Monitoring & Protecting Our Progress
Most Current 7 Days: 01/29/2021–02/04/2021
Published: 02/05/2021

Introduction

The data provided below are used to monitor COVID-19 in Chester County and Delaware County. 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 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[1] cases by the population[2] 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)	701	133.53	
Week 2	847	161.34	
Week 3	1,103	210.10	Local Incidence Rates
Week 4	1,394	265.53	
Weeks 1-4 Average	1,011.25	192.62	

Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	743	131.10	
Week 2	1,186	209.26	
Week 3	1,150	202.91	Local Incidence Rates
Week 4	1,481	261.32	
Weeks 1-4 Average	1,140.00	201.15	

[1] Confirmed cases are those confirmed through a laboratory test.

[2] Chester County Population = 524,989 | Delaware County Population = 566,747

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.

Data source: Chester County Health Department; data is updated weekly on Fridays.

Chester County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	812	10,779	7.53%
Week 2	990	14,094	7.02%
Week 3	1,253	14,919	8.40%
Week 4	1,562	15,480	10.09%
Total for All Weeks	4,617	55,272	8.35%

Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	882	11,713	7.53%
Week 2	1,371	15,404	8.90%
Week 3	1,336	16,177	8.26%
Week 4	1,650	16,139	10.22%
Total for All Weeks	5,239	59,433	8.81%

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
• Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease • 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) • Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)	• Have Close Contact With A Confirmed Or Probable Case Of COVID-19 Disease • 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) • Spend Time At Any Business Establishments (e.g., Restaurants, Bars, Gym/Fitness Center, Movie Theaters, Salon/Barbershop)

Chester County	Delaware County
• 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 • Attend Or Participate In A Mass Gathering Or Other Event (e.g. Wedding, Funeral, Concert, Party, Sporting Event, Contact Sport, Religious Gathering, etc.) • 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	• Travel Within The US Or Canada, Outside Of Pennsylvania • 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.) • Attend Or Work At College Or University • Attend Or Work At A Child- Or Daycare • 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) • Patient Was Incarcerated Or Employed At Prison / Jail

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.