



COVID-19 Monitoring Report

Most Current 7 Days: 07/16/2021–07/22/2021

Published: 07/23/2021

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 becomes available through reporting and case investigations. Hence, data is considered provisional.

Data available in this report: [Incidence Rate](#) | [Percent Positivity](#) | [Vaccination Levels](#) | [Test Results and Deaths](#)

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
Week 1 (most current)	91	17.33
Week 2	37	7.05
Week 3	28	5.33
Week 4	31	5.90
Weeks 1-4 Average	46.75	8.90

Delaware County

7 Day Period	Positive Case Count	Incidence Rate per 100,000
Week 1 (most current)	96	16.94
Week 2	51	9.00
Week 3	43	7.59
Week 4	43	7.59
Weeks 1-4 Average	58.25	10.28

¹ Confirmed cases are those confirmed through a laboratory test.

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



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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)	98	4,168	2.35%
Week 2	40	3,682	1.09%
Week 3	35	3,758	0.93%
Week 4	35	4,002	0.87%
Total for All Weeks	208	15,610	1.33%

Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	106	5,521	1.92%
Week 2	61	5,295	1.15%
Week 3	55	5,347	1.03%
Week 4	52	6,035	0.86%
Total for All Weeks	274	22,198	1.23%



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Vaccination Levels

Vaccination levels are provided as of December 2020, when COVID-19 vaccine became available in Chester County. This data has been aggregated from data provided to the Pennsylvania Statewide Immunization Information System and Philadelphia Department of Public Health. It does not include individuals vaccinated in federal facilities (such as veteran’s hospital, or federal prison), and outside of Pennsylvania, hence, this data are estimates.

Chester County

	Population	Number of People Vaccinated ¹	Percent of Population Vaccinated ¹
All Eligible Ages ²	450,301	333,338	74%
Entire Population	524,989	333,338	63%

Delaware County

	Population	Number of People Vaccinated ¹	Percent of Population Vaccinated ¹
All Eligible Ages ²	500,671	344,735	69%
Entire Population	566,747	344,735	61%

¹ Partially or fully vaccinated. Includes individuals vaccinated in Philadelphia.

² Current eligible ages to receive COVID-19 vaccine is 12 years and older.



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Test Results and Deaths

Test result and death data have been collected since March 2020. Test results are classified as either positive or negative and include all types of tests. The table below provides a 7 day, 30 day and cumulative of COVID test results and deaths.

Chester County

	Last 7 Days	Last 30 Days	Cumulative ¹
Positive Tests	91	198	33,872
Negative Tests	1,500	6,130	230,362
Deaths	-	-	815

¹ Since March 2020.

Delaware County

	Last 7 Days	Last 30 Days	Cumulative ¹
Positive Tests	96	249	45,959
Negative Tests	1,698	7,815	264,349
Deaths	-	6	1,470

¹ Since March 2020.