Ridgefield COVID Report

Ridgefield COVID-19 Task Force
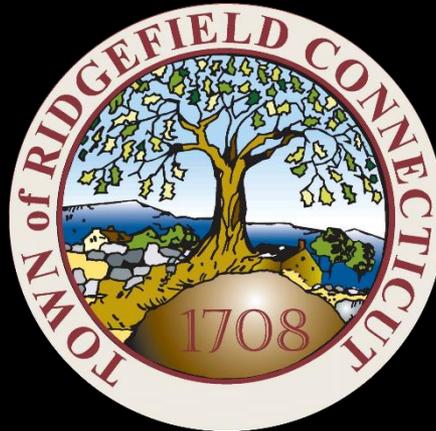
Data downloaded from
https://data.ct.gov/browse?category=Health+and+Human+Services
**(as of Monday November 30, 2020 at 4PM)**

Summary

- There were 14 new cases in Ridgefield over the past three days
  - There was no report from the state on Saturday or Sunday

- This translates to a slightly decreased New Case Rate of 21.1 new cases per 100,000 residents
  - This number has been relatively stable over the past 6 days

- The Test Positivity rate (averaged over the past 7 days) has decreased to 2.3%
  - This is one of the lowest rates among towns in Fairfield County

- Ridgefield has increased testing over the past 7 days, with reduced New Cases & Test Positivity
  - This is a generally favorable trend

- We all understand that the coming weeks will present significant new challenges
  - We must all commit to continue the mitigation efforts that have made a measurable impact so far.

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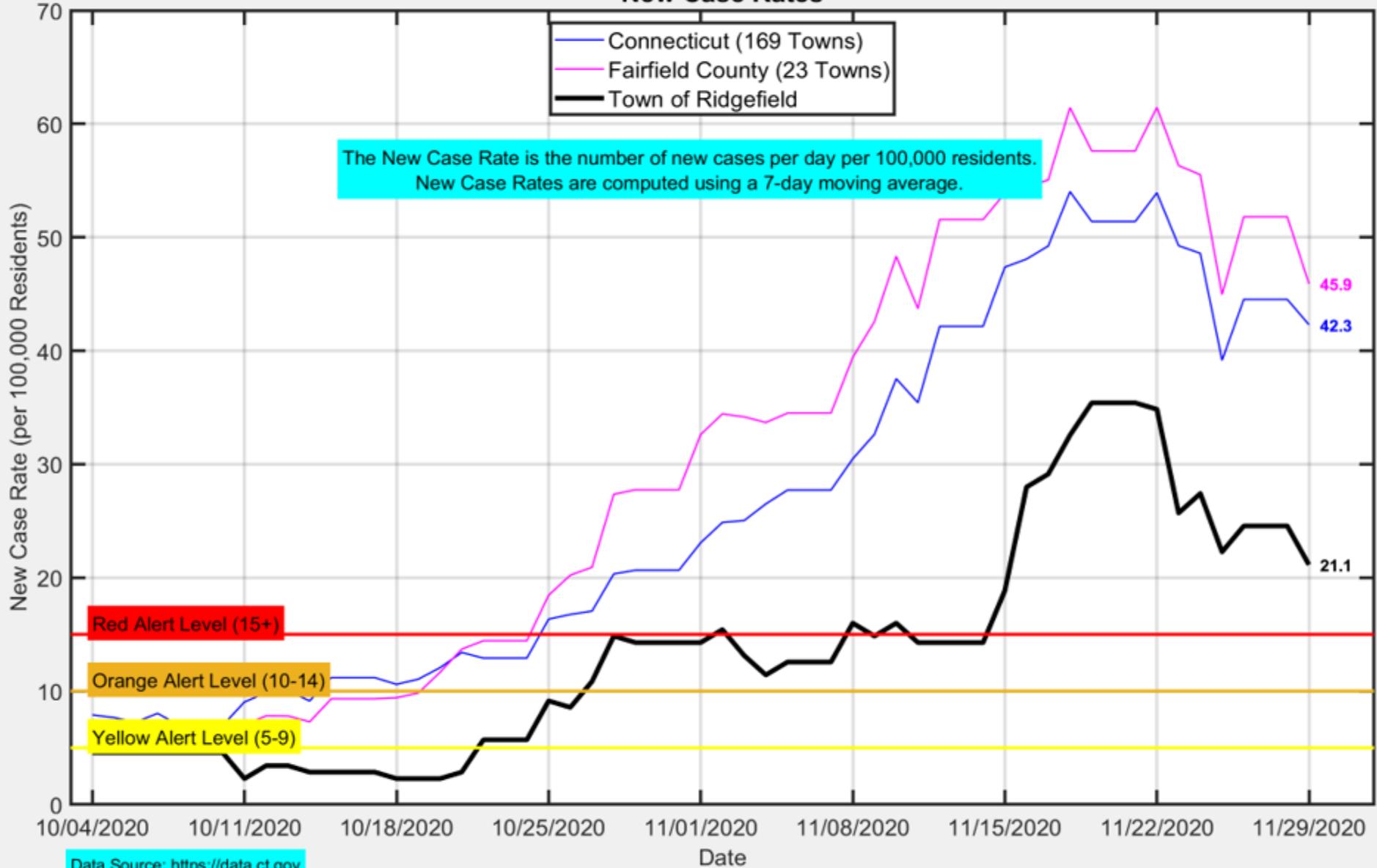
New Case Rates

There were 14 new cases reported in Ridgefield over the past 3 days (no reports on Weekend)

Town of Ridgefield: Number of New Cases

Town of Ridgefield: Number of New Tests

Town of Ridgefield: Test Positivity Rate

Data Source: https://data.ct.gov

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Slide 4
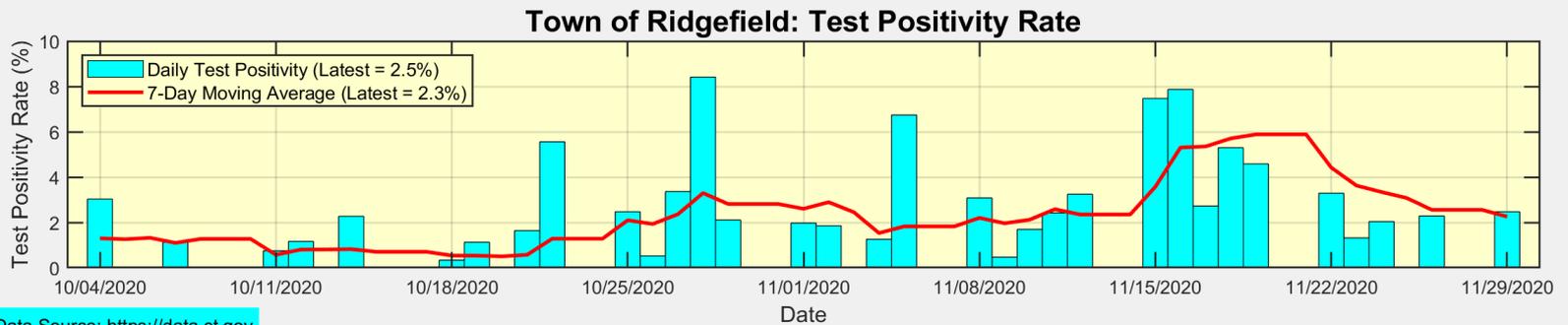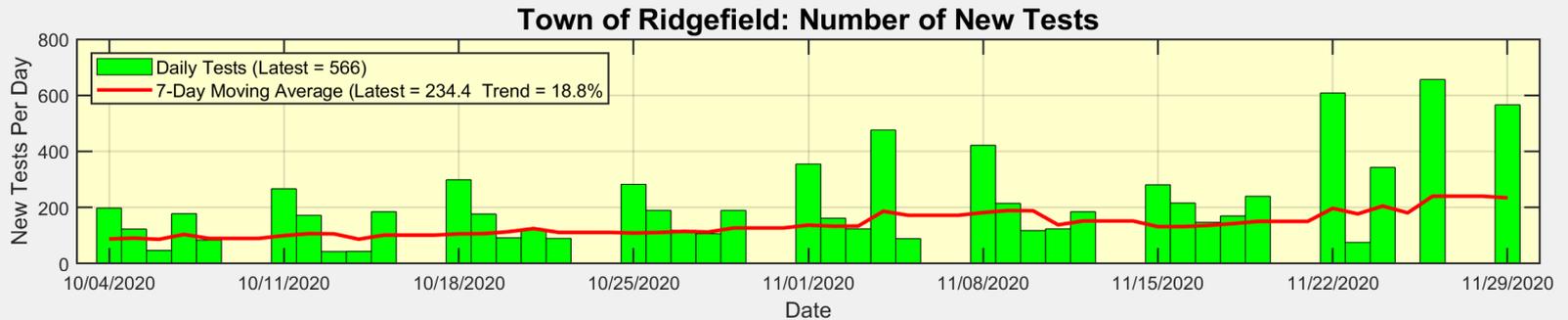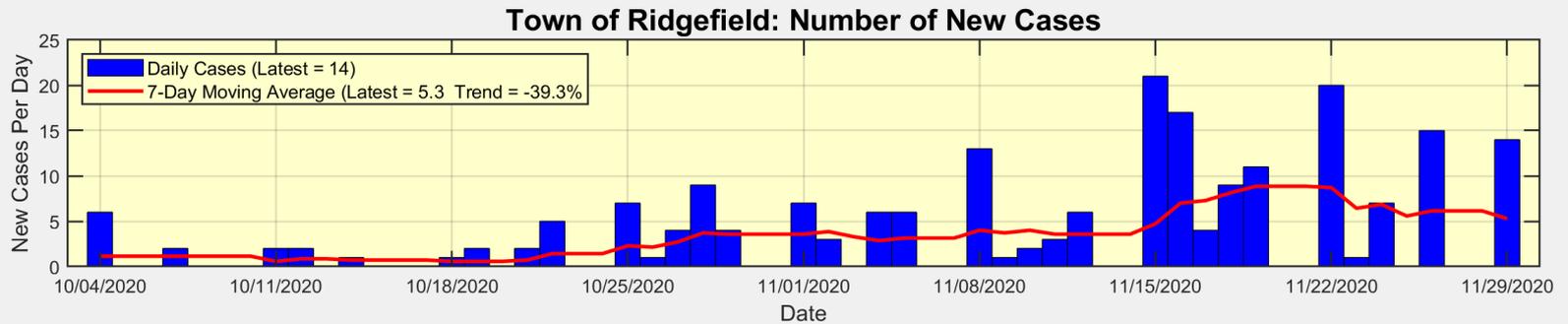
Ridgefield has one of the lower New Case Rates in Fairfield County

New Case Rates and Town Alert Levels (as of 11/29/2020)

The New Case Rate is the number of new cases per day per 100,000 residents.
New Case Rates are computed using a 7-day moving average.
These Alert Levels may differ from those issued weekly by the State.

Data Source: https://data.ct.gov

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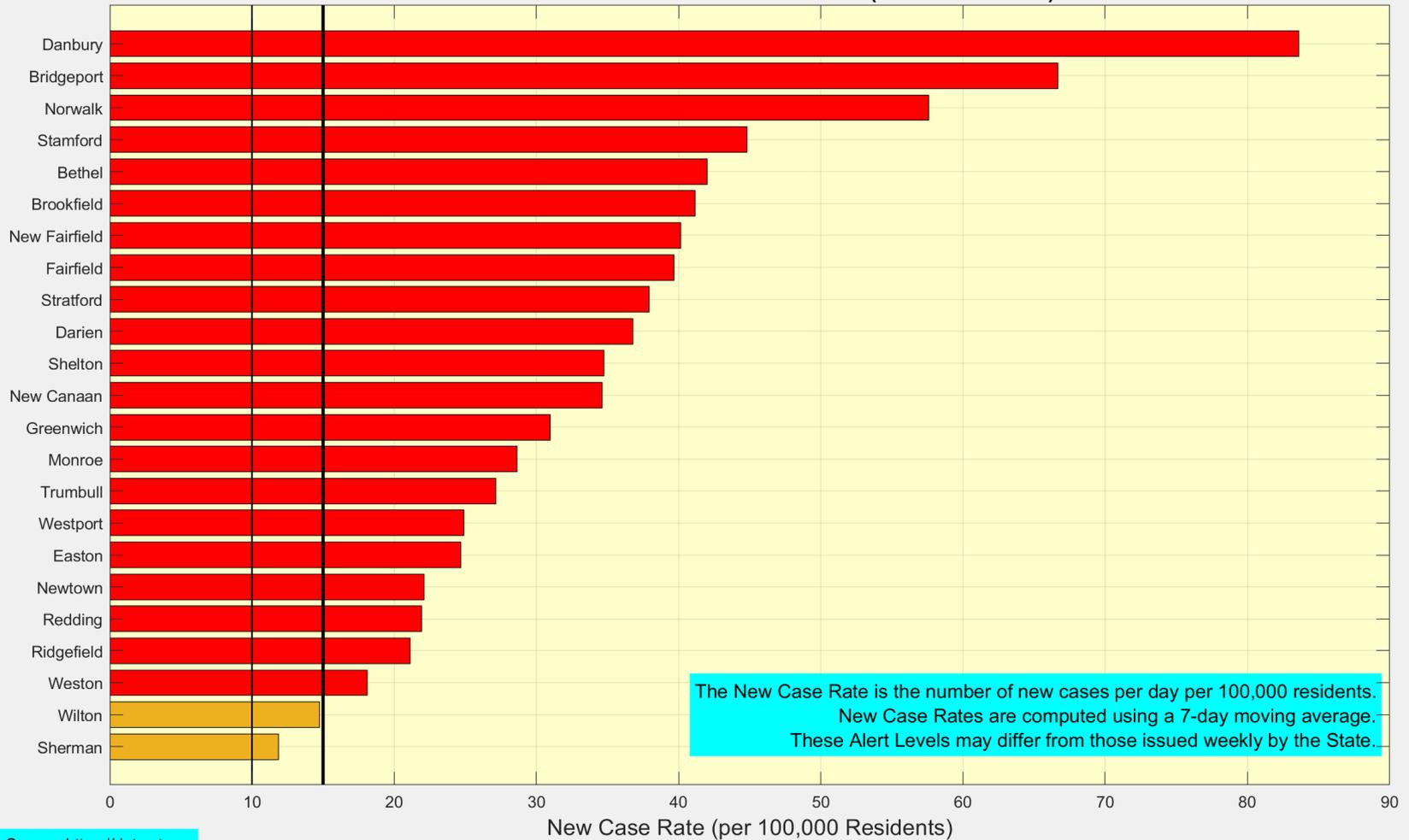
Connecticut: Distribution of New Cases over Age Group

Data Source: https://data.ct.gov

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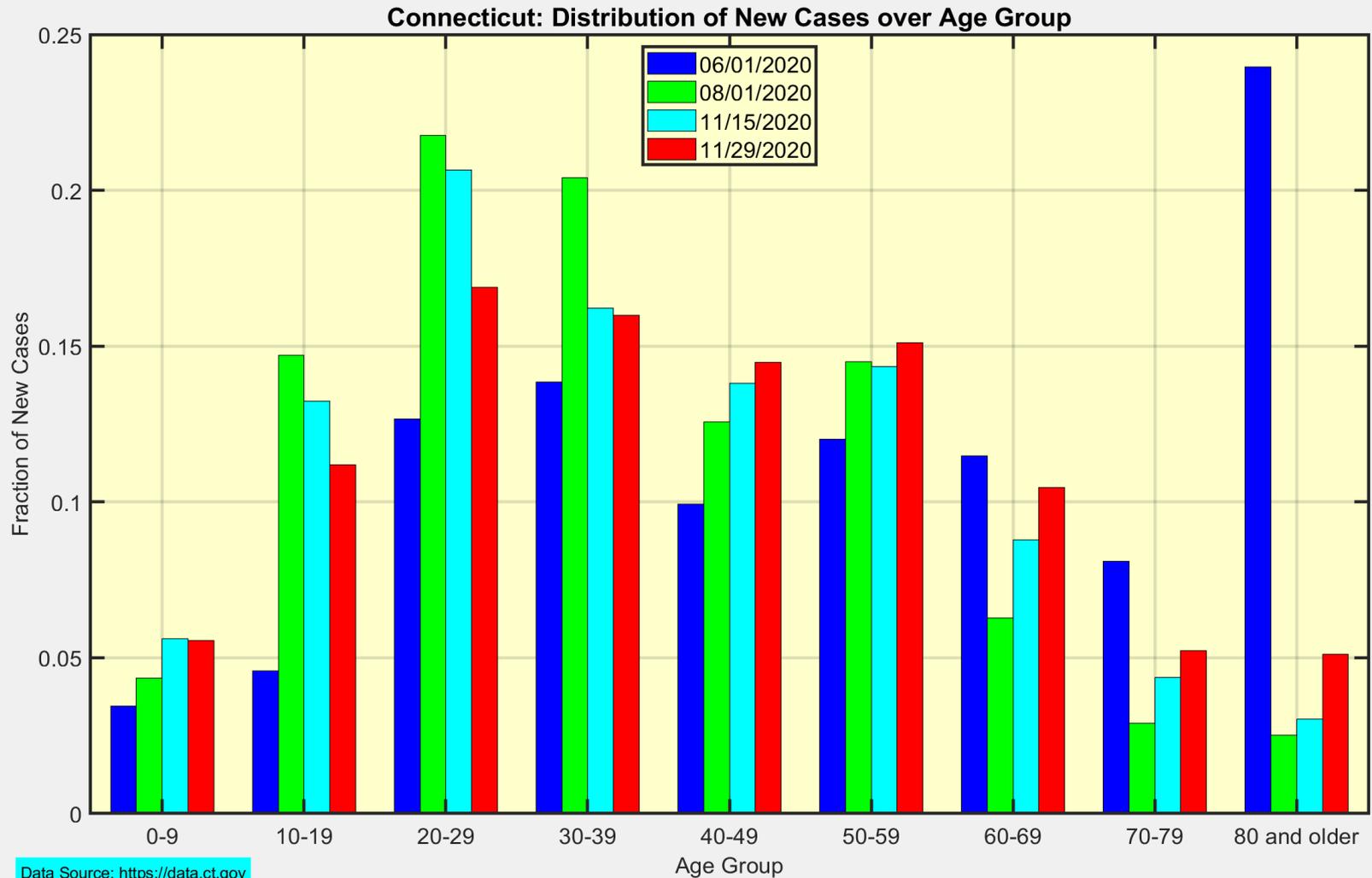
This heat map shows the progression of New Case Rates for all towns in Fairfield County

The magnitude of the New Case Rate is indicated by the color bar at the right. Red indicates the highest Case Rates.

New Case Rates (per 100,000 Residents) for all Towns in Fairfield County

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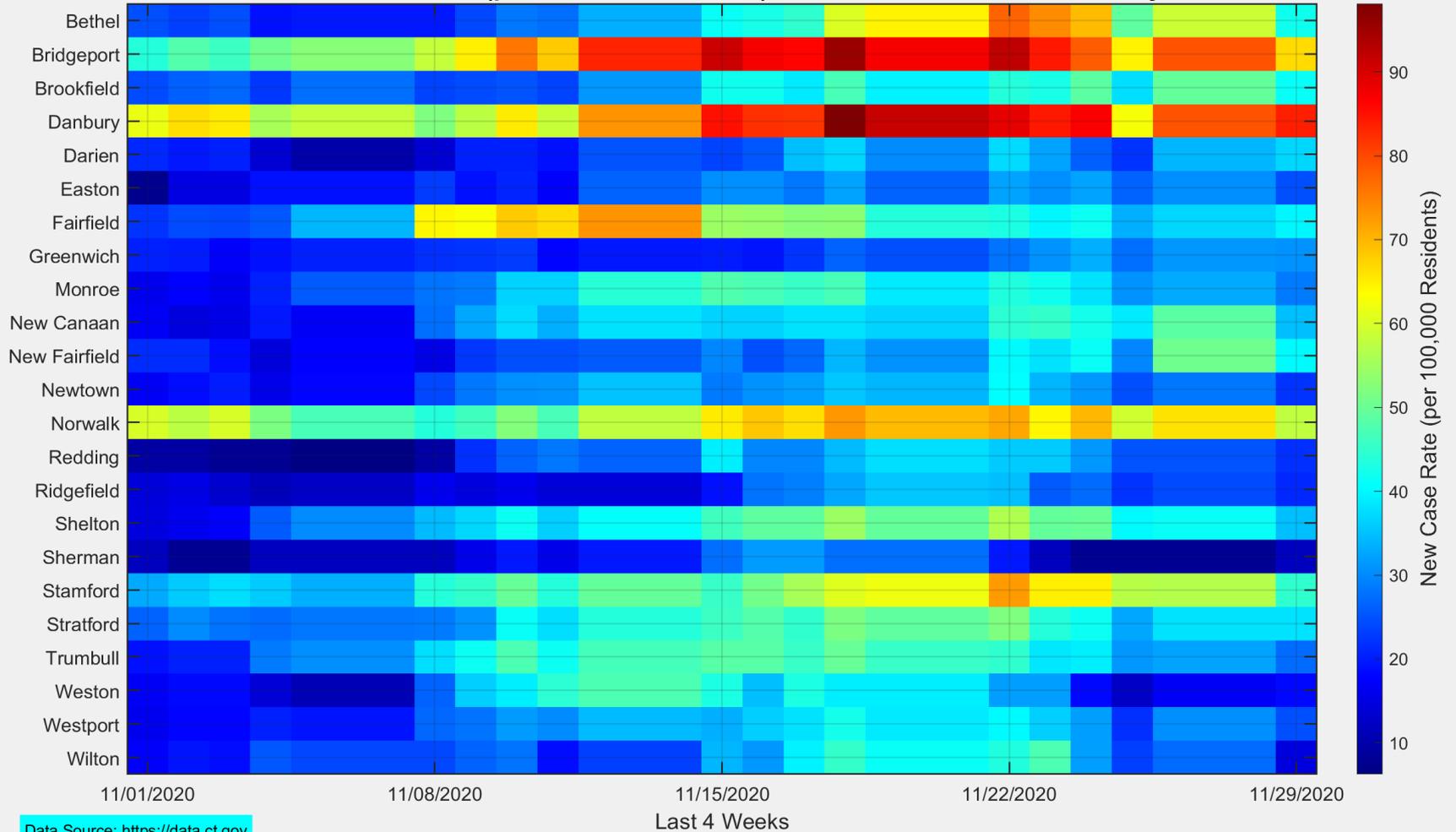
The state-level data confirm that wearing a mask reduces COVID case rates

New Case Rate vs Percentage of People Wearing Mask

Legend:
- ○ COVID-19 Data as of 11/29/2020, Facebook Mask Survey as of 10/28/2020
- — Linear Model (R^2 = 0.217)

Note that the mask survey data is 32 days earlier than the COVID data. The mask data explains 21.7% of the variance in New Case Rate.

Y-axis: New Case Rate (Per 100,000 Residents)

X-axis: Percentage of people who wear a mask most or all of the time while in public (from Facebook Surveys)

COVID Data: https://covidtracking.com/data/api
Mask Survey Data: Delphi COVIDcast, covidcast.cmu.edu

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The Connecticut Test Rate is higher than most states

New Case Rate vs New Test Rate for all States

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Data Source: https://covidtracking.com/data/api
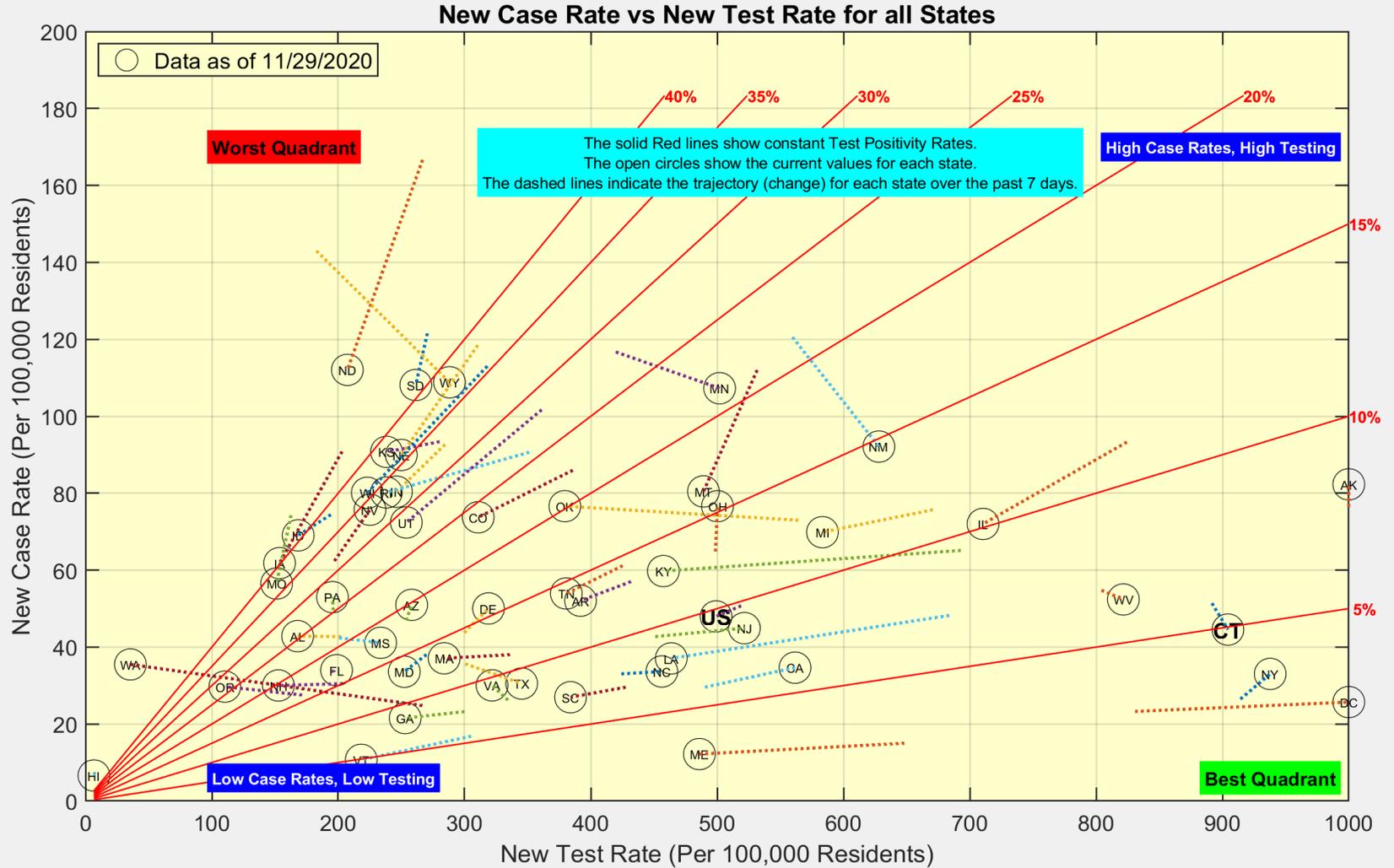
Ridgefield increased testing over past 7 days … case rate and test positivity deceased

New Case Rate vs New Test Rate for all Towns in Fairfield County

The solid Red lines show constant Test Positivity Rates.
The open circles show the current values for each town.
The dashed lines indicate the trajectory (change) for each town over the past 7 days.

Data as of 11/29/2020

Worst Quadrant

High Case Rates, High Testing

Low Case Rates, Low Testing

Best Quadrant

Ridgefield

New Case Rate (Per 100,000 Residents)

New Test Rate (Per 100,000 Residents)

Data Source: https://data.ct.gov

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