



# Monitoring & Protecting Our Progress

Most Current 7 Days: 01/01/2021–01/07/2021

Published: 01/08/2021

## Introduction

Beginning June 26, 2020, Chester County and Delaware County advanced to the “Green” phase of Governor Wolf’s reopening plan. The data provided below are used to monitor COVID-19 during the “Green” phase.

**Note:** This report has been updated to better display historical data for trends. 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 laboratory reporting and case investigations. This report no longer contains contact tracing information as this strategy has been temporarily discontinued.

## 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)	1,413	270.67	<a href="#">Local Incidence Rates</a>
Week 2	1265	242.32	
Week 3	1483	284.07	
Week 4	1913	366.44	
Weeks 1-4 Average	1,518.50	290.87	

### Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	1483	262.59	<a href="#">Local Incidence Rates</a>
Week 2	1542	273.04	
Week 3	1730	306.33	
Week 4	1787	316.42	
Weeks 1-4 Average	1,635.50	289.60	

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

<sup>2</sup> Chester County Population = 522,046 | Delaware County Population = 564,751



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## 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.

### Chester County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	1,564	14,043	11.14%
Week 2	1,432	12,547	11.41%
Week 3	1,668	15,050	11.08%
Week 4	2,058	17,474	11.78%
Total for All Weeks	6,722	59,114	11.37%

### Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	1,648	14,278	11.54%
Week 2	1,737	13,631	12.74%
Week 3	1,922	15,923	12.07%
Week 4	1,995	16,812	11.87%
Total for All Weeks	7,302	60,644	12.04%

## 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>• Worked At, Visited, Or Stayed In A Healthcare</li> </ul>	<ul style="list-style-type: none"> <li>• Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease</li> <li>• Worked At, Visited, Or Stayed In A Healthcare</li> </ul>

Data source: Chester County Health Department; data is updated weekly on Fridays.



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<p>Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)</p> <ul style="list-style-type: none"> <li>• Attend Or Work At A School (Pre-K To 12th Grade)</li> <li>• Member Of A Cluster Of Persons Under Investigation For 2019-Ncov</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>• Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)</li> <li>• Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)</li> <li>• Travel Within The US Or Canada, Outside Of Pennsylvania</li> <li>• Attend Or Work At A Child- Or Daycare</li> <li>• Attend Or Work At College Or University</li> <li>• Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)</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>	<p>Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)</p> <ul style="list-style-type: none"> <li>• Attend Or Work At A School (Pre-K To 12th Grade)</li> <li>• Member Of A Cluster Of Persons Under Investigation For 2019-Ncov</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>• Travel Within The US Or Canada, Outside Of Pennsylvania</li> <li>• Attend Or Work At A Child- Or Daycare</li> <li>• Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)</li> <li>• Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)</li> <li>• Attend Or Work At College Or University</li> <li>• Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)</li> <li>• Travel Outside Of The US Or Canada</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.