Geographic Update Partnership Software (GUPS) Web Supporting Geographic Partnership Programs

New York State Data Center Affiliate Meeting
October 29, 2024

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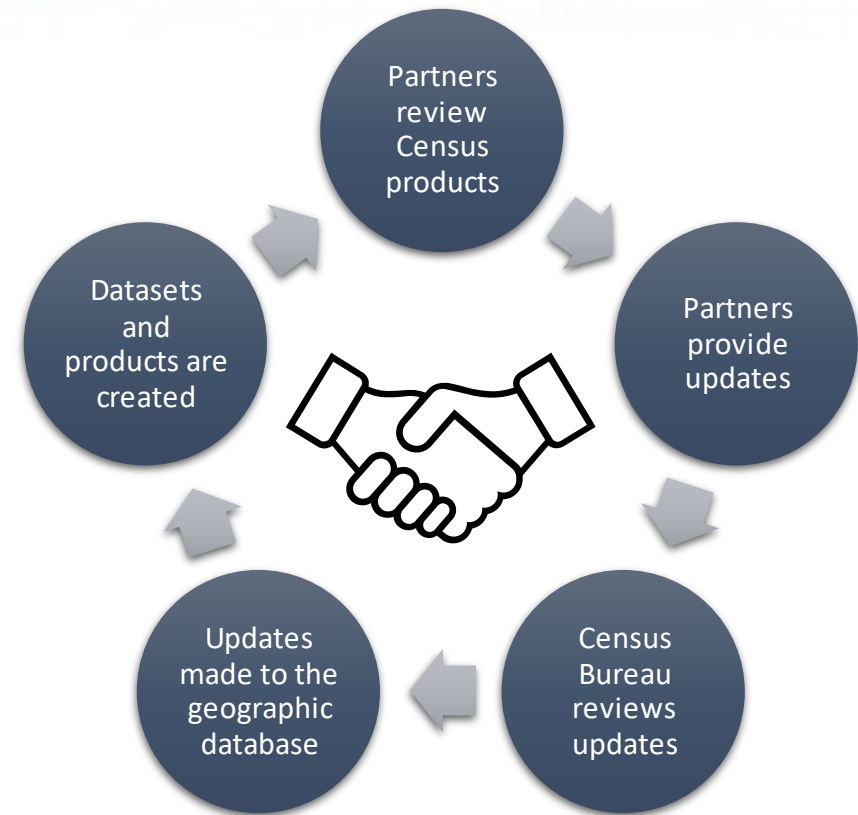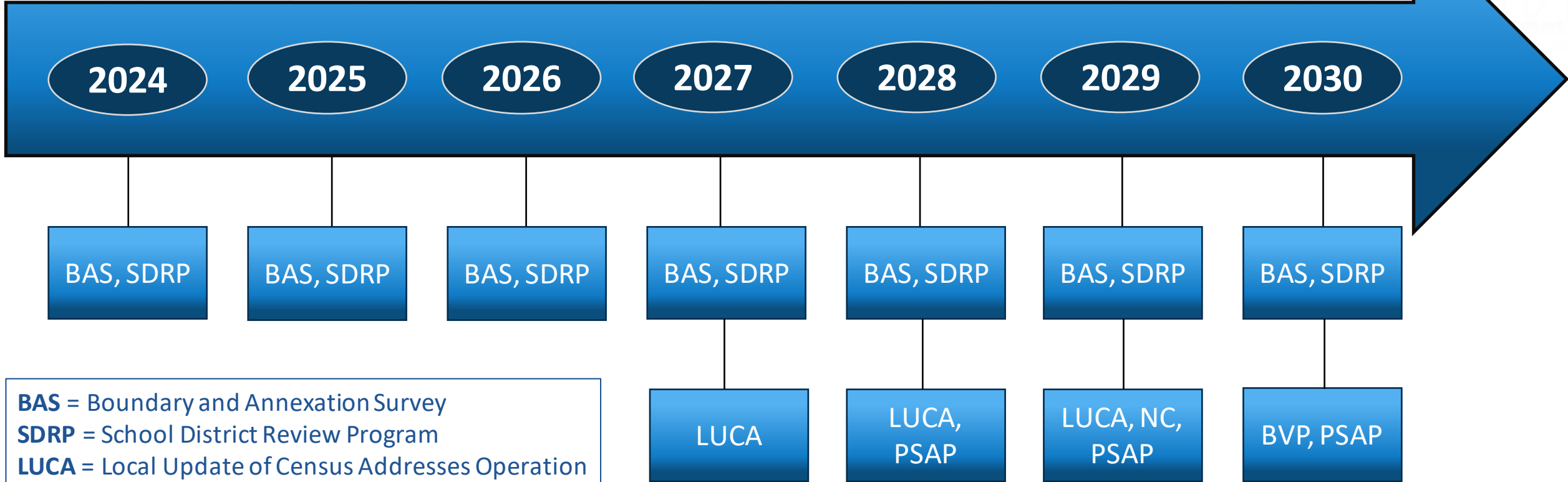Geography Division
U.S. Census Bureau

Agenda

- Geographic Partnership Programs
- Geographic Update Partnership Software (GUPS)
- GUPS Web Overview
- GUPS Web Demo

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Geographic Partnership Programs

- The U.S. Census Bureau maintains and updates nationwide datasets for:
  - ○ Legal Boundaries
  - ○ Statistical Boundaries
  - ○ Administrative Boundaries
  - ○ Addresses

Partners review Census products

Partners provide updates

Census Bureau reviews updates

Updates made to the geographic database

Datasets and products are created

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Geographic Partnership Programs Timeline

2024	2025	2026	2027	2028	2029	2030
BAS, SDRP	BAS, SDRP	BAS, SDRP	BAS, SDRP	BAS, SDRP	BAS, SDRP	BAS, SDRP
			LUCA	LUCA, PSAP	LUCA, NC, PSAP	BVP, PSAP

BAS = Boundary and Annexation Survey
SDRP = School District Review Program
LUCA = Local Update of Census Addresses Operation
PSAP = Participant Statistical Areas Program
NC = New Construction Program
BVP = Boundary Validation Program

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Boundary and Annexation Survey (BAS)

- An annual opportunity to review the Census Bureau's legal boundary data.

- Governments can report legal boundary changes, such as:
  - Annexations and deannexations.
  - Legal status changes.
  - Incorporations and disincorporations.
  - Small corrections to spatially incorrect boundaries.

- Updates to Census Designated Places (CDPs) can be completed through BAS.

- BAS Timeline:
  - January: Annual response email is sent.
  - March 1: Initial BAS deadline.
  - May 31: Final BAS deadline.

Boundary and Annexation Survey (BAS) (census.gov)

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Geographic Update Partnership Software (GUPS)

- GUPS is an open source software that provides participants the ability to update geospatial data and attributes for Census Bureau geographic partnership programs.

- GUPS provides tools for a user to load, display, and edit geospatial data.

- GUPS consists of a core system with 12 individual program interfaces.
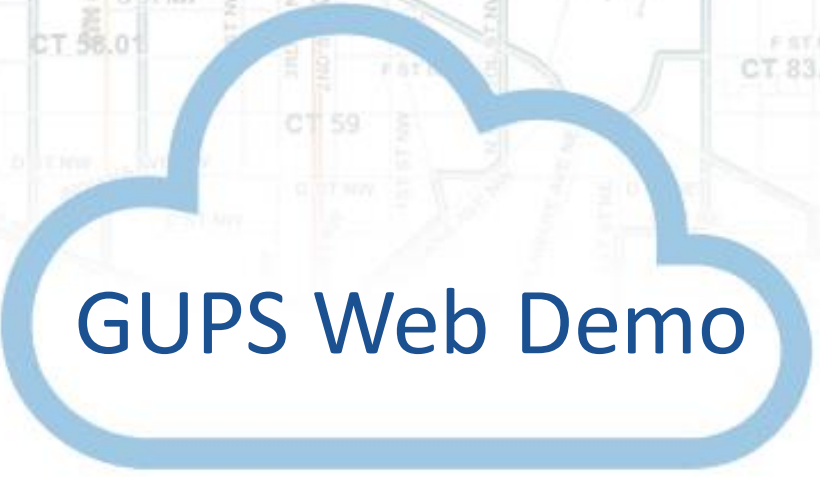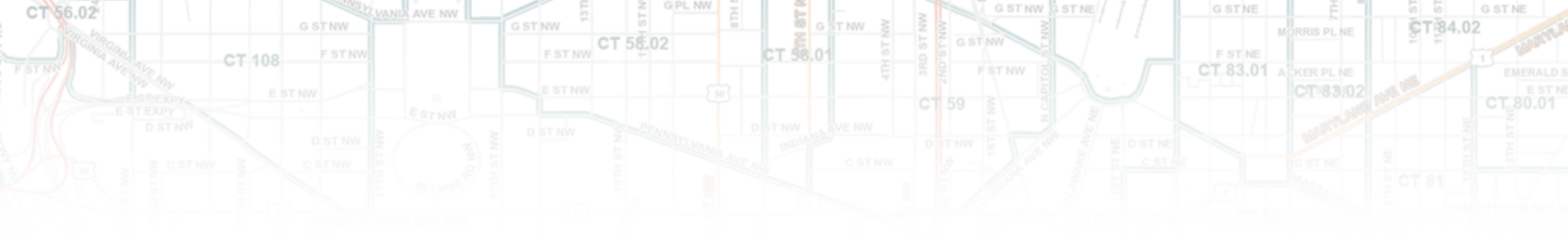
Introduction of GUPS Web

- Real-time collaboration with colleagues on submissions.

- Materials are available online.

- More processing power.

- Utilization of automated spatial analysis tools.

- Integration with Partner Portal.

- Multiple editing methods for creating updates.

GUPS Web Demo

Thank You

Questions?

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