

Ridgefield COVID Summary

Ridgefield COVID-19 Task Force



Data downloaded from

<https://data.ct.gov/browse?category=Health+and+Human+Services>

<https://covid.cdc.gov/covid-data-tracker/#vaccinations>

Thursday, 12/16/2021

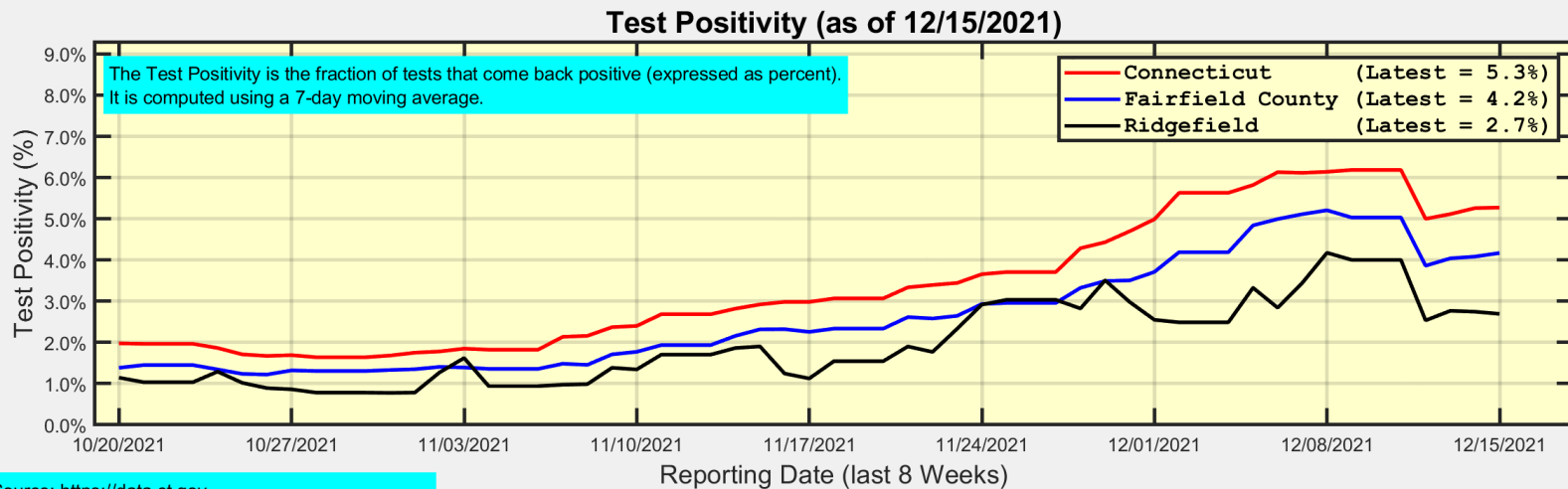
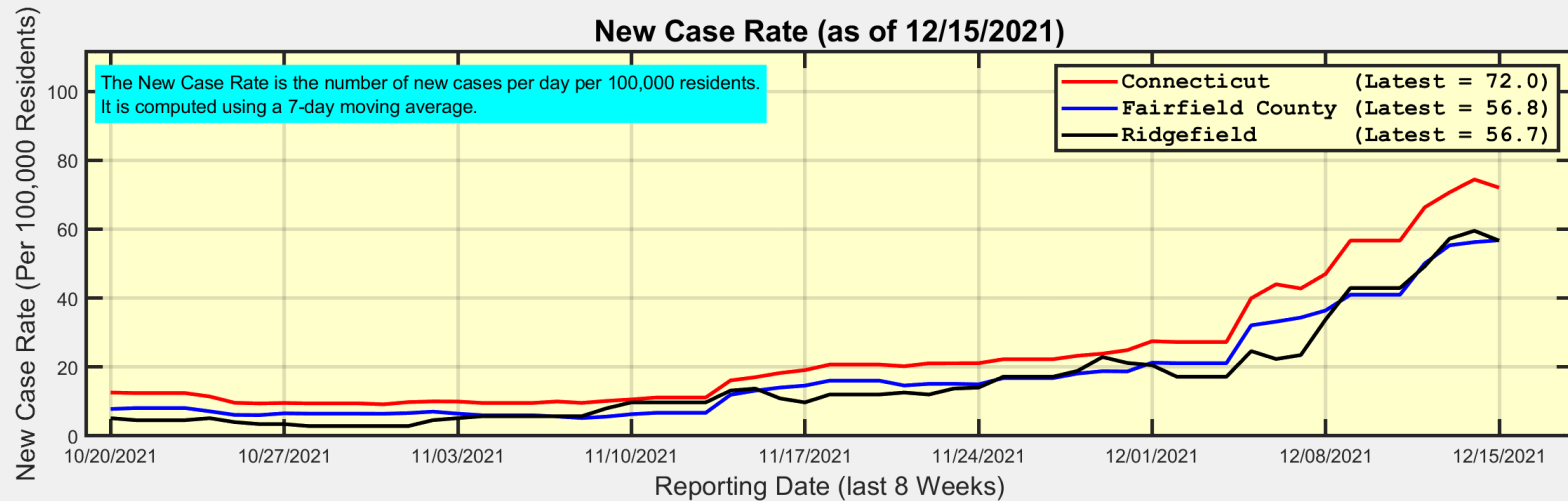
Ridgefield Summary

Ridgefield	Wednesday 12/15/2021	Tuesday 12/14/2021
Number of New Cases Reported	17	8
New Case Rate (per 100,000 Residents)	56.7	59.5
New Test Rate (per 100,000 Residents)	2104.6	2168.1
Test Positivity	2.7%	2.7%
Fairfield County	Wednesday 12/15/2021	Tuesday 12/14/2021
Number of New Cases Reported	540	291
New Case Rate (per 100,000 Residents)	56.8	56.2
New Test Rate (per 100,000 Residents)	1362.0	1377.6
Test Positivity	4.2%	4.1%
Currently Hospitalized	139	145

Data Source: <https://data.ct.gov>. This report reflects data reported to the State through Wednesday 12/15/2021. The New Case Rate, New Test Rate, and Test Positivity are computed using 7-day moving averages.



New Case Rates and Test Positivity for Connecticut, Fairfield County, and Ridgefield

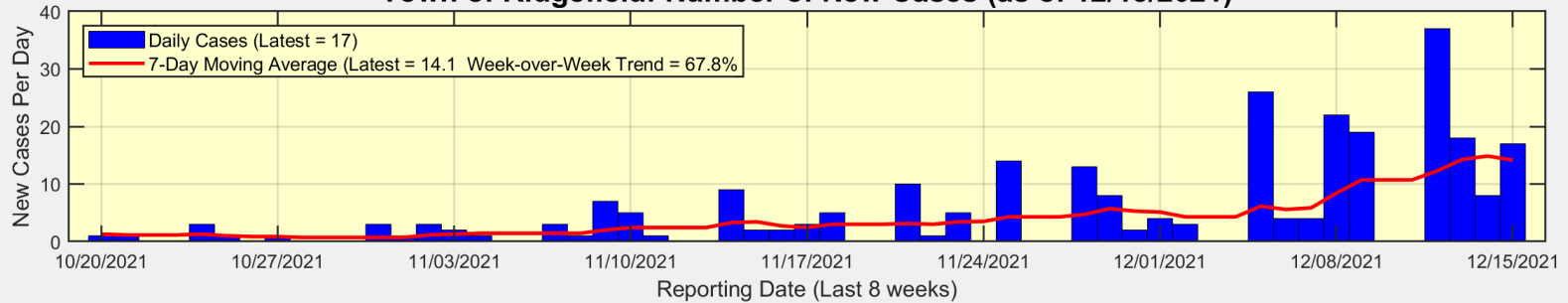


Data Source: <https://data.ct.gov>
Analysis by Rick Lawrence (Ridgefield COVID Task Force)

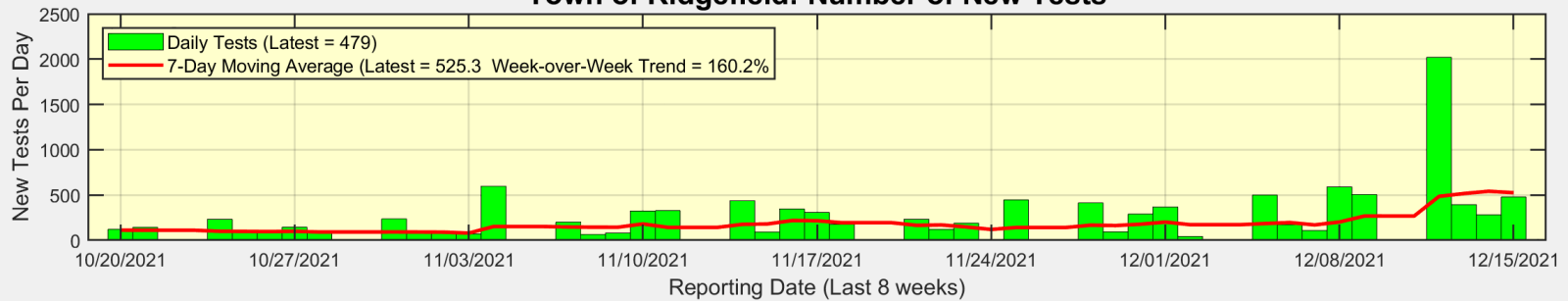


New Cases, New Tests, and Test Positivity for Ridgefield

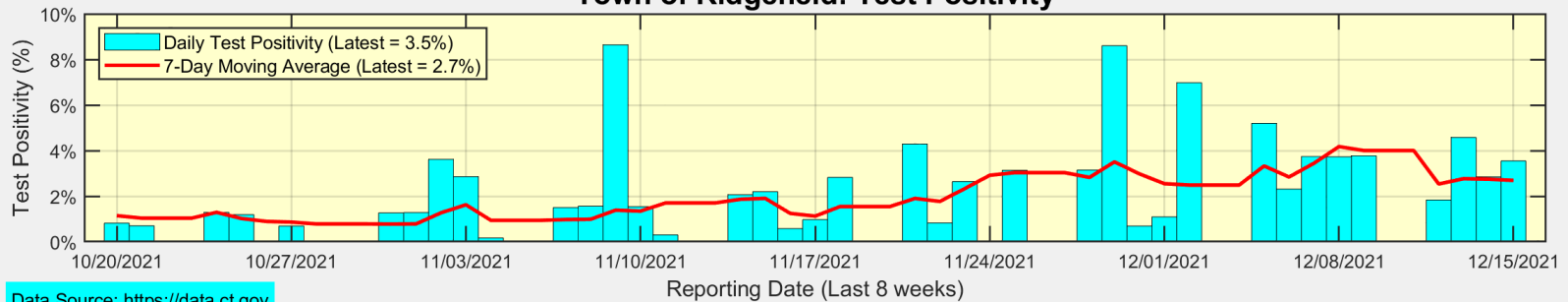
Town of Ridgefield: Number of New Cases (as of 12/15/2021)



Town of Ridgefield: Number of New Tests



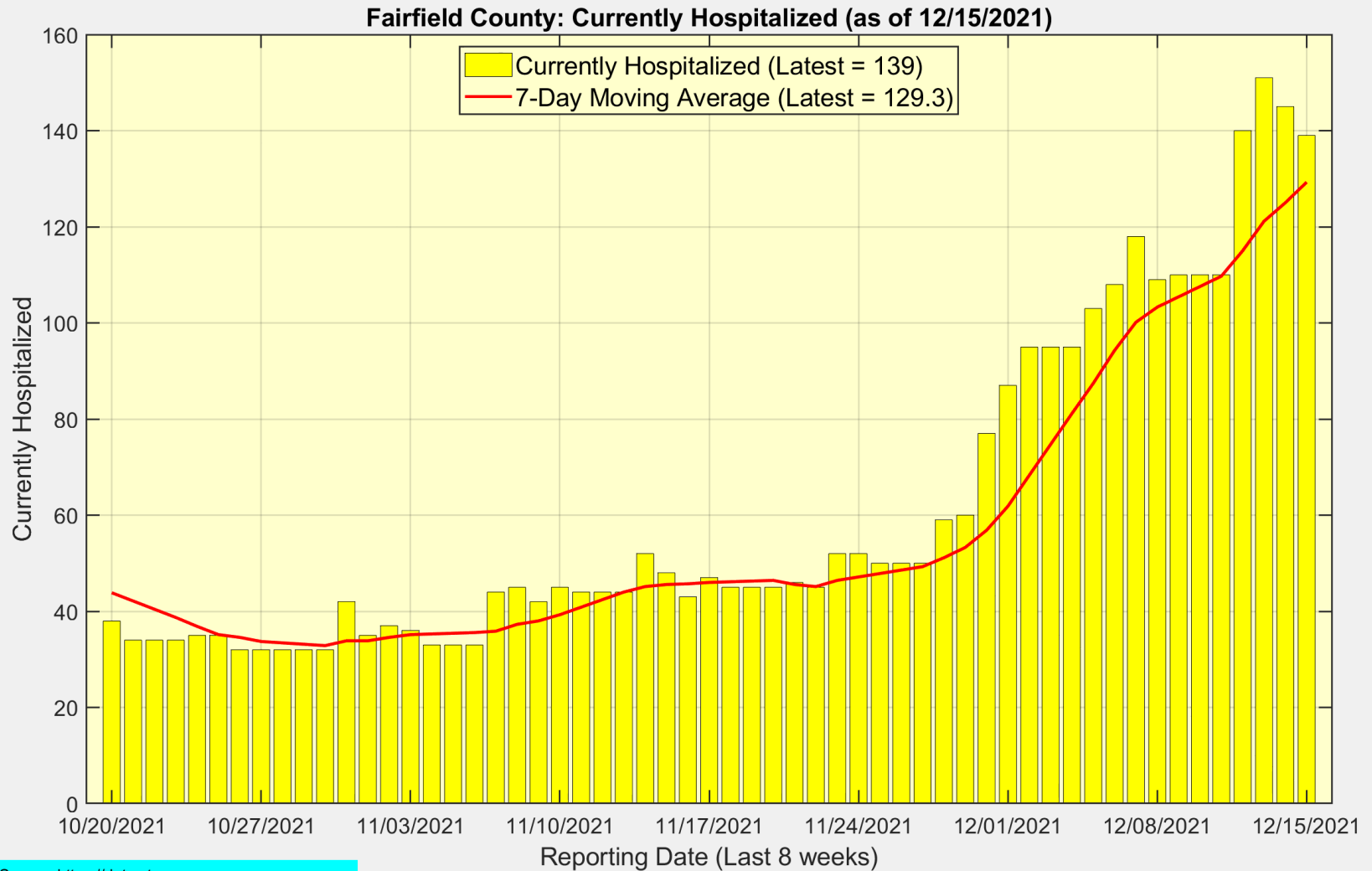
Town of Ridgefield: Test Positivity



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



Currently Hospitalized in Fairfield County



Data Source: <https://data.ct.gov>
Analysis: Rick Lawrence (Ridgefield COVID Task Force)



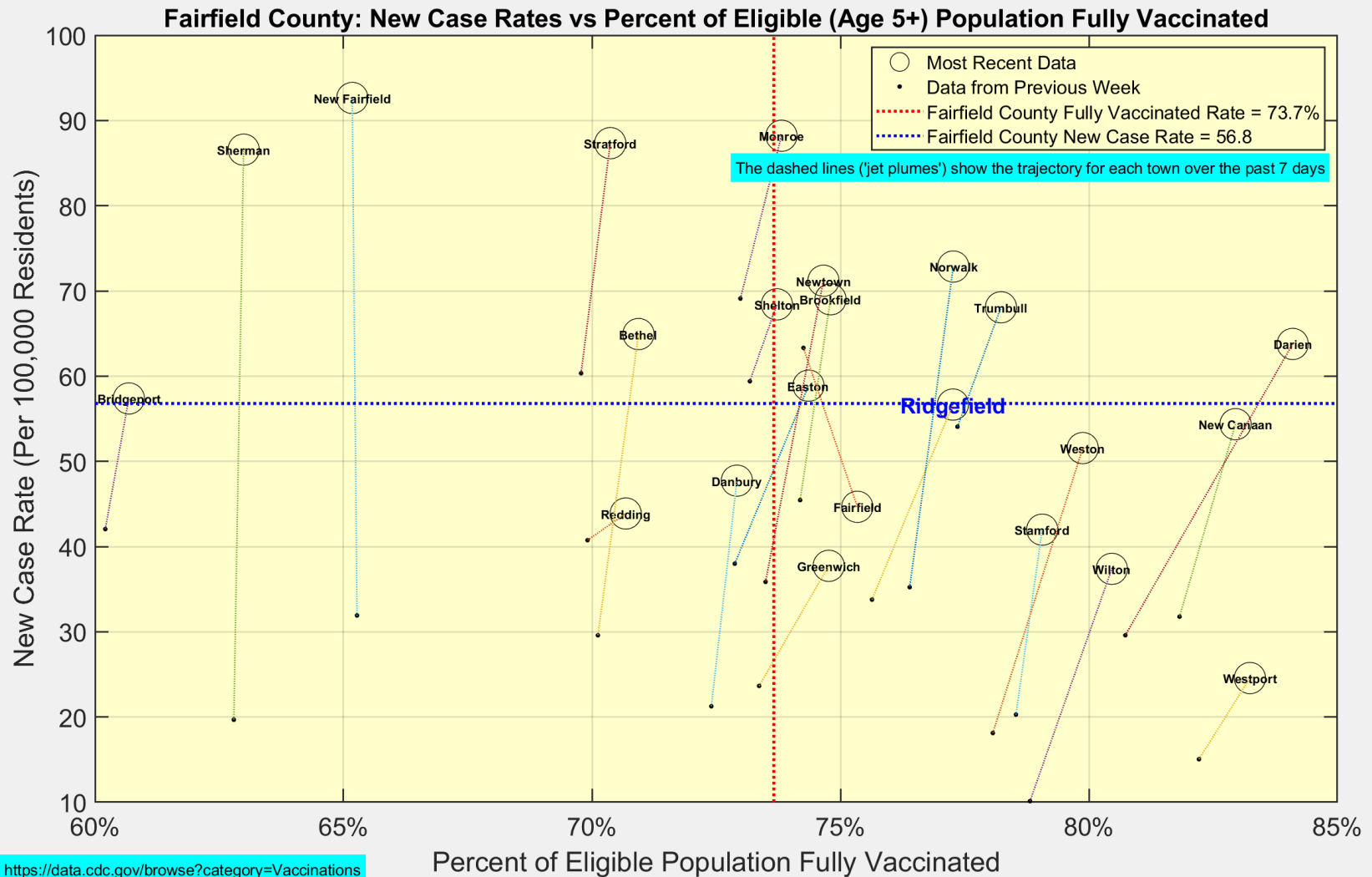
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Connecticut and US Vaccination Summary

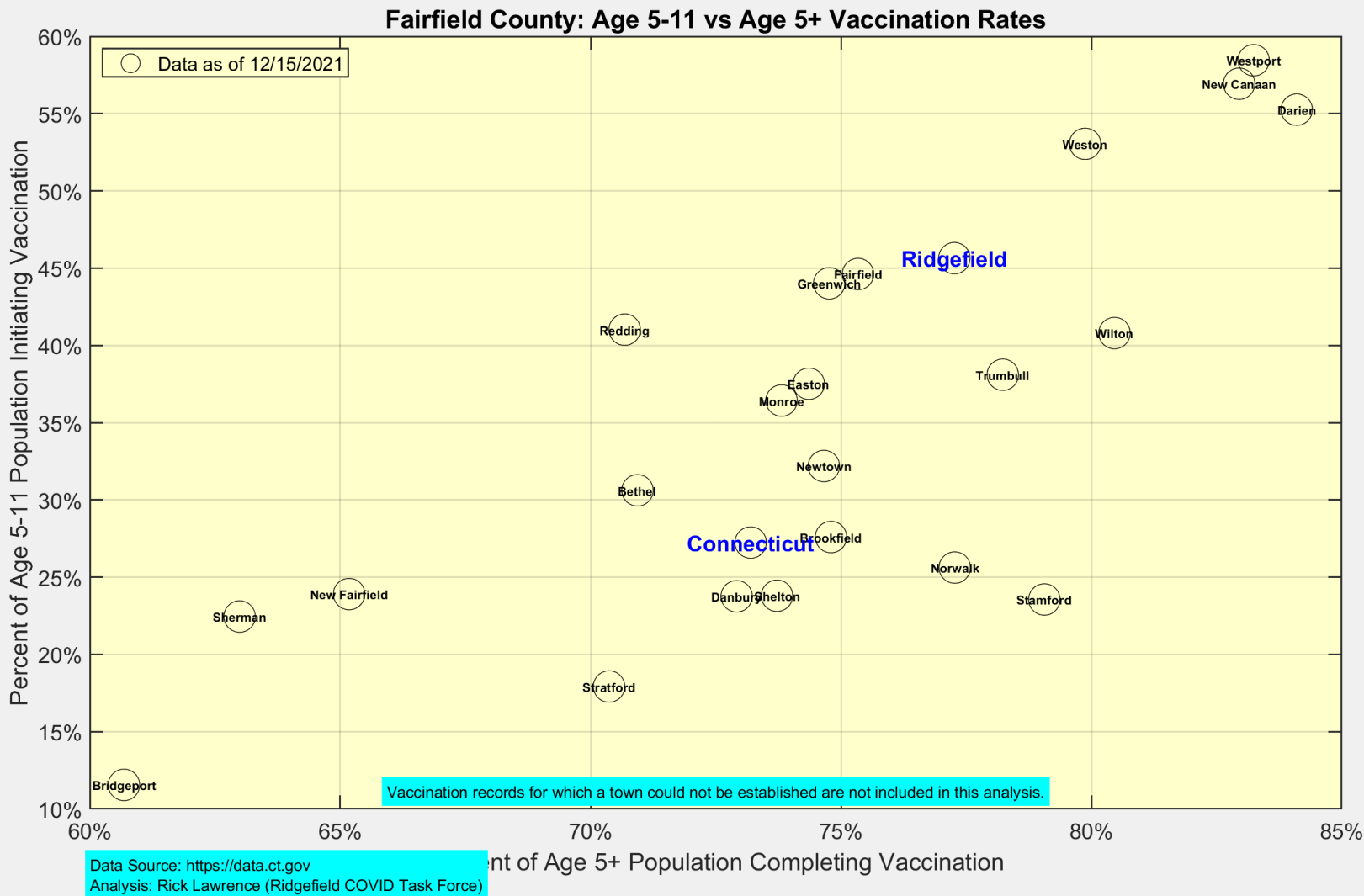
Connecticut (as of Tuesday December 14, 2021)	Cumulative	Daily
Doses Delivered	7,159,245	31,947
Doses Administered	6,328,957	24,778
Percent of Age 5+ Population Who Have Completed Vaccination	77.6%	
Connecticut Rank Among 50 States and DC	4	
Percent of Age 5+ Population Who Have Initiated Vaccination	90.9%	
Connecticut Rank Among 50 States and DC	5	
United States (as of Tuesday December 14, 2021)	Cumulative	Daily
Doses Delivered	597,270,245	2,173,257
Doses Administered	486,574,475	1,904,464
Percent of Age 5+ Population Who Have Completed Vaccination	64.8%	
Percent of Age 5+ Population Who Have Initiated Vaccination	76.7%	
Data Source: https://covid.cdc.gov/covid-data-tracker/#vaccinations .		



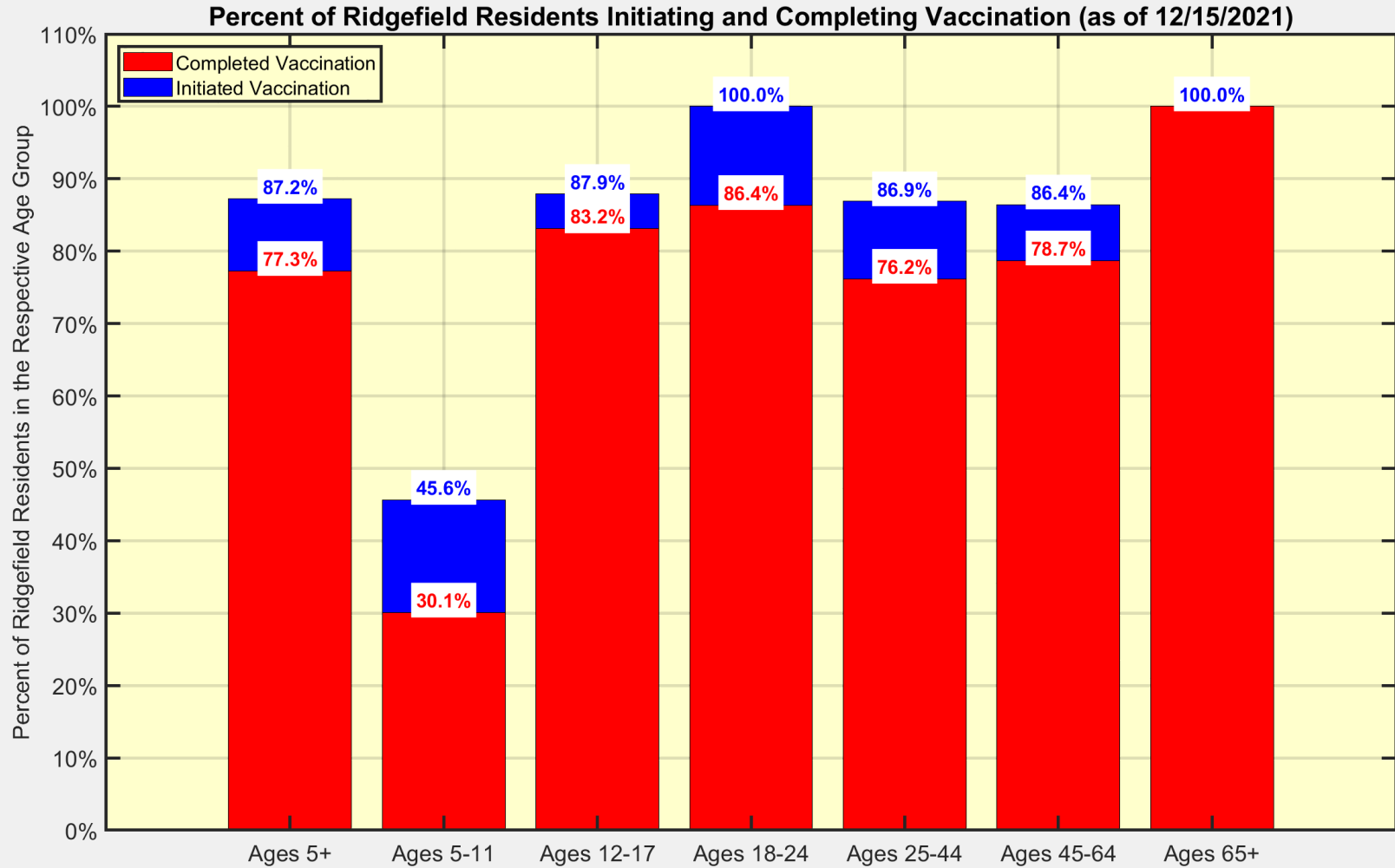
New Case Rates vs Vaccination Rates for Towns in Fairfield County



Latest Vaccination Rates for Towns in Fairfield County



Latest Vaccination Rates for Ridgefield Residents



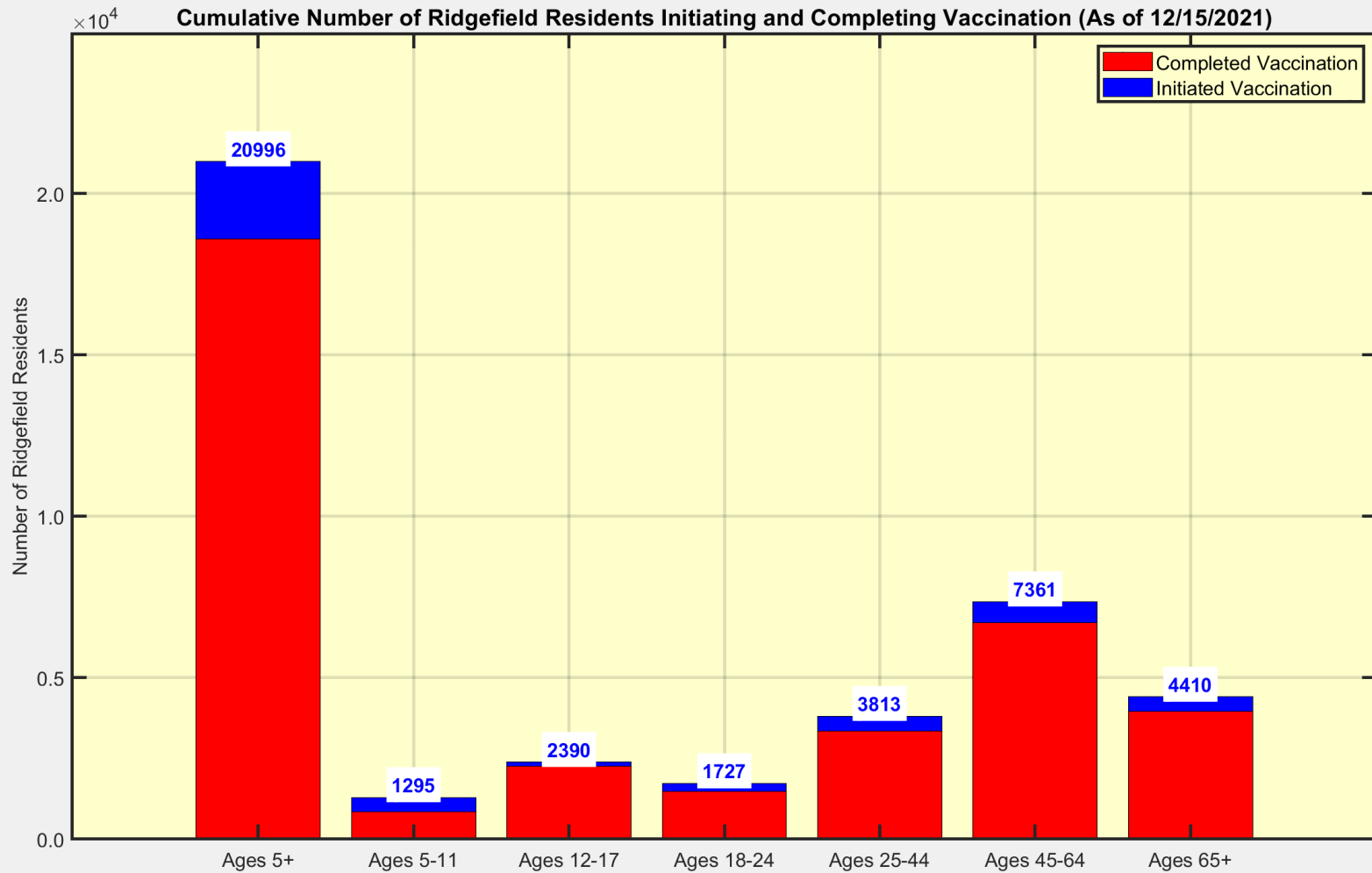
Data Source: <https://data.ct.gov>

Analysis: Rick Lawrence (Ridgefield COVID Task Force)



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Latest Vaccination Numbers for Ridgefield Residents



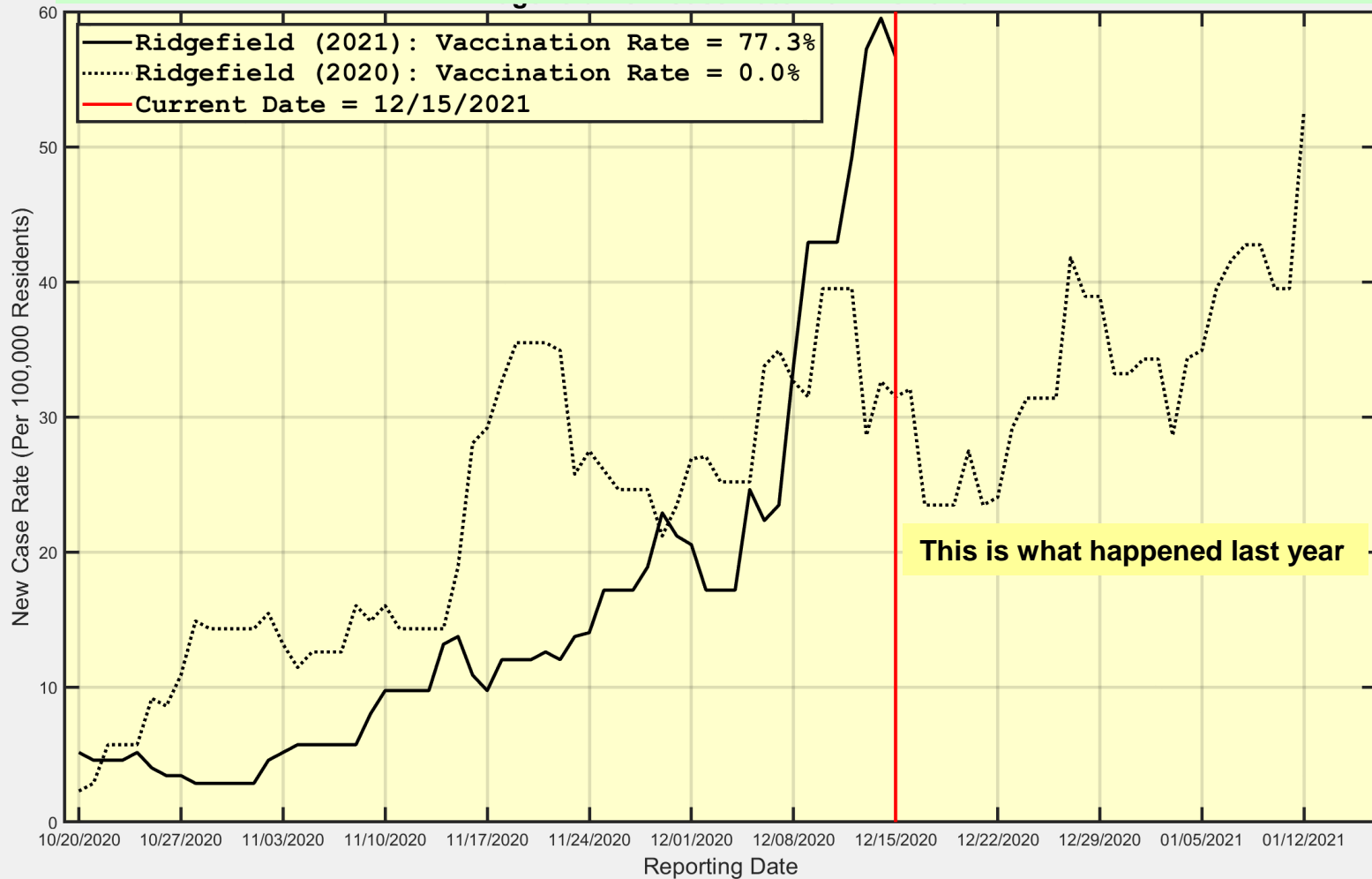
Data Source: <https://data.ct.gov>
Analysis: Rick Lawrence (Ridgefield COVID Task Force)



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Ridgefield New Case Rates are HIGHER than one year ago (WHEN NO ONE WAS VACCINATED)

Contact tracing has shown that essentially all new cases are in the Ridgefield unvaccinated population. Hence, the unvaccinated population is keeping Ridgefield New Case Rates at a level similar to a year ago.



Breakthrough data confirms the significant impact of vaccination

77.3% of Age 5+ Population

(Data for Connecticut)

22.7% of Age 5+ Population

Vaccinated Universe
Daily New Case Rate = 24.7
(per 100,000 vaccinated people)

Unvaccinated Universe
Daily New Case Rate = 134.8
(per 100,000 unvaccinated people)

Relative to vaccinated people, unvaccinated people are

- 5.5 times more likely to get COVID-19
- 15 times more likely to be hospitalized
- 20 times more likely to die from COVID-19

Data Source:

Connecticut Department of Public Health
Week ending December 15, 2021

Approximately 95% of Americans (or their parents) can choose which universe they wish to live in

RELATED OBSERVATION:

The latest Connecticut unvaccinated Daily New Case Rate (134.8) is much higher than it was exactly one year ago (69.1) WHEN EVERYONE WAS UNVACCINATED



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As of week ending December 5, sequencing shows 16.7% of cases in Connecticut are Omicron

SARS-CoV-2 Variant Surveillance, continued.

The plot below, based on data extracted from GISAID on 12/16/2021, shows the change in proportion of circulating variants of concern by week. Data include sequences from specimens with dates of collection from 3/2/2020–12/11/2021.

Proportion of Circulating Variants of Concern & Variants Being Monitored, CT

Retrieved from GISAID data December 16, 2021

