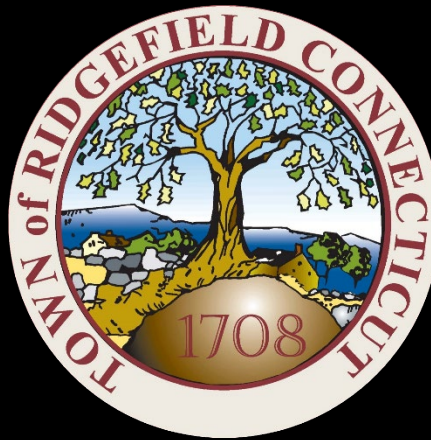


Ridgefield COVID Summary

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>

Wednesday, 12/29/2021

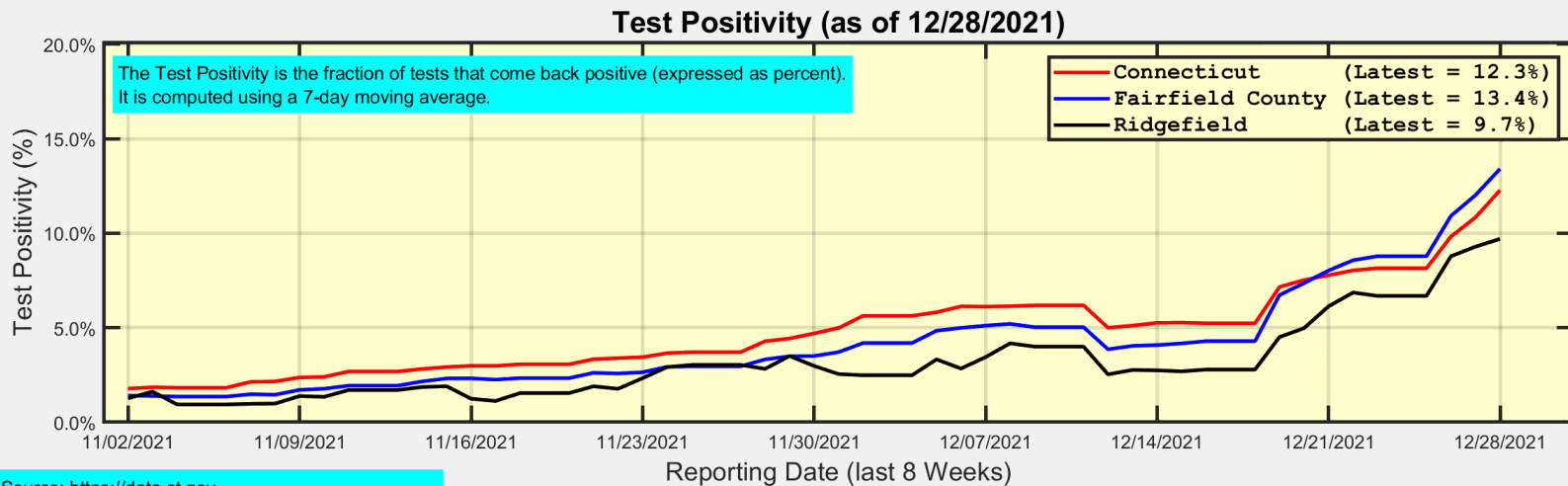
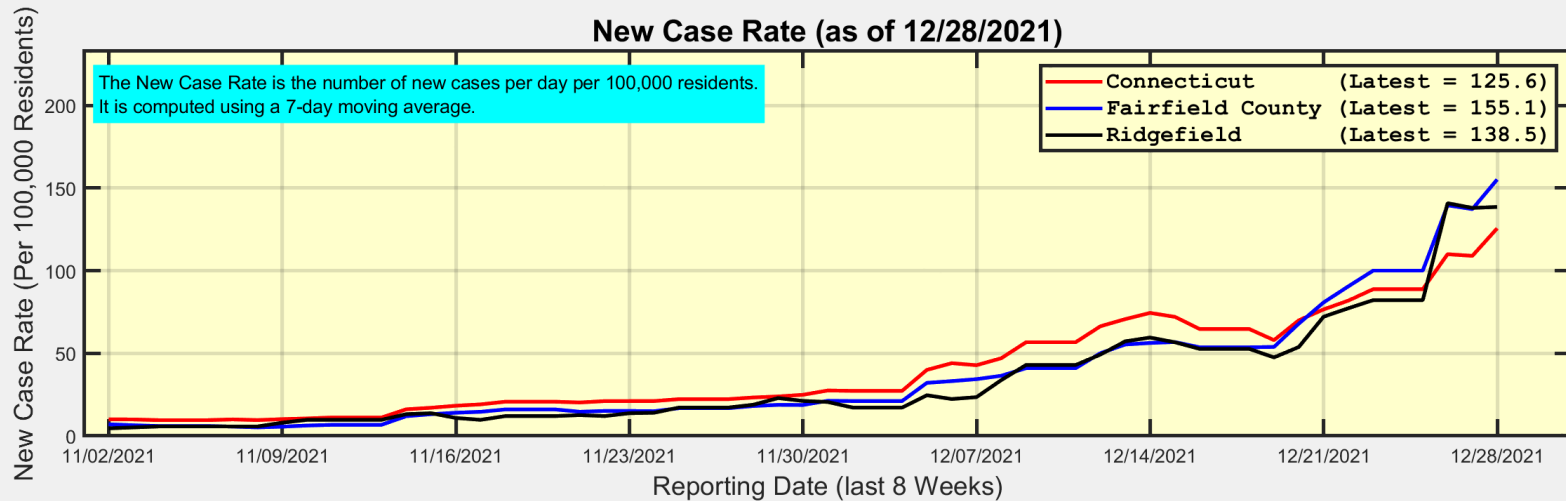
Ridgefield Summary

Ridgefield	Tuesday 12/28/2021	Monday 12/27/2021
Number of New Cases Reported	41	24
New Case Rate (per 100,000 Residents)	138.5	137.9
New Test Rate (per 100,000 Residents)	1427.5	1484.7
Test Positivity	9.7%	9.3%
Fairfield County	Tuesday 12/28/2021	Monday 12/27/2021
Number of New Cases Reported	2322	1397
New Case Rate (per 100,000 Residents)	155.1	137.2
New Test Rate (per 100,000 Residents)	1157.3	1141.9
Test Positivity	13.4%	12.0%
Currently Hospitalized	282	234

Data Source: <https://data.ct.gov>. This report reflects data reported to the State through Tuesday 12/28/2021.
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)

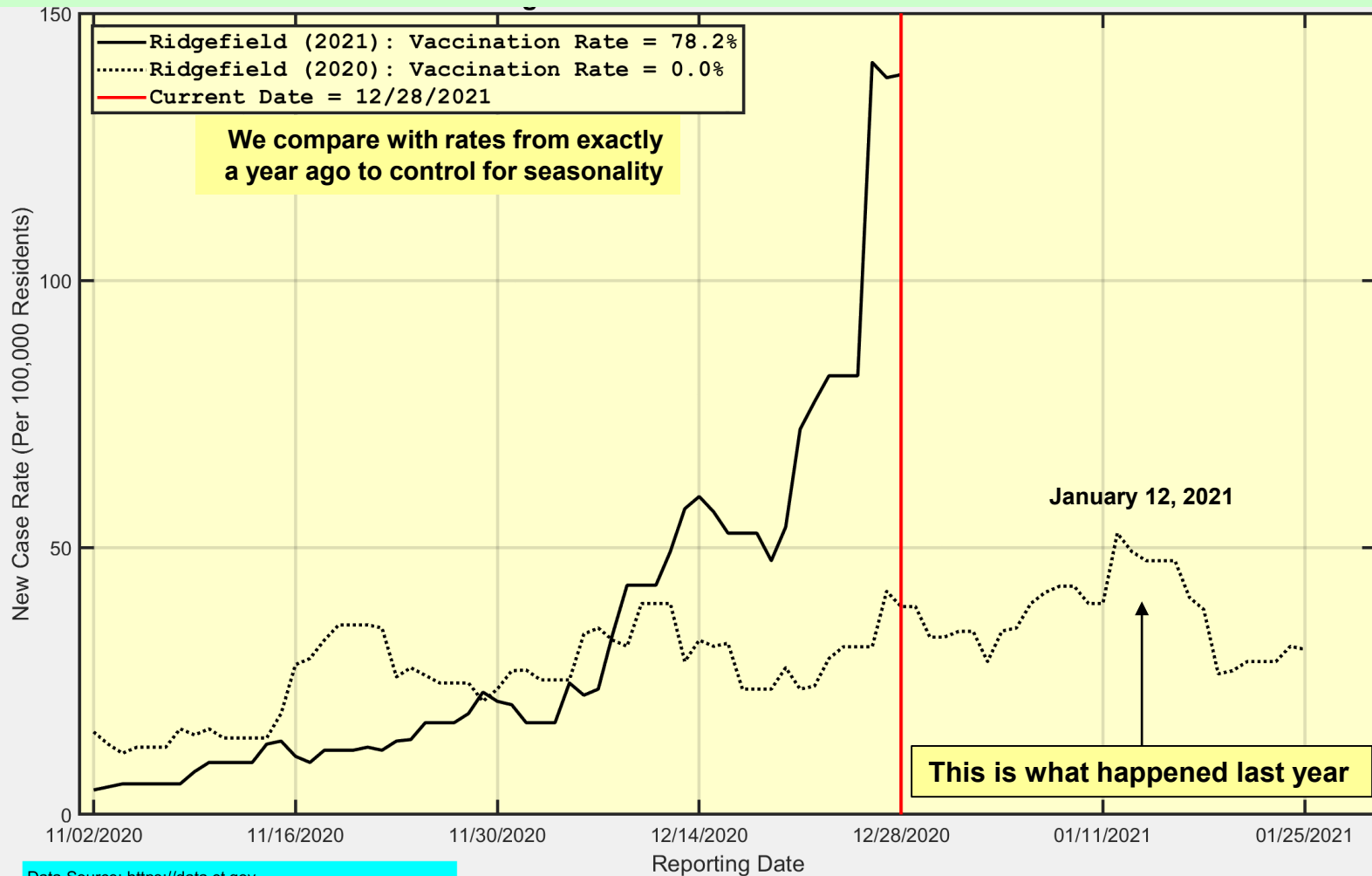


Ridgefield New Case Rates are HIGHER than one year ago (WHEN NO ONE WAS VACCINATED)

Connecticut DPH data has shown that over 90% of recent new cases are in the Ridgefield unvaccinated population.

Hence, the unvaccinated population is keeping Ridgefield New Case Rates at a level higher than a year ago.

One reason for the higher 2021 case rates is the higher transmissibility of Delta (& Omicron) relative to the 2020 variants.



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

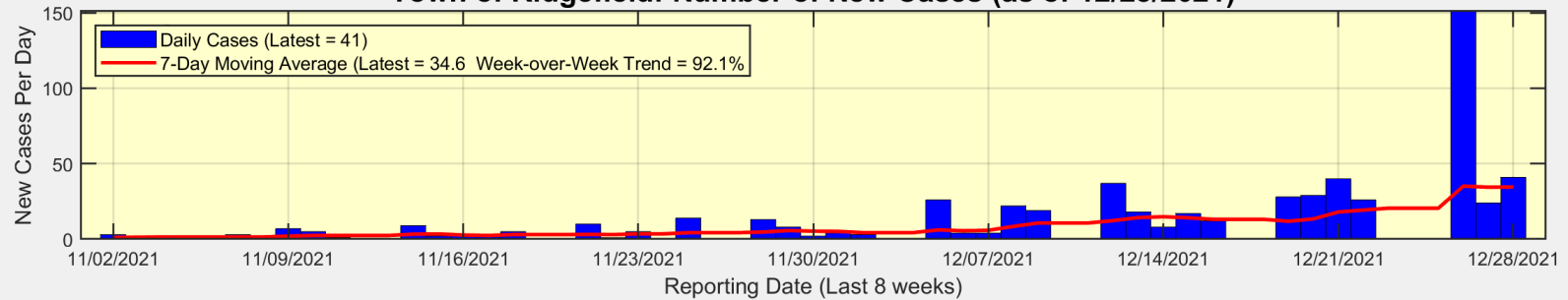
Analysis by Rick Lawrence (Ridgefield COVID Task Force)



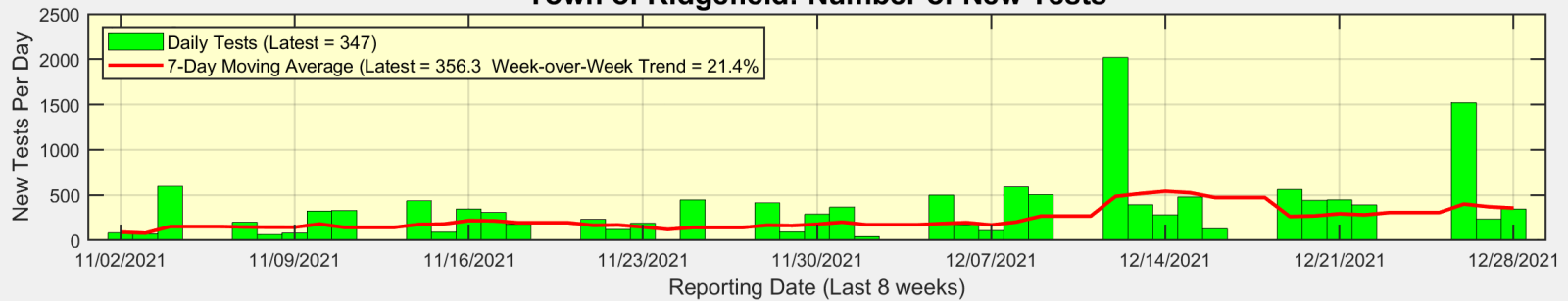
Ridgefield COVID-19 Task Force

New Cases, New Tests, and Test Positivity for Ridgefield

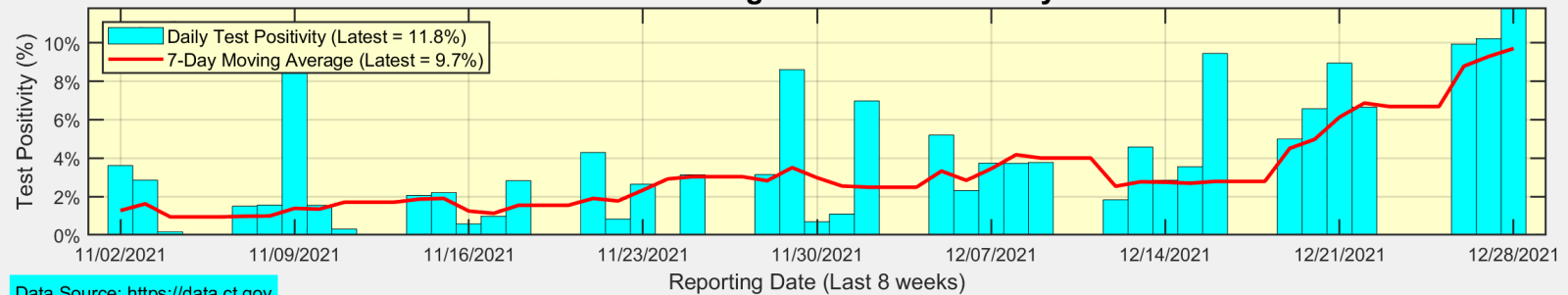
Town of Ridgefield: Number of New Cases (as of 12/28/2021)



Town of Ridgefield: Number of New Tests



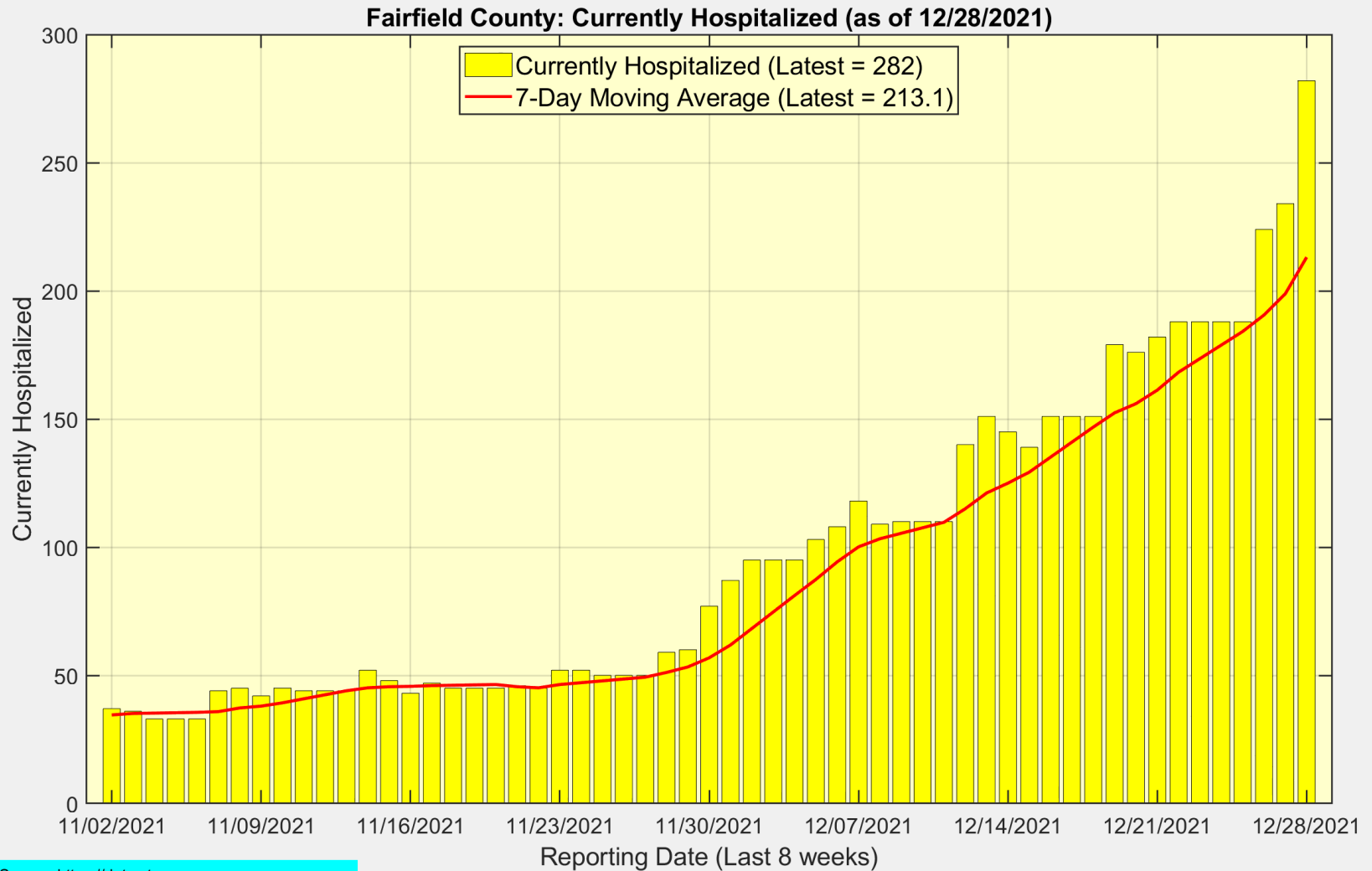
Town of Ridgefield: Test Positivity



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



Currently Hospitalized in Fairfield County

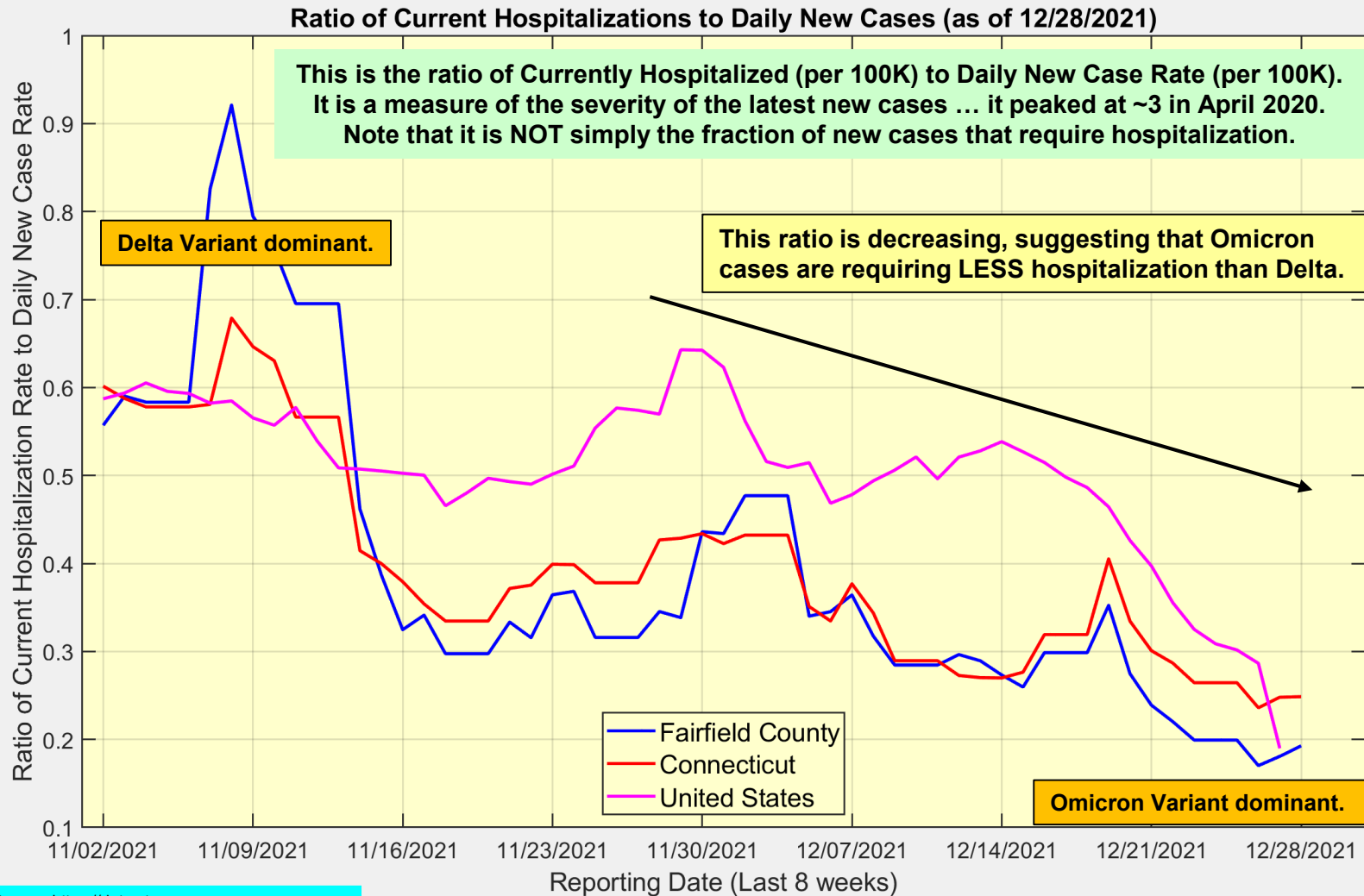


Data Source: <https://data.ct.gov>
Analysis: Rick Lawrence (Ridgefield COVID Task Force)



Ridgefield COVID-19 Task Force

Ratio of the Current Hospitalization Rate to Daily New Case Rate



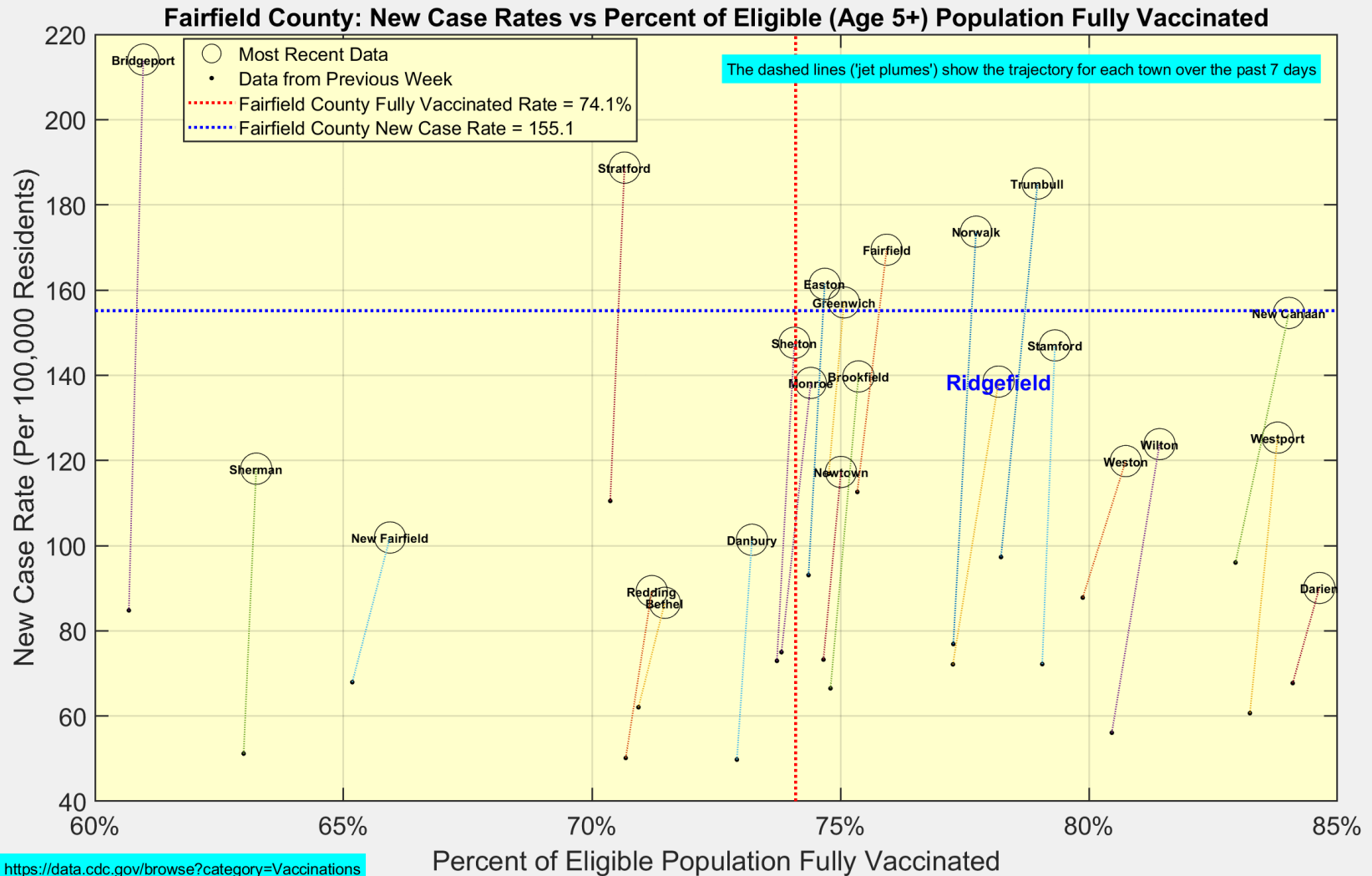
Data Source: <https://data.ct.gov>

Analysis: Rick Lawrence (Ridgefield COVID Task Force)



Ridgefield COVID-19 Task Force

New Case Rates vs Vaccination Rates for Towns in Fairfield County



Data Source: <https://data.cdc.gov/browse?category=Vaccinations>
Analysis: Rick Lawrence (Ridgefield COVID Task Force)



Ridgefield COVID-19 Task Force

Connecticut and US Vaccination Summary

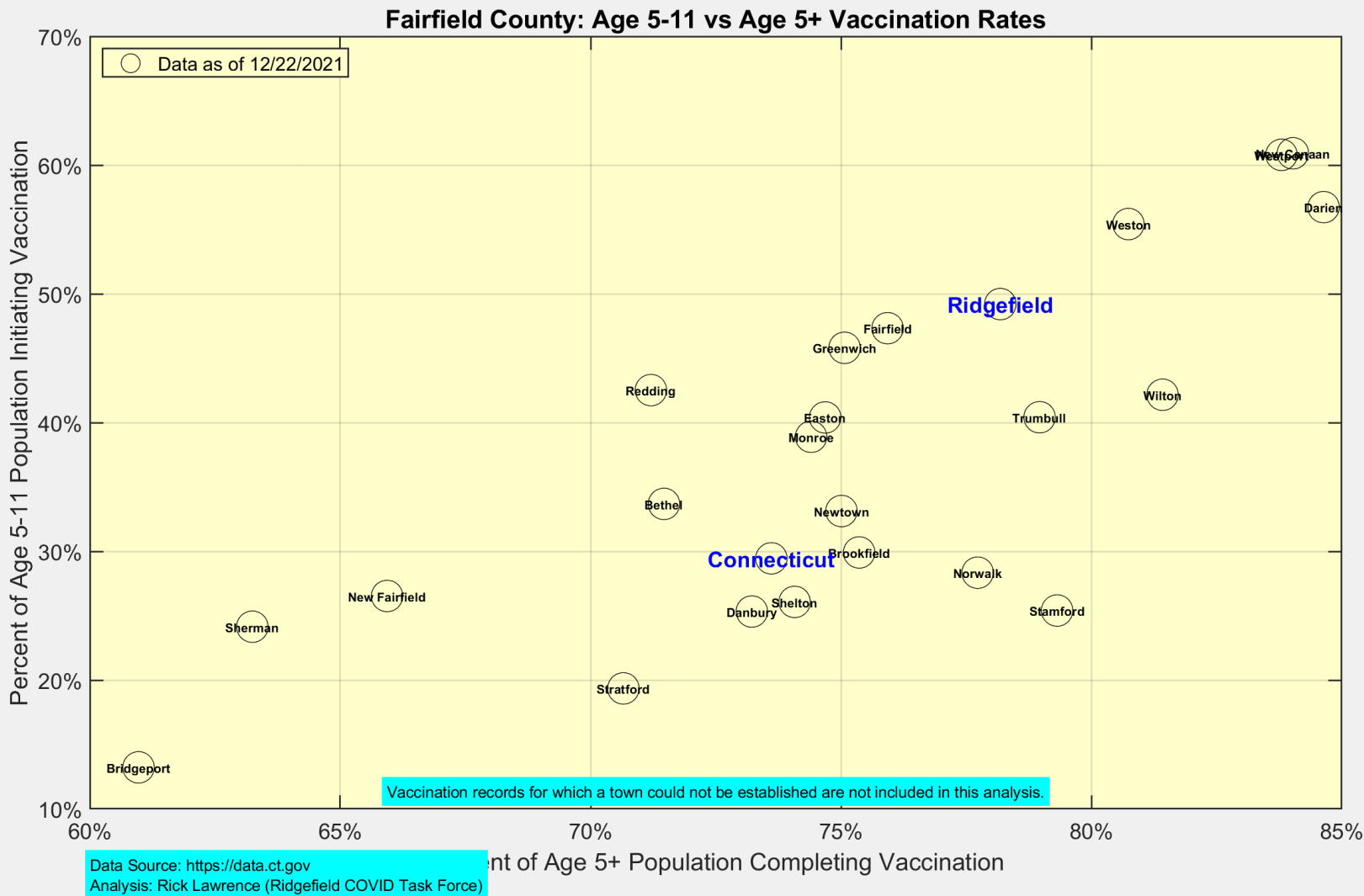
Connecticut (as of Wednesday December 29, 2021)	Cumulative	Daily
Doses Delivered	7,407,695	9,080
Doses Administered	6,614,064	15,985
Percent of Age 5+ Population Who Have Completed Vaccination	78.5%	
Connecticut Rank Among 50 States and DC	5	
Percent of Age 5+ Population Who Have Initiated Vaccination	93.1%	
Connecticut Rank Among 50 States and DC	7	

United States (as of Wednesday December 29, 2021)	Cumulative	Daily
Doses Delivered	614,262,265	746,674
Doses Administered	506,313,935	1,042,911
Percent of Age 5+ Population Who Have Completed Vaccination	65.9%	
Percent of Age 5+ Population Who Have Initiated Vaccination	77.9%	

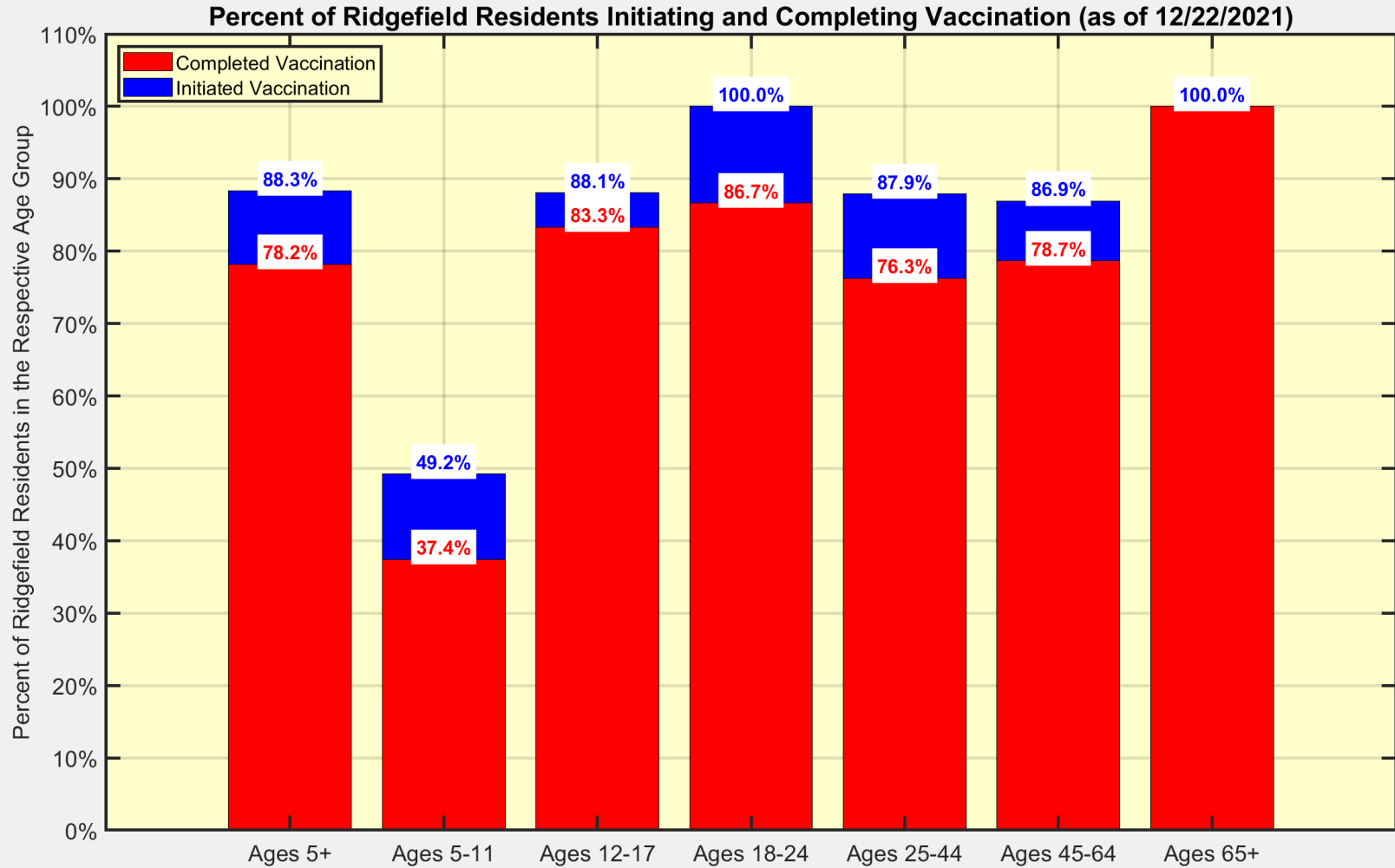
Data Source: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>.
The Daily numbers are the most recent 7-day moving averages.



Latest Vaccination Rates for Towns in Fairfield County



Latest Vaccination Rates for Ridgefield Residents



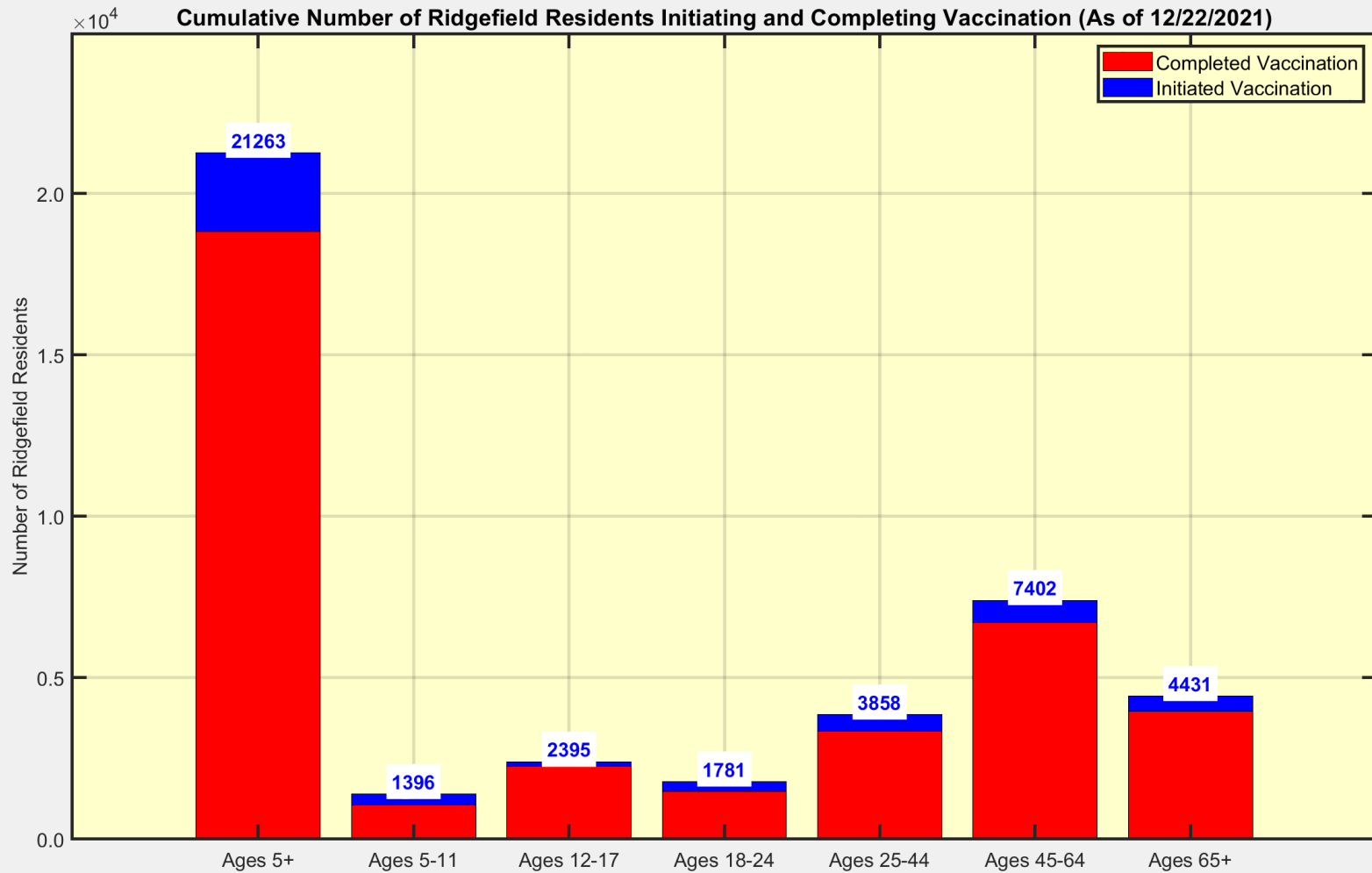
Data Source: <https://data.ct.gov>

Analysis: Rick Lawrence (Ridgefield COVID Task Force)



Ridgefield COVID-19 Task Force

Latest Vaccination Numbers for Ridgefield Residents



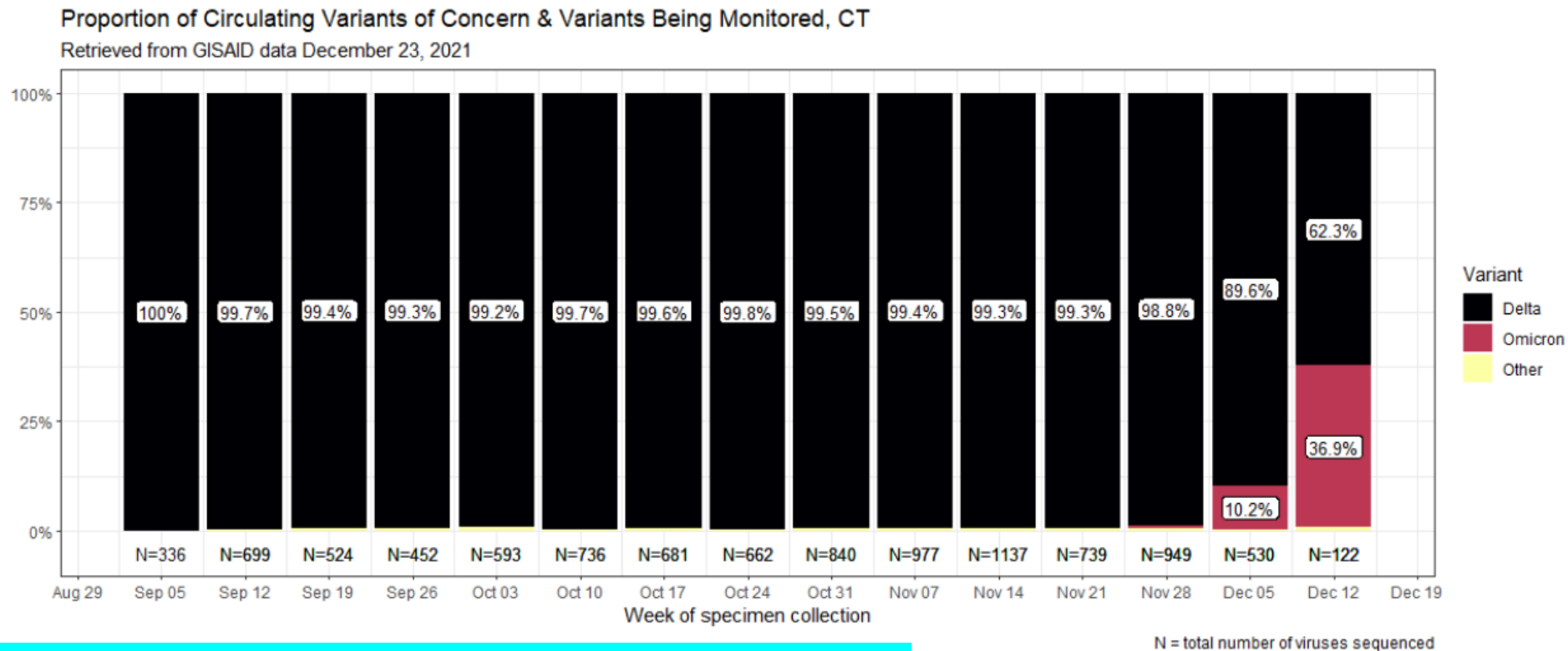
Data Source: <https://data.ct.gov>
Analysis: Rick Lawrence (Ridgefield COVID Task Force)



Ridgefield COVID-19 Task Force

Latest Data for Connecticut shows Omicron represents 36.9% of Sequenced Specimens

The plot below, based on data extracted from GISAID on 12/23/2021, shows the change in proportion of circulating variants of concern by week. Data include sequences from specimens with dates of collection from 3/2/2020–12/16/2021.



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



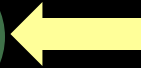
Breakthrough data confirms the significant impact of vaccination

77.3% of Age 5+ Population

(Data for Connecticut)

22.7% of Age 5+ Population

Vaccinated Universe
Daily New Case Rate = 36.1
(per 100,000 vaccinated people)



Unvaccinated Universe
Daily New Case Rate = 162.2
(per 100,000 unvaccinated people)

Relative to vaccinated people, unvaccinated people are

- 4.5 times more likely to get COVID-19
- 13 times more likely to be hospitalized
- 13 times more likely to die from COVID-19

Data Source:

Connecticut Department of Public Health
Week ending December 19, 2021

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



Ridgefield COVID-19 Task Force