



# Monitoring & Protecting Our Progress

Most Current 7 Days: 11/13/2020–11/19/2020

Published: 11/20/2020

## 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)	1027	196.73	<a href="#">Local Incidence Rates</a>
Week 2	747	143.09	
Week 3	450	86.20	
Week 4	344	65.89	
Weeks 1-4 Average	642.00	122.98	

### Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	1753	310.40	<a href="#">Local Incidence Rates</a>
Week 2	1322	234.09	
Week 3	847	149.98	
Week 4	758	134.22	
Weeks 1-4 Average	1,170.00	207.17	

<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)	1,106	12,951	8.54%
Week 2	799	11,520	6.94%
Week 3	487	10,230	4.76%
Week 4	381	8,956	4.25%
Total for All Weeks	2,773	43,657	6.35%

### Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	1,860	17,770	10.47%
Week 2	1,412	15,130	9.33%
Week 3	903	14,113	6.40%
Week 4	829	12,273	6.75%
Total for All Weeks	5,004	59,286	8.44%

## 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.

Please note - Due to the exponential increase in cases over the past several weeks, the timeliness of contact tracing is being negatively impacted. The data provided below is *provisional* data.



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	Chester County	Delaware County
Number of Trained Contact Tracers	71	
Number of Individuals Currently Being Monitoring in Quarantine	148	108
Number of Individuals Who Have Completed Quarantine Monitoring	595	743
<b>Total</b>	<b>743</b>	<b>851</b>

## 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 COVI-19 Disease	90	68.18%
Attend Or Work At A School (Pre-K To 12th Grade)	48	36.36%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	23	17.42%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	21	15.91%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	20	15.15%
Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	16	12.12%
Travel Within The Us Or Canada, Outside Of Pennsylvania	8	6.06%
Attend Or Work At College Or University	6	4.55%
Attend Or Work At A Child- Or Daycare	6	4.55%
Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks)	2	1.52%
Travel Via Mass Transit (E.G., Airplane, Bus, Train, Ride Share, etc.)	1	0.76%
Patient Was Incarcerated Or Employed At Prison / Jail	1	0.76%
Live In Or Had Exposure To A Drug Or Alcohol Treatment Facility	1	0.76%
Travel Outside Of The Us Or Canada	1	0.76%
Tested For Covid-19 Because The Covid Alert Pa App Alerted Them Of An Exposure To A Person Who Was Diagnosed With COVID-19	1	0.76%



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## 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	94	63.95%
Attend Or Work At A School (Pre-K To 12th Grade)	47	31.97%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	39	26.53%
Attend Or Participate In A Mass Gathering Or Other Event (E.G. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	20	13.61%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	14	9.52%
Spend Time At Any Business Establishments e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	13	8.84%
Travel Within The Us Or Canada, Outside Of Pennsylvania	10	6.80%
Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)	4	2.72%
Attend Or Work At A Child- Or Daycare	3	2.04%
Attend Or Work At College Or University	2	1.36%
Tested For Covid-19 Because The Covid Alert Pa App Alerted Them Of An Exposure To A Person Who Was Diagnosed With COVID-19	1	0.68%

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.