COVID-19 Dashboard User Manual

By: DreamTeam

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Overview

COVID-19 Dashboard by DreamTeam is an online tool that collects and organizes data about the spread of coronavirus in the Lehigh Valley. It includes information about the cases and deaths in the counties and colleges in the Lehigh Valley. The data is visually displayed over time so it is easy to see progression of the virus and compare between different places in the Lehigh Valley.

Legal Disclaimer

Covid-19 Dashboard by DreamTeam

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Accessing The Website

The website is available at http://139.147.9.191/. This can be viewed on a variety of devices and browsers including mobile.

User Interface

The website is located on a single page that contains a dropdown menu and 4 graphs.
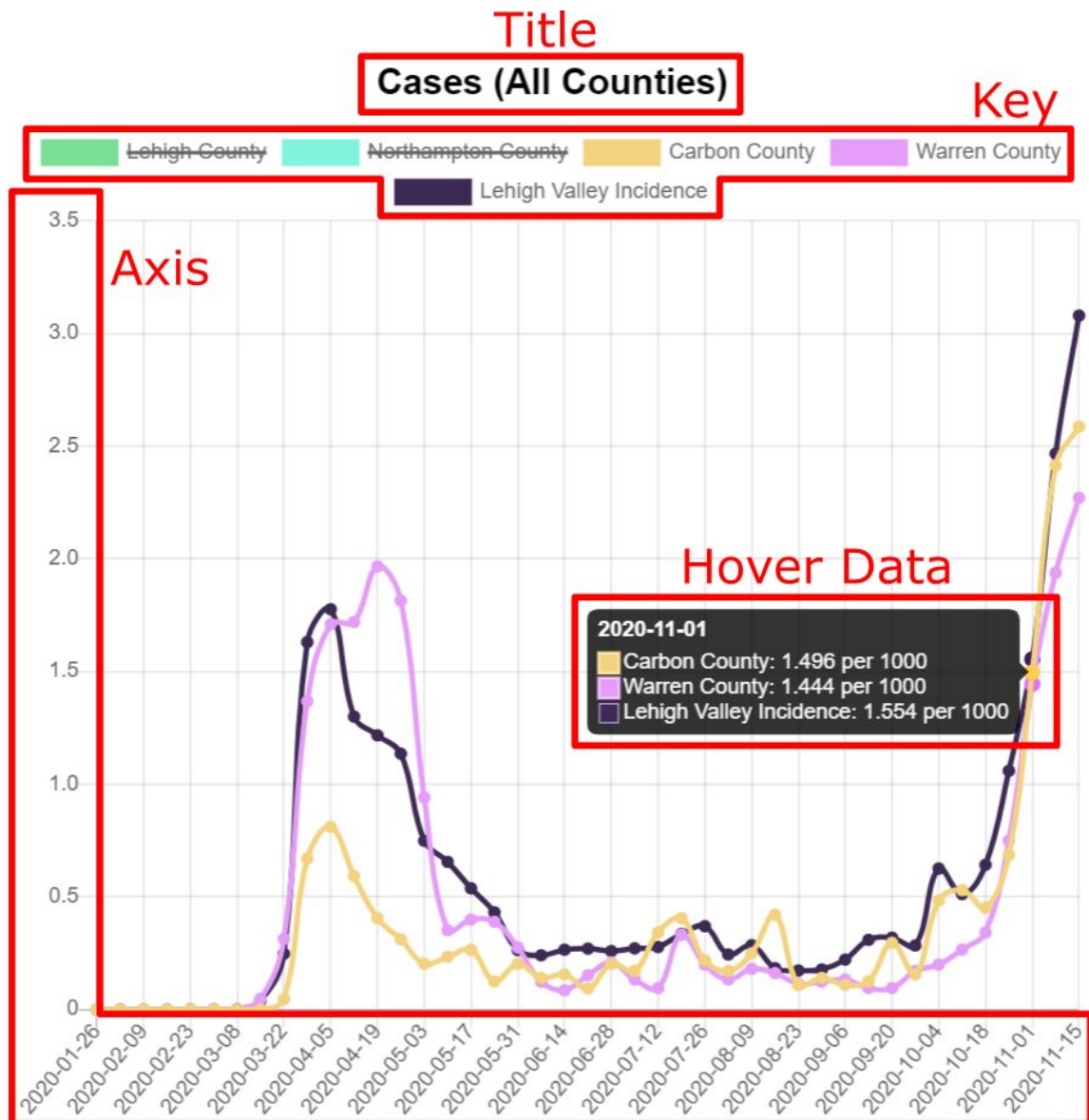
County Selector

The county selector dropdown menu allows the user to select the current county.

Lehigh County	⌄

This selection specifies from which county data will be displayed. This selection will affect the first 2 charts that show county-specific information.

Graphs

Each graph shares common visual and interactive elements.

Title
Cases (All Counties)

Key

Lehigh County   Northampton County   Carbon County   Warren County
Lehigh Valley Incidence

Axis

Hover Data

2020-11-01
Carbon County: 1.496 per 1000
Warren County: 1.444 per 1000
Lehigh Valley Incidence: 1.554 per 1000

- **Title -** The title describes what data is shown in the graph. This includes the specific location or locations where the data is from.

- **Key -** The color-coated key shows which line on the graphs belongs to each location. Clicking on a key element will cross the element out and remove that element from the graph. Clicking the element again will add it back to the graph.

- **Axis -** The vertical axis shows the prevalence of COVID-19. As locations are added and removed from each graph using the key, this axis scales to best show the current data. The horizontal axis shows the weeks that the graph covers (Only single dates are listed but the data point is for the whole week starting on the Sunday listed.).

- **Hover Data -** Dots indicate the specific data points that are being displayed. The connecting curve interpolates between these points. If the cursor is hovered over the graph, it will display the specific values for a particular week.

The 4 graphs each contain different information about counties and schools in the Lehigh Valley. For this tool, school is defined as any college or university excluding community colleges. Also, the Lehigh Valley is considered the combination of Lehigh, Northampton, Carbon, and Warren County.

1. **Cases and Deaths (Selected County) -** This graph displays only the number of cases and deaths for the current county. This county is selected through the County Selector drop down menu.

2. **Cases by College (Selected County) -** This graph displays the number of cases for the current county and the number of cases at each school within that county. This county is selected through the County Selector drop down menu.

3. **Cases (All Counties) -** This graph displays the incidence of cases for all counties and the calculated incidence for the whole Lehigh Valley. Incidence is the number of cases per 1000 people.

4. **Cases at All Colleges and Total Cases in Lehigh Valley -** This graph displays the number of cases at each school in the Lehigh Valley and the calculated total cases in the Lehigh Valley.

Basic Troubleshooting

This website has been tested for compatibility with major browsers including Chrome, Safari, Firefox, Internet Explorer, and Edge. If issues occur, It is recommended that users switch to one of these browsers.