



# Monitoring & Protecting Our Progress

Most Current 7 Days: 10/23/2020–10/29/2020

Published: 10/30/2020

## 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)	344	65.89	<a href="#">Public School District Incidence Rates</a>
Week 2	250	47.89	
Week 3	269	51.53	
Week 4	241	46.16	
Weeks 1-4 Average	276.00	52.87	

### Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	758	134.22	<a href="#">Public School District Incidence Rates</a>
Week 2	526	93.14	
Week 3	430	76.14	
Week 4	313	55.42	
Weeks 1-4 Average	506.75	89.73	

<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)	384	8,922	4.30%
Week 2	288	8,757	3.29%
Week 3	285	9,438	3.02%
Week 4	273	8,827	3.09%
Total for All Weeks	1,230	35,944	3.42%

### Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	826	12,225	6.76%
Week 2	569	12,186	4.67%
Week 3	474	12,310	3.85%
Week 4	344	11,224	3.06%
Total for All Weeks	2,213	47,945	4.62%

## 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	246	428
Number of Individuals Who Have Completed Quarantine Monitoring	534	630
<b>Total</b>	<b>780</b>	<b>1058</b>



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## 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	50	66.67%
Attend Or Work At A School (Pre-K To 12th Grade)	23	30.67%
Travel Within The US Or Canada, Outside Of Pennsylvania	20	26.67%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	14	18.67%
Spend Time At Any Business Establishments (e.g Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	11	14.67%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g. Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	10	13.33%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	7	9.33%
Travel Via Mass Transit (e.g. Airplane, Bus, Train, Ride Share, etc.)	3	4.00%
Attend Or Work At A Child- Or Daycare	1	1.33%
Patient Was Incarcerated Or Employed At Prison / Jail	1	1.33%

### 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	73	66.97%
Attend Or Work At A School (Pre-K To 12th Grade)	49	44.95%
Worked At, Visited, Or Stayed In A Healthcare Setting e.g. Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	24	22.02%
Spend Time At Any Business Establishments (e.g. Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	18	16.51%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	17	15.60%
Travel Within The US Or Canada, Outside Of Pennsylvania	8	7.34%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	6	5.50%
Attend Or Work At College Or University	5	4.59%
Travel Via Mass Transit (e.g. Airplane, Bus, Train, Ride Share, Etc.)	2	1.83%



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Exposure Risks For Past 7 Days	Risk Count	Percent of All Individuals Exposed
Patient Was Incarcerated Or Employed At Prison / Jail	1	0.92%
Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)	1	0.92%
Experience Homelessness	1	0.92%

*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.