



Monitoring & Protecting Our Progress

Published: 08/21/2020

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.

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 and probable cases by the population* 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 Cases Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	148	28.35	Public School District Incidence Rates
Week 2	196	37.54	
Week 3	215	41.18	
Week 4	303	58.04	
Weeks 1-4 Average	215.50	41.28	

*Chester County Population = 522,046

Delaware County

7 Day Period	Positive Test Count	Incidence Rate per 100,000	Additional Data
Week 1 (most current)	390	69.06	Public School District Incidence Rates
Week 2	431	76.32	
Week 3	450	79.68	
Week 4	522	92.43	
Weeks 1-4 Average	448.25	79.37	

*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)	183	7,224	2.53%
Week 2	227	6,657	3.41%
Week 3	234	6,014	3.89%
Week 4	347	6,656	5.21%
Total for All Weeks	991	26,551	3.73%

Delaware County

7 Day Period	Positive PCR Tests Count	All PCR Tests Count	Percent PCR Positivity
Week 1 (most current)	443	10,273	4.31%
Week 2	481	10,390	4.63%
Week 3	491	9,372	5.24%
Week 4	565	8,672	6.52%
Total for All Weeks	1,980	38,707	5.12%