COVID-19 Data Standards

Our team set out to understand how COVID-19 data has been collected and reported by the state and county public health departments on to the public across the United States.

"We're building it as we fly it and things that worked in March may not work anymore."
- Midwest state public health department

Ecosystem Scan

we conducted an ecosystem scan of all 50 US states and key informant interviews in order to understand what is happening inside public health departments.

Challenges of Data Collection/Reporting

1. **Missing** or **incomplete** data

2. Data collection systems are **outdated**

3. More **funding** for **data infrastructure** and IT in healthcare

Research Recommendations

1. More **funding** to modernize the **data management systems** and more **Informatics personnel** in Public Health.

2. Renew programs like the **HIE** for better data-sharing agreements.

3. Implementation of a **national data dictionary** and **data entry standards**.

Justin Lim, Savannah Umali-Jepsen, Colten Woo, Lufei Wang

beeckcenter
social impact + innovation

Information School
UNIVERSITY of WASHINGTON