



Monitoring & Protecting Our Progress

Most Current 7 Days: 11/20/2020–11/26/2020

Published: 11/27/2020

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. This report no longer contains contact tracing information as this strategies has been temporarily discontinued.

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 confirmed¹ cases 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)	1,160	222.20	Local Incidence Rates
Week 2	1038	198.83	
Week 3	745	142.71	
Week 4	450	86.20	
Weeks 1-4 Average	848.25	162.49	

Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	1577	279.24	Local Incidence Rates
Week 2	1756	310.93	
Week 3	1326	234.79	
Week 4	846	149.80	
Weeks 1-4 Average	1,376.25	243.69	

¹ Confirmed cases are those confirmed through a 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)	1,260	16,020	7.87%
Week 2	1,113	13,124	8.48%
Week 3	797	11,529	6.91%
Week 4	487	10,242	4.75%
Total for All Weeks	3,657	50,915	7.18%

Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	1,696	16,527	10.26%
Week 2	1,865	17,866	10.44%
Week 3	1,413	15,124	9.34%
Week 4	901	14,118	6.38%
Total for All Weeks	5,875	63,635	9.23%

Potential Exposure Activities

Exposure activities are those activities an individual has engaged in during the incubation period (14 days) prior to getting COVID-19 that may have increased their risk for contracting the virus. Exposure activities are gathered during Chester County Health Department’s COVID-19 investigations of individuals who are confirmed and probable COVID-19 cases. Individuals may report more than one activity, and therefore the information is used to better understand common activities and not to identify a definitive source of contracting the virus.



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Chester County

Exposure Activities	Activity Count	Percent of All Reported Activities
Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease	53	70.67%
Attend Or Work At A School (Pre-K To 12th Grade)	38	50.67%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	21	28.00%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	16	21.33%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	15	20.00%
Travel Within The US Or Canada, Outside Of Pennsylvania	5	6.67%
Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	3	4.00%
Attend Or Work At A Child- Or Daycare	2	2.67%
Attend Or Work At College Or University	1	1.33%

Delaware County

Exposure Activities	Activity Count	Percent of All Reported Activities
Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease	54	67.50%
Attend Or Work At A School (Pre-K To 12th Grade)	36	45.00%
Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home)	16	20.00%
Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.)	15	18.75%
Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	8	10.00%
Member Of A Cluster Of Persons Under Investigation For 2019-Ncov	6	7.50%
Attend Or Work At College Or University	2	2.50%
Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, Etc.)	2	2.50%
Travel Within The US Or Canada, Outside Of Pennsylvania	1	1.25%
Attend Or Work At A Child- Or Daycare	1	1.25%

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.