



Monitoring & Protecting Our Progress

Most Current 7 Days: 12/04/2020–12/10/2020

Published: 12/11/2020

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)	1,730	331.39	Local Incidence Rates
Week 2	1478	283.12	
Week 3	1165	223.16	
Week 4	1041	199.41	
Weeks 1-4 Average	1,353.50	259.27	

Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	2068	366.18	Local Incidence Rates
Week 2	1811	320.67	
Week 3	1608	284.73	
Week 4	1758	311.29	
Weeks 1-4 Average	1,811.25	320.72	

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)	1,860	16,990	10.95%
Week 2	1,595	15,615	10.21%
Week 3	1,261	16,191	7.79%
Week 4	1,116	13,186	8.46%
Total for All Weeks	5,832	61,982	9.41%

Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	2,258	17,060	13.24%
Week 2	1,967	15,541	12.66%
Week 3	1,720	16,807	10.23%
Week 4	1,863	17,855	10.43%
Total for All Weeks	7,808	67,263	11.61%

Recommendations

COVID-19 spreads mainly through close contact from person to person, including between people who are physically near each other (within about 6 feet). People who are infected but do not show symptoms can also spread the virus to others. How easily a virus spreads from person to person can vary. Incidence rates and percent positivity are impacted by the activities individuals engage in that increase exposure risks. Individuals are encouraged to reduce their exposure risks by avoiding group activities, remaining home when not feeling well, and wearing a mask at all times. Over the past 7 days, the most common types of activities reported to the Chester County Health Department by individuals with COVID-19 included:

Chester County	Delaware County
<ul style="list-style-type: none"> • Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease 	<ul style="list-style-type: none"> • Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease • Attend Or Work At A School (Pre-K To 12th Grade)



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<ul style="list-style-type: none"> • Attend Or Work At A School (Pre-K To 12th Grade) • Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home) • Member Of A Cluster Of Persons Under Investigation For 2019-Ncov • Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.) • Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop) • Attend Or Work At College Or University • Travel Within The US Or Canada, Outside Of Pennsylvania • Attend Or Work At A Child- Or Daycare • Patient Was Incarcerated Or Employed At Prison / Jail • Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.) • Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks) 	<ul style="list-style-type: none"> • Worked At, Visited, Or Stayed In A Healthcare Setting (e.g., Hospital / Long-Term Care / Rehab / Skilled Nursing Facility / Clinic / Personal Care Home) • Member Of A Cluster Of Persons Under Investigation For 2019-Ncov • Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.) • Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop) • Travel Within The US Or Canada, Outside Of Pennsylvania • Attend Or Work At A Child- Or Daycare • Attend Or Work At College Or University • Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.) • Patient Was Incarcerated Or Employed At Prison / Jail • Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks) • Live In Or Had Exposure To A Drug Or Alcohol Treatment Facility • Tested For Covid-19 Because The Covid Alert Pa App Alerted Them Of An Exposure To A Person Who Was Diagnosed With COVID-19

Caution: The information above cannot be used to identify definitive sources of contracting COVID-19 as individuals may report engaging in more than one activity.

Note: Specific percents are no longer reported for exposure activities due to misinterpretation and misuse of the data.