



# Monitoring & Protecting Our Progress

Most Current 7 Days: 11/06/2020–11/12/2020

Published: 11/13/2020

## 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.

## 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)	737	141.18	<a href="#">Local Incidence Rates</a>
Week 2	448	85.82	
Week 3	343	65.70	
Week 4	251	48.08	
Weeks 1-4 Average	444.75	85.19	

### Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	1314	232.67	<a href="#">Local Incidence Rates</a>
Week 2	848	150.15	
Week 3	757	134.04	
Week 4	524	92.78	
Weeks 1-4 Average	860.75	152.41	

<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



# Monitoring & Protecting Our Progress

Most Current 7 Days: 11/06/2020–11/12/2020

Published: 11/13/2020

## 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)	793	11,468	6.91%
Week 2	487	10,217	4.77%
Week 3	380	8,952	4.24%
Week 4	290	8,781	3.30%
Total for All Weeks	1,950	39,418	4.95%

### Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	1,406	14,990	9.38%
Week 2	905	14,112	6.41%
Week 3	828	12,284	6.74%
Week 4	571	12,171	4.69%
Total for All Weeks	3,710	53,557	6.93%

## Contact Tracing

Contact tracing is a public health strategy that identifies who has been in close contact to individuals with COVID-19. Identifying close contacts is important so contacts understand their risk for getting and spreading COVID-19. Close contacts are also provided guidance on next steps and how to quarantine. When close contacts quarantine it helps stop the transmission of COVID-19. The information provided below is for the most current 7 days.

	Chester County	Delaware County
Number of Trained Contact Tracers	72	
Number of Individuals Currently Being Monitoring in Quarantine	308	264
Number of Individuals Who Have Completed Quarantine Monitoring	557	822
<b>Total</b>	<b>865</b>	<b>1086</b>



# Monitoring & Protecting Our Progress

Most Current 7 Days: 11/06/2020–11/12/2020

Published: 11/13/2020

--	--	--

## Exposure Risks

Exposure risks are those risks that have likely resulted in an individual being exposed to COVID-19. Exposure risks are gathered through Chester County Health Department’s COVID-19 investigations of individuals who are confirmed and probable COVID-19 cases and their close contacts. Below are the most common exposure risks communicated for the most current 7 days by individuals exposed to COVID-19. If individuals identify more than one risk, each is counted.

### Chester County

Exposure Risks For Past 7 Days	Risk Count	Percent of All Individuals Exposed
Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease	68	76.40%
Attend Or Work At A School (Pre-K To 12th Grade)	27	30.34%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	18	20.22%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	17	19.10%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	12	13.48%
Travel Within The Us Or Canada, Outside Of Pennsylvania	5	5.62%
Attend Or Work At College Or University	4	4.49%
Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	3	3.37%
Attend Or Work At A Child- Or Daycare	3	3.37%
Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)	2	2.25%
Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)	2	2.25%

### Delaware County

Exposure Risks For Past 7 Days	Risk Count	Percent of All Individuals Exposed
Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease	54	70.13%
Attend Or Work At A School (Pre-K To 12th Grade)	26	33.77%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	26	33.77%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	3	3.90%
Attend Or Participate In A Mass Gathering Or Other Event e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	12	15.58%
Travel Within The Us Or Canada, Outside Of Pennsylvania	3	3.90%
Attend Or Work At College Or University	2	2.60%



# Monitoring & Protecting Our Progress

Most Current 7 Days: 11/06/2020–11/12/2020

Published: 11/13/2020

Exposure Risks For Past 7 Days	Risk Count	Percent of All Individuals Exposed
Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	2	2.60%
Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)	2	2.60%
Patient Was Incarcerated Or Employed At Prison / Jail	1	1.30%
Patient Spend Time Around Homeless Shelters Or Areas	1	1.30%

Note: In addition to exposure risks, the most common pre-existing conditions reported during investigations include diabetes, hypertension and obesity. Pre-existing conditions may put individuals at an increased risk for severe illness.