



Monitoring & Protecting Our Progress

Most Current 7 Days: 02/12/2021–02/18/2021

Published: 02/19/2021

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 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)	542	103.24	Local Incidence Rates
Week 2	671	127.81	
Week 3	716	136.38	
Week 4	850	161.91	
Weeks 1-4 Average	694.75	132.34	

Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	619	109.22	Local Incidence Rates
Week 2	818	144.33	
Week 3	777	137.10	
Week 4	1,191	210.15	
Weeks 1-4 Average	851.25	150.20	

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.



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7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	628	11,051	5.68%
Week 2	767	12,383	6.19%
Week 3	815	10,997	7.41%
Week 4	988	14,087	7.01%
Total for All Weeks	3,198	48,518	6.59%

Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	737	11,473	6.42%
Week 2	946	12,845	7.36%
Week 3	898	11,918	7.53%
Week 4	1,375	15,415	8.92%
Total for All Weeks	3,956	51,651	7.66%

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 • 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.) 	<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) • 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) • Attend Or Work At College Or University



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<ul style="list-style-type: none"> • 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 • Travel Within The US Or Canada, Outside Of Pennsylvania • Attend Or Work At College Or University • Live In Or Had Exposure To A Drug Or Alcohol Treatment Facility • 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 Outside Of The US Or Canada • Experience Homelessness 	<ul style="list-style-type: none"> • 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.) • Attend Or Work At A Child- Or Daycare • Travel Via Mass Transit (e.g., Airplane, Bus, Train, Ride Share, etc.) • Member Of A Cluster Of Persons Under Investigation For 2019-Ncov • 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.