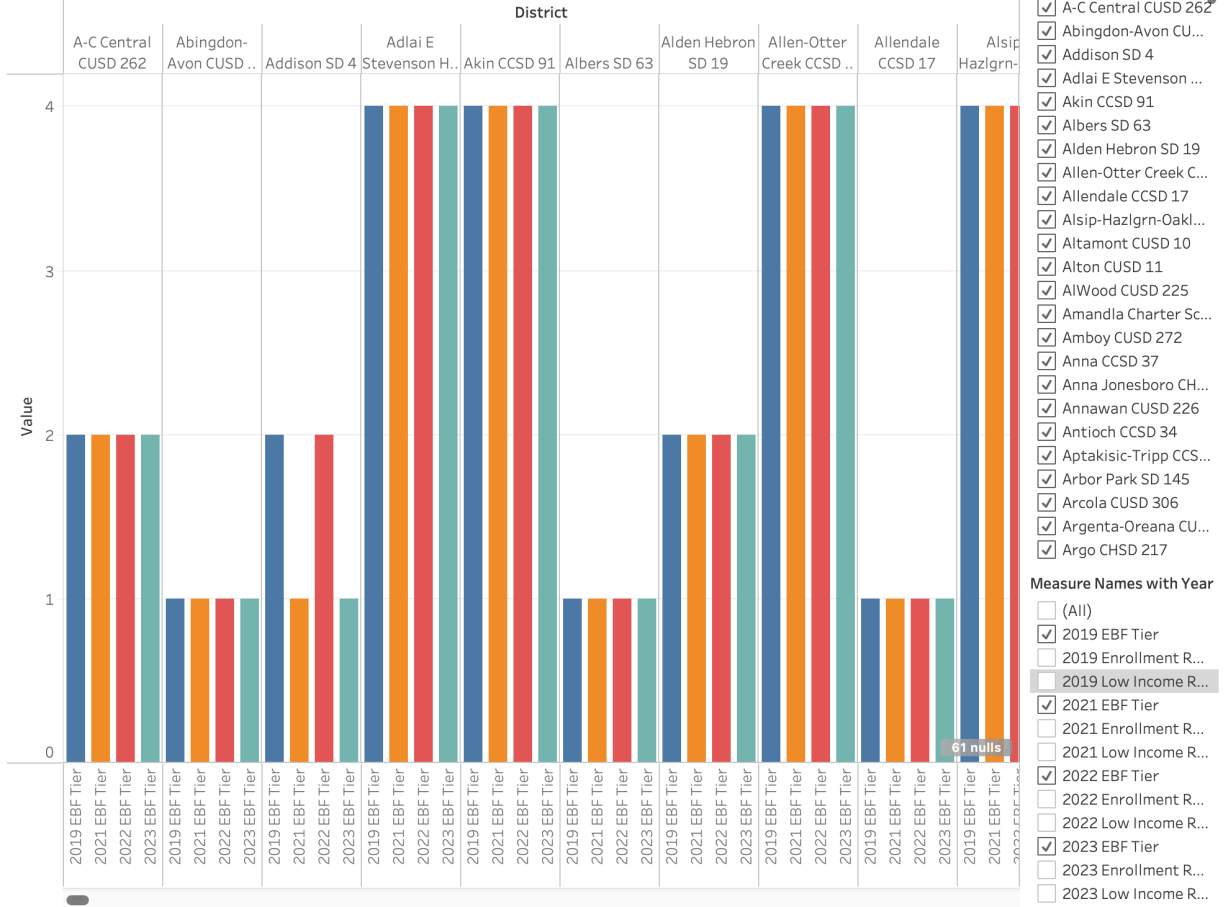


- The team focused on creating a new dataset merge key indicators of Illinois State Board of Education report card data library 2019-2023(2020 is not included because of the pandemic)
- Using a new dataset to create a dashboard and add filters so that stakeholders can find data they want.

Dashboard



3. Wireframe Concept: Illinois Student Data Dashboard

a. 1. Layout Overview

● Left Panel (Sidebar)

- Title: "Illinois Student Data Dashboard"
- Dropdown: "Select a Year" (to filter data)
- Checkbox Options:
 - "Show Public Schools"
 - "Show Private Schools"
 - "Show Higher Education Institutions"
- Search Bar: "Search for a District"
- Button: "Reset Map"

● Main Panel (Map & Visuals)

- **Interactive Illinois District Map (Center)**
 - Each district is outlined and clickable

- Hover shows district name and basic stats (e.g., total students, school count)
 - **Popup/Side Panel (Appears Upon Click)**
 - Title: "[Selected District Name] - Student Data"
 - **Visualizations:**
 1. **Enrollment Trends (Line Chart)** – Shows changes in student enrollment over time
 2. **Enrollment Breakdown (Pie Chart)** – Public vs. Private vs. Higher Ed
 3. **Bar Chart** – Top 5 Schools by Enrollment in District
 4. **Demographic Breakdown (Stacked Bar Chart)** – Race/Ethnicity of students
- **Wireframe Sections**
 - **Header**
 - **Title:** "Illinois Student Data Dashboard"
 - **Year Filter Dropdown**
 - **Help Icon (?)**

Sidebar

- **Filters & Controls**
 - Year Selection
 - School Type Filters
 - District Search
 - Reset Button

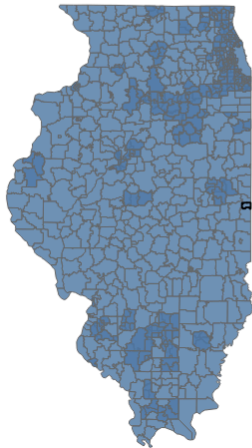
Main Section

- **Interactive Illinois Map**
 - Clickable Districts with Hover Data
 - Map Auto-Updates Based on Filters

District Data Panel (Upon Click)

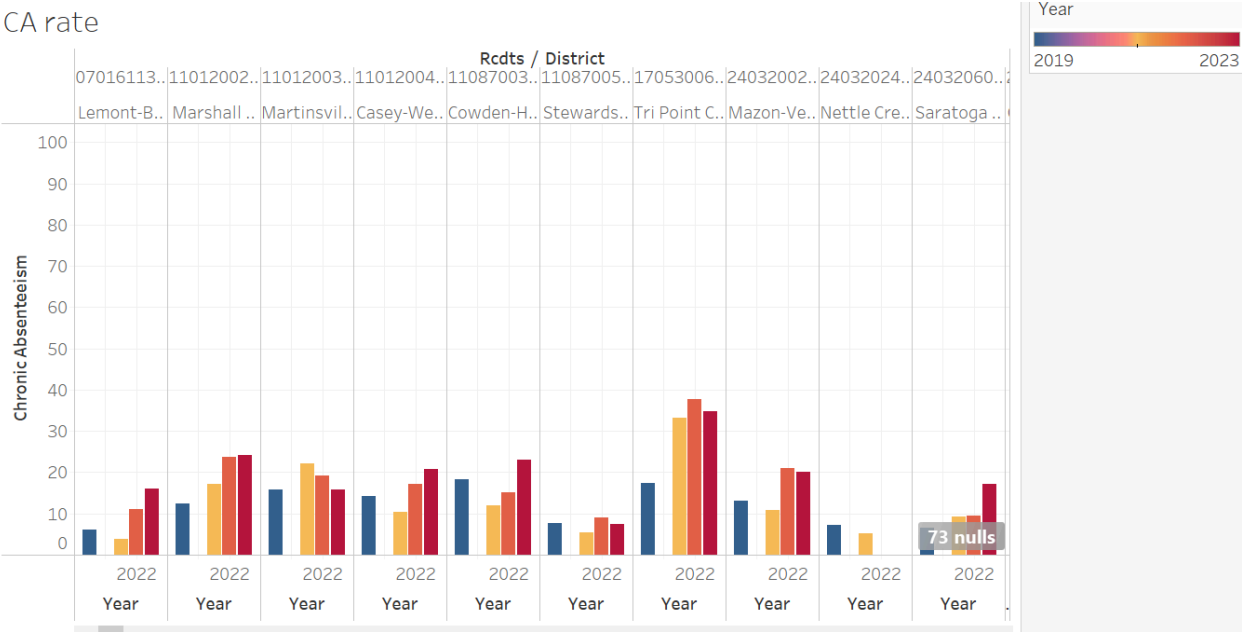
- **Title:** "[District Name] Data"
- **Visualizations**
 - Line Chart (Enrollment Over Time)
 - Pie Chart (Enrollment by School Type)
 - Bar Chart (Largest Schools)
 - Stacked Bar Chart (Demographics)

Updated Visualizations/dashboard:
DPI IWERC SCHOOL DISTRICTS

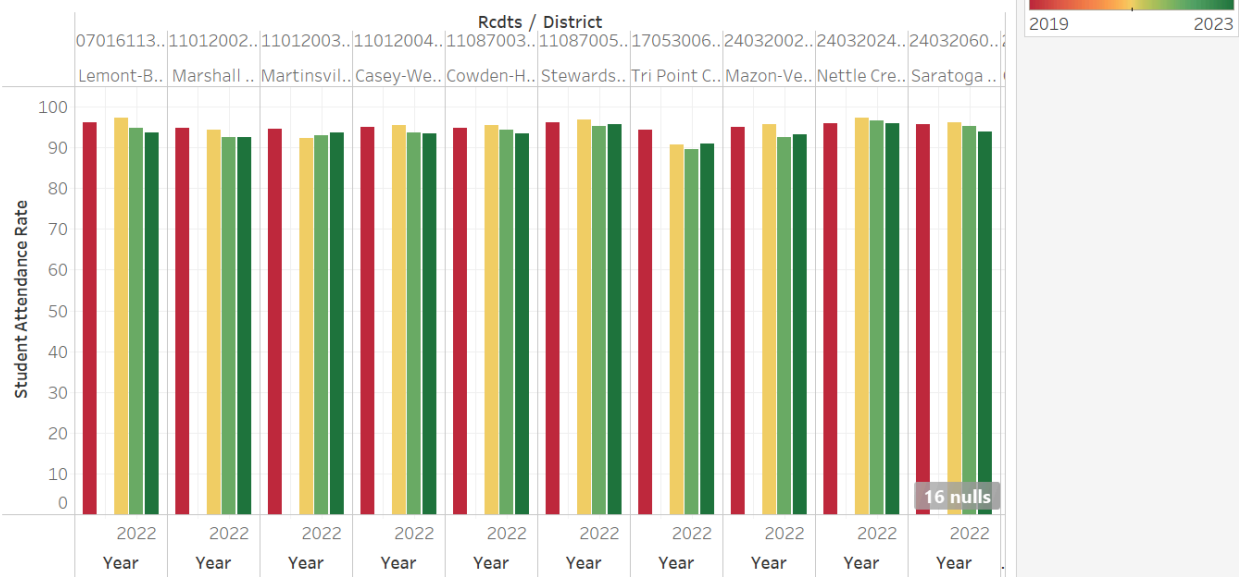


Name: Westville Community Unit School District 2
Statefp: 17

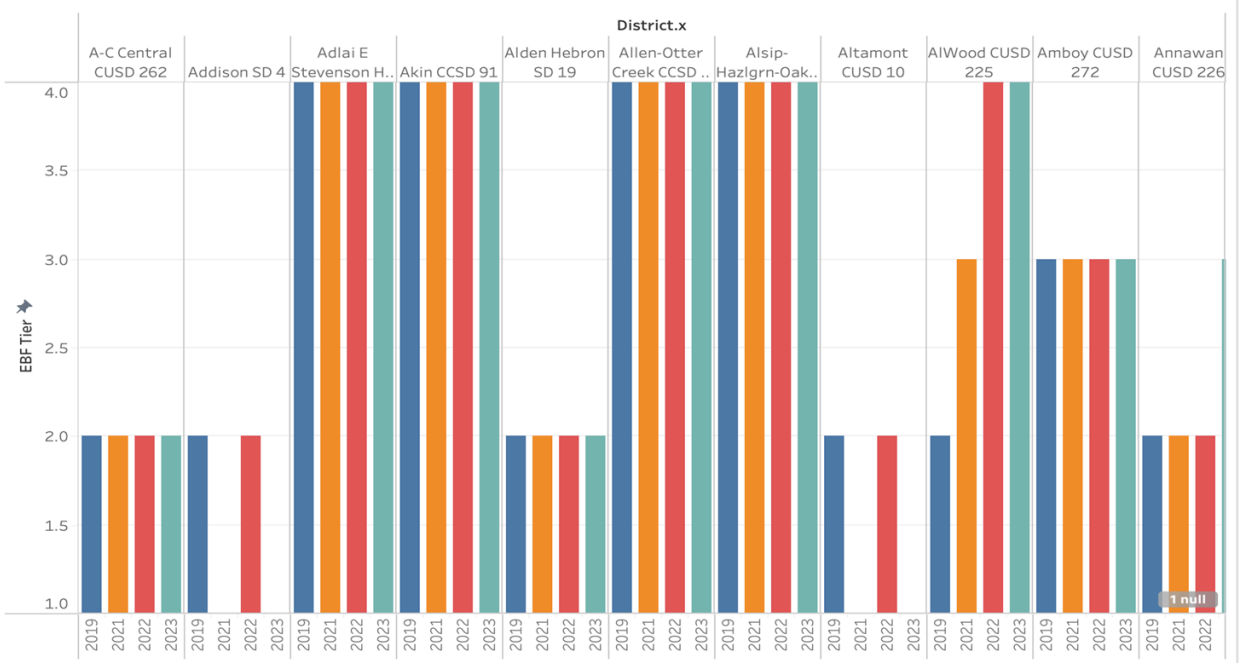
CA rate



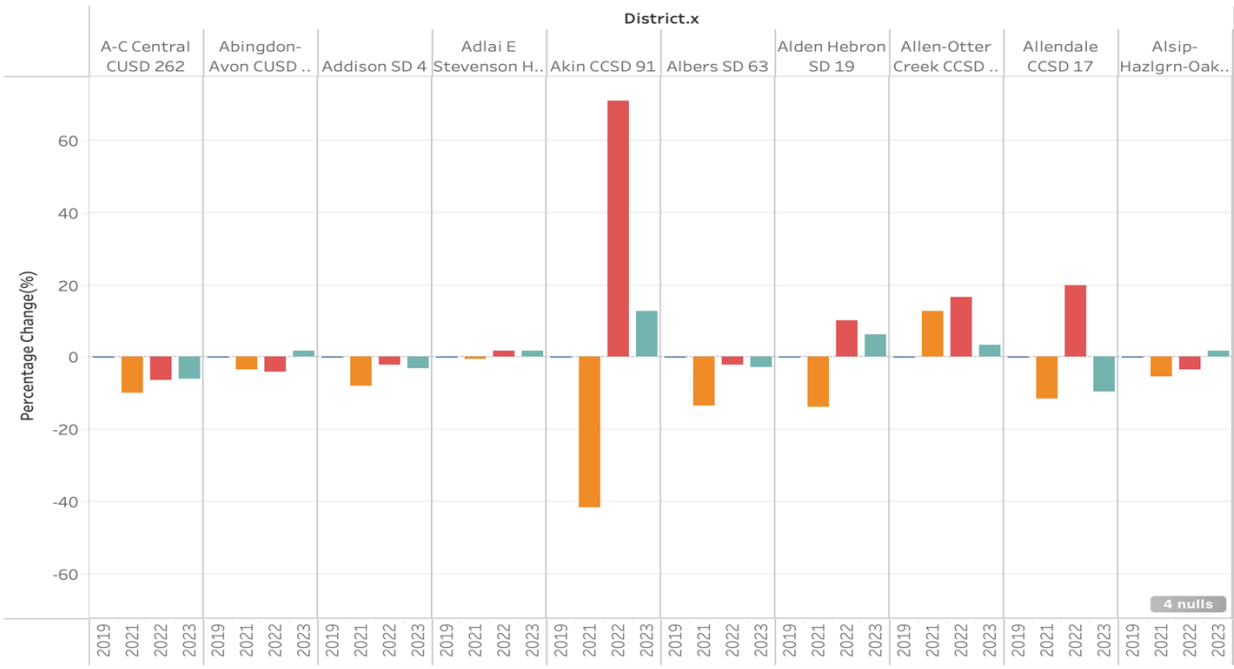
Attendance



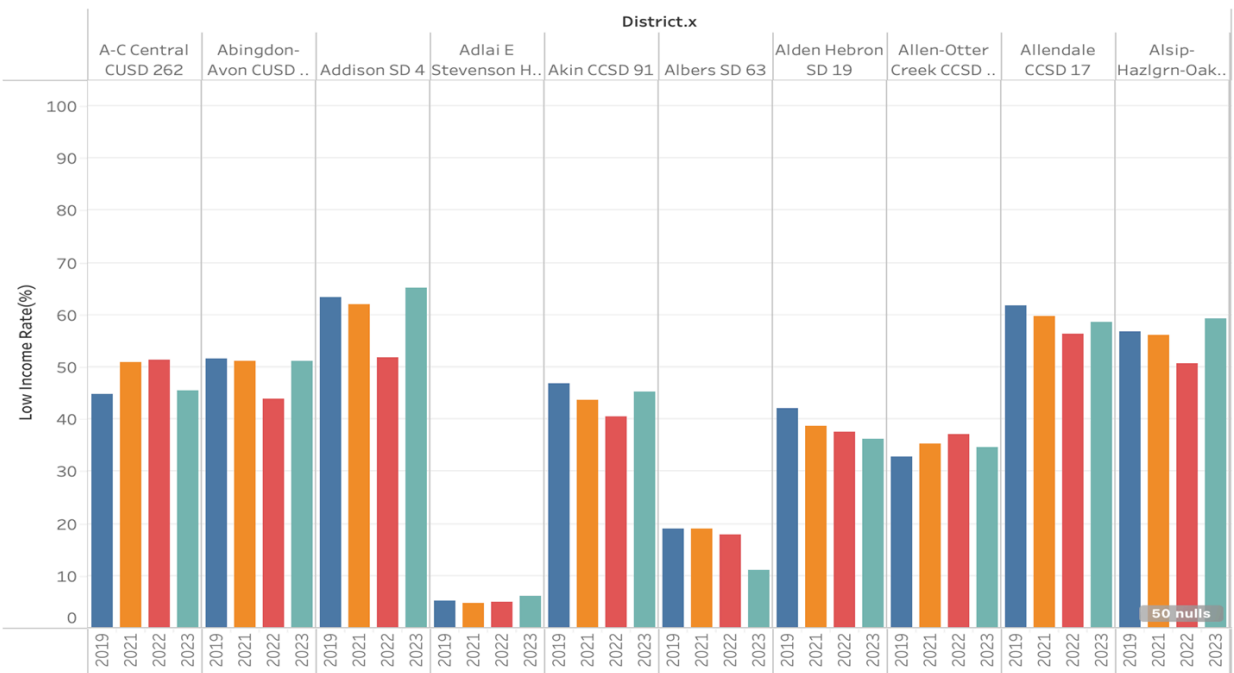
EBF Tier



Enrollment Rate



Low Income Rate



Next Steps

- The team will focus on integrating all visualizations into a dashboard(eg, attendance, CA rate, low-income rate, enrollment rate, EBF tier, school district, etc)

Challenges Faced

- a. Due to unknown reasons, all team members can't access the Tableau cloud, so we can't integrate all our visualizations into the cloud. We will create a new, clean dataset that includes all the variables we need in the former visualization and then create a dashboard.
- b. When we create a new dataset including map data, we need to consider which variable we can use to merge two datasets, otherwise, we have to manually adjust the school district name column to merge both datasets.

Team meeting

- 3/7 10:30~12:00
- 3/12 9:40~11:00
- 3/12 21:00~22:00

Future client meeting:

- 2/24 9:30~10:30
- The client will travel to DC for a conference on 3/13, so we will schedule another meeting with her after spring break.