



# Monitoring & Protecting Our Progress

Most Current 7 Days: 11/27/2020–12/03/2020

Published: 12/04/2020

## 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 strategies 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)	1,459	279.48	<a href="#">Local Incidence Rates</a>
Week 2	1170	224.12	
Week 3	1041	199.41	
Week 4	741	141.94	
Weeks 1-4 Average	1,102.75	211.24	

### Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	1792	317.31	<a href="#">Local Incidence Rates</a>
Week 2	1604	284.02	
Week 3	1758	311.29	
Week 4	1327	234.97	
Weeks 1-4 Average	1,620.25	286.90	

<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)	1,580	15,527	10.18%
Week 2	1,268	16,196	7.83%
Week 3	1,116	13,171	8.47%
Week 4	793	11,539	6.87%
Total for All Weeks	4,757	56,433	8.43%

### Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	1,955	15,453	12.65%
Week 2	1,719	16,798	10.23%
Week 3	1,865	17,858	10.44%
Week 4	1,414	15,132	9.34%
Total for All Weeks	6,953	65,241	10.66%

## 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>Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert,</li> </ul>	<ul style="list-style-type: none"> <li>Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert,</li> </ul>



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<p>Party, Sporting Event, Contact Sport, Religious Gathering, etc.)</p> <ul style="list-style-type: none"> <li>• Attend Or Work At A School (Pre-K To 12th Grade)</li> <li>• Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease</li> <li>• Member Of A Cluster Of Persons Under Investigation For 2019-Ncov</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 Setting</li> </ul>	<p>Party, Sporting Event, Contact Sport, Religious Gathering, etc.)</p> <ul style="list-style-type: none"> <li>• Attend Or Work At A Child- Or Daycare</li> <li>• Attend Or Work At A School (Pre-K To 12th Grade)</li> <li>• Attend Or Work At College Or University</li> <li>• Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease</li> <li>• Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)</li> <li>• Member Of A Cluster Of Persons Under Investigation For 2019-Ncov</li> <li>• Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)</li> <li>• Travel Outside Of The US Or Canada</li> <li>• Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)</li> <li>• Travel Within The US Or Canada, Outside Of Pennsylvania</li> <li>• Worked At, Visited, Or Stayed In A Healthcare Setting</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.