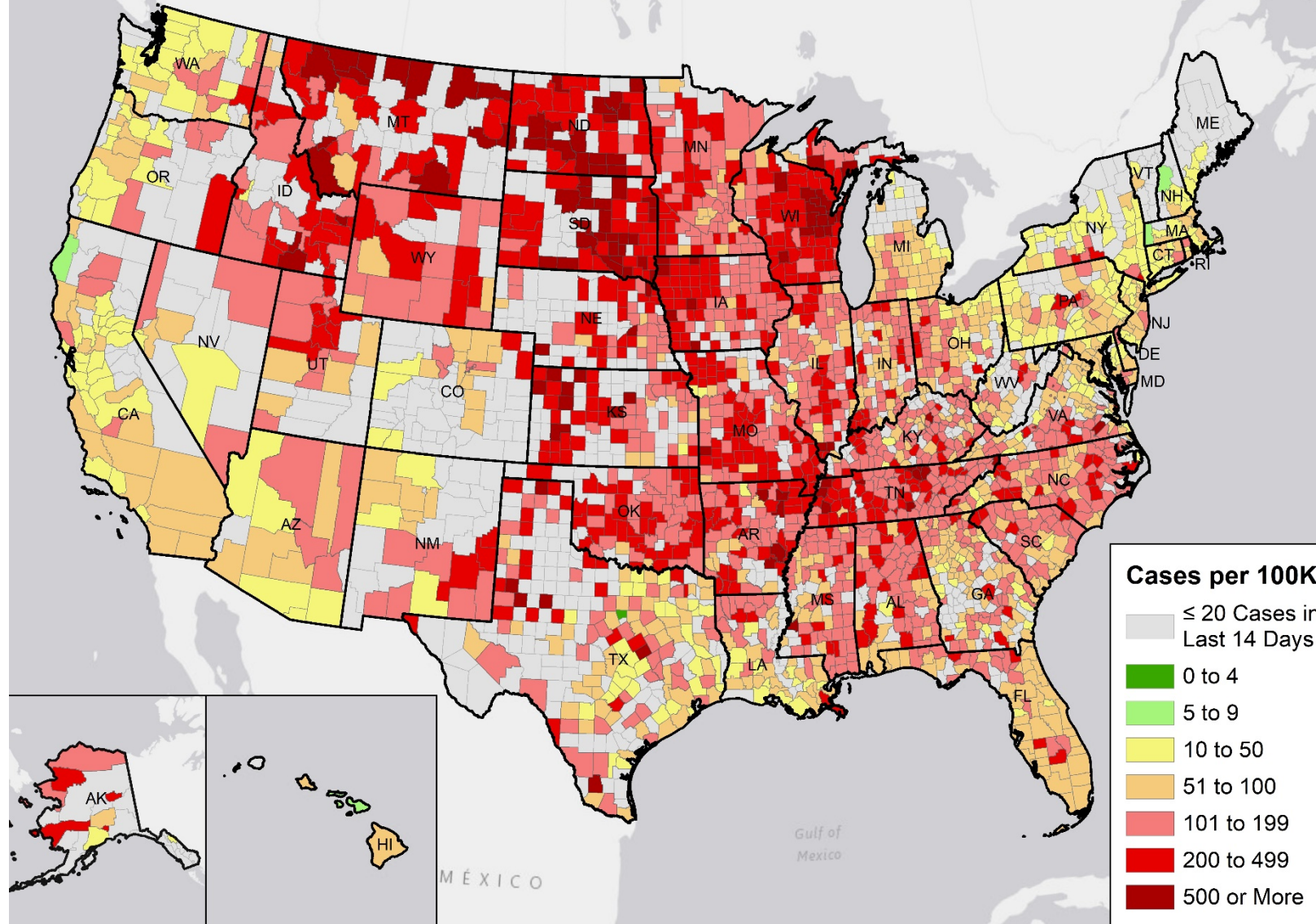
New Cases per 100K
09/05/2020-09/11/2020



2 MONTHS AGO

ate: 12/6/2020

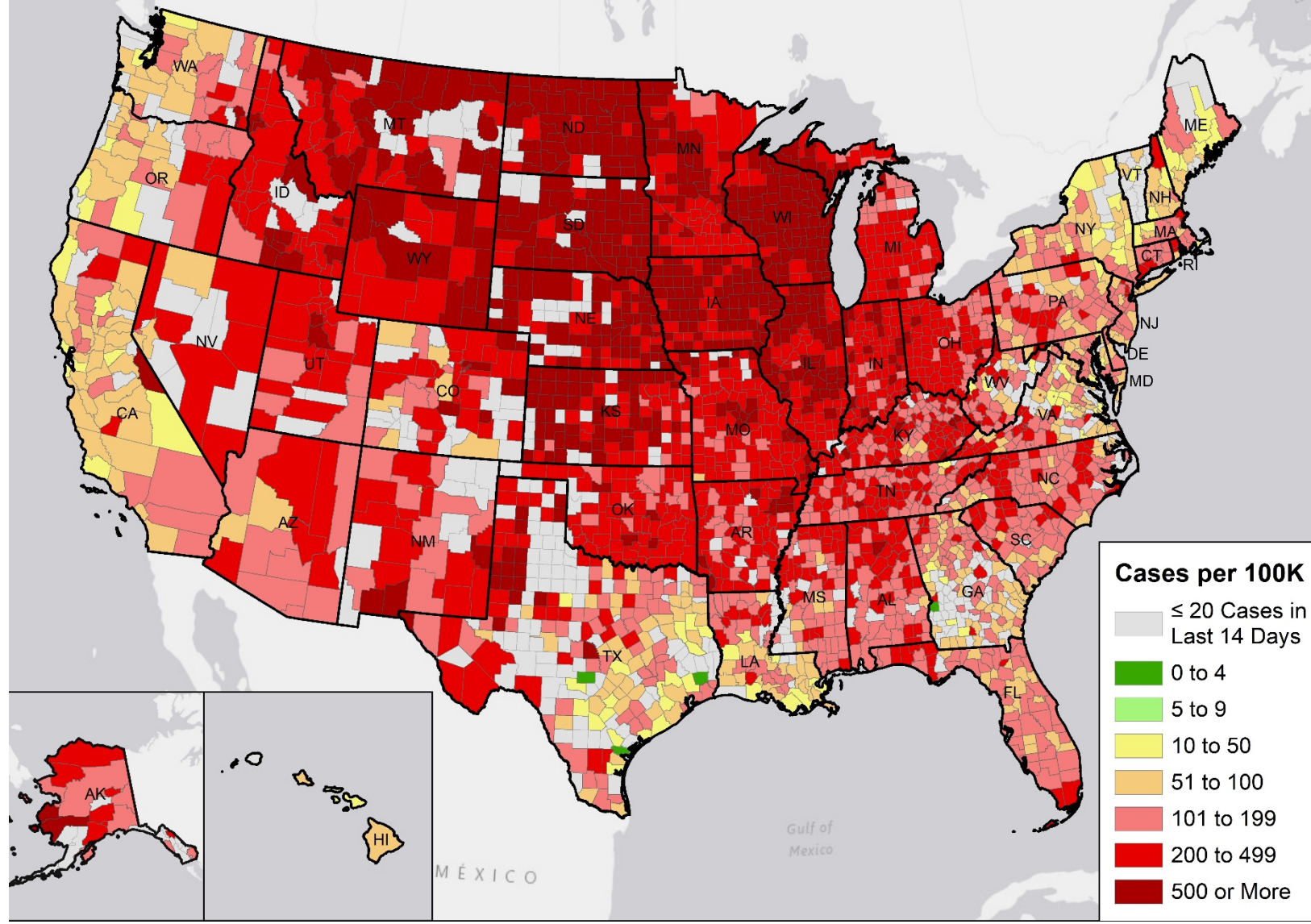
New Cases per 100K
10/03/2020-10/09/2020



1 MONTH AGO

ate: 12/6/2020

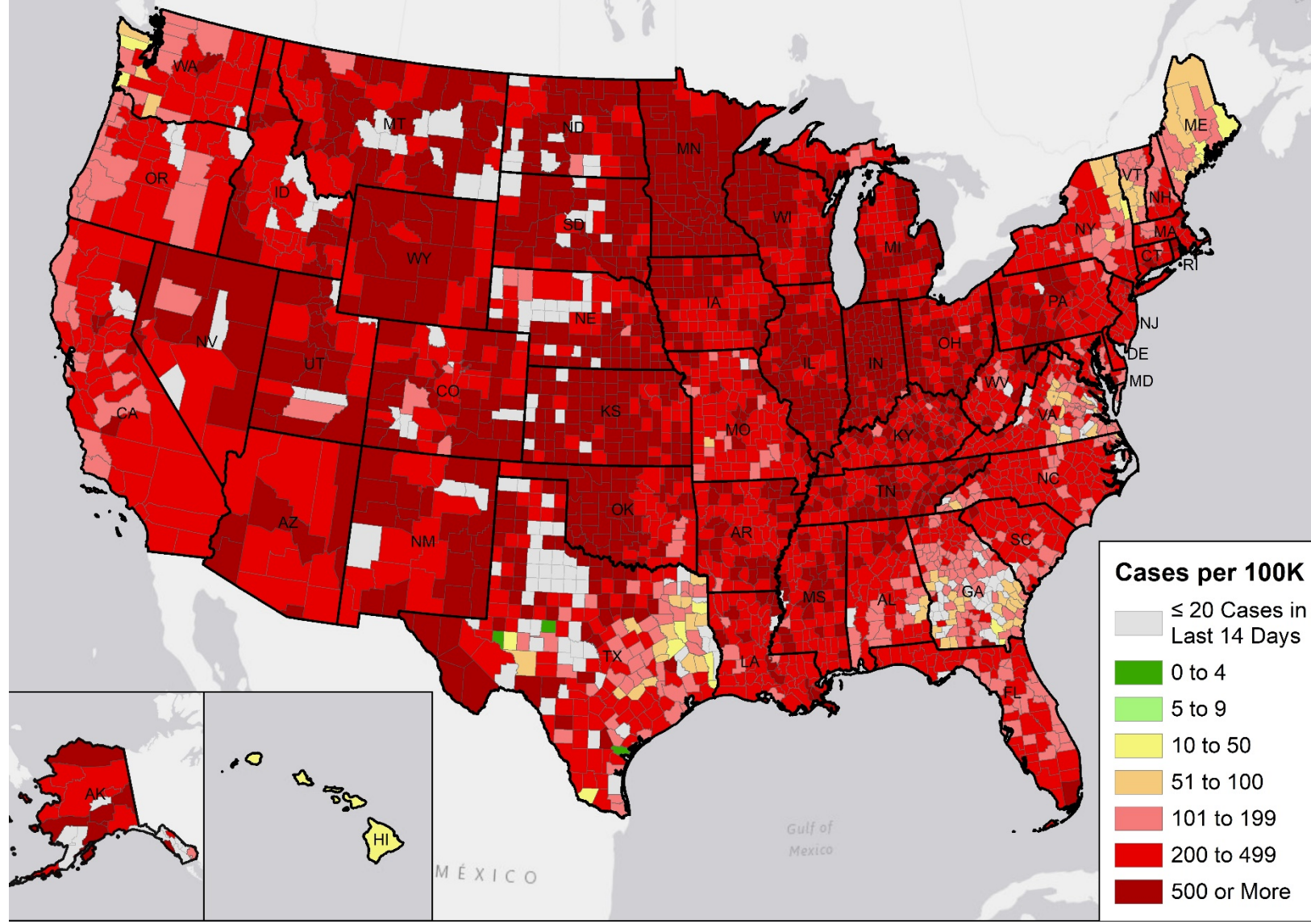
New Cases per 100K
10/31/2020-11/06/2020



LAST WEEK

ate: 12/6/2020

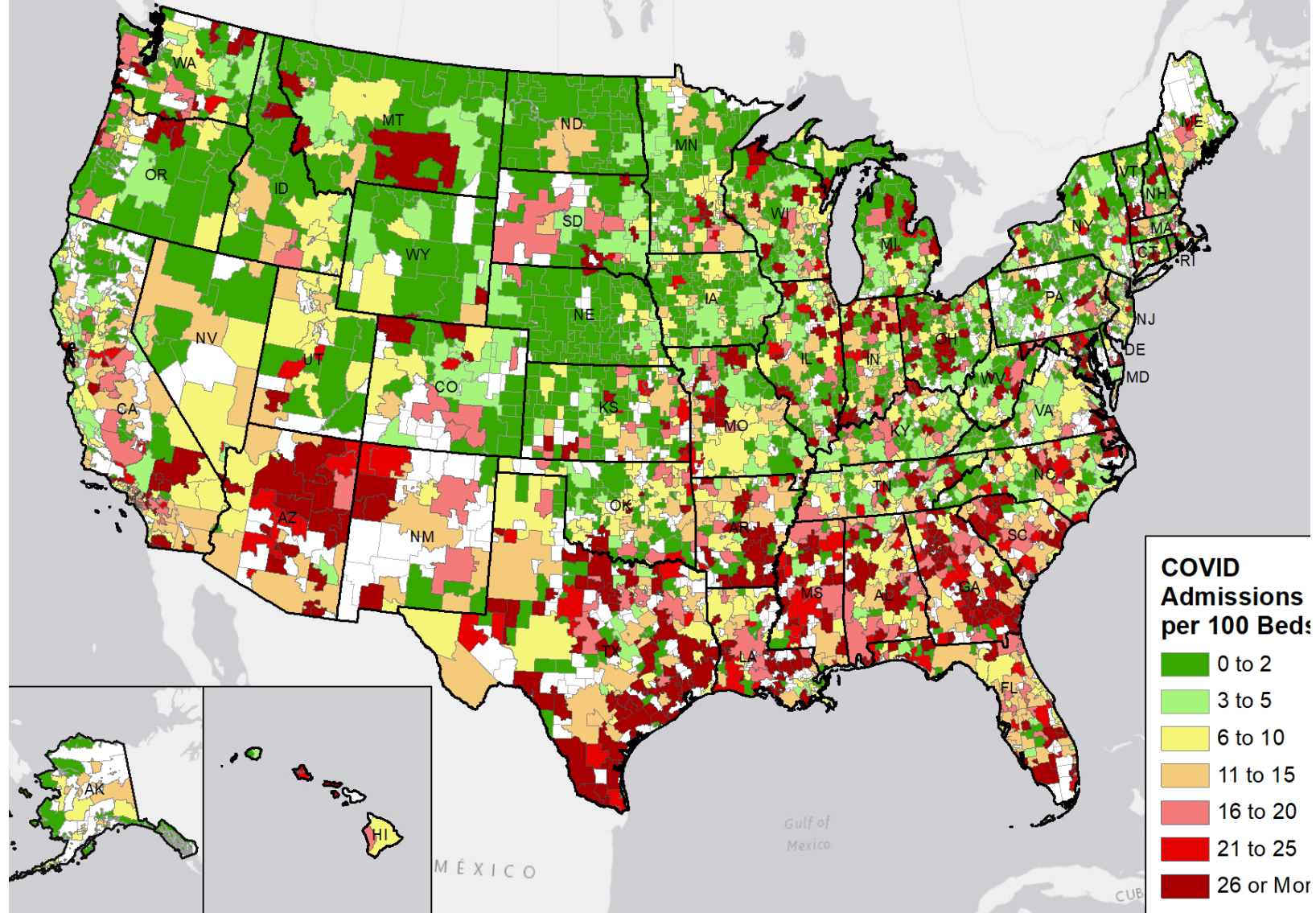
New Cases per 100K 11/28/2020-12/04/2020



5 MONTHS AGO

ate: 12/7/2020

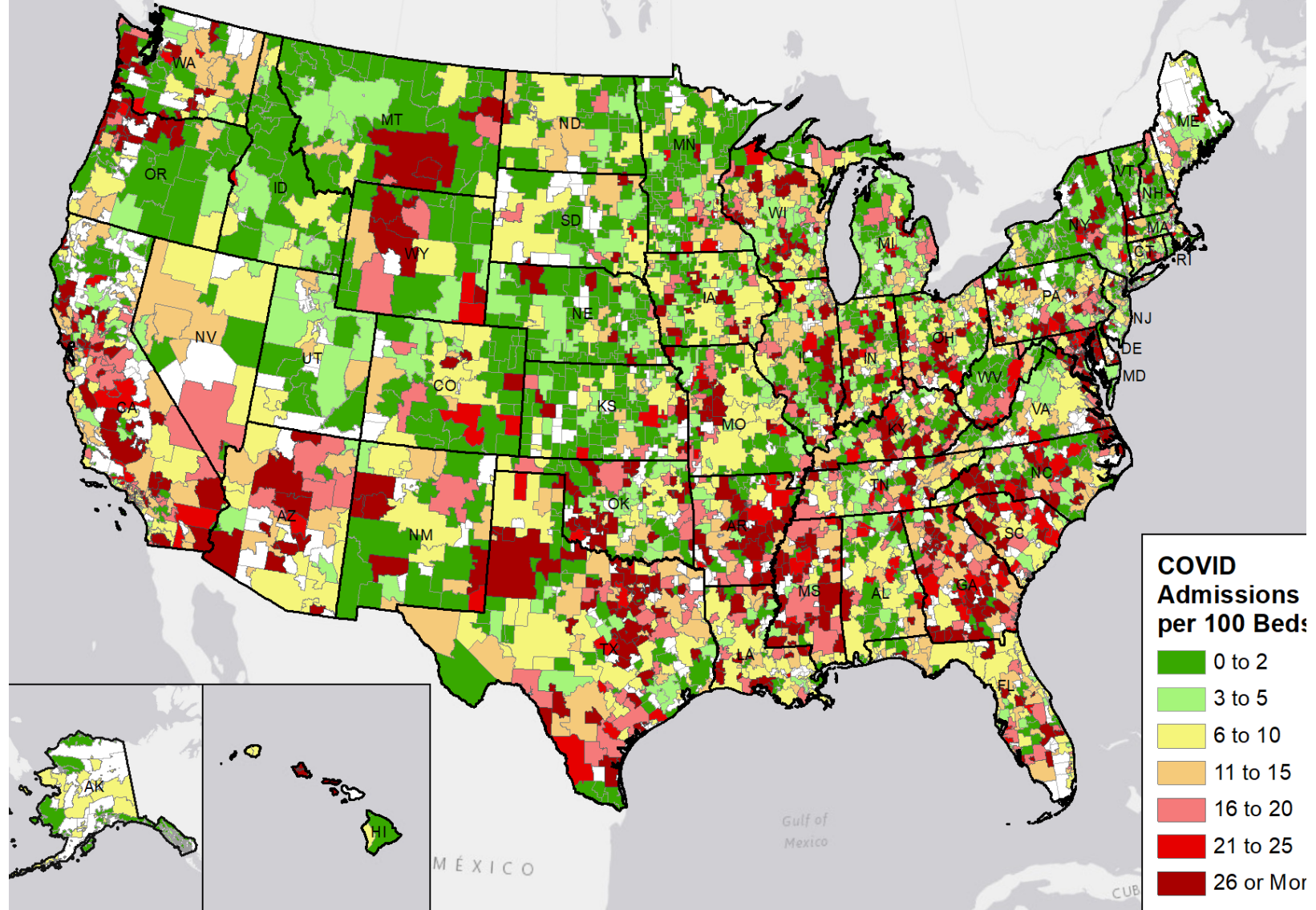
**New COVID-19 Admissions per 100 Inpatient Beds
07/11/2020-07/17/2020**



4 MONTHS AGO

ate: 12/7/2020

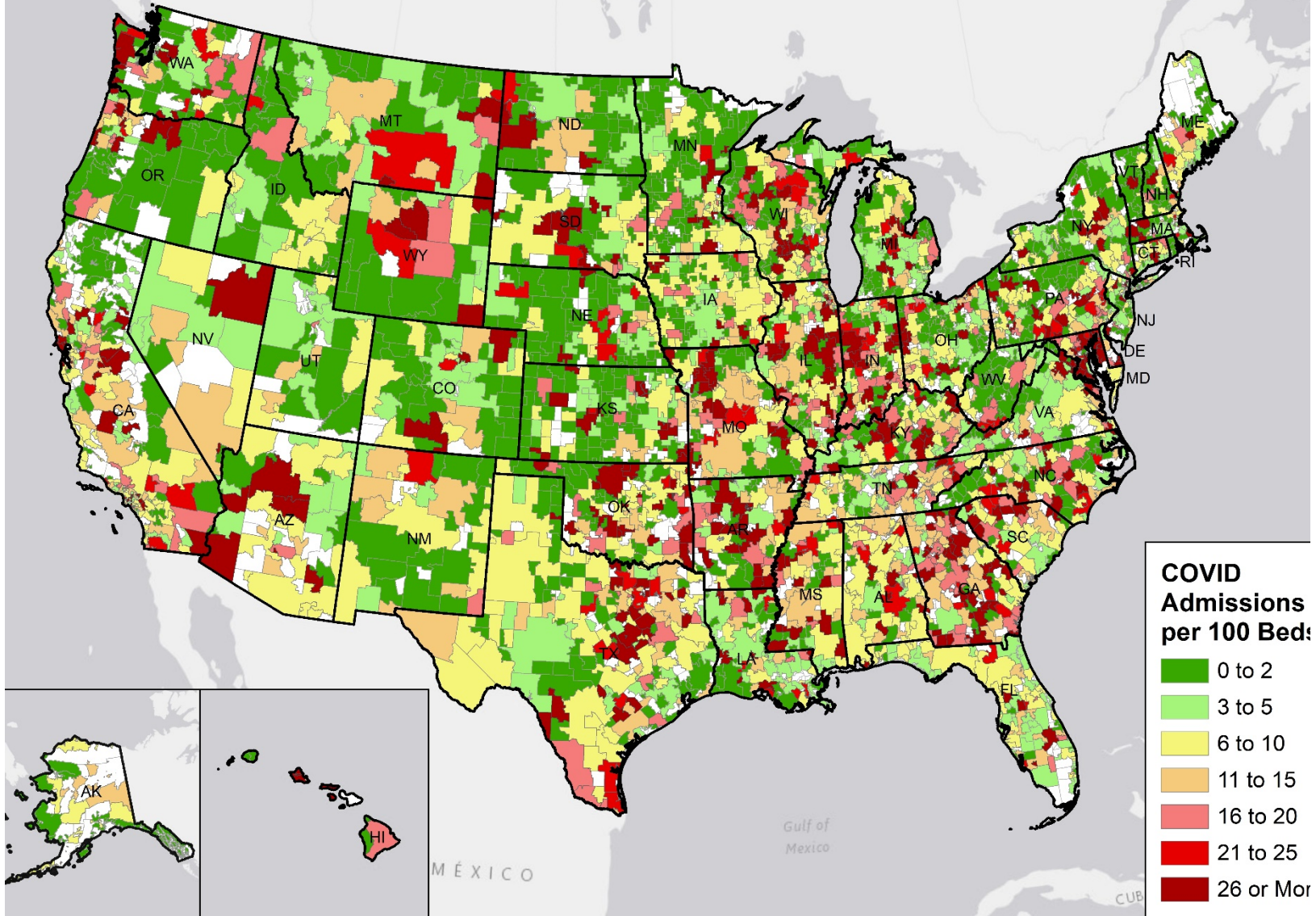
New COVID-19 Admissions per 100 Inpatient Beds
08/08/2020-08/14/2020



3 MONTHS AGO

ate: 12/6/2020

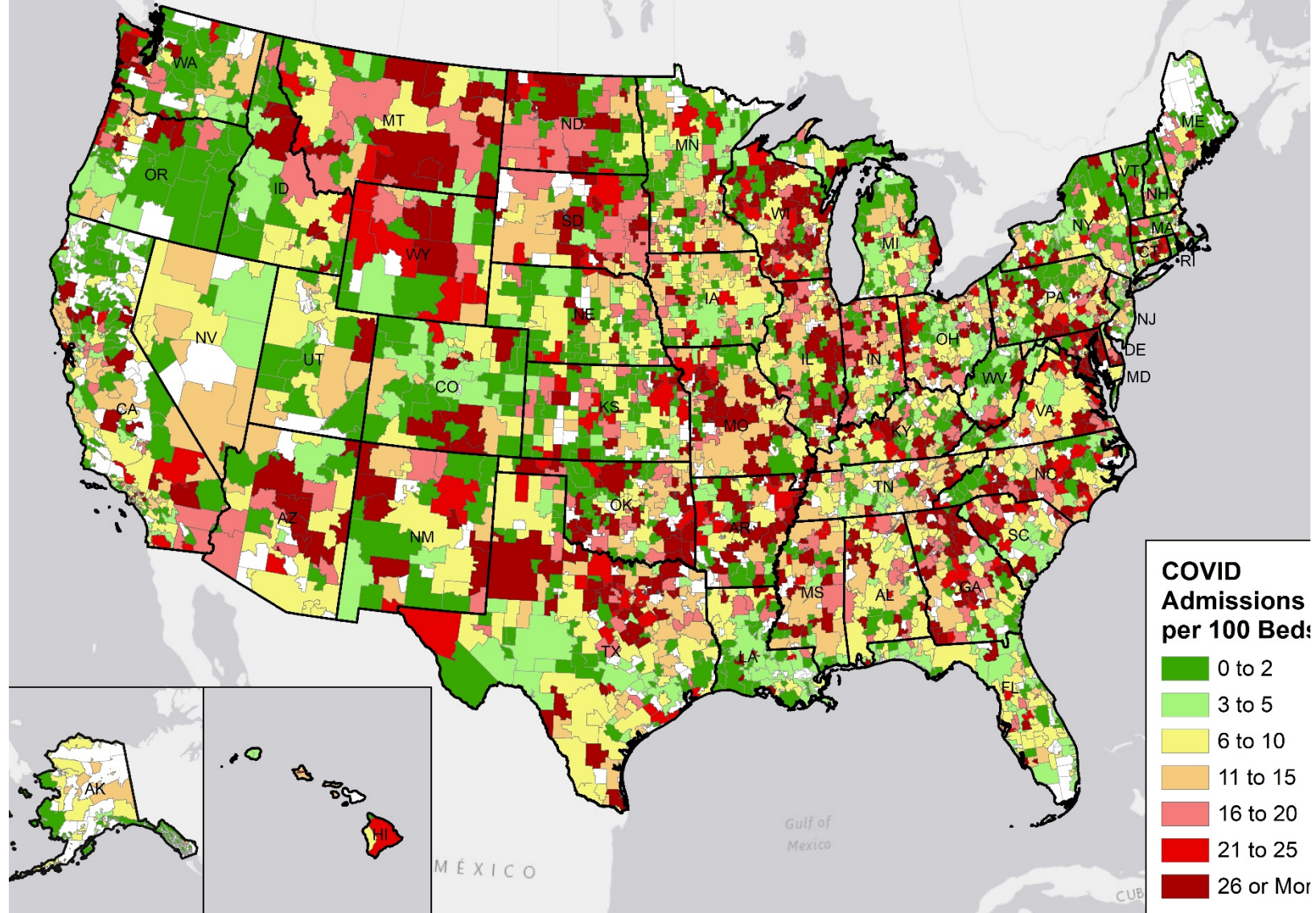
**New COVID-19 Admissions per 100 Inpatient Beds
09/05/2020-09/11/2020**



2 MONTHS AGO

ate: 12/6/2020

New COVID-19 Admissions per 100 Inpatient Beds 10/03/2020-10/09/2020



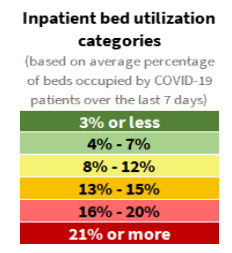
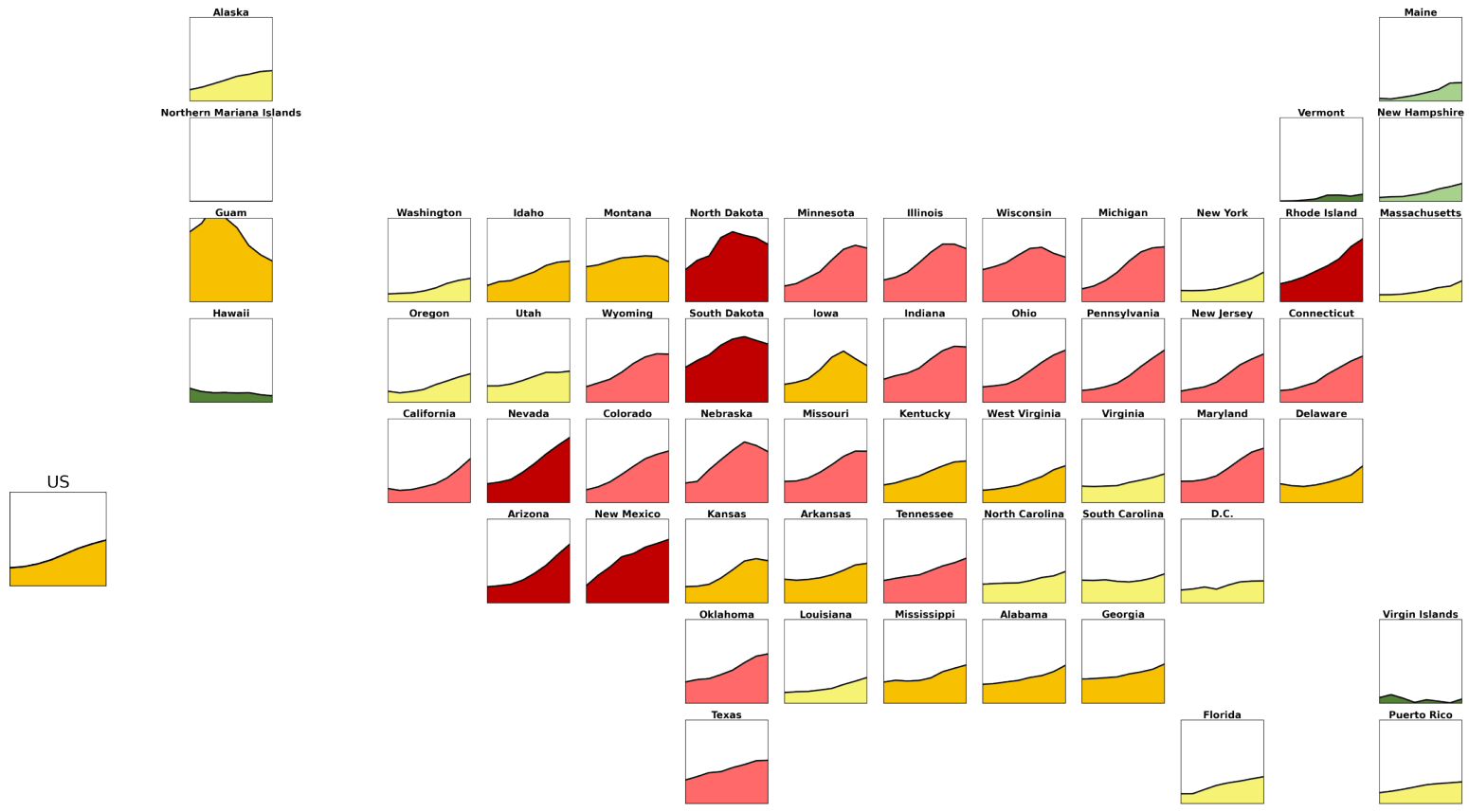


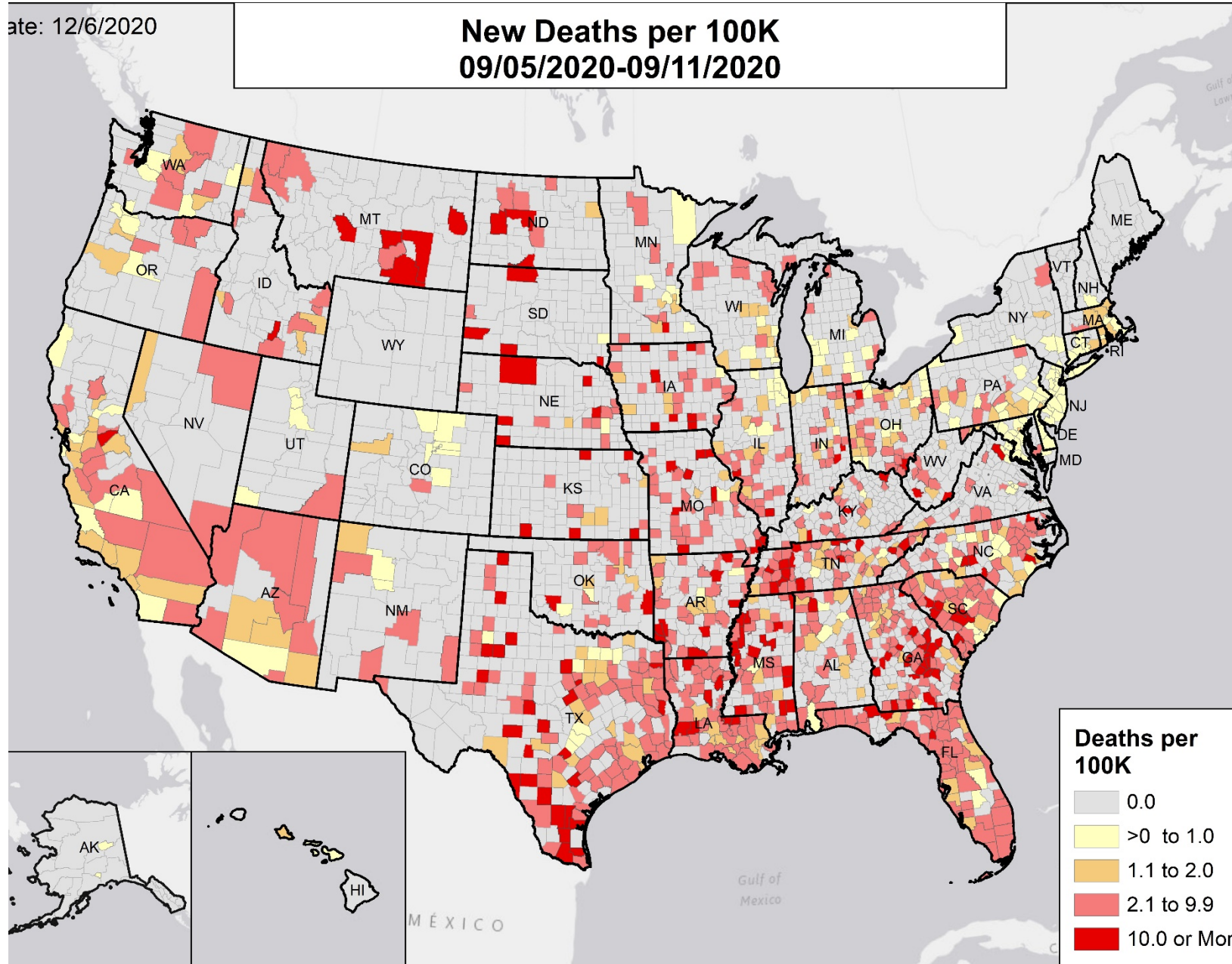
Figure depicts average inpatient bed utilization by COVID-19 patients in over the 8-week period of 10/12-12/6. Vertical axis ranges from 0 to 30%.

Source: Unified Hospital Dataset. See Data Sources/Methods slide for additional details.

3 MONTHS AGO

ate: 12/6/2020

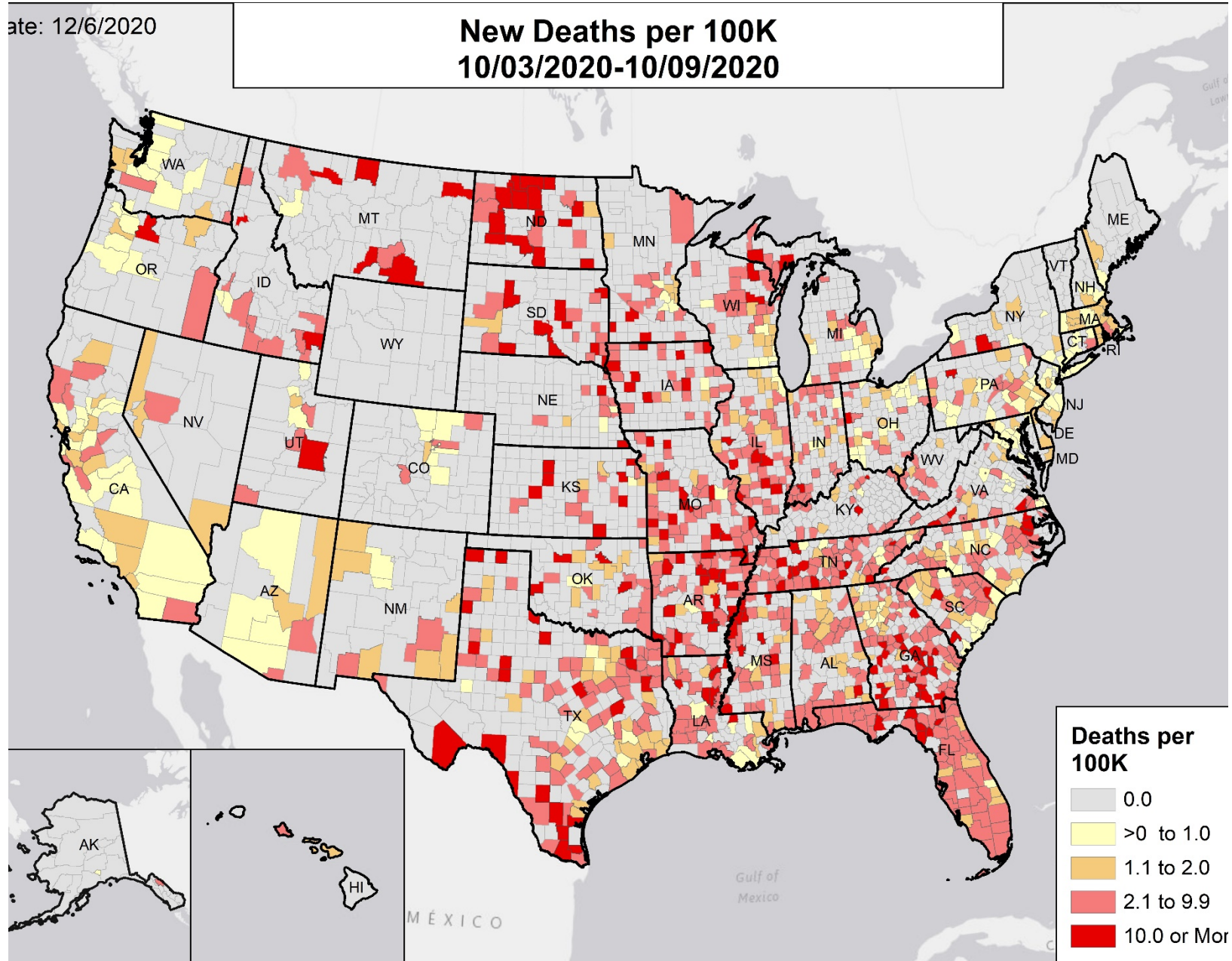
New Deaths per 100K
09/05/2020-09/11/2020



2 MONTHS AGO

ate: 12/6/2020

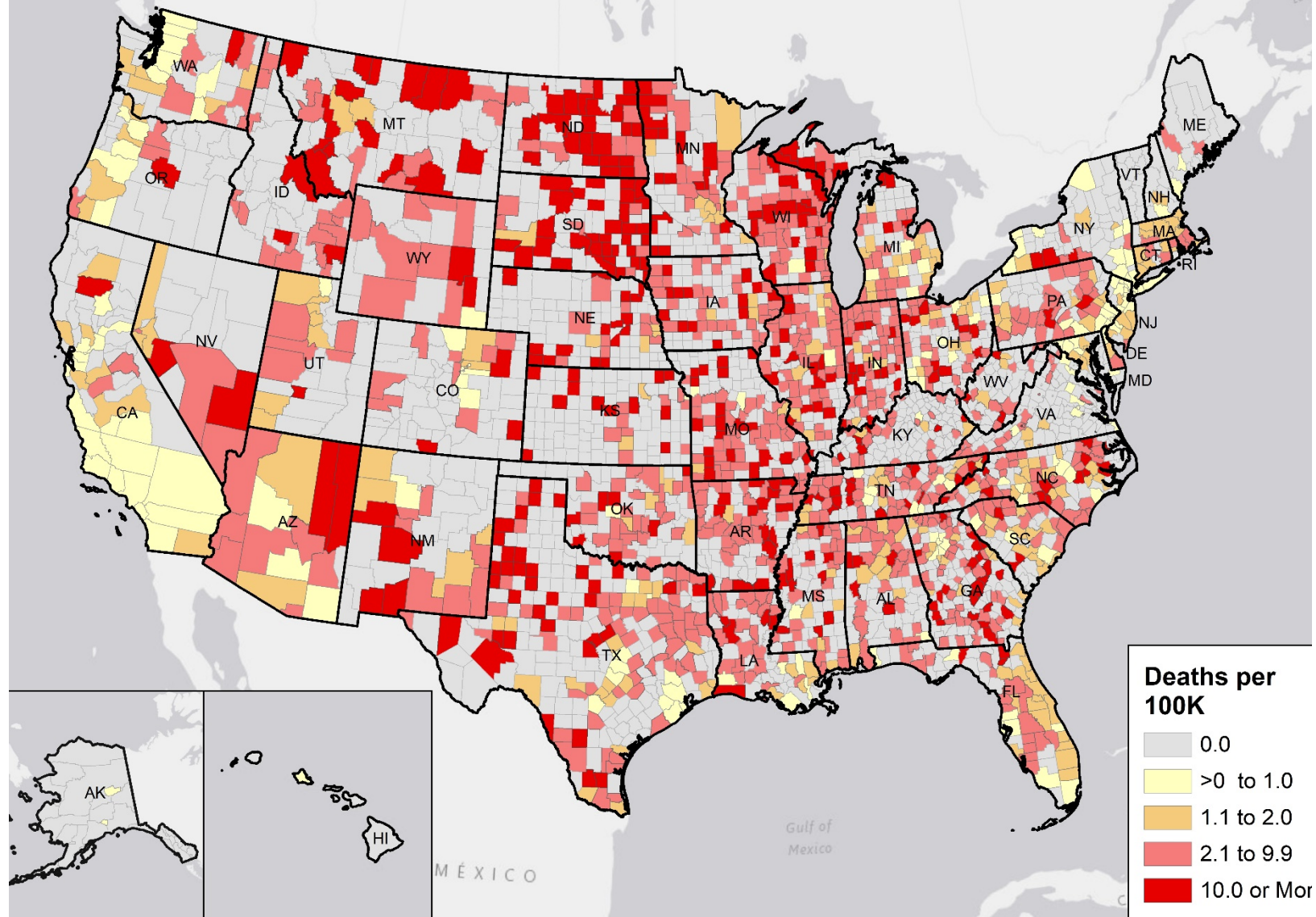
New Deaths per 100K
10/03/2020-10/09/2020



1 MONTH AGO

ate: 12/6/2020

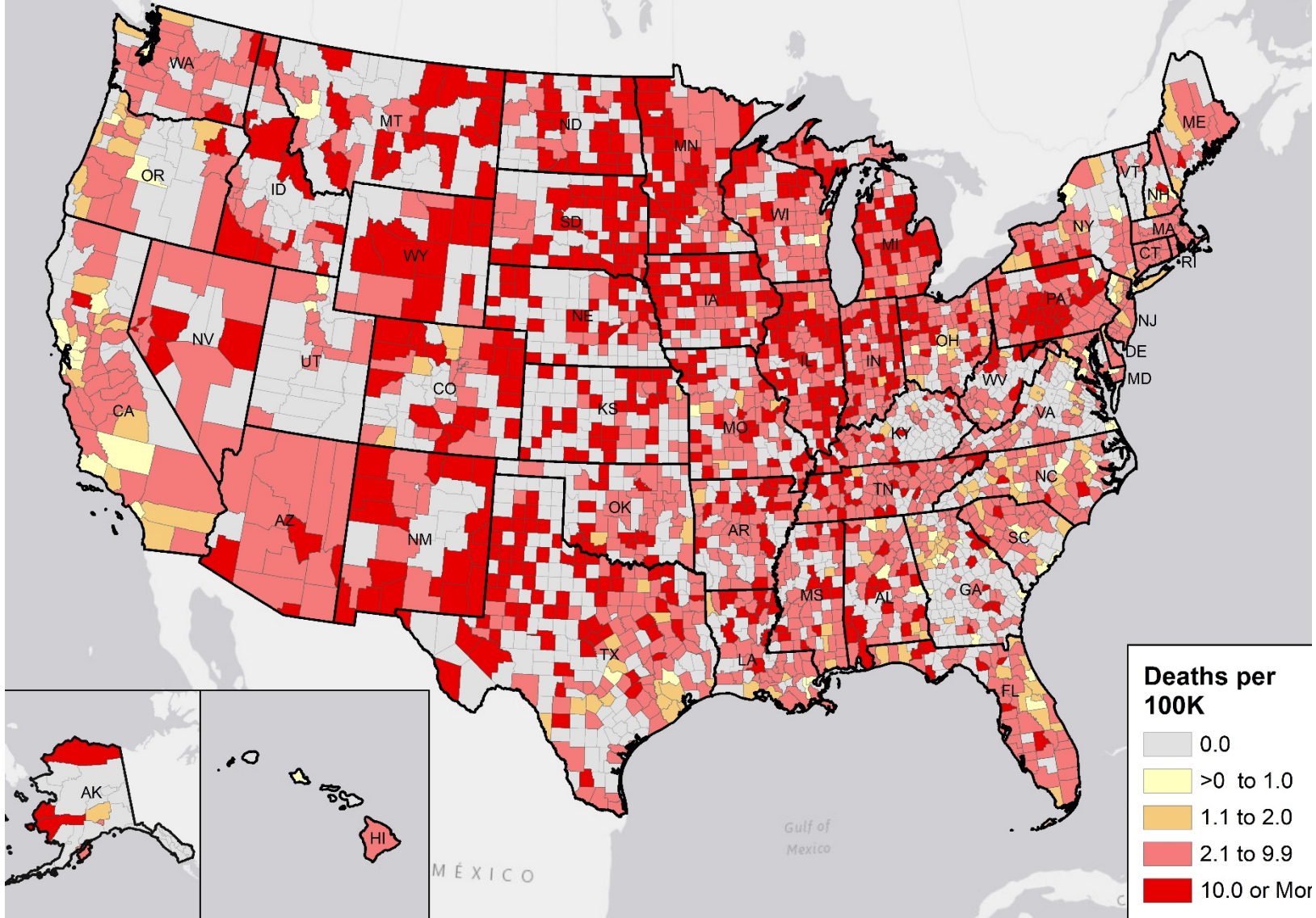
New Deaths per 100K
10/31/2020-11/06/2020



LAST WEEK

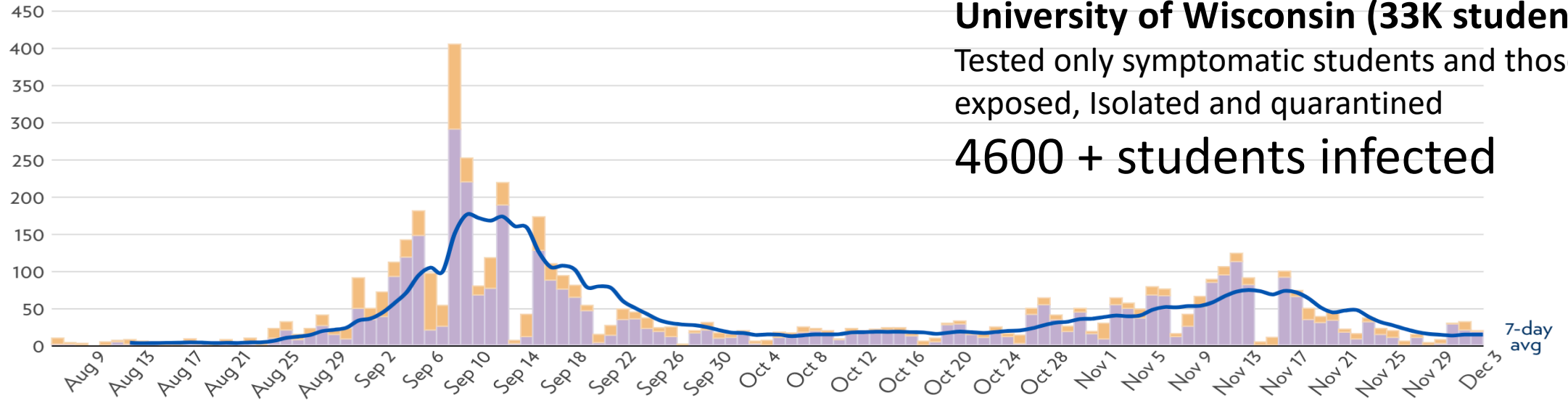
ate: 12/6/2020

New Deaths per 100K 11/28/2020-12/04/2020



New Positive Tests Reported By Day

■ On-campus testing
 ■ Off-campus testing
 — 7-day average of total positive tests



University of Wisconsin (33K students)

Tested only symptomatic students and those exposed, Isolated and quarantined

4600 + students infected

Daily Positive Test Results at BU from July 27, 2020

Boston University (32K students)

Tested all students weekly

Found both symptomatics and asymptomatics (>75%)

Isolated and quarantined

220 total students infected

