



# Monitoring & Protecting Our Progress

Most Current 7 Days: 08/28/2020–09/03/2020

Published: 09/04/2020

## 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.

## 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 and probable cases by the population\* 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)	220	42.14	<a href="#">Public School District Incidence Rates</a>
Week 2	152	29.12	
Week 3	146	27.97	
Week 4	196	37.54	
Weeks 1-4 Average	178.50	34.19	

\*Chester County Population = 522,046

### Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	313	55.42	<a href="#">Public School District Incidence Rates</a>
Week 2	271	47.99	
Week 3	387	68.53	
Week 4	428	75.79	
Weeks 1-4 Average	349.75	61.93	

\*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)	241	6,824	3.53%
Week 2	180	6,638	2.71%
Week 3	182	7,224	2.52%
Week 4	228	6,650	3.43%
Total for All Weeks	831	27,336	3.04%

### Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	356	8,847	4.02%
Week 2	318	9,424	3.37%
Week 3	443	10,276	4.31%
Week 4	481	10,374	4.64%
Total for All Weeks	1,598	38,921	4.11%

## 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	67	
Number of Individuals Currently Being Monitoring in Quarantine	160	59
Number of Individuals Who Have Completed Quarantine Monitoring	320	199
<b>Total</b>	<b>480</b>	<b>258</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	74	86.05%
Worked At, Visited, Or Stayed In A Healthcare Setting (E.G., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	25	29.07%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov?	17	19.77%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)?	13	15.12%
Attend Or Work At College Or University	12	13.95%
Travel Within The US Or Canada, Outside Of Pennsylvania	8	9.30%
Spend Time At Any Business Establishments (e.g. Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)?	8	9.30%
Attend Or Work At A School (Pre-K To 12th Grade)	6	6.98%
Travel Via Mass Transit (e.g. Airplane, Bus, Train, Ride Share, etc.)?	1	1.16%
Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)	1	1.16%
Travel Outside Of The US Or Canada	1	1.16%

### 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	89	67.94%
Attend Or Work At College Or University	32	24.43%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g. Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	24	18.32%
Travel Within The US Or Canada, Outside Of Pennsylvania	22	16.79%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)?	13	9.92%
Spend Time At Any Business Establishments (e.g. Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)?	13	9.92%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov?	8	6.11%
Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)	7	5.34%



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Exposure Risks For Past 7 Days	Risk Count	Percent of All Individuals Exposed
Attend Or Work At A School (Pre-K To 12th Grade)	3	2.29%
Travel Via Mass Transit (e.g. Airplane, Bus, Train, Ride Share, etc.)?	3	2.29%
Live In Or Had Exposure To A Drug Or Alcohol Treatment Facility	1	0.76%
Attend Or Work At A Child- Or Daycare	1	0.76%

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.