



EPA CLEAN SCHOOL BUS

Program Overview and Round One of Rebates

Juan C Morales

Overview of the Bipartisan Infrastructure Law's Clean School Bus Program

Under **Title XI: Clean School Buses and Ferries**, the Bipartisan Infrastructure Law (BIL) provides **\$5 billion** over five years (FY22-26) for the replacement of existing school buses with clean school buses and zero-emission school buses.

These new clean school bus replacements will produce either zero (EV) or low tailpipe emissions (CNG/Propane) compared to their older diesel predecessors.



Overview of the Bipartisan Infrastructure Law's Clean School Bus Program

Under **Title XI: Clean School Buses and Ferries**, the Bipartisan Infrastructure Law (BIL) provides **\$5 billion** over five years (FY22-26) for the replacement of existing school buses with clean school buses and zero-emission school buses.

These new clean school bus replacements will produce either zero (EV) or low tailpipe emissions (CNG/Propane) compared to their older diesel predecessors.

Buses from this program will result in cleaner air on the bus, in bus loading areas, and in the communities in which they operate.

2022 Clean School Bus Rebate Program was released in May and closed in August.

2023 Clean School Bus Grant and Rebate Programs: grant closed August 22nd.



Prioritization Criteria

2022 CSB Rebates*

*Please note that program criteria is subject to change in future rounds of CSB funding

1. In Need school districts

School districts listed in the Small Area Income and Poverty Estimates (SAIPE) School District Estimates for 2020 as having **20% or more students living in poverty**

School districts not listed in the SAIPE data, including most charter schools, **that self-certify as having 20% or more students living in poverty.** *EPA may ask for supporting documentation to confirm this self-certification.*

School districts located in the U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands

2. Rural school districts

School districts identified with locale codes “43-Rural: Remote” and “42-Rural: Distant” by the National Center for Education Statistics (NCES)

3. Tribal school districts

Bureau of Indian Affairs funded school districts and school districts that receive basic support payments for children who reside on Indian land



Changes in Prioritization Criteria

2023 Grants*

*Please note that program criteria is subject to change in future rounds of CSB funding

1. In Need school districts

This criteria will stay the same for the 2023 Grants program

2. Rural school districts

School districts identified with locale code “43-Rural: Remote” and “~~42-Rural: Distant~~” by the National Center for Education Statistics (NCES)

3. Tribal school districts

This criteria will stay the same for the 2023 Grants program

4. NEW: School Districts Where Schools Receive Title 1 Funding

For districts with 35,000+ students or 45+ schools





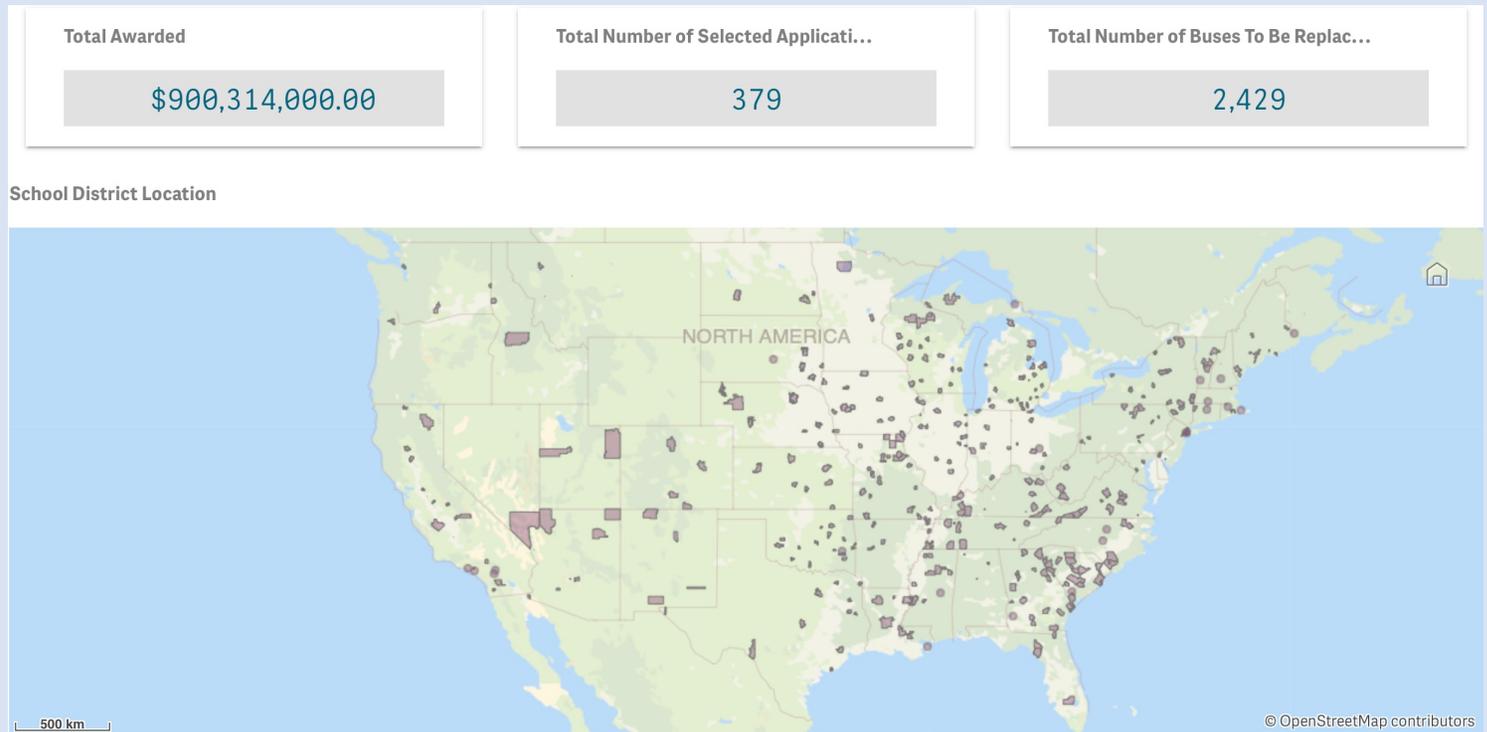
National: 2022 Clean School Bus Rebate Awards Map

Total # of Applications: 2,003

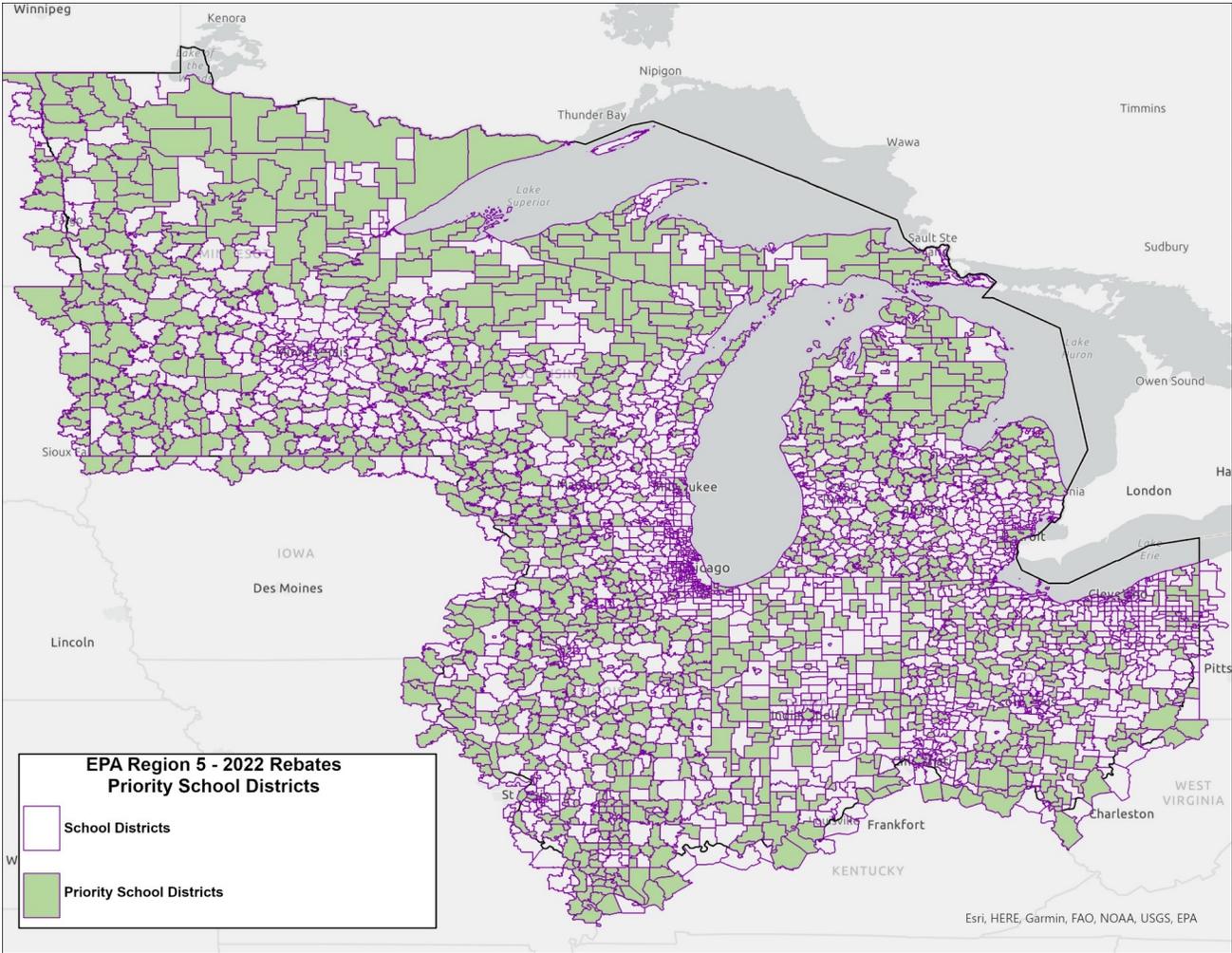
- Only 2 non-priority applicants selected

Total # of Replacement Buses: 2429

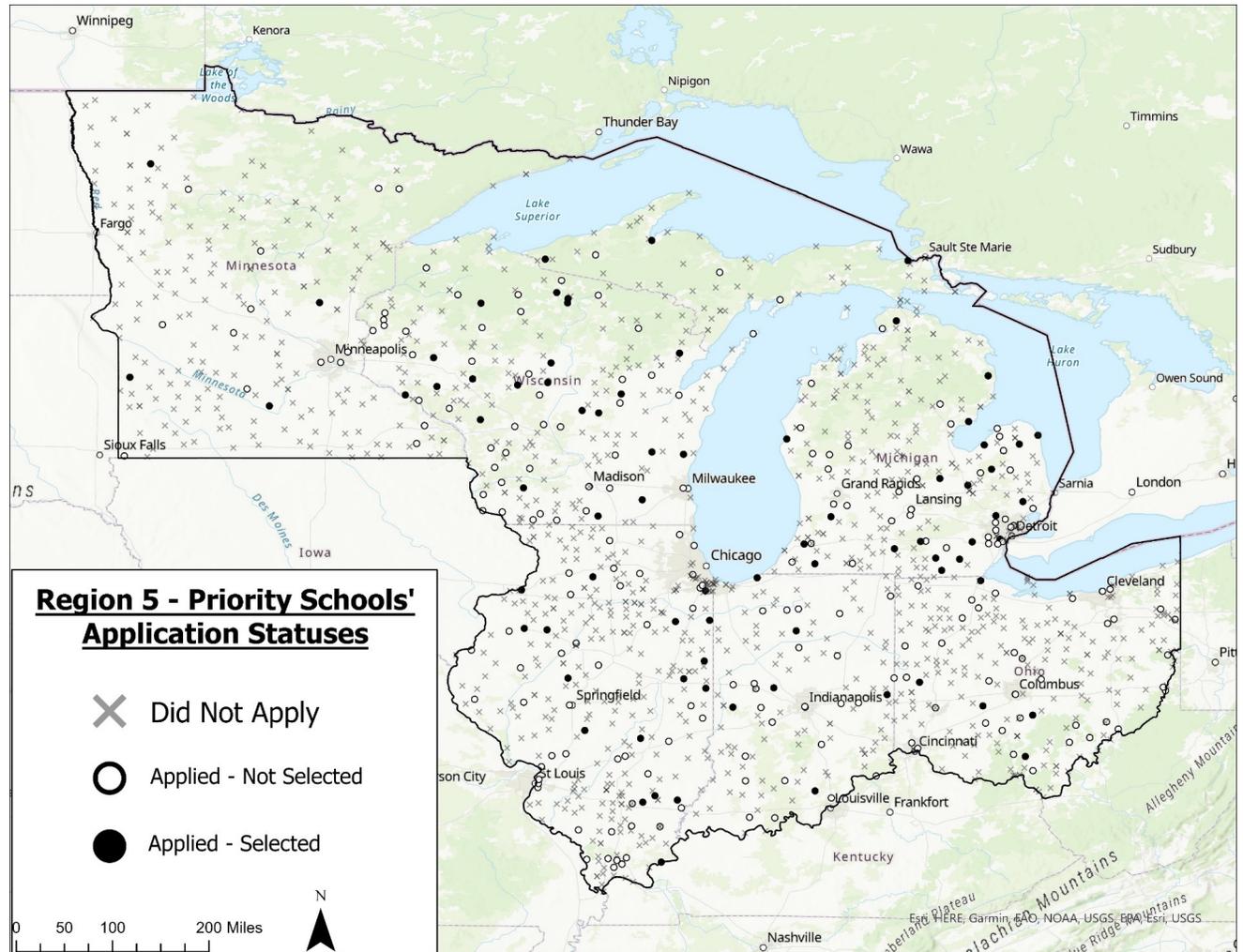
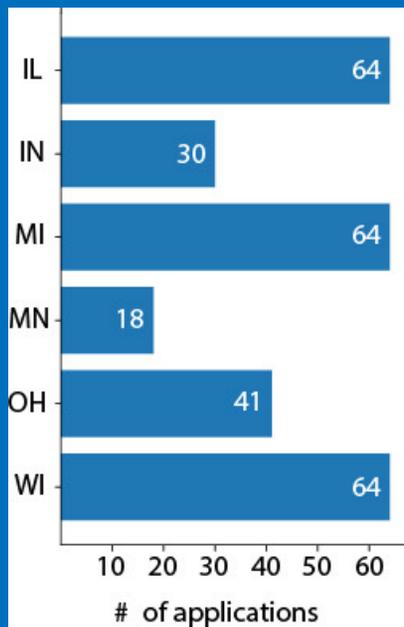
- Zero-emission EV buses: 2307 (~95%)
- Low-emission clean buses: 122 (~5%)



2022 R5 Rebate Priority School Districts



R5 Application Statuses





R5: 2022 Clean School Bus Rebate Awards Map

Total # of Selectees: 73

- 19% of all Selectees

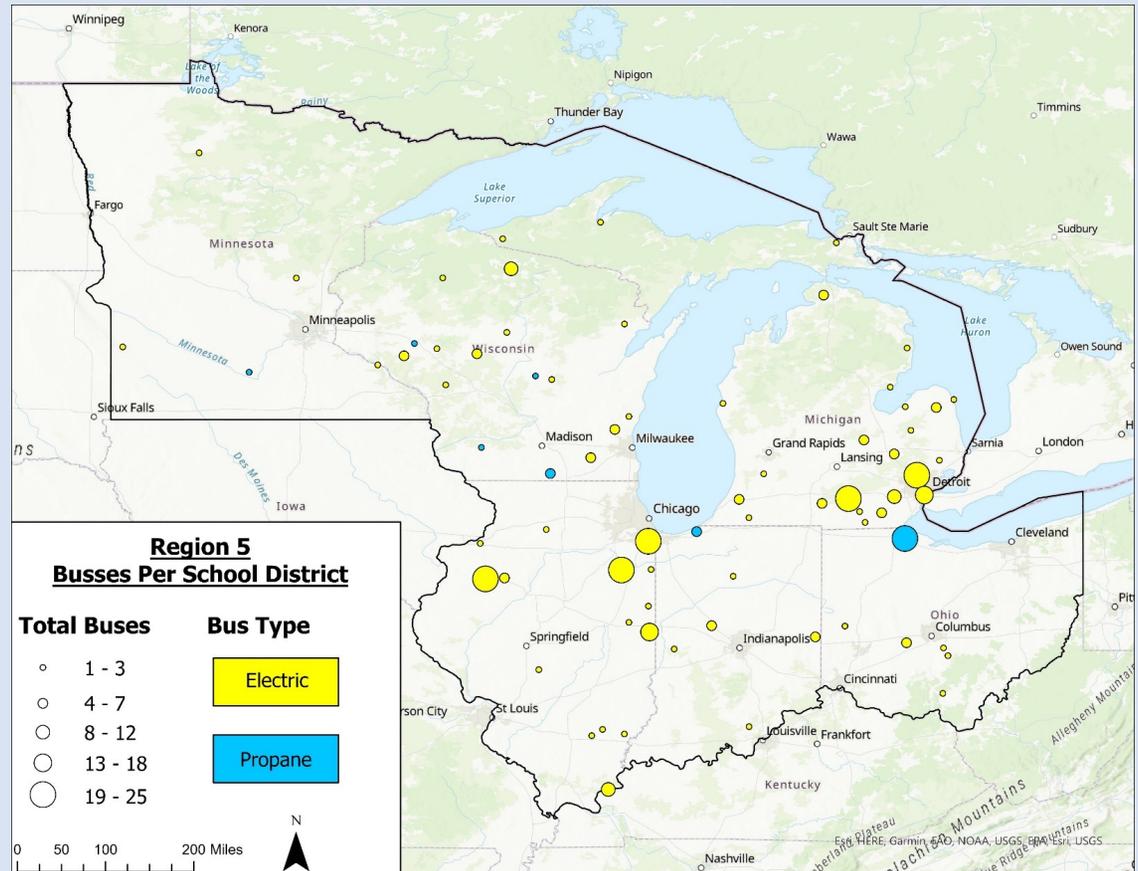
Total # of Buses Awarded: 389

Total # of Zero-Emission EV: 343

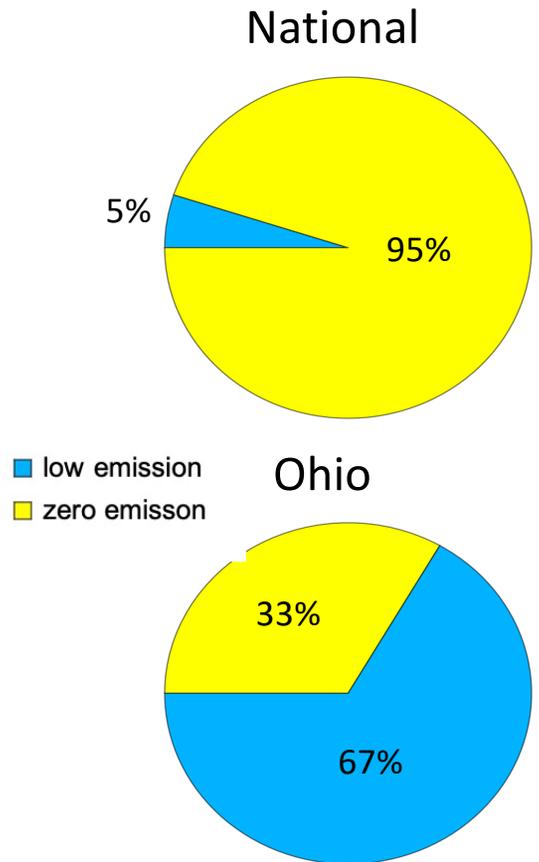
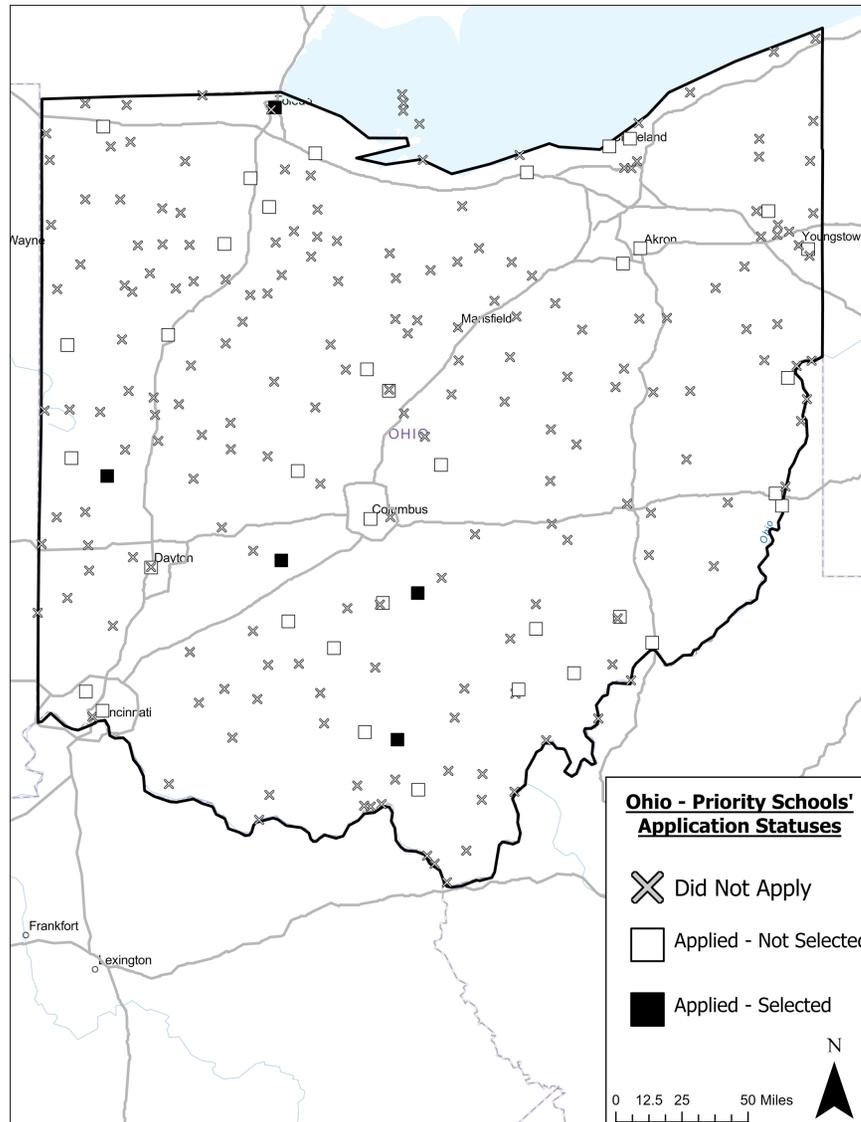
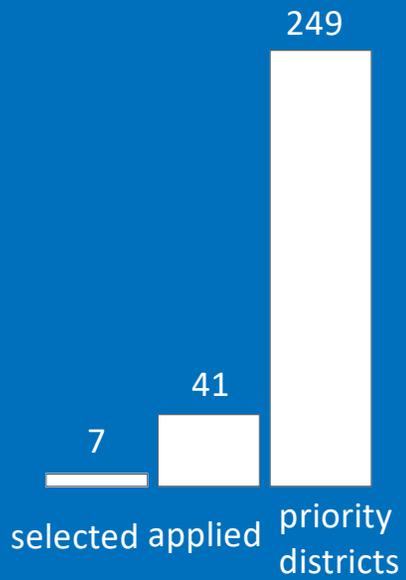
- 88% of R5 Buses

Total # of Low-Emission Gas: 46

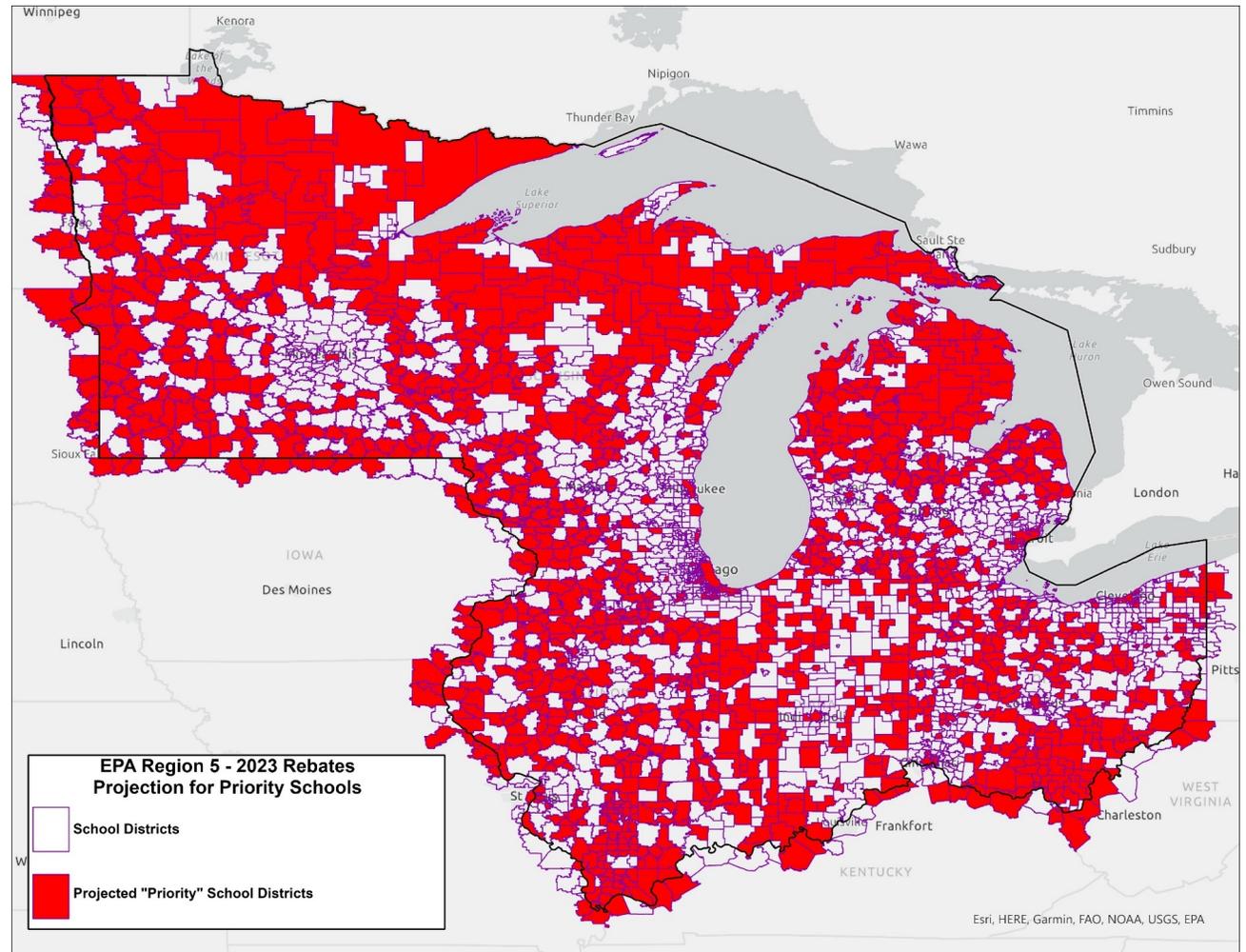
- 12% of R5 Buses



Ohio 2022 Rebate Results



2023 Rebates: Projecting Priority Districts





Summary

- ~ 1 billion dollars were awarded in rebates in the first round
- ~ 5 times the number of rebate applications selected were submitted
- 16% of priority school districts in Ohio applied for a rebate in the first round





The Official U.S. Government System for:

Contract Opportunities

Contract Data
(Reports ONLY from fpds.gov)

Wage Determinations

Federal Hierarchy
Departments and Subtiers

Assistance Listings

Entity Information
Entities, Disaster Response Registry,
Exclusions, and Responsibility/
Qualification (was fapiis.gov) **NEW**

Entity Reporting
SCR and Bio-Preferred Reporting

Register Your Entity or Get a Unique Entity ID

Register your entity or get a Unique Entity ID to get started doing business with the federal government.

Get Started

Renew Entity

Check Entity Status

School districts: check and ensure your SAM.gov registration is up to date NOW

- If pursuing a grant, also update your grants.gov account



Steps in Fleet Electrification

1 - Choose your fleet composition and complete a route analysis

- What is your route length, topography, and number of stops?
- What are the ambient temperatures in your area?
- What is your bus load (number of passengers)?

2 - Infrastructure planning and conduct a depot assessment to calculate up-front installation and operating costs with your local utility

- What is your existing power supply?
- What charging infrastructure is most appropriate for your fleet and the installation costs?
- Are any electrical upgrades needed to support your electric fleet and what is the cost?
- How will electrifying your fleet affect your electricity costs?

3 – Select and install Electric Vehicle Supply Equipment (EVSE)

- What is the best charger type for your electric school bus fleet?
- Are these chargers compatible with your buses?
- Is there a certified electrical technician available to supervise EVSE installation and identify the installation timeline?

4 – Finalize your fleet composition

- Do your purchasing decisions agree with results of your route analysis?
- Do your chosen buses meet Clean School Bus Program eligibility requirements?
- Does the manufacturer offer data collection software to monitor your electric school bus fleet?

5 – Identify and train personnel needed to operate and maintain the fleet

- Who will be responsible for performing service and maintenance on the buses?
- Have drivers been trained on how to safely operate an electric school bus?
- Does everyone understand how to charge the bus and when the bus should be charged?



