



Monitoring & Protecting Our Progress

Most Current 7 Days: 09/11/2020–09/17/2020

Published: 09/18/2020

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 cases¹ by the population² 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)	330	63.21	Public School District Incidence Rates
Week 2	349	66.85	
Week 3	207	39.65	
Week 4	153	29.31	
Weeks 1-4 Average	259.75	49.76	

Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	260	46.04	Public School District Incidence Rates
Week 2	270	47.81	
Week 3	302	53.47	
Week 4	268	47.45	
Weeks 1-4 Average	275.00	48.69	

¹ Confirmed cases are those confirmed through a laboratory test; probable cases are those that have symptoms and are a close contact of a confirmed case (they do not have a confirmatory laboratory test)

² 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)	367	6,771	5.42%
Week 2	371	6,445	5.76%
Week 3	232	6,832	3.40%
Week 4	181	6,610	2.74%
Total for All Weeks	1,151	26,658	4.32%

Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	283	8,866	3.19%
Week 2	299	7,397	4.04%
Week 3	346	8,849	3.91%
Week 4	315	9,419	3.34%
Total for All Weeks	1,243	34,531	3.60%

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	73	
Number of Individuals Currently Being Monitoring in Quarantine	160	47
Number of Individuals Who Have Completed Quarantine Monitoring	377	140
Total	537	187



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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	80	67.23%
Attend Or Work At College Or University	40	33.61%
Travel Within The Us Or Canada, Outside Of Pennsylvania	15	12.61%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	13	10.92%
Attend Or Participate In A Mass Gathering Or Other Event (e.g., Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	10	8.40%
Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	10	8.40%
Attend Or Work At A School (Pre-K To 12th Grade)	8	6.72%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	6	5.04%
Live In Or Had Exposure To Other Congregate Housing (e.g., Dormitory, Barracks)	4	3.36%
Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)	2	1.68%
Travel Outside Of The Us Or Canada	2	1.68%
Attend Or Work At A Child- Or Daycare	1	0.84%
If Not Homeless, Spend Time Around Homeless Shelters Or Areas	1	0.84%

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	47	63.51%
Attend Or Work At College Or University	19	25.68%
Travel Within The Us Or Canada, Outside Of Pennsylvania	16	21.62%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	14	18.92%
Attend Or Work At A School (Pre-K To 12th Grade)	9	12.16%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	7	9.46%
Live In Or Had Exposure To Other Congregate Housing (e.g., Dormitory, Barracks)	7	9.46%



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Exposure Risks For Past 7 Days	Risk Count	Percent of All Individuals Exposed
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	6	8.11%
Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.)	4	5.41%
Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	3	4.05%
Attend Or Work At A Child- Or Daycare	1	1.35%

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.