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

<table>
<thead>
<tr>
<th></th>
<th>Wednesday 12/15/2021</th>
<th>Tuesday 12/14/2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of New Cases Reported</td>
<td>17</td>
<td>8</td>
</tr>
<tr>
<td>New Case Rate (per 100,000 Residents)</td>
<td>56.7</td>
<td>59.5</td>
</tr>
<tr>
<td>New Test Rate (per 100,000 Residents)</td>
<td>2104.6</td>
<td>2168.1</td>
</tr>
<tr>
<td>Test Positivity</td>
<td>2.7%</td>
<td>2.7%</td>
</tr>
</tbody>
</table>

### Fairfield County

<table>
<thead>
<tr>
<th></th>
<th>Wednesday 12/15/2021</th>
<th>Tuesday 12/14/2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of New Cases Reported</td>
<td>540</td>
<td>291</td>
</tr>
<tr>
<td>New Case Rate (per 100,000 Residents)</td>
<td>56.8</td>
<td>56.2</td>
</tr>
<tr>
<td>New Test Rate (per 100,000 Residents)</td>
<td>1362.0</td>
<td>1377.6</td>
</tr>
<tr>
<td>Test Positivity</td>
<td>4.2%</td>
<td>4.1%</td>
</tr>
<tr>
<td>Currently Hospitalized</td>
<td>139</td>
<td>145</td>
</tr>
</tbody>
</table>

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

New Case Rate (as of 12/15/2021)

The New Case Rate is the number of new cases per day per 100,000 residents. It is computed using a 7-day moving average.

Connecticut: (Latest = 72.0)
Fairfield County: (Latest = 56.8)
Ridgefield: (Latest = 56.7)

Test Positivity (as of 12/15/2021)

The Test Positivity is the fraction of tests that come back positive (expressed as percent). It is computed using a 7-day moving average.

Connecticut: (Latest = 5.3%)
Fairfield County: (Latest = 4.2%)
Ridgefield: (Latest = 2.7%)

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)

- Daily Cases (Latest = 17)
- 7-Day Moving Average (Latest = 14.1) Week-over-Week Trend = 67.8%

Town of Ridgefield: Number of New Tests

- Daily Tests (Latest = 479)
- 7-Day Moving Average (Latest = 525.3) Week-over-Week Trend = 160.2%

Town of Ridgefield: Test Positivity

- Daily Test Positivity (Latest = 3.5%)
- 7-Day Moving Average (Latest = 2.7%)

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

Ridgefield COVID-19 Task Force
Currently Hospitalized in Fairfield County

Fairfield County: Currently Hospitalized (as of 12/15/2021)

- Currently Hospitalized (Latest = 139)
- 7-Day Moving Average (Latest = 129.3)

Data Source: https://data.ct.gov
Analysis: Rick Lawrence (Ridgefield COVID Task Force)
## Connecticut and US Vaccination Summary

### Connecticut (as of Tuesday December 14, 2021)

<table>
<thead>
<tr>
<th></th>
<th>Cumulative</th>
<th>Daily</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doses Delivered</td>
<td>7,159,245</td>
<td>31,947</td>
</tr>
<tr>
<td>Doses Administered</td>
<td>6,328,957</td>
<td>24,778</td>
</tr>
<tr>
<td>Percent of Age 5+ Population Who Have Completed Vaccination</td>
<td>77.6%</td>
<td></td>
</tr>
<tr>
<td>Connecticut Rank Among 50 States and DC</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Percent of Age 5+ Population Who Have Initiated Vaccination</td>
<td>90.9%</td>
<td></td>
</tr>
<tr>
<td>Connecticut Rank Among 50 States and DC</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

### United States (as of Tuesday December 14, 2021)

<table>
<thead>
<tr>
<th></th>
<th>Cumulative</th>
<th>Daily</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doses Delivered</td>
<td>597,270,245</td>
<td>2,173,257</td>
</tr>
<tr>
<td>Doses Administered</td>
<td>486,574,475</td>
<td>1,904,464</td>
</tr>
<tr>
<td>Percent of Age 5+ Population Who Have Completed Vaccination</td>
<td>64.8%</td>
<td></td>
</tr>
<tr>
<td>Percent of Age 5+ Population Who Have Initiated Vaccination</td>
<td>76.7%</td>
<td></td>
</tr>
</tbody>
</table>

New Case Rates vs Vaccination Rates for Towns in Fairfield County

Fairfield County: New Case Rates vs Percent of Eligible (Age 5+) Population Fully Vaccinated

- Most Recent Data
- Data from Previous Week
- Fairfield County Fully Vaccinated Rate = 73.7%
- Fairfield County New Case Rate = 56.8%

The dashed lines ('jet plumes') show the trajectory for each town over the past 7 days.

Data Source: https://data.cdc.gov/browse?category=Vaccinations
Analysis: Rick Lawrence (Ridgefield COVID Task Force)
Latest Vaccination Rates for Towns in Fairfield County

Data Source: https://data.ct.gov
Analysis: Rick Lawrence (Ridgefield COVID Task Force)
Latest Vaccination Rates for Ridgefield Residents

Percent of Ridgefield Residents Initiating andCompleting Vaccination (as of 12/15/2021)

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Completed Vaccination</th>
<th>Initiated Vaccination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ages 5+</td>
<td>87.2%</td>
<td>77.3%</td>
</tr>
<tr>
<td>Ages 5-11</td>
<td>87.9%</td>
<td>83.2%</td>
</tr>
<tr>
<td>Ages 12-17</td>
<td>86.4%</td>
<td>76.2%</td>
</tr>
<tr>
<td>Ages 18-24</td>
<td>86.9%</td>
<td>78.7%</td>
</tr>
<tr>
<td>Ages 25-44</td>
<td>86.4%</td>
<td></td>
</tr>
<tr>
<td>Ages 45-64</td>
<td>100.0%</td>
<td></td>
</tr>
<tr>
<td>Ages 65+</td>
<td>100.0%</td>
<td></td>
</tr>
</tbody>
</table>

Data Source: https://data.ct.gov
Analysis: Rick Lawrence (Ridgefield COVID Task Force)
Latest Vaccination Numbers for Ridgefield Residents

Cumulative Number of Ridgefield Residents Initiating and Completing Vaccination (As of 12/15/2021)

- Ages 5+ completed: 20,996
- Ages 5-11 initiated: 1,295
- Ages 12-17 initiated: 2,390
- Ages 18-24 initiated: 1,727
- Ages 25-44 completed: 3,813
- Ages 45-64 completed: 7,361
- Ages 65+ completed: 4,410

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

This is what happened last year.
Breakthrough data confirms the significant impact of vaccination

**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

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

(Data for Connecticut)

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

**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
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

N = total number of viruses sequenced