



# Monitoring & Protecting Our Progress

Most Current 7 Days: 10/30/2020–11/05/2020

Published: 11/06/2020

## 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)	444	85.05	<a href="#">Local Incidence Rates</a>
Week 2	344	65.89	
Week 3	249	47.70	
Week 4	270	51.72	
Weeks 1-4 Average	326.75	62.59	

### Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	843	149.27	<a href="#">Local Incidence Rates</a>
Week 2	755	133.69	
Week 3	525	92.96	
Week 4	435	77.03	
Weeks 1-4 Average	639.50	113.24	

<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: 10/30/2020–11/05/2020

Published: 11/06/2020

## 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)	485	10,110	4.80%
Week 2	381	8,948	4.26%
Week 3	288	8,770	3.28%
Week 4	285	9,455	3.01%
Total for All Weeks	1,439	37,283	3.86%

### Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	904	13,971	6.47%
Week 2	826	12,281	6.73%
Week 3	572	12,176	4.70%
Week 4	475	12,312	3.86%
Total for All Weeks	2,777	50,740	5.47%

## 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	70	
Number of Individuals Currently Being Monitoring in Quarantine	311	291
Number of Individuals Who Have Completed Quarantine Monitoring	522	831
<b>Total</b>	<b>833</b>	<b>1122</b>



# Monitoring & Protecting Our Progress

Most Current 7 Days: 10/30/2020–11/05/2020

Published: 11/06/2020

## 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	66	67.35%
Attend Or Work At A School (Pre-K To 12th Grade)	35	35.71%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g. Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	27	27.55%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	23	23.47%
Spend Time At Any Business Establishments (e.g. Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	15	15.31%
Travel Within The Us Or Canada, Outside Of Pennsylvania	14	14.29%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	6	6.12%
Attend Or Work At College Or University	4	4.08%
Live In Or Had Exposure To A Drug Or Alcohol Treatment Facility	2	2.04%
Attend Or Work At A Child- Or Daycare	1	1.02%

### 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	74	69.81%
Attend Or Work At A School (Pre-K To 12th Grade)	26	24.53%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g. Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	21	19.81%
Spend Time At Any Business Establishments (e.g. Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	20	18.87%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	18	16.98%
Travel Within The Us Or Canada, Outside Of Pennsylvania	6	5.66%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	3	2.83%
Attend Or Work At College Or University	3	2.83%
Travel Via Mass Transit (e.g. Airplane, Bus, Train, Ride Share, etc.)	3	2.83%



# Monitoring & Protecting Our Progress

Most Current 7 Days: 10/30/2020–11/05/2020

Published: 11/06/2020

Exposure Risks For Past 7 Days	Risk Count	Percent of All Individuals Exposed
Attend Or Work At A Child- Or Daycare	1	0.94%
Patient Was Incarcerated Or Employed At Prison / Jail	1	0.94%
Alerted By The Covid Alert Phone App That They Were Exposed To A Person Diagnosed With Covid-19	1	0.94%

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.