



# Monitoring & Protecting Our Progress

Most Current 7 Days: 04/16/2021–04/22/2021

Published: 04/23/2021

## Introduction

The data provided below are used to monitor COVID-19 in Chester County and Delaware County. Data is updated once a week. All data, including historical data, is updated each time this report is published as additional data that becomes available through reporting and case investigations.

## Cumulative Incidence Rate per 100,000

Cumulative incidence rate is a public health measure that summarizes the number of new COVID-19 cases. The lower the incidence rate, the lower the number of new cases. This measure is calculated by dividing the total number of confirmed<sup>1</sup> cases by the population<sup>2</sup> for a specific time period, and is expressed as a rate per 100,000 people. The rate is calculated for 7-day periods beginning with the most current week as Week 1 and looking back three weeks in the tables below.

### Chester County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	777	148.00	<a href="#">Local Incidence Rates</a>
Week 2	924	176.00	
Week 3	895	170.48	
Week 4	983	187.24	
Weeks 1-4 Average	894.75	170.43	

### Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	1,148	202.56	<a href="#">Local Incidence Rates</a>
Week 2	1,276	225.14	
Week 3	1,102	194.44	
Week 4	1,118	197.27	
Weeks 1-4 Average	1,161.00	204.85	

<sup>1</sup> Confirmed cases are those confirmed through a laboratory test.

<sup>2</sup> Chester County Population = 524,989 | Delaware County Population = 566,747

## Percent Positivity

Percent positivity is a public health measure that shows the percentage of all PCR COVID-19 tests performed that are positive. This measure is calculated by dividing the total number of positive PCR tests by the total number of all PCR tests (positives + negatives) for a specific time period, and is expressed as a percent. If individuals are tested multiple times, each test result is counted. The percent is calculated for 7 day periods beginning with the most current week as Week 1 and looking back three weeks in the tables below.



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7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	894	12,378	7.22%
Week 2	1,045	11,951	8.74%
Week 3	1,014	12,713	7.98%
Week 4	1,058	11,704	9.04%
Total for All Weeks	4,011	48,746	8.23%

## Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	1,360	15,795	8.61%
Week 2	1,404	15,621	8.99%
Week 3	1,228	14,659	8.38%
Week 4	1,197	13,950	8.58%
Total for All Weeks	5,189	60,025	8.64%

## Recommendations

COVID-19 spreads mainly through close contact from person to person, including between people who are physically near each other (within about 6 feet). People who are infected but do not show symptoms can also spread the virus to others. How easily a virus spreads from person to person can vary. Incidence rates and percent positivity are impacted by the activities individuals engage in that increase exposure risks. Individuals are encouraged to reduce their exposure risks by avoiding group activities, remaining home when not feeling well, and wearing a mask at all times. Over the past 7 days, the most common types of activities reported to the Chester County Health Department by individuals with COVID-19 included:

Chester County	Delaware County
<ul style="list-style-type: none"> <li>• Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease</li> <li>• Attend Or Work In Person At A School (Pre-K To 12th Grade)</li> <li>• Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)</li> <li>• Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)</li> <li>• Member Of A Cluster Of Persons Under</li> </ul>	<ul style="list-style-type: none"> <li>• Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease</li> <li>• Attend Or Work In Person At A School (Pre-K To 12th Grade)</li> <li>• Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)</li> <li>• Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)</li> <li>• Worked At, Visited, Or Stayed In A Healthcare</li> </ul>



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<ul style="list-style-type: none"> <li>Investigation For 2019-Ncov</li> <li>• Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)</li> <li>• Travel Within The US Or Canada, Outside Of Pennsylvania</li> <li>• Attend Or Work In Person At A Child- Or Daycare</li> <li>• Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)</li> <li>• Attend Or Work In Person At College Or University</li> <li>• Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)</li> <li>• Incarcerated Or Employed At Prison / Jail</li> <li>• Tested For COVID-19 Because The COVID Alert Pa App Alerted Them Of An Exposure To A Person Who Was Diagnosed With COVID-19</li> <li>• Travel Outside Of The US Or Canada</li> </ul>	<ul style="list-style-type: none"> <li>Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)</li> <li>• Member Of A Cluster Of Persons Under Investigation For 2019-Ncov</li> <li>• Travel Within The US Or Canada, Outside Of Pennsylvania</li> <li>• Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)</li> <li>• Attend Or Work In Person At College Or University</li> <li>• Experience Homelessness</li> <li>• Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)</li> <li>• Attend Or Work In Person At A Child- Or Daycare</li> <li>• Incarcerated Or Employed At Prison / Jail</li> <li>• Tested For COVID-19 Because The COVID Alert Pa App Alerted Them Of An Exposure To A Person Who Was Diagnosed With COVID-19</li> </ul>

**Caution:** The information above cannot be used to identify definitive sources of contracting COVID-19 as individuals may report engaging in more than one activity.

**Note:** Specific percents are no longer reported for exposure activities due to misinterpretation and misuse of the data.