



Representation in Langley Park School Area

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Background:

- Langley Park Civic Association: non-profit org. enhancing Langley Park community and adjacent jurisdictions
- Engaged in various activities, including clean-ups, tree-planting, and providing aid to families affected by COVID-19
- Primary goal: provide evidence of inadequate representation/misrepresentation of certain ethnic groups in leadership positions, establishing link between leadership and students



Purpose:

- Produce a comprehensive report investigating relationships between individuals in leadership roles and various ethnic groups/subsets of the student population, which involves collects, analyzes, and presents data from schools in Langley Park area of P.G. County



Data Gathering

- All the data on this project was collected from the PGCPs website.
- The data includes student enrollment information and student demographics.
- The data was obtained for the previous two academic years, 2020-2021 and 2021-2022.
- The team collected student demographic information from 17 school including 2 high schools, 3 middle schools, and 12 elementary schools located in the Langley Park area.



Challenges

- Our team faced significant challenges during the data collection and communication phase of the project:
 - **Lack of Resources:** We struggled with the lack of resources to find the required data requested from our client, and data unavailability from some schools surrounding Langley Park. Data from only a few schools cannot represent the entire community's population.
 - **Maryland Public Information Act:** We discovered the Maryland Public Information Act towards the end of the semester, which grants public access to public records, which could have supported our data even further. However, the time it takes to receive a response would have delayed our project's deadlines.



Data processing

- We obtained the data in an excel format
- Data clean up: formatting, typos and null values
- Data reductions
- Sample pool filtering



Insights

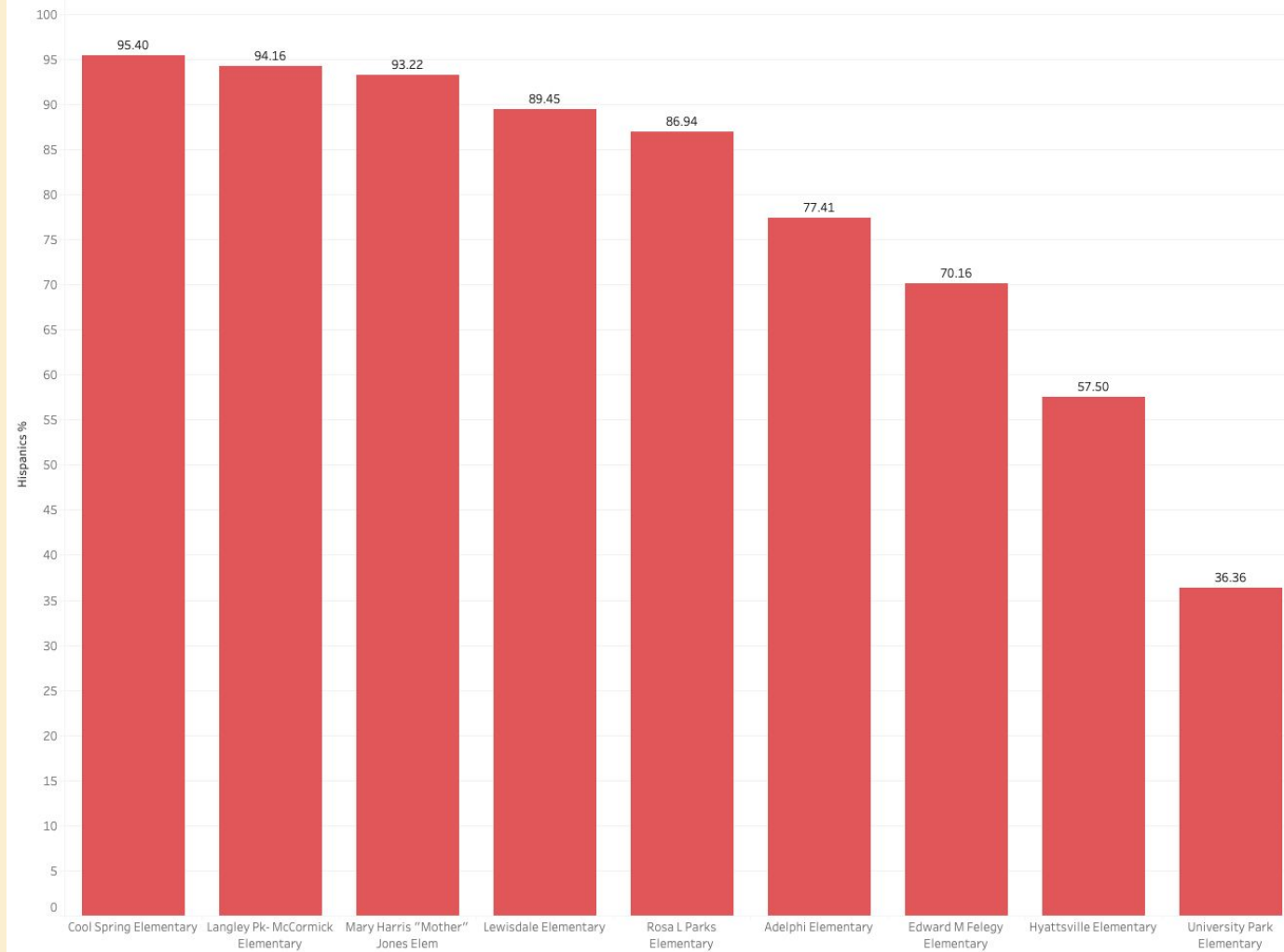
We analyzed the following metrics

1. Math and English Proficiency
2. Building Utilization
3. Percentage of students who qualify for free lunch
4. Percentage of students who identify themselves as Hispanics

Insights

- **Cool Springs elem:**
95.4%
- **Langley Park elem:**
94.16%
- **University Park:**
36.6%

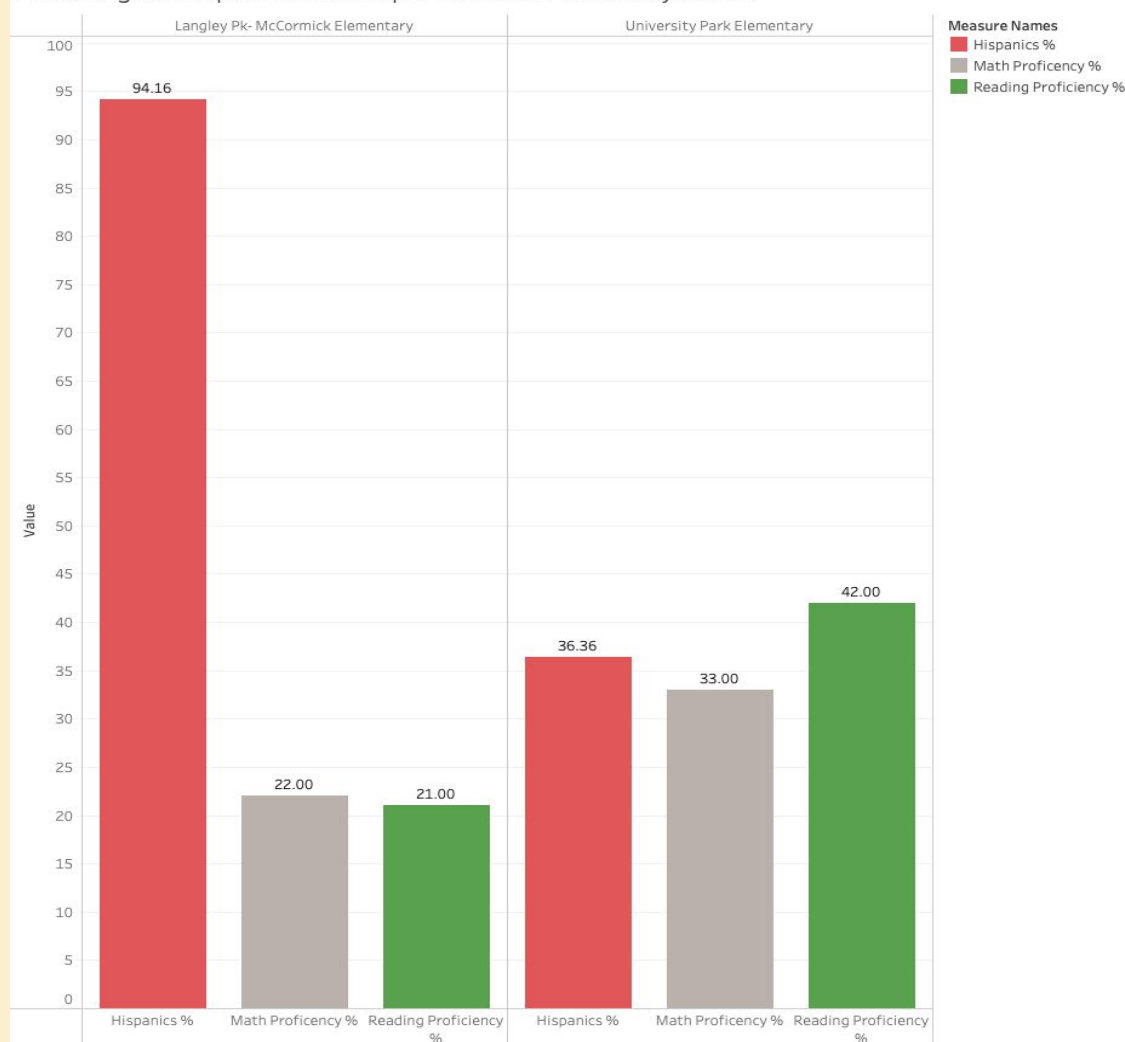
Percentage of Hispanic Students per School



Insights

- University Park Elementary has a Math proficiency score that is 50% higher than Langley Park elem and a reading proficiency that is double of the one from Langley Park elementary

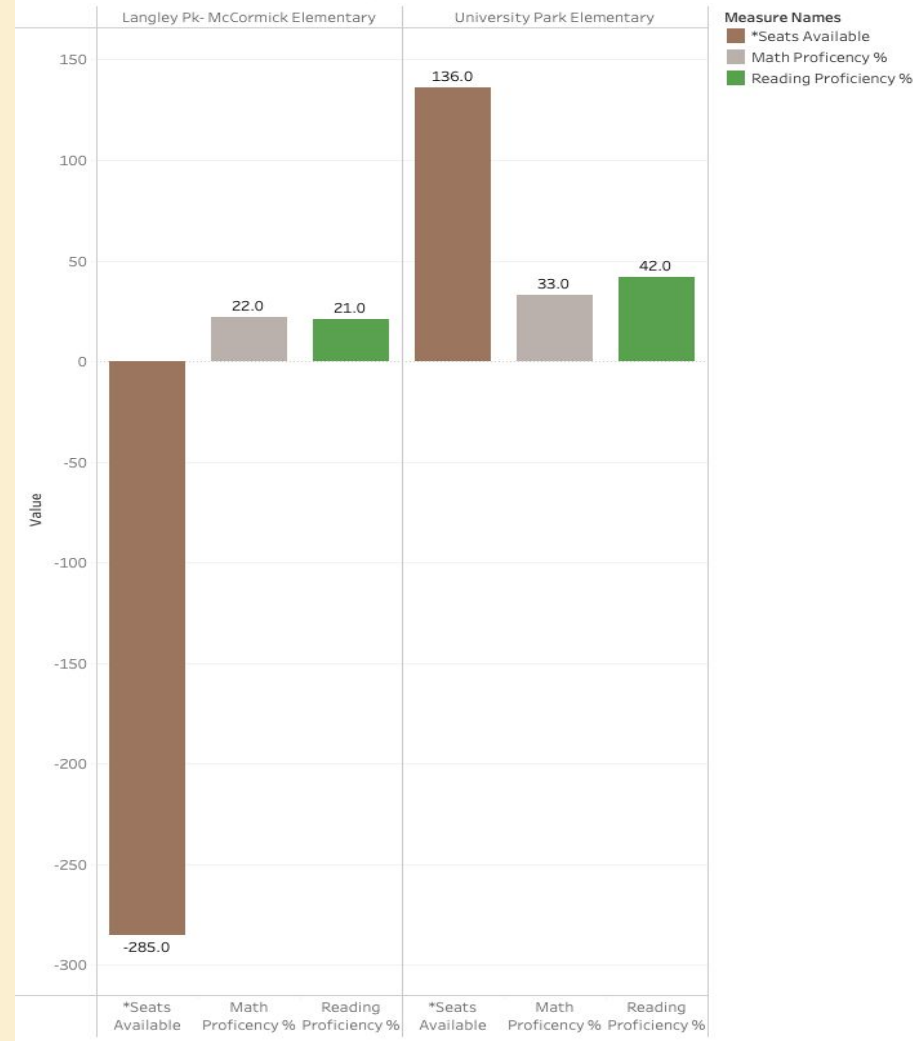
Percentage of Hispanic Students per School vs Proficiency scores



Insights

- University Park Elementary has a total of 136 seats available whereas Langley Park elem has a total of -285 seats available
- University Park Elementary has more resources available for their student

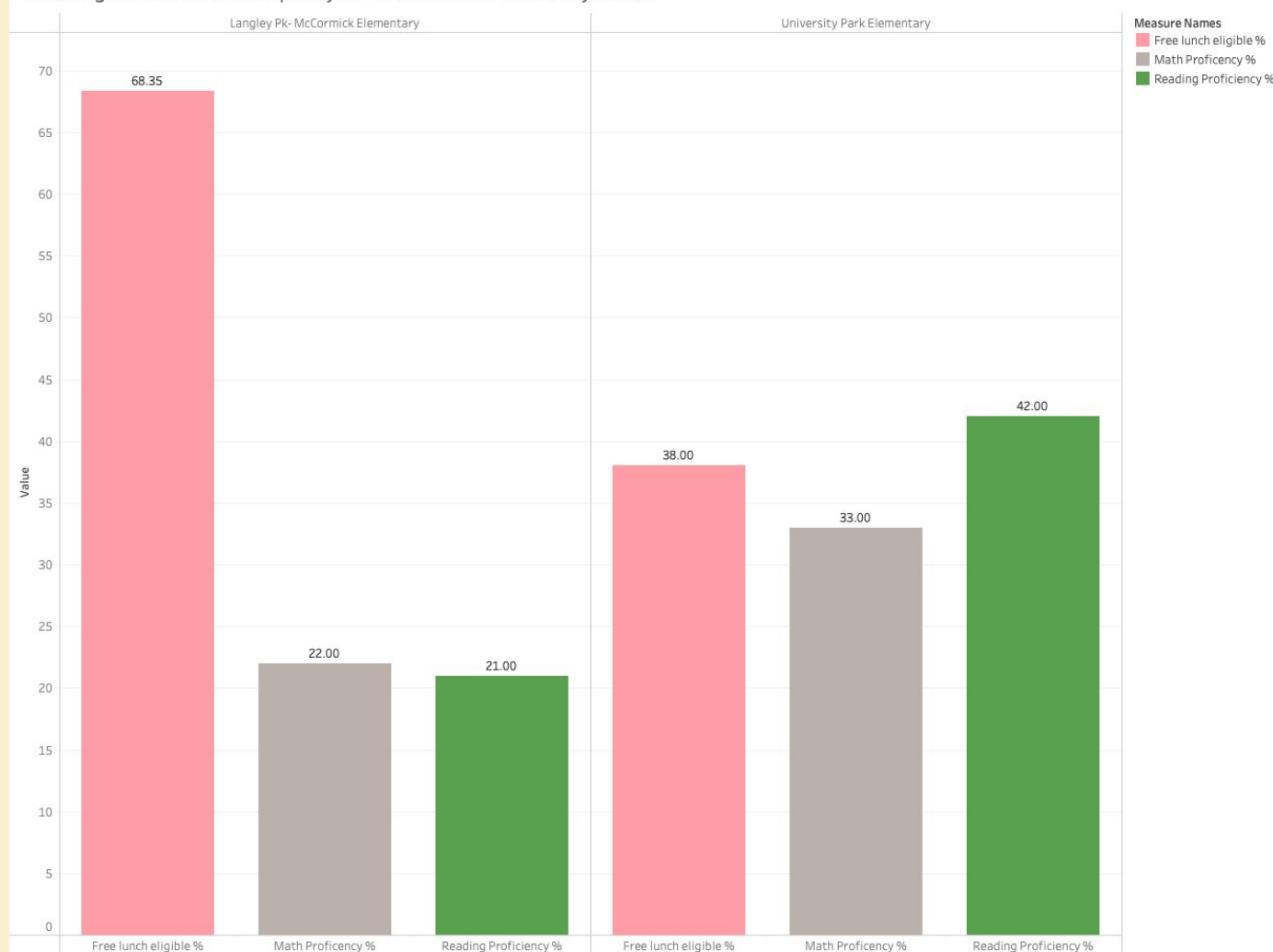
Seats available vs. Proficiency scores



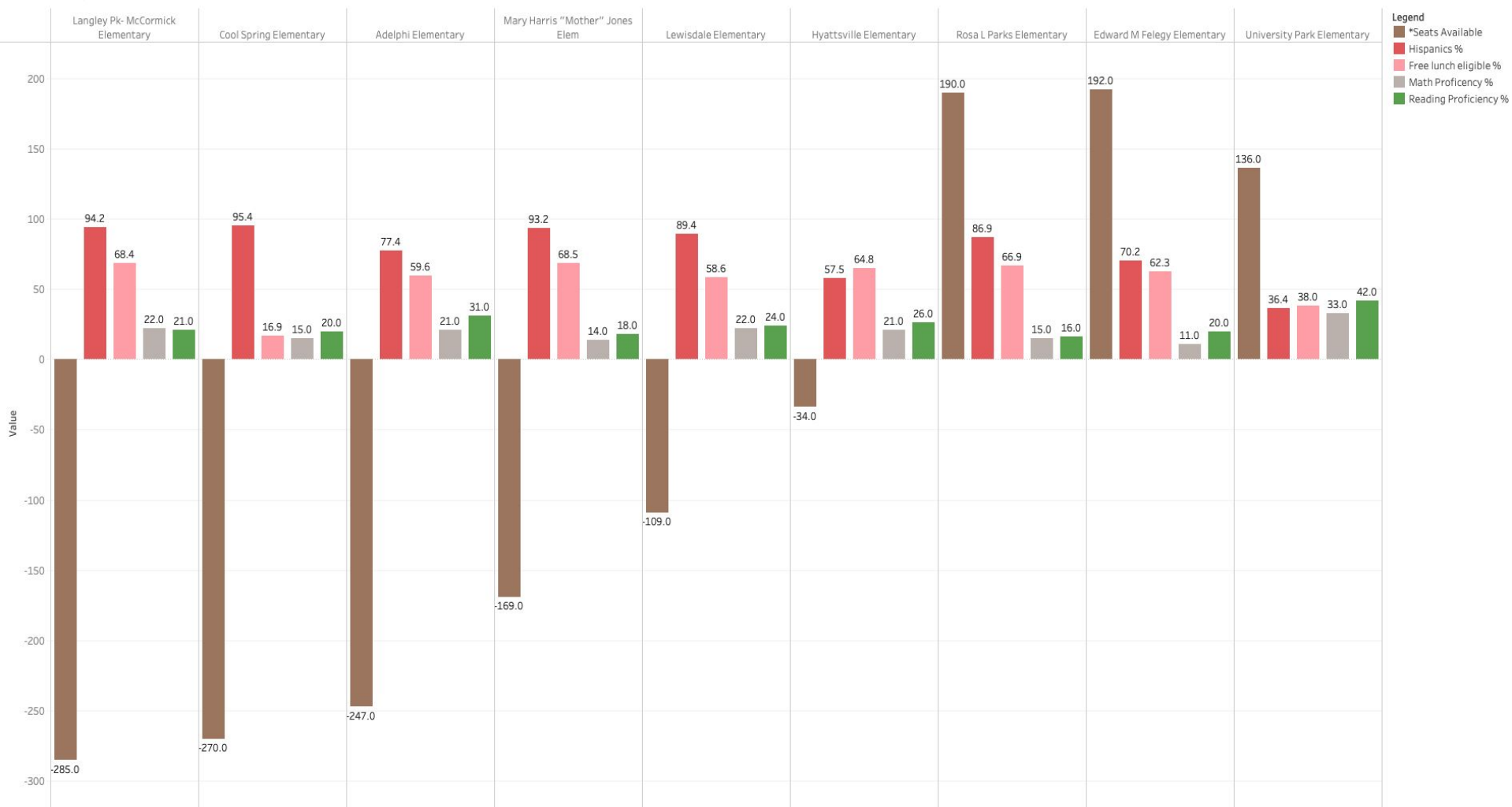
Insights

- 68% of students in Langley Park elementary qualify for free lunch whereas only 38% of students qualify in University Park elementary
- This indicates that more people are in need of financial aid in Langley Park elementary

Percentage of Students who qualify for free lunch vs Proficiency scores



Elementary School Statistics





Dashboard Overview



Future Related Forms and Documentation:

- Procedures for submitting PIA requests may vary by agency/department
- Steps for submitting PIA request:
 - Determine agency/department to submit request to
 - Identify specific information being requested
 - Draft a written request including contact information and clear description of information being sought
 - Submit request by email, mail, fax, or in person
 - Wait for response (30 days)
 - Review response and take further action if necessary



Resource:

- *National Center for Education Statistics (NCES) Home Page, part of the U.S. Department of Education.* (2022). Ed.gov; National Center for Education Statistics. <https://nces.ed.gov/>
- *Enrollment Reports.* (2013). Pgcps.org.
<https://www.pgcps.org/offices/pupil-accounting/school-boundaries/enrollment-report>
- *Public Information Act Requests.* (2023). Pgcps.org.
<https://www.pgcps.org/offices/general-counsel/public-information-act-requests>



Thank you

