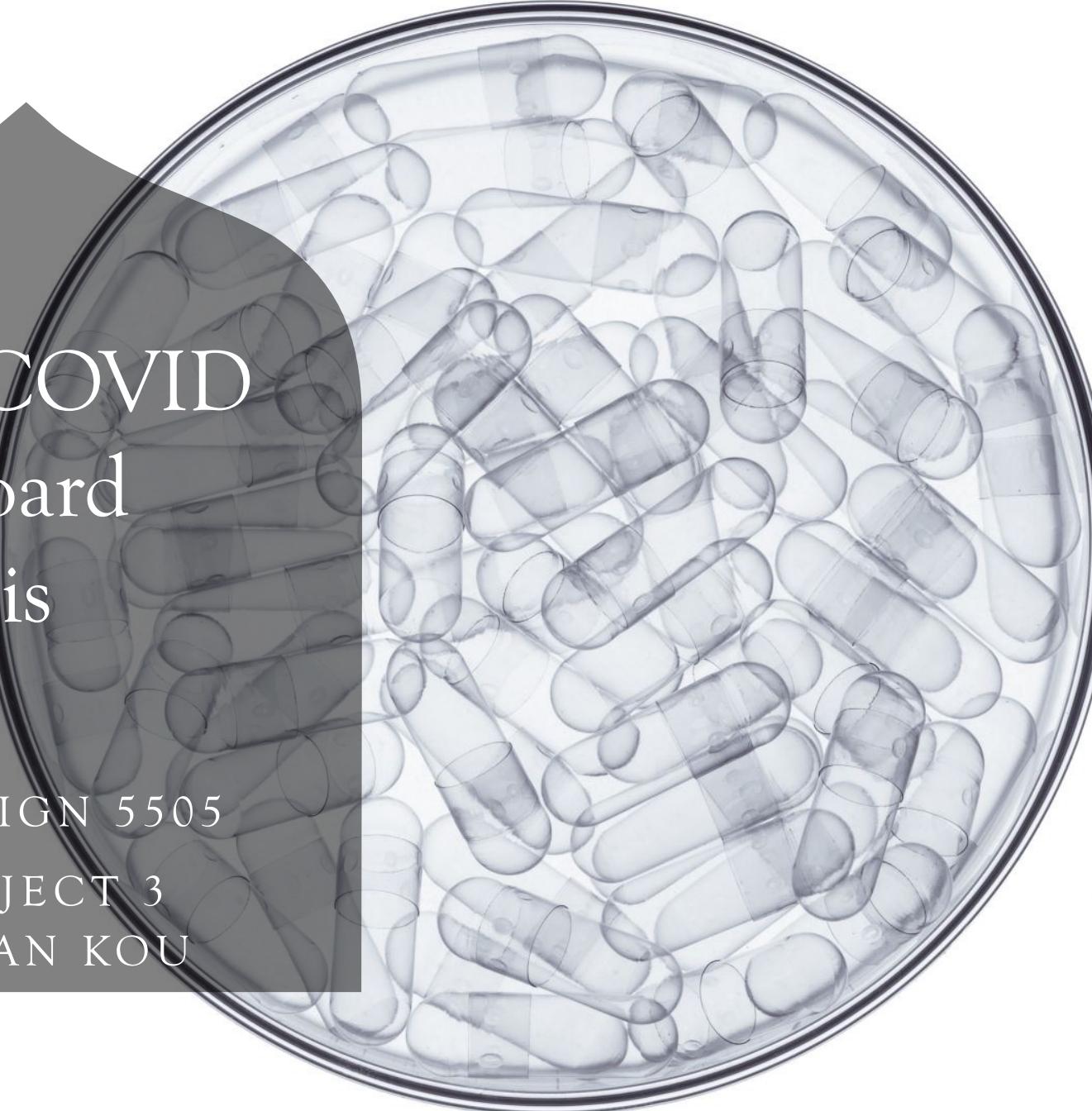


OSU COVID dashboard Analysis

DESIGN 5505
PROJECT 3
XIDAN KOU



Possible audiences for the Dashboard

Should work for

Columbus
City
workers

OSU
sports
fans

Student
leaders(in-
person events
VS. online)

Ideal for

OSU
students

OSU
Employees

kristina
m
johnson

ohio
health
officials

mobile
users

Family of
Students

Columbus
Residence

outside
journalists

Information on Dashboard

Ohio Daily Cases (for all counties)

R(t) Numbers for Ohio

Hospital Capacity in Ohio

Last 7 Days Cases/ Tests / %
Positive

All time Cases/ Tests / % Positive

Trends for Daily Cases at OSU

Trends for 7 Day Avg Percent
Positive at OSU

Vaccination Rates for Students /
Employee

Trends for 7 Day Avg Cases at
OSU

Students In Campus I/Q Housing

I/Q Campus Beds Available

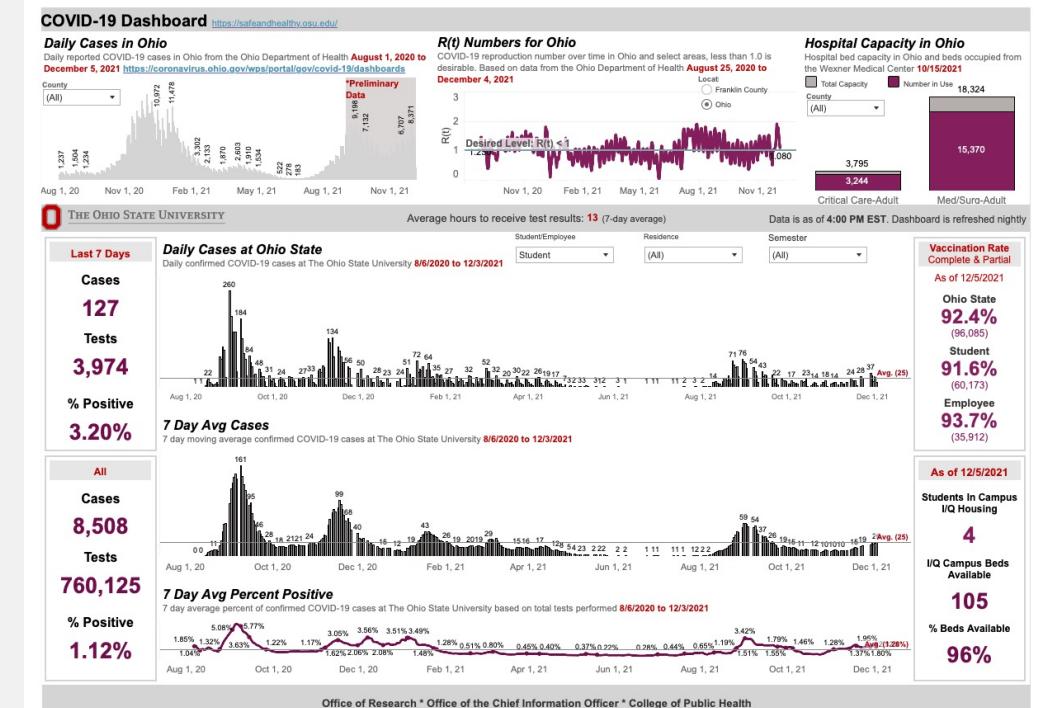
% Beds Available

Evaluation Table

Evaluation	Score (1-5 scale) [5 is the most pleasing]
Visual Perception	
Design Principles - Balance	
Design Principles - Contrast	
Design Principles - Emphasis	
Design Principles - Unity	
Design Structure	
Typography	

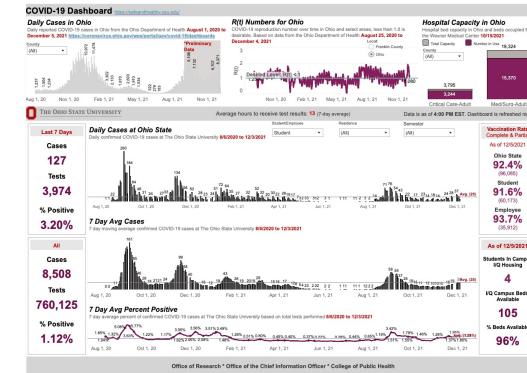
Visual Perception

- Definition: To communicate a specific message to the end user in a way that is clear, accessible, and easy to understand
- Evaluation:
 - Overwhelming
 - Hard to grab important information
 - Plain
- Score = 3



Design Principles

- Score (Balance) = 5: Both sides of a composition are matching.
- Score (Contrast) = 5: Contrast showed clearly with Colors
- Score (Emphasis) = 4: The first thing I sees on the design is everything
- Score (Unity) = 5: successful combination of different elements.



BASIC PRINCIPLES

- | | |
|------------|------------|
| • Balance | • Movement |
| • Contrast | • Rhythm |
| • Emphasis | • Unity |

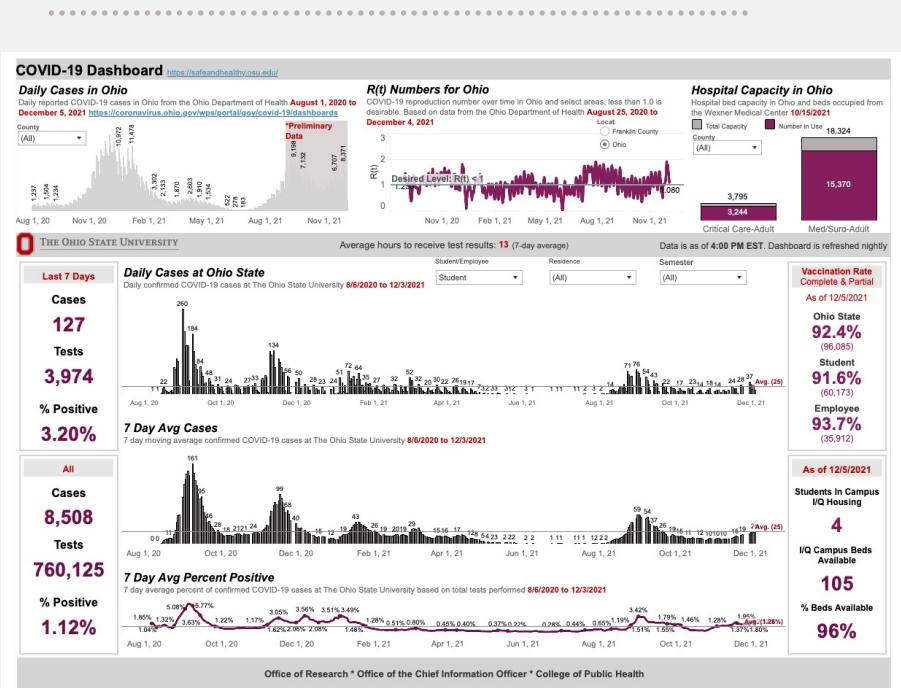
Design Structure

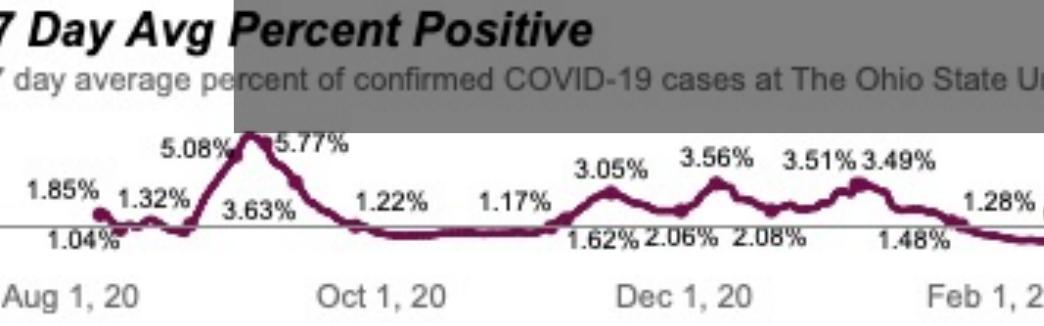
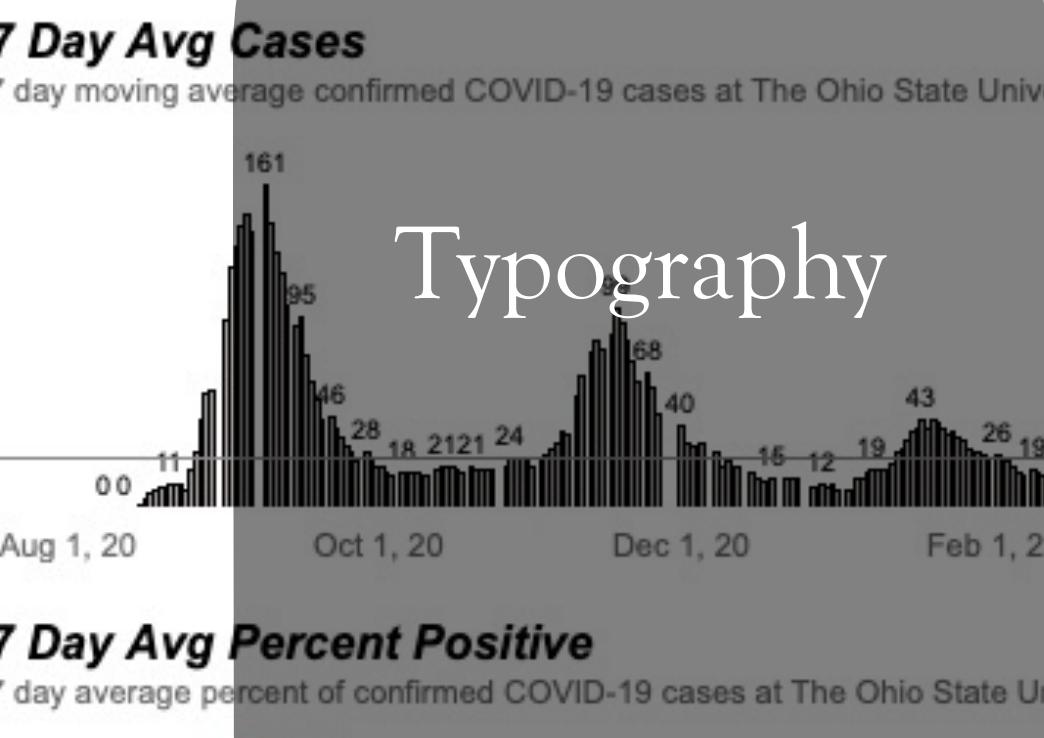
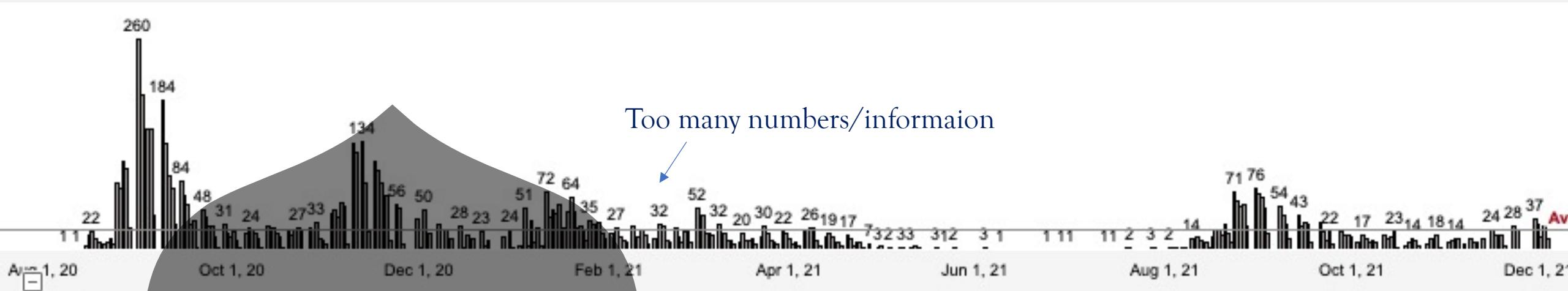
- Top part is about Ohio Data
- Bottom part is about OSU Data
- Numbers are on the side
- Trends are in the middle
- Score = 5

Layout structure

*framed by logic
supported by visual standards
imbued with creative enthusiasm*

Structure and Legibility





- Used Sans-Sarif (More readable type on screen)
- Used Bold/Italic/Size/Color to make contrast
- Score = 4

Evaluation of the Current Dashboard

Evaluation	Score (1-5 scale) [5 is the most pleasing]
Visual Perception	3
Design Principles - Balance	5
Design Principles - Contrast	5
Design Principles - Emphasis	4
Design Principles - Unity	5
Design Structure	5
Typography	4
Total Score	31/35 [88.6%]



Xidan's Redesign Process

Target User of My Reproduction

FAMILAY OF STUDENT

--Sometimes, they (especially parents) cares more about the Covid situation than students.

How would I organize the information...

- List out necessary information for my target user
- List out information they want to know
- Rank the information from the most important to the least in terms of my target user
- Listing out design ideas

Data over time	Recent (7 days)Data	Target User might want to know
Ohio Daily Cases	Ohio Daily Cases	Bed capacity in Wexner Medical Center
OSU Daily Cases	OSU Daily Cases	How often do students get tests?
Positive rate at OSU	Positive Rate at OSU	What is the school policy regards the COVID?
Vaccination Rates for Students / Employee		How will the school events be hold?
Number of Tests	Number of Tests	Number of students in isolation
Trends for Daily cases	Trends for Daily cases	

Step 1

Necessary Covid Information for the Family of Students

Step 2 Ranking information

Q: Will the ranking be different with different types of users/audiences?

A: Ranking for different target users should be slightly different, and information people cares about COVID should be almost same.

Most Important

Least Important

OSU Daily Cases Over 7 Days

OSU Positive Rate & Number of Tests Over 7 Days

Vaccination Rates for Students / Employee

OSU Daily Cases Over Time

OSU Positive Rate & Number of Tests Over Time

Trends for Daily Cases Over Time

Trends for Daily Cases Over 7 Days

How often do students get tests?

Bed capacity in Wexner Medical Center

Number of students in isolation

How will the school events be held?

What is the school policy regards the COVID?

Step 3 Listing out design ideas

More important information will ...

- accounts for larger space
- be highlighted
- Center in the Middle or Place where can grab people's attention

Using color to make comparisons and highlight information

Scratch the Layout (What information should be put together)

Home > Dashboard

Overview

Email Address

SUBSCRIBE

Columbus Main Campus

Student

Fall Semester 2021

Student

Columbus Main Campus

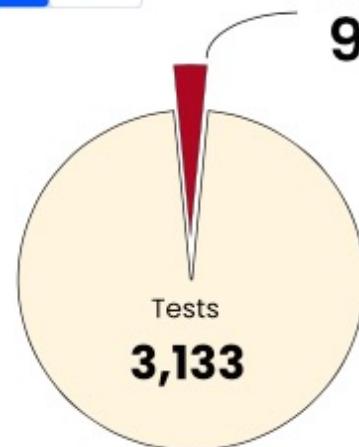
Aug. 2021 - Dec. 2021

Daily Cases For Last 7 Days

Days Weeks Months

Cases

93

[More Insights >](#)

COVID - 19 Tests

Tests Taken twice per week for Vaccinated people and once per week for Unvaccinated people.

Tests Result

Tests Result are usually ready within 24 hours.

Fall Semester 2021

Student

Columbus Main Campus

Aug. 2021 - Dec. 2021

Vaccination Rate for Fall '21

Student: 91.6%



Faculty/Staff: 93.7%

OSU Cases for Fall '21

9,615



1.36% ↑ Positive Rate

OSU Tests for Fall '21

760,125



1.36% ↑ Positive Rate

Student Currently in I/Q Housing

On-Campus: 3



97% Beds Available

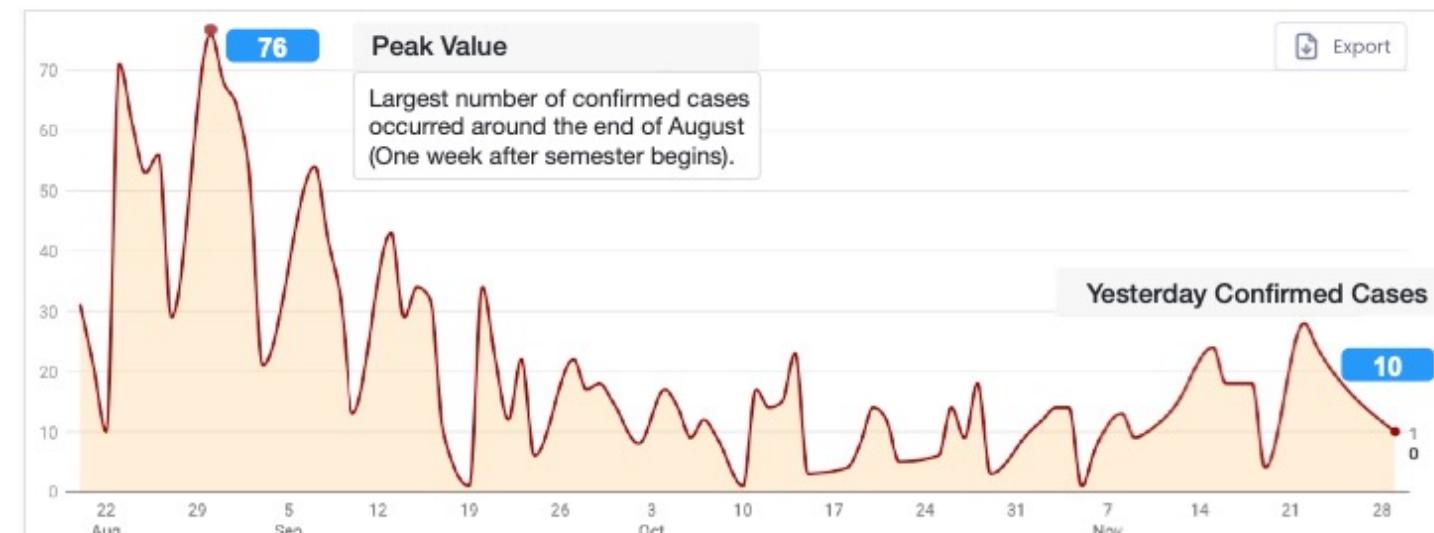
OSU Daily Cases

Fall Semester 2021

Students

Columbus Main Campus

Days Weeks Months

[Export](#)[Download Image](#) · Created with [Datawrapper](#)

Evaluation Plan

✓ Ask students to evaluate the redesign based on the previous evaluation table.

Evaluation	Score
Visual Perception	
Design Peinciples - Balance	
Design Peinciples - Contrast	
Design Peinciples - Empasis	
Design Peinciples - Unity	
Design Structure	
Typography	

✓ Ask students' parents to answer the following questions

Evaluation	Score
Does this Dashboard contains all the information you wants to know?	
Can you easily find information in this Dashboard?	
Can you understand the information clearly?	
Do you find this dashboard visually pleasing?	

Questions ?



Thank You!