

## 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, 12/30/2021

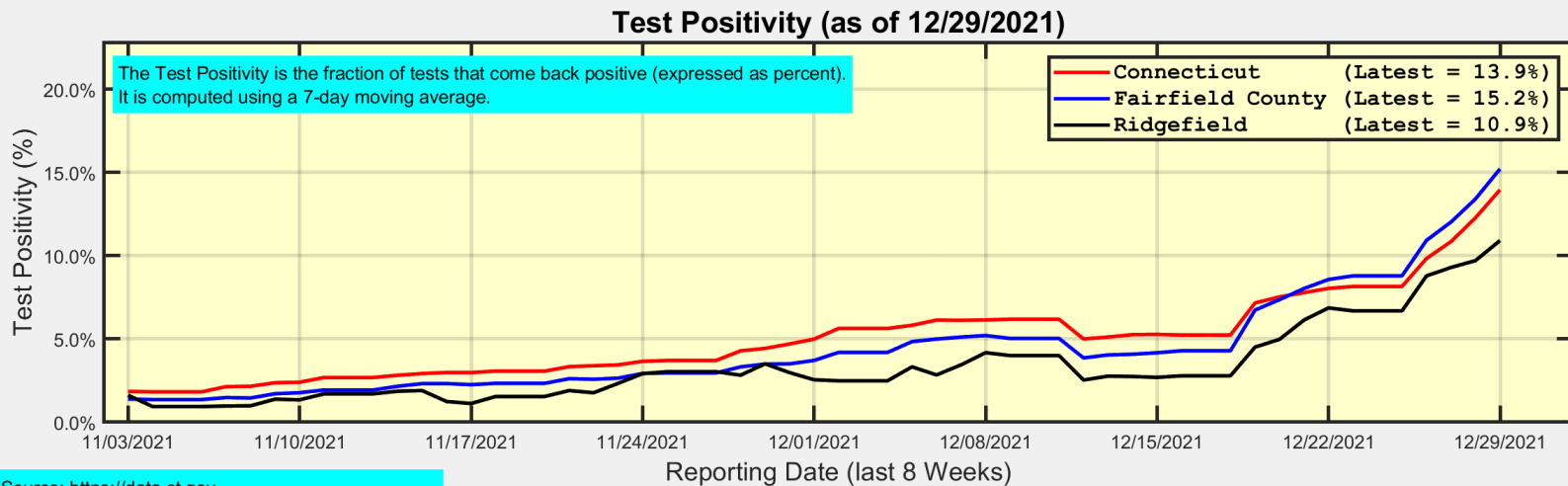
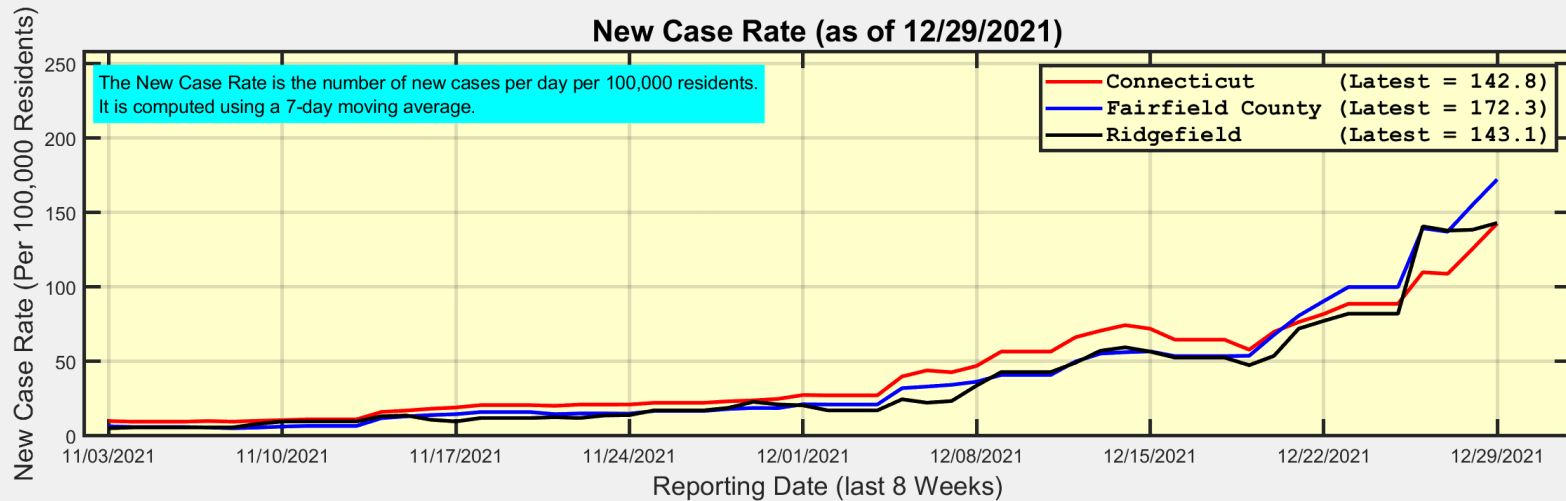
## Ridgefield Summary

<b>Ridgefield</b>	<b>Wednesday 12/29/2021</b>	<b>Tuesday 12/28/2021</b>
Number of New Cases Reported	34	41
New Case Rate (per 100,000 Residents)	<b>143.1</b>	138.5
New Test Rate (per 100,000 Residents)	1311.9	1427.5
Test Positivity	<b>10.9%</b>	9.7%
<b>Fairfield County</b>	<b>Wednesday 12/29/2021</b>	<b>Tuesday 12/28/2021</b>
Number of New Cases Reported	2317	2322
New Case Rate (per 100,000 Residents)	172.3	155.2
New Test Rate (per 100,000 Residents)	1133.1	1157.3
Test Positivity	15.2%	13.4%
Currently Hospitalized	293	282

**Data Source: <https://data.ct.gov>. This report reflects data reported to the State through Wednesday 12/29/2021. 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

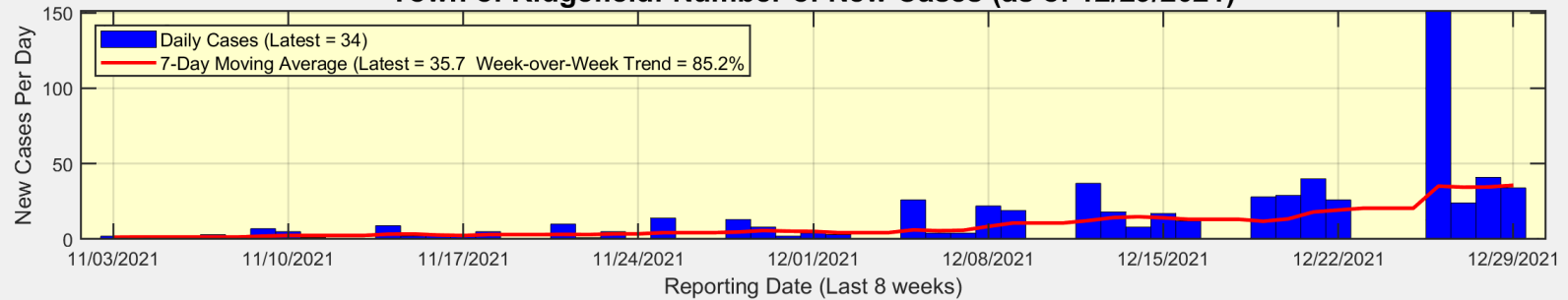


Data Source: <https://data.ct.gov>  
Analysis by Rick Lawrence (Ridgefield COVID Task Force)

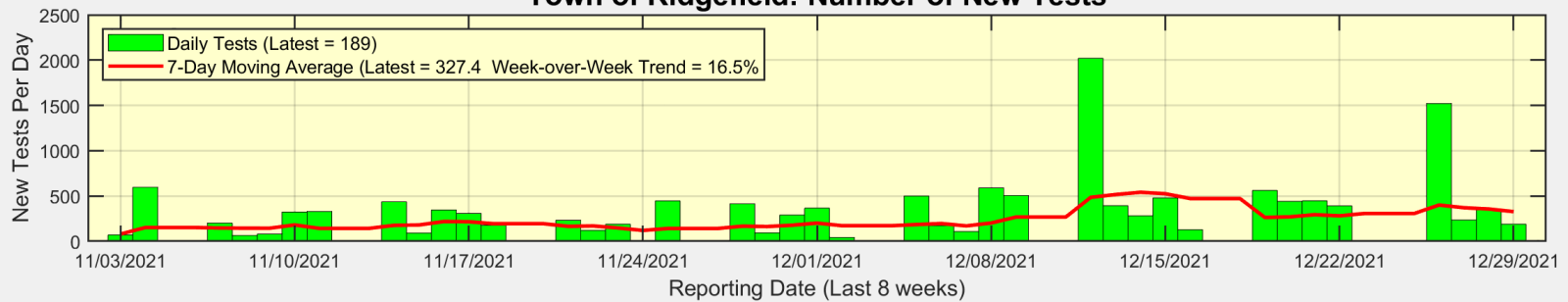


# New Cases, New Tests, and Test Positivity for Ridgefield

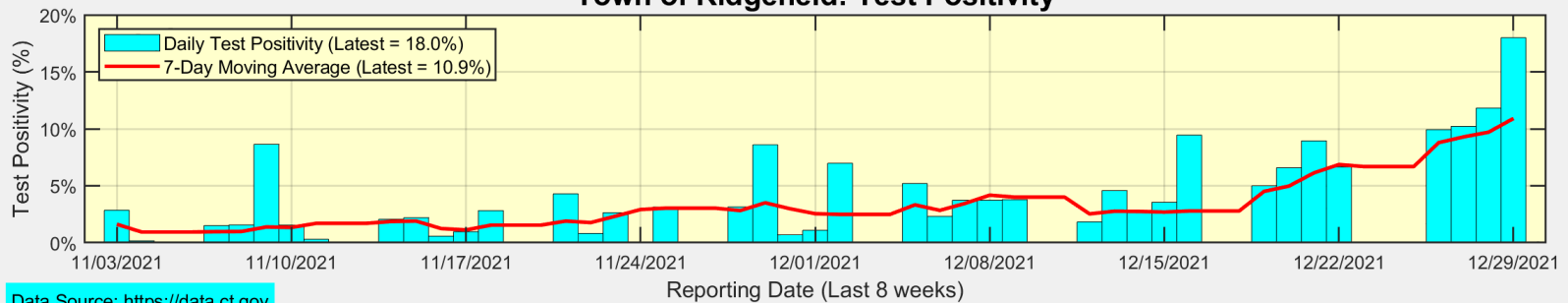
**Town of Ridgefield: Number of New Cases (as of 12/29/2021)**



**Town of Ridgefield: Number of New Tests**



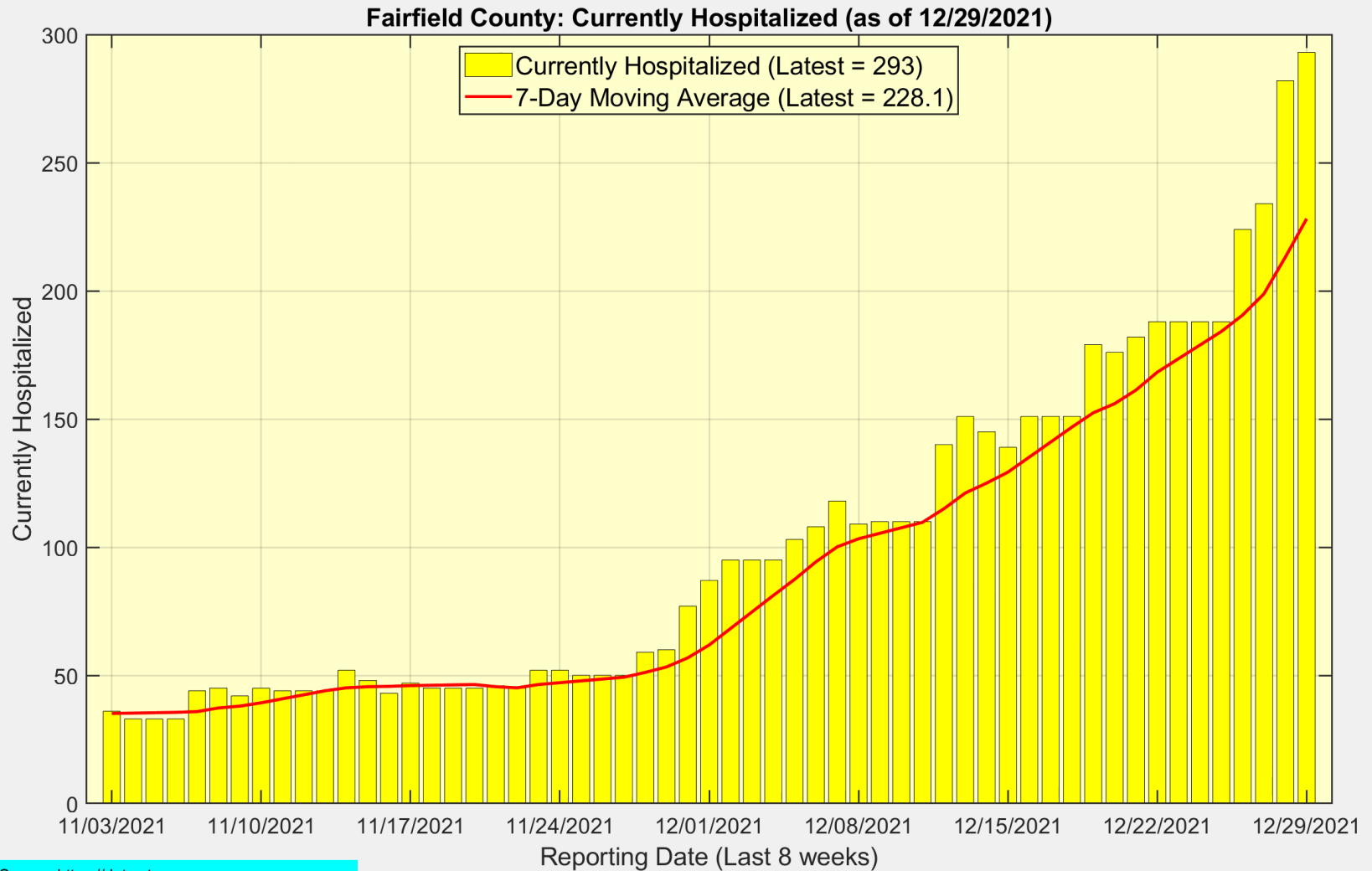
**Town of Ridgefield: Test Positivity**



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



# Currently Hospitalized in Fairfield County



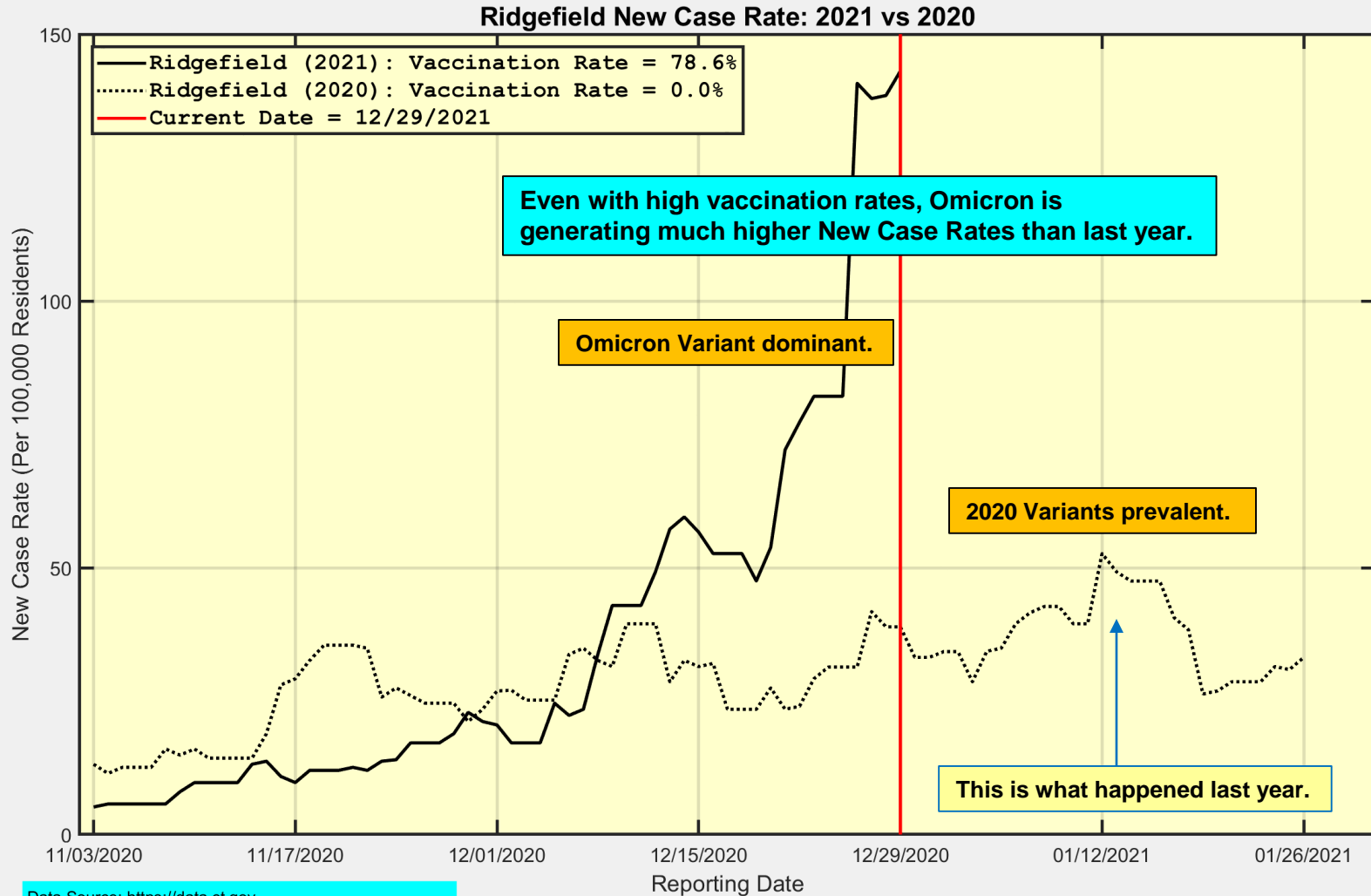
Data Source: <https://data.ct.gov>  
Analysis: Rick Lawrence (Ridgefield COVID Task Force)



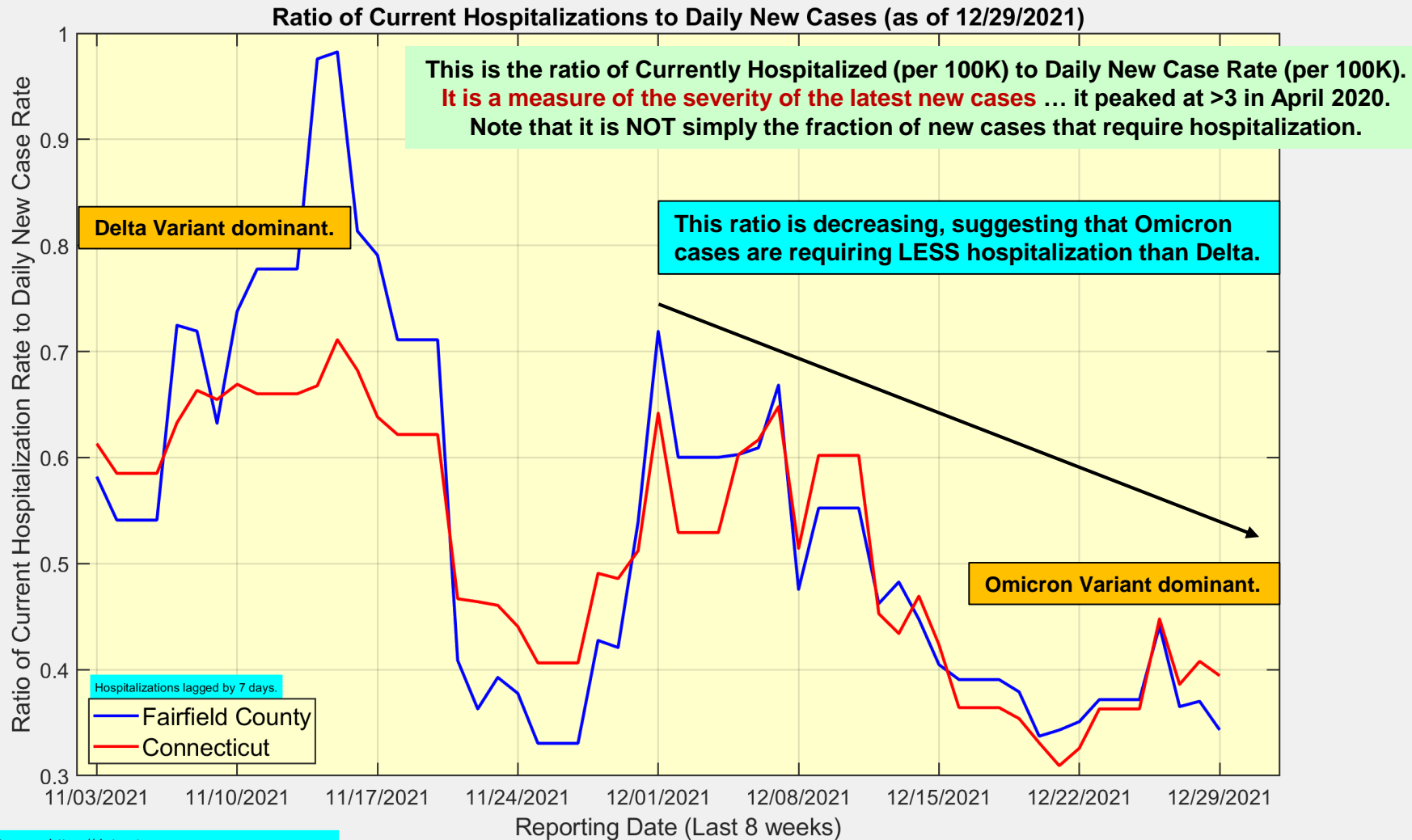
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# Ridgefield New Case Rates are much higher than one year ago

We compare with rates from exactly a year ago to control for seasonality.



# Case Severity Metric: Ratio of the Current Hospitalization Rate to Daily New Case Rate



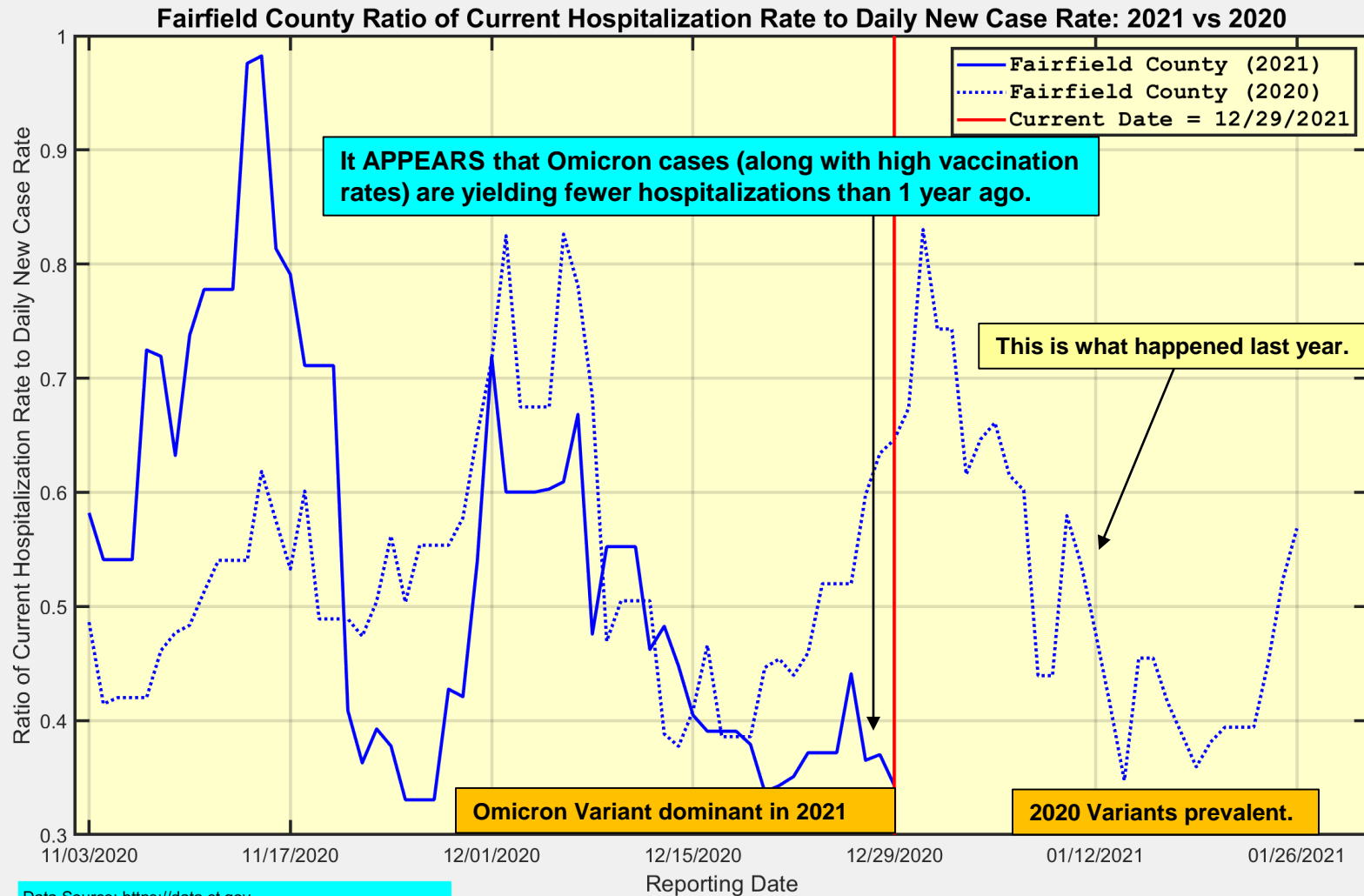
Data Source: <https://data.ct.gov>  
Analysis: Rick Lawrence (Ridgefield COVID Task Force)



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# We compare this Case Hospitalization Ratio for 2021 vs 2020 (to measure Omicron severity)

We compare with data from exactly a year ago to control for seasonality.



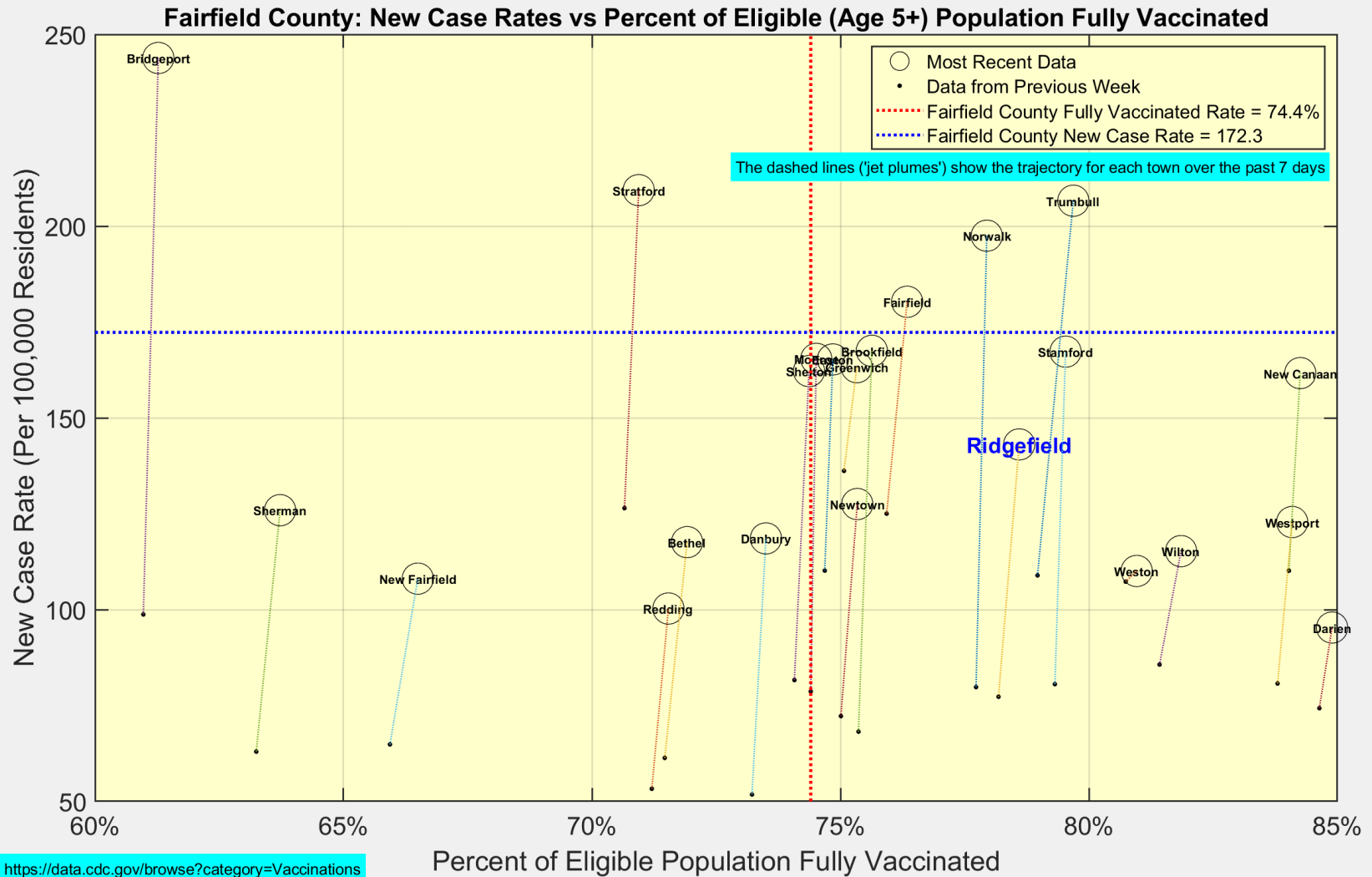
Data Source: <https://data.ct.gov>  
Analysis by Rick Lawrence (Ridgefield COVID Task Force)



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# New Case Rates vs Vaccination Rates for Towns in Fairfield County



## Connecticut and US Vaccination Summary

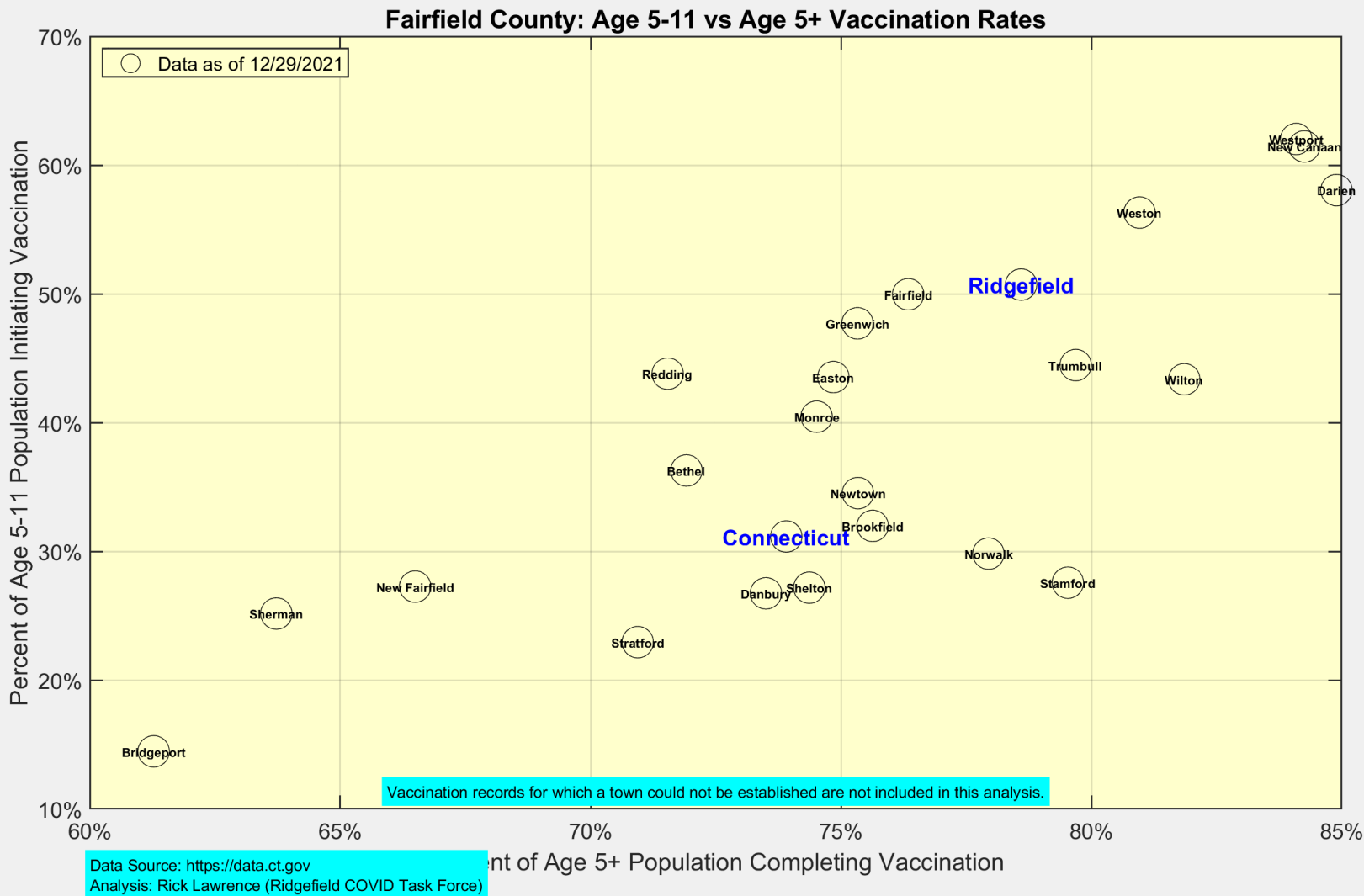
Connecticut (as of Thursday December 30, 2021)	Cumulative	Daily
Doses Delivered	7,423,855	6,364
Doses Administered	6,638,228	15,547
Percent of Age 5+ Population Who Have Completed Vaccination	78.6%	
Connecticut Rank Among 50 States and DC	5	
Percent of Age 5+ Population Who Have Initiated Vaccination	93.3%	
Connecticut Rank Among 50 States and DC	7	

United States (as of Thursday December 30, 2021)	Cumulative	Daily
Doses Delivered	615,358,465	494,356
Doses Administered	507,657,980	1,062,236
Percent of Age 5+ Population Who Have Completed Vaccination	65.9%	
Percent of Age 5+ Population Who Have Initiated Vaccination	78.0%	

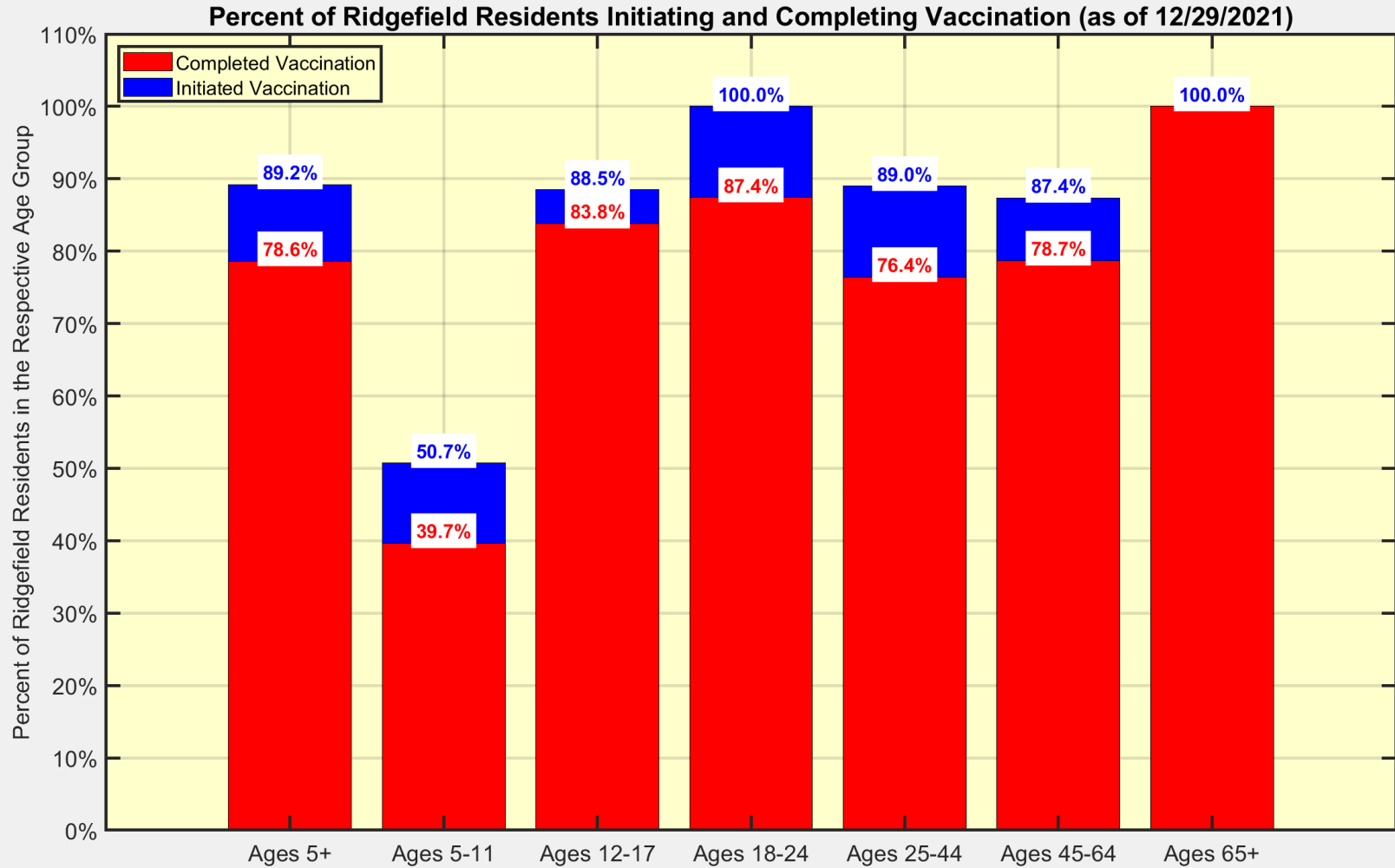
**Data Source:** <https://covid.cdc.gov/covid-data-tracker/#vaccinations>.  
**The Daily numbers are the most recent 7-day moving averages.**



# Latest Vaccination Rates for Towns in Fairfield County



# Latest Vaccination Rates for Ridgefield Residents



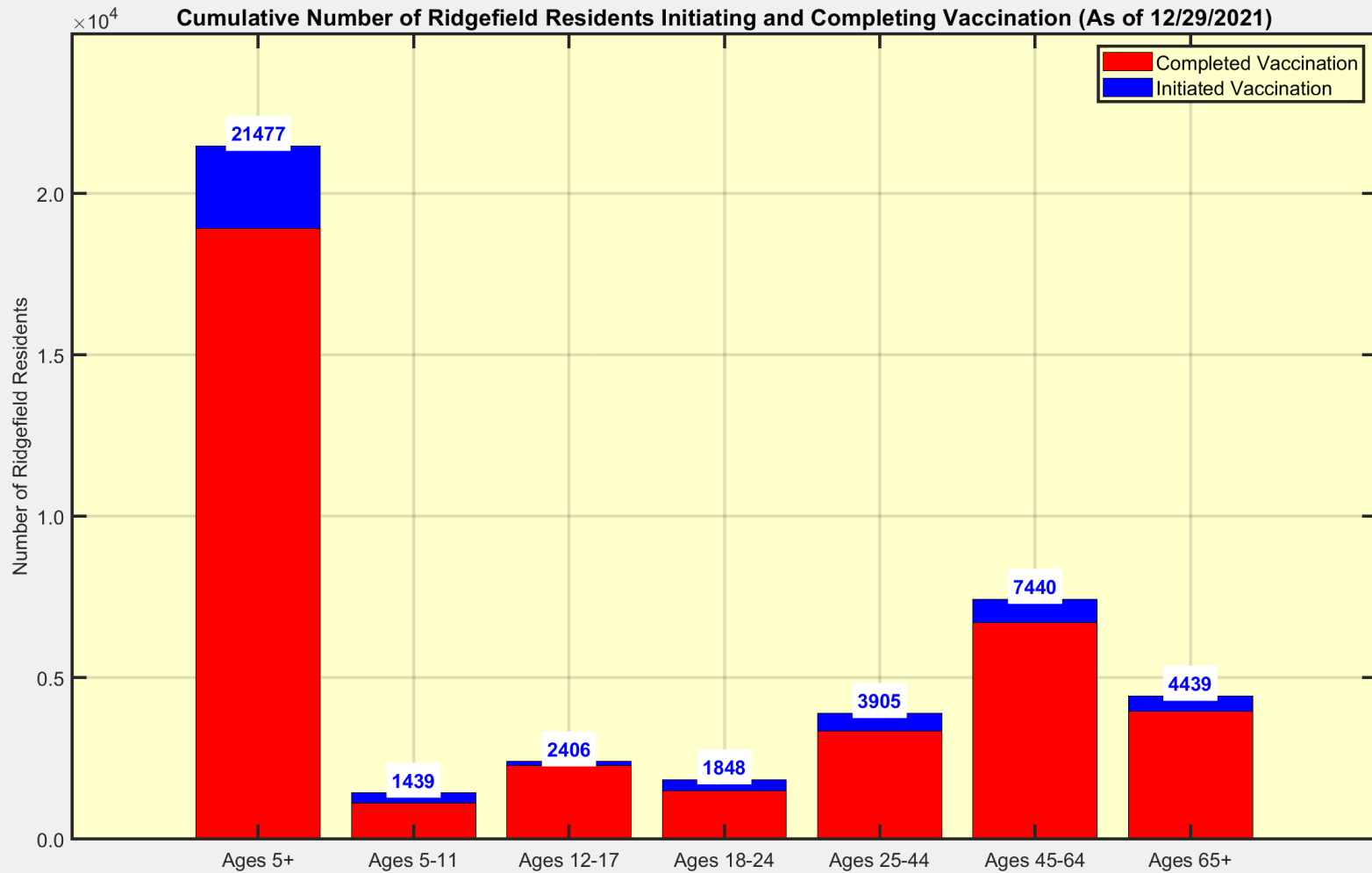
Data Source: <https://data.ct.gov>

Analysis: Rick Lawrence (Ridgefield COVID Task Force)



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# Latest Vaccination Numbers for Ridgefield Residents



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

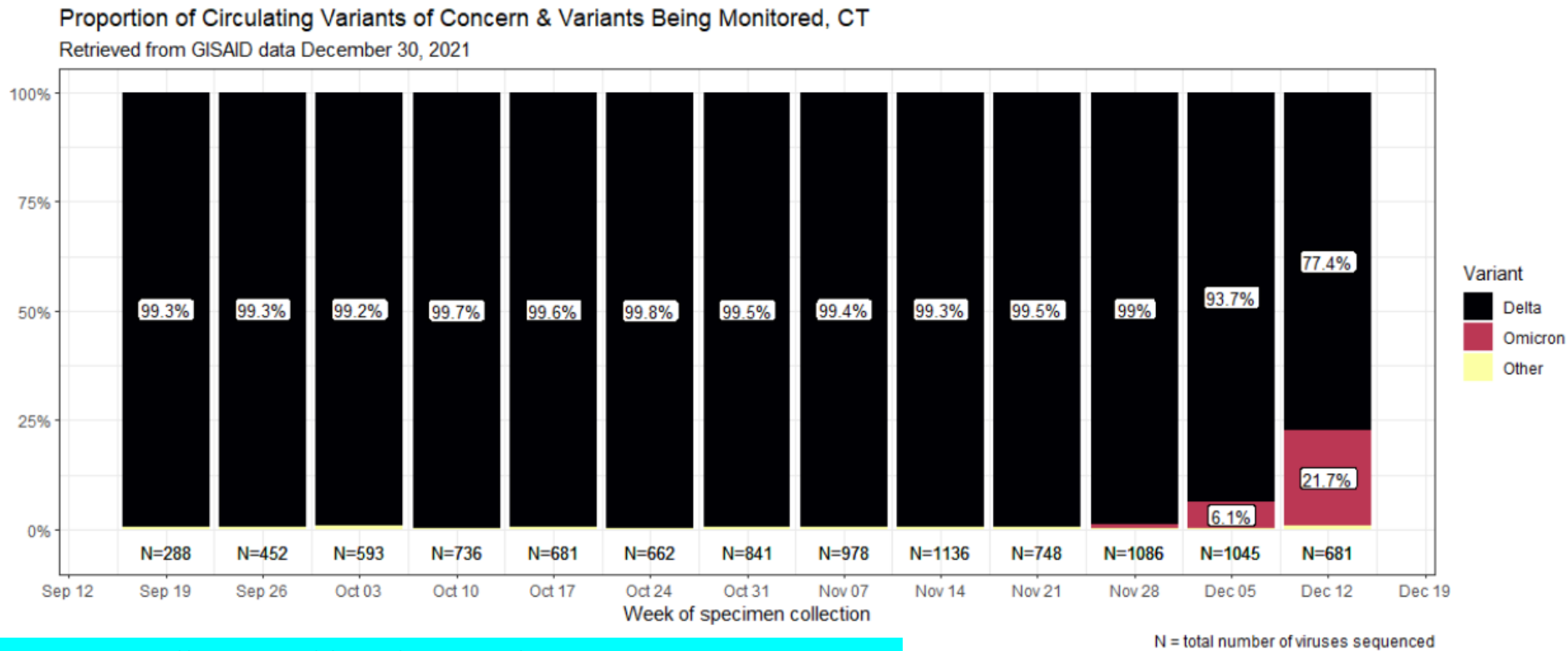
Analysis: Rick Lawrence (Ridgefield COVID Task Force)



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## Latest Data for Connecticut shows Omicron represents 21.7% of Sequenced Specimens

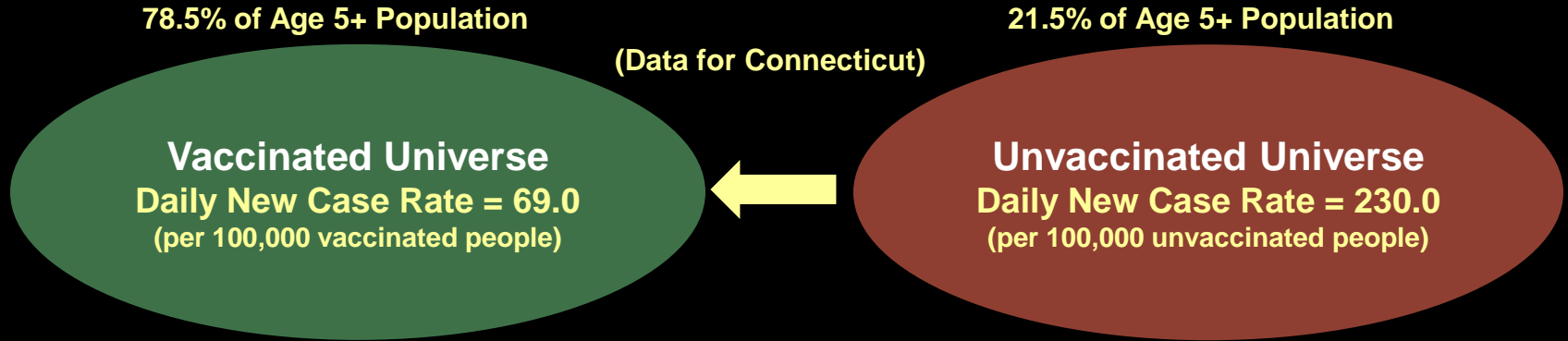
The plot below, based on data extracted from GISAID on 12/30/2021, shows the change in proportion of circulating variants of concern by week. Data include sequences from specimens with dates of collection from 3/2/2020–12/18/2021.



Data Source: <https://portal.ct.gov/-/media/Coronavirus/CTDPHCOVID19summary12232021.pdf>



## Breakthrough data confirms the significant impact of vaccination



**Relative to vaccinated people, unvaccinated people are**

- 3.3 times more likely to get COVID-19
- 12 times more likely to be hospitalized
- 33 times more likely to die from COVID-19

**Data Source:**

Connecticut Department of Public Health  
Week ending December 26, 2021

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

