



Monitoring & Protecting Our Progress

Most Current 7 Days: 12/11/2020–12/17/2020

Published: 12/18/2020

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. 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)	1,879	359.93	Local Incidence Rates
Week 2	1751	335.41	
Week 3	1480	283.50	
Week 4	1170	224.12	
Weeks 1-4 Average	1,570.00	300.74	

Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	1755	310.76	Local Incidence Rates
Week 2	2099	371.67	
Week 3	1813	321.03	
Week 4	1612	285.44	
Weeks 1-4 Average	1,819.75	322.22	

¹ Confirmed cases are those confirmed through a laboratory test.

² Chester County Population = 522,046 | Delaware County Population = 564,751



Monitoring & Protecting Our Progress

Most Current 7 Days: 12/11/2020–12/17/2020

Published: 12/18/2020

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)	2,059	17,430	11.81%
Week 2	1,870	17,139	10.91%
Week 3	1,596	15,618	10.22%
Week 4	1,265	16,195	7.81%
Total for All Weeks	6,790	66,382	10.23%

Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	1,974	16,672	11.84%
Week 2	2,284	17,328	13.18%
Week 3	1,966	15,548	12.64%
Week 4	1,718	16,816	10.22%
Total for All Weeks	7,942	66,364	11.97%

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



Monitoring & Protecting Our Progress

Most Current 7 Days: 12/11/2020–12/17/2020

Published: 12/18/2020

Chester County	Delaware County
<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) • 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) • Member Of A Cluster Of Persons Under Investigation For 2019-Ncov • Attend Or Work At A Child- Or Daycare • Travel Within The US Or Canada, Outside Of Pennsylvania • Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks) • Attend Or Work At College Or University • Patient Was Incarcerated Or Employed At Prison / Jail • Live In Or Had Exposure To A Drug Or Alcohol Treatment Facility 	<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 A Child- Or Daycare • Live In Or Had Exposure To Other Congregate Housing (e.g. Dormitory, Barracks) • Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.) • Travel Within The US Or Canada, Outside Of Pennsylvania • Patient Was Incarcerated Or Employed At Prison / Jail • Live In Or Had Exposure To A Drug Or Alcohol Treatment Facility

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.