Ridgefield COVID Summary

Ridgefield COVID-19 Task Force

Data downloaded from
https://data.ct.gov/browse?category=Health+and+Human+Services

Data downloaded on Friday, January 29, 2021 at 4:00 PM
This reflects data through Thursday, January 28, 2021

Ridgefield Summary
Data downloaded on Friday, 01/29/2021 at 4:00 PM

Ridgefield	Thursday 01/28/2021	Wednesday 01/27/2021
Number of New Cases Reported	5	4
New Case Rate (per 100,000 Residents)	**25.7**	30.8
New Test Rate (per 100,000 Residents)	1087.2	1116.9
Test Positivity	2.4%	2.8%

Fairfield County	Thursday 01/28/2021	Wednesday 01/27/2021
Number of New Cases Reported	329	281
New Case Rate (per 100,000 Residents)	44.8	48.2
New Test Rate (per 100,000 Residents)	1403.7	1441.1
Test Positivity	3.2%	3.3%
Currently Hospitalized	253	257

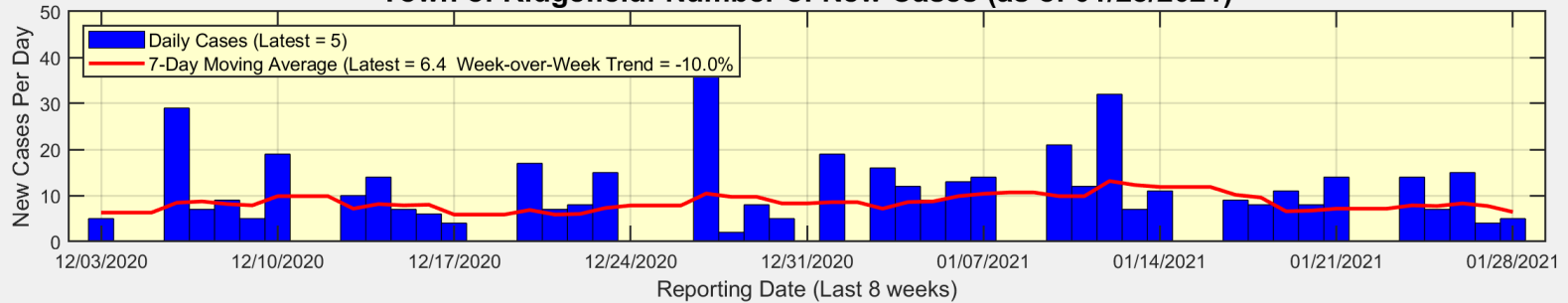Our data science confirms CDC and other studies:
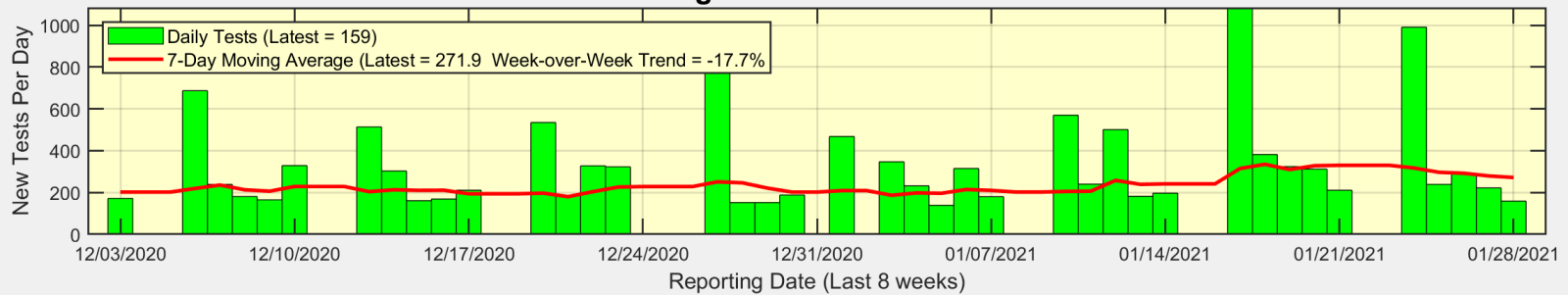
Wearing a Mask Reduces COVID Case Rates

Ridgefield COVID-19 Task Force

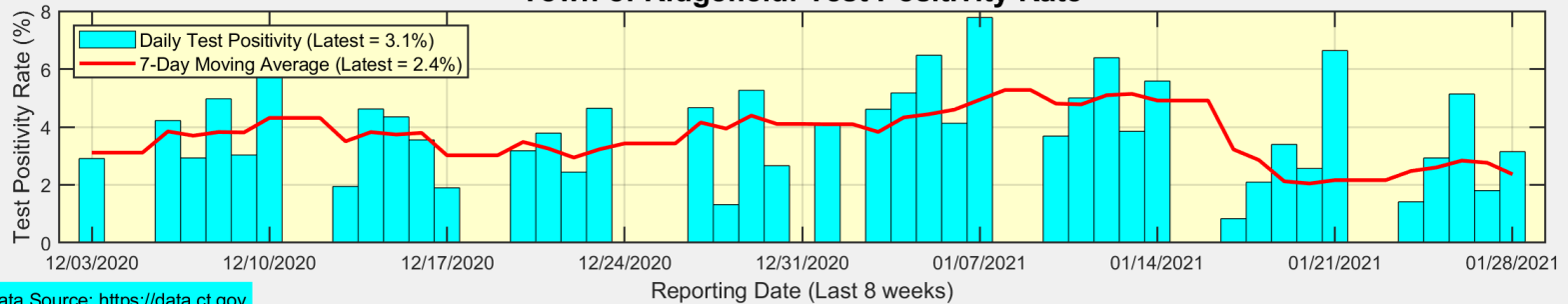There were 5 new cases reported for Ridgefield on Thursday

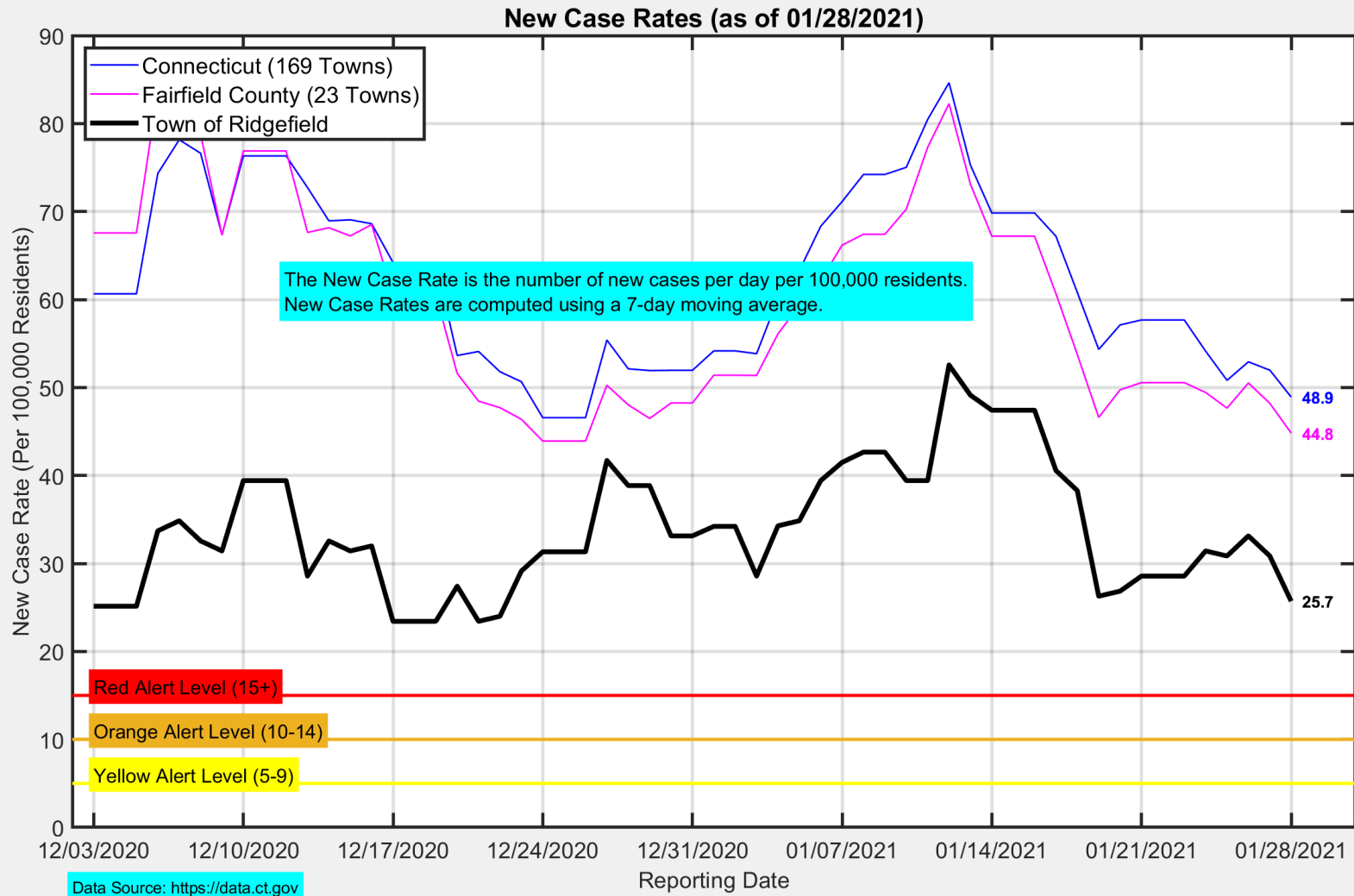Town of Ridgefield: Number of New Cases (as of 01/28/2021)

Daily Cases (Latest = 5)
7-Day Moving Average (Latest = 6.4 Week-over-Week Trend = -10.0%

Town of Ridgefield: Number of New Tests

Daily Tests (Latest = 159)
7-Day Moving Average (Latest = 271.9 Week-over-Week Trend = -17.7%

Town of Ridgefield: Test Positivity Rate

Daily Test Positivity (Latest = 3.1%)
7-Day Moving Average (Latest = 2.4%)

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

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Slide 3

The New Case Rate in Ridgefield decreased to 25.7

New Case Rates (as of 01/28/2021)

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.

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

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Slide 4

Here are the latest New Case Rates for all towns in Fairfield County

New Case Rate (Per 100,000 Residents) as of 01/28/2021

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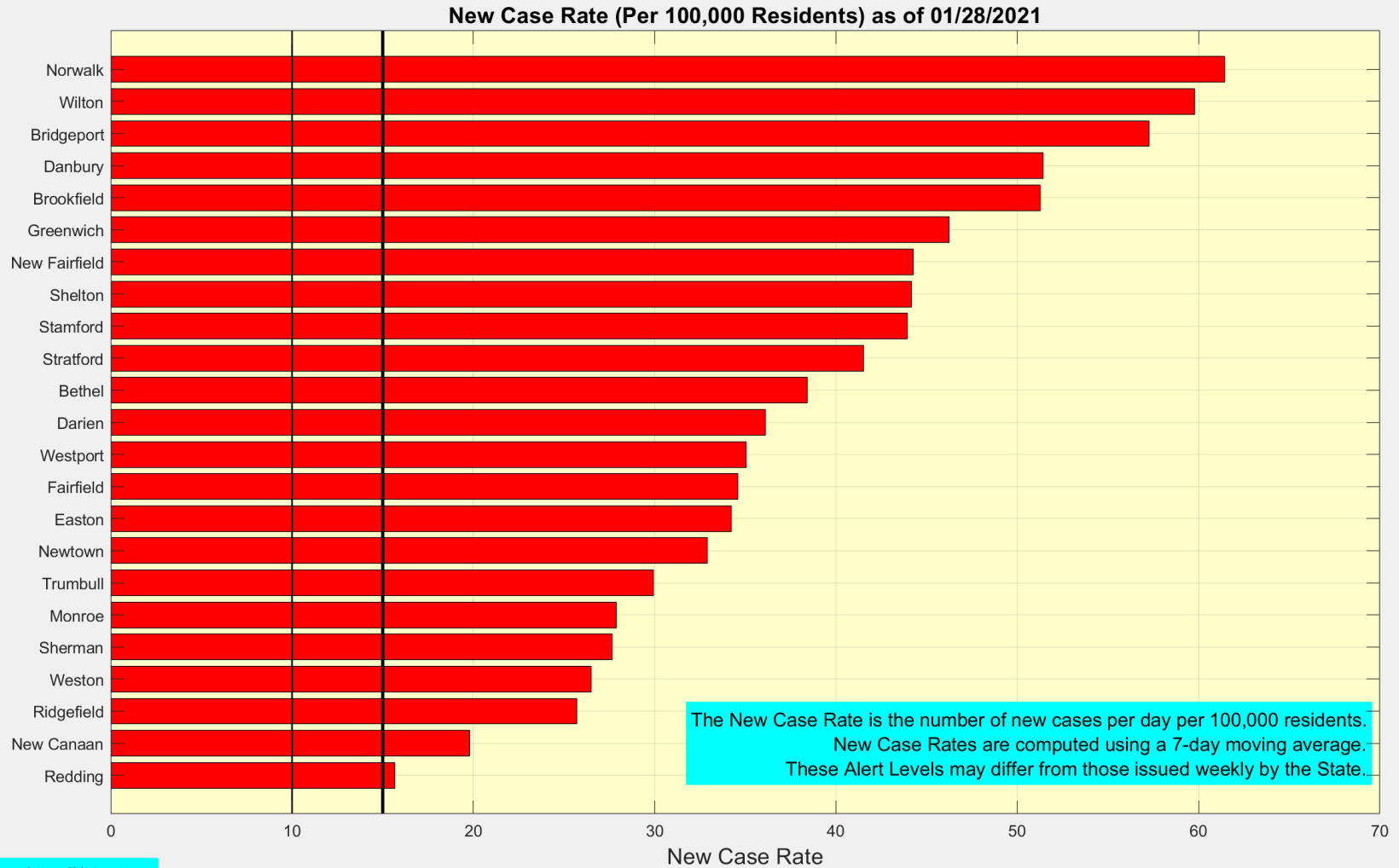
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This heat map shows the progression of New Case Rates for all towns in Fairfield County

New Case Rate (Per 100,000 Residents) for all Towns in Fairfield County

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

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Slide 6
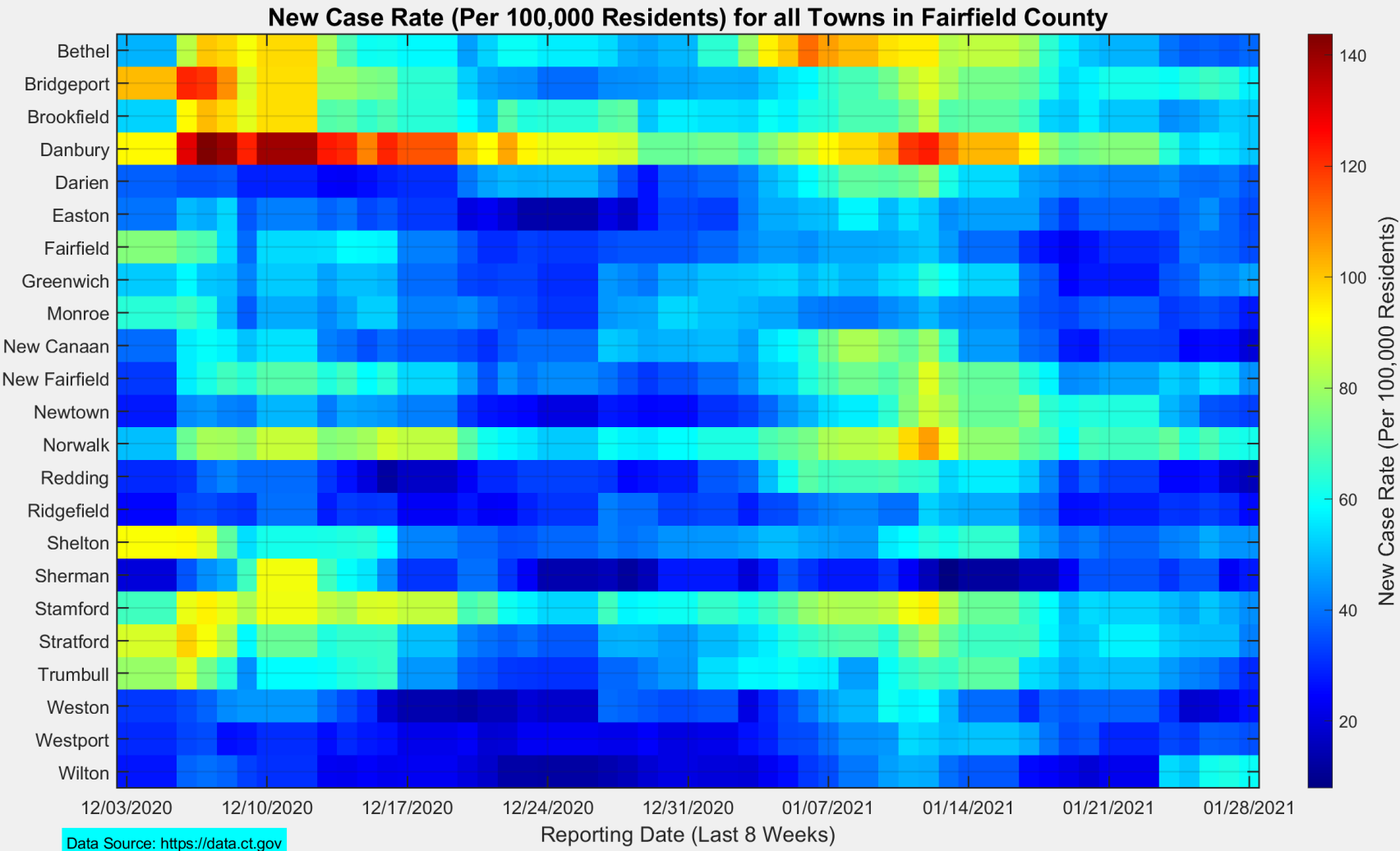
These are the distributions of New Cases and Deaths over age group for the State of Connecticut

State of Connecticut: Distribution of New Cases over Age Group

State of Connecticut: Distribution of Deaths over Age Group

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

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Slide 7
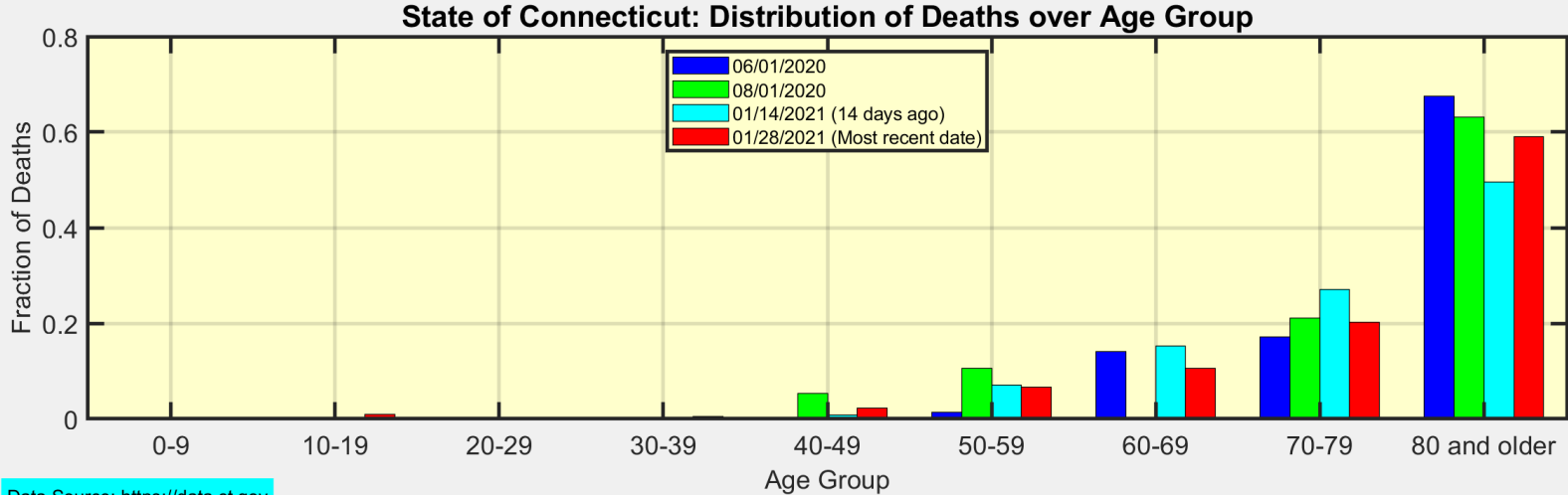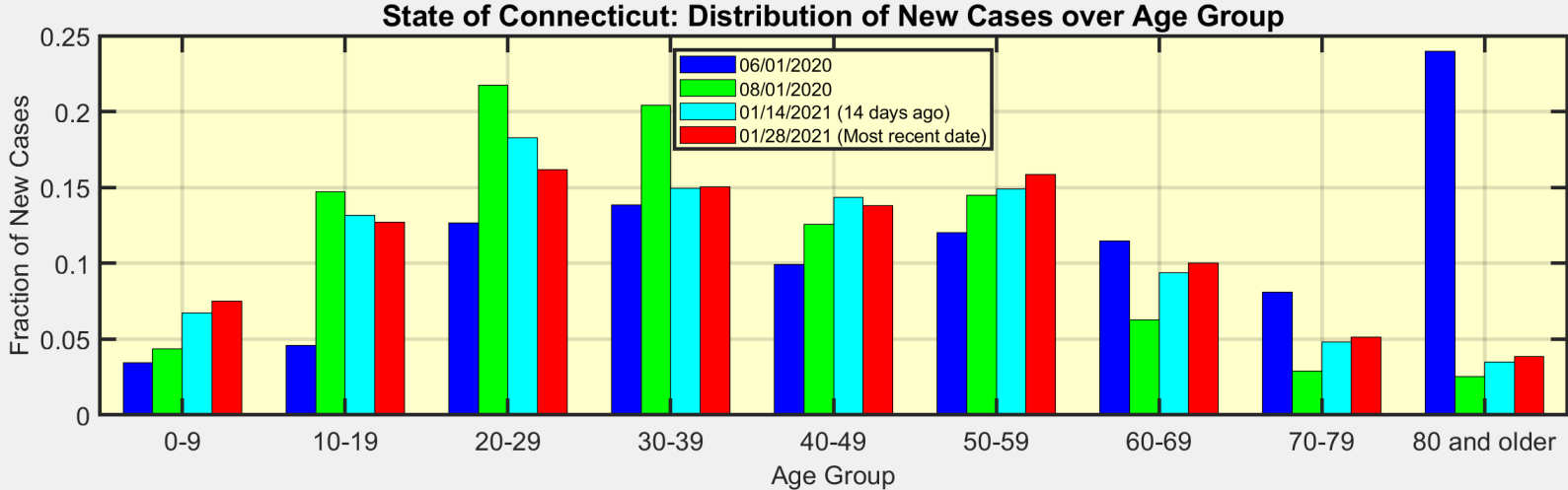
Introduction to Scatter Plots of New Case Rates vs New Test Rates

y-axis		**x-axis**	**Red Diagonal Lines**
New Case Rate	=	*New Test Rate*	x *Test Positivity*

$$\left[\frac{\text{New Cases}}{100,000 \text{ Residents}} \right] = \left[\frac{\text{New Tests}}{100,000 \text{ Residents}} \right] \text{ x } \left[\frac{\text{New Cases}}{\text{New Tests}} \right]$$

1. *The dashed lines can be thought of as 'jet plumes' showing the trajectory of each state (or town) since the previous report.*
2. *The New Case Rate and the New Test Rate are computed as 7-day moving averages.*

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Here is the latest view of New Cases and New Tests for all states
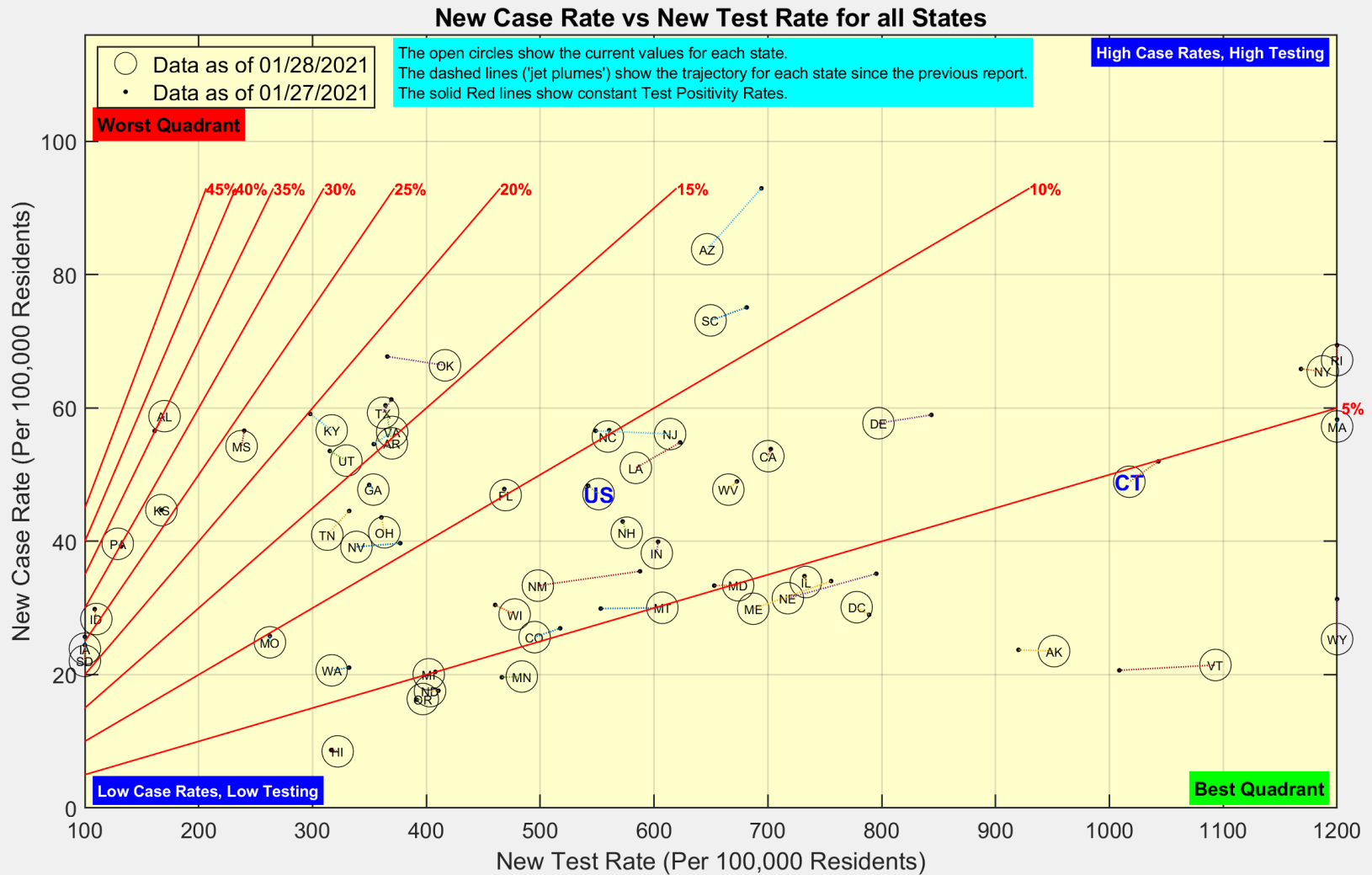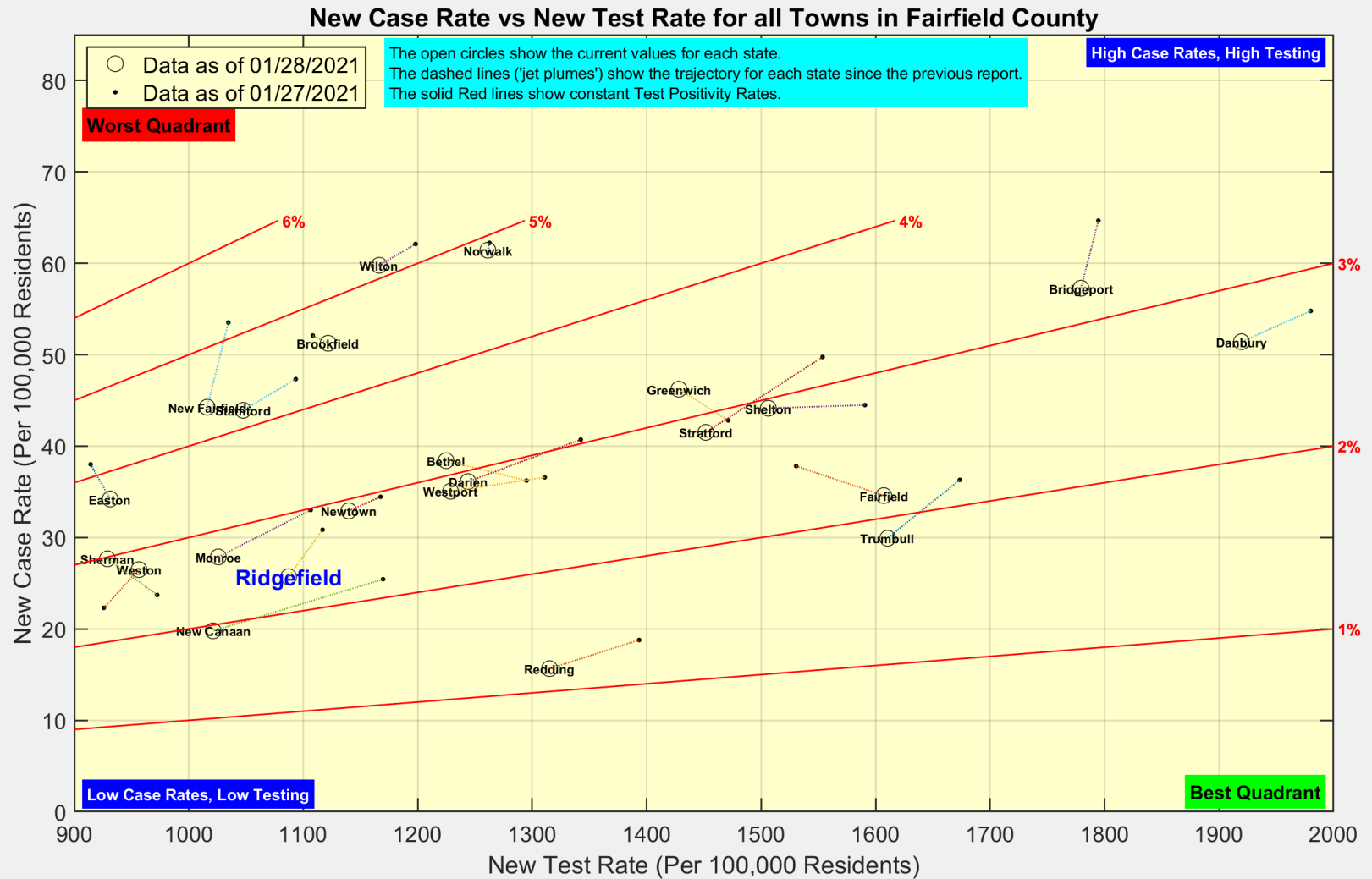

New Case Rate vs New Test Rate for all States

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Here is the latest view of New Cases and New Tests for all towns in Fairfield County

Slide 10

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