A Behind-the-Scenes Look at the Development and Management of the University’s COVID-19 Public Dashboard

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Agenda

1. Goals of the dashboard
2. Overview of the dashboard
3. A collaborative effort
4. Challenges: data and logistics
5. Lessons learned
6. Look towards 2021
Goal of Lehigh’s Public COVID-19 Dashboard

Key questions:
• How many tests are being administered and when? What are the results of these tests?
• What are the total number of cases among students on campus, and off campus in the Bethlehem area?
• How many students are currently in isolation or quarantine?
• How many faculty and staff have tested positive?
Overview of Dashboard Page

https://coronavirus.lehigh.edu/covid-19-dashboard-reporting

Fall 2020 Lehigh Student COVID-19 Cases

The below figures represent the total count of all Lehigh-enrolled students with known positive COVID-19 tests who resided in the Bethlehem area or on campus. This information includes the running total of positive results from all types of testing administered between August 7 and December 31.

Includes data from 8/7/2020 to 12/31/2020. Updated: 1/6/2021 11:30:00 AM

Fall 2020 Cumulative Positive Cases

- **210** Positive cases among students living in residence halls
- **448** Positive cases among students living off campus in the Bethlehem area
- **658** Total positive cases among students living on or off campus

Of the **658** positive cases, **237** students tested positive as a result of initial or ongoing surveillance testing, **286** tested positive after undergoing testing conducted by the Lehigh Health and Wellness Center, and **135** were reported from tests administered elsewhere (see “Additional Reported Information”).
A collaborative effort
Challenges faced with the data

- Fast changing data and requirement for real time reporting
- Data is gathered from communicating with students
  - Manual data entry
  - Large amount of data (cases, contact tracing, isolation/quarantine).
  - Large number of HWC staff & volunteers
  - Complexity of the data
- Student location accuracy issues
Lessons learned

- Collaboration and communication
- Be adaptable
- Informing campus policies and restrictions
- Analysis of the Fall 2020 COVID data
- Reception of the dashboard by the public
Look towards 2021

- Adapt to the challenges of this new semester
- Continue improving the dashboard process
- Changes in higher education
https://oirsa.lehigh.edu/contact-us