Roundtable on Interdisciplinary and Inter-organizational Research and Innovation in Geospatial

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Development of the 2021 - 2031 Vision for the Geographic Support Program

- Continue the programs, data offerings, methodologies, and procedures that work well.
- Capitalize on our use of automated methods and technology.
- Perform continuous assessment of our data and products – are they still relevant?
- Improve and expand data in the MAF/TIGER System.
- Expand use of our data by partners inside and outside the Census Bureau.

However, we recognized that this Vision was incomplete without hearing directly from our external stakeholders.

Geographic Support Program Listening Tour

Geospatial Data

Provide geospatial data and tools to data users and citizens to increase decision-making ability.

Automated Processes

Utilize automated change detection for decision-making and sharing results with partners to track landscape changes.

Collaboration

Partner with state and higher-level governments for more efficient geospatial data updates, reducing the burden on local governments.
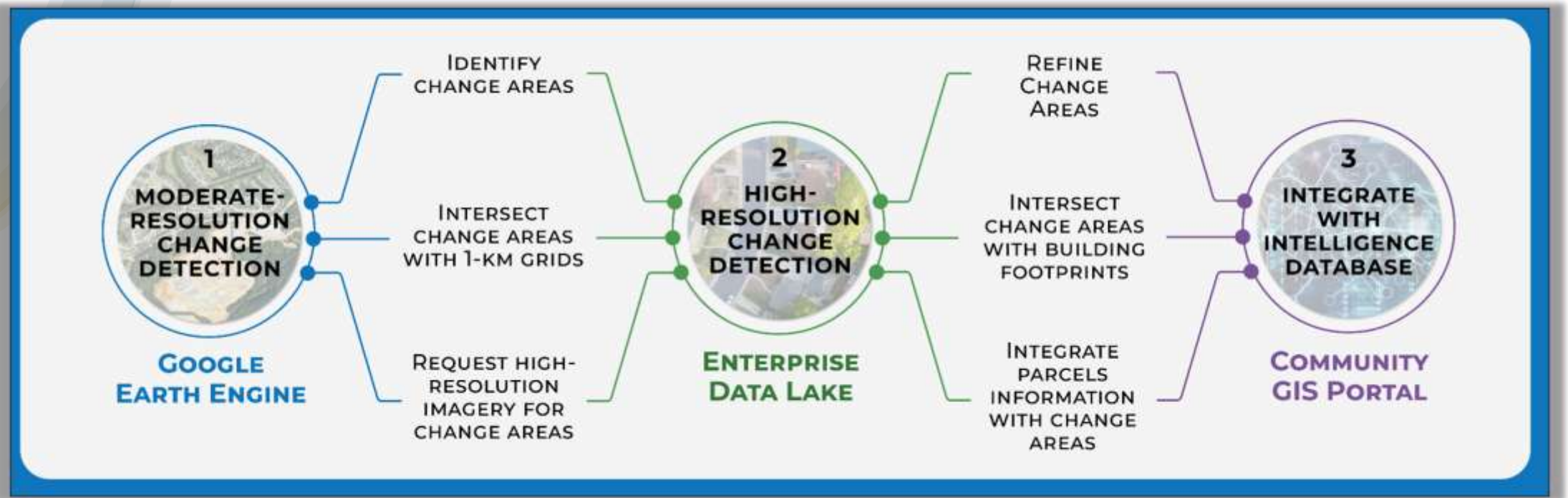
Partnerships and Communication

Develop a "one-stop shop" Partner Portal for boundary, feature, and address updates, enabling access to participation info, data, and communication with Census Bureau staff.
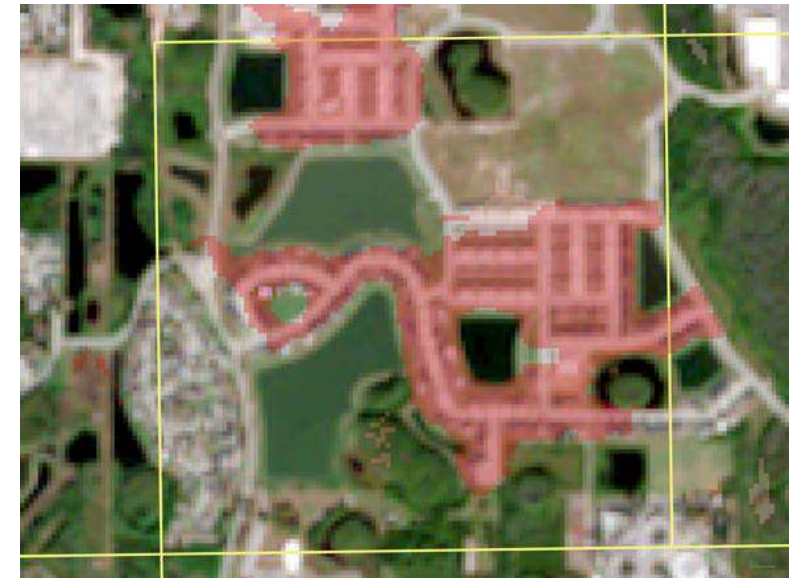
Geospatial Data Tools
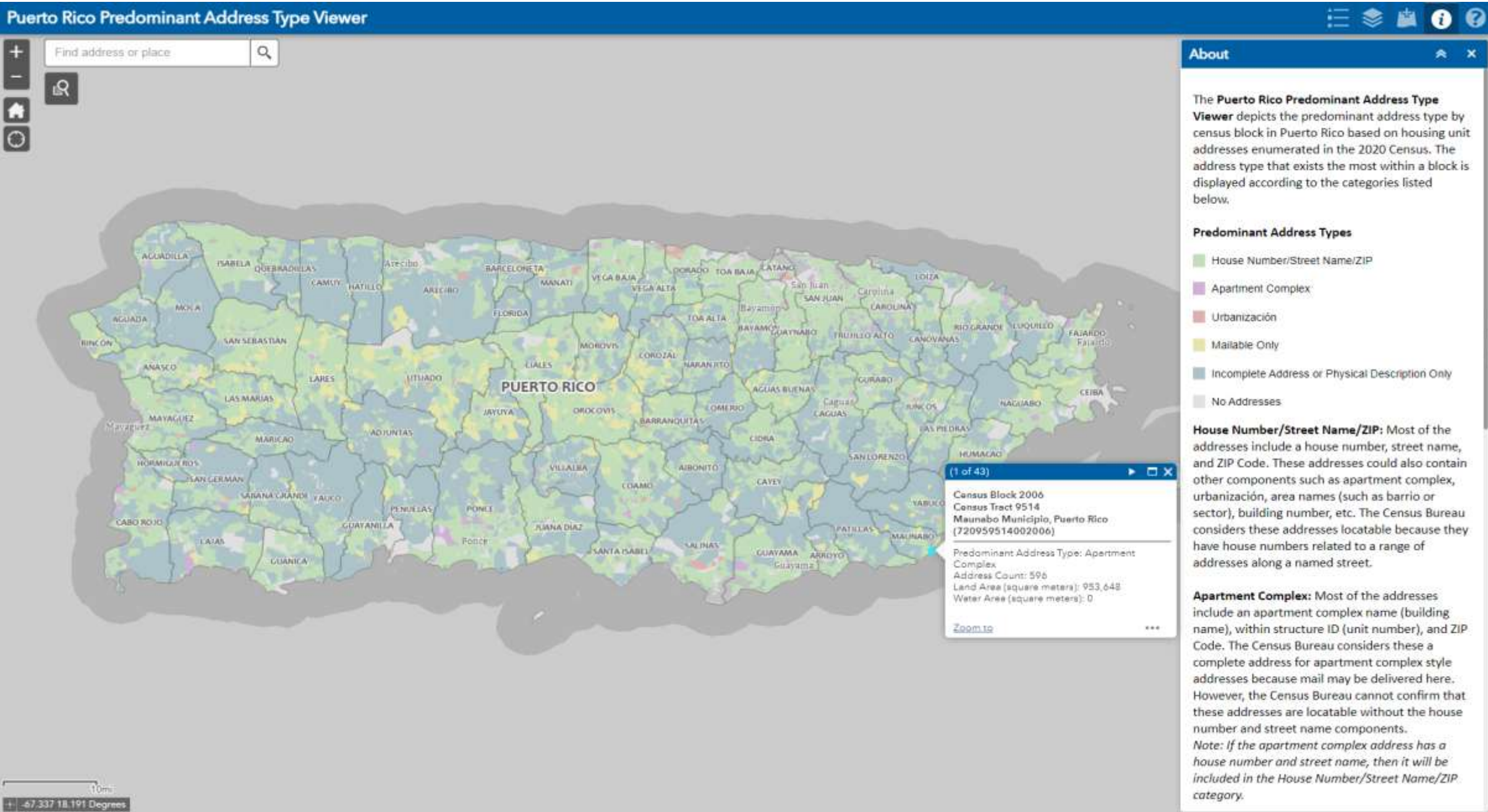
Automated Change Detection

Automated Change Detection

Moderate-Resolution Imagery

Top: Moderate-resolution imagery tile from ESA Sentinel-2, captured 04/03/2020.

Bottom: Moderate-resolution imagery tile from ESA Sentinel-2, captured 11/04/2023 and overlayed with areas of change.

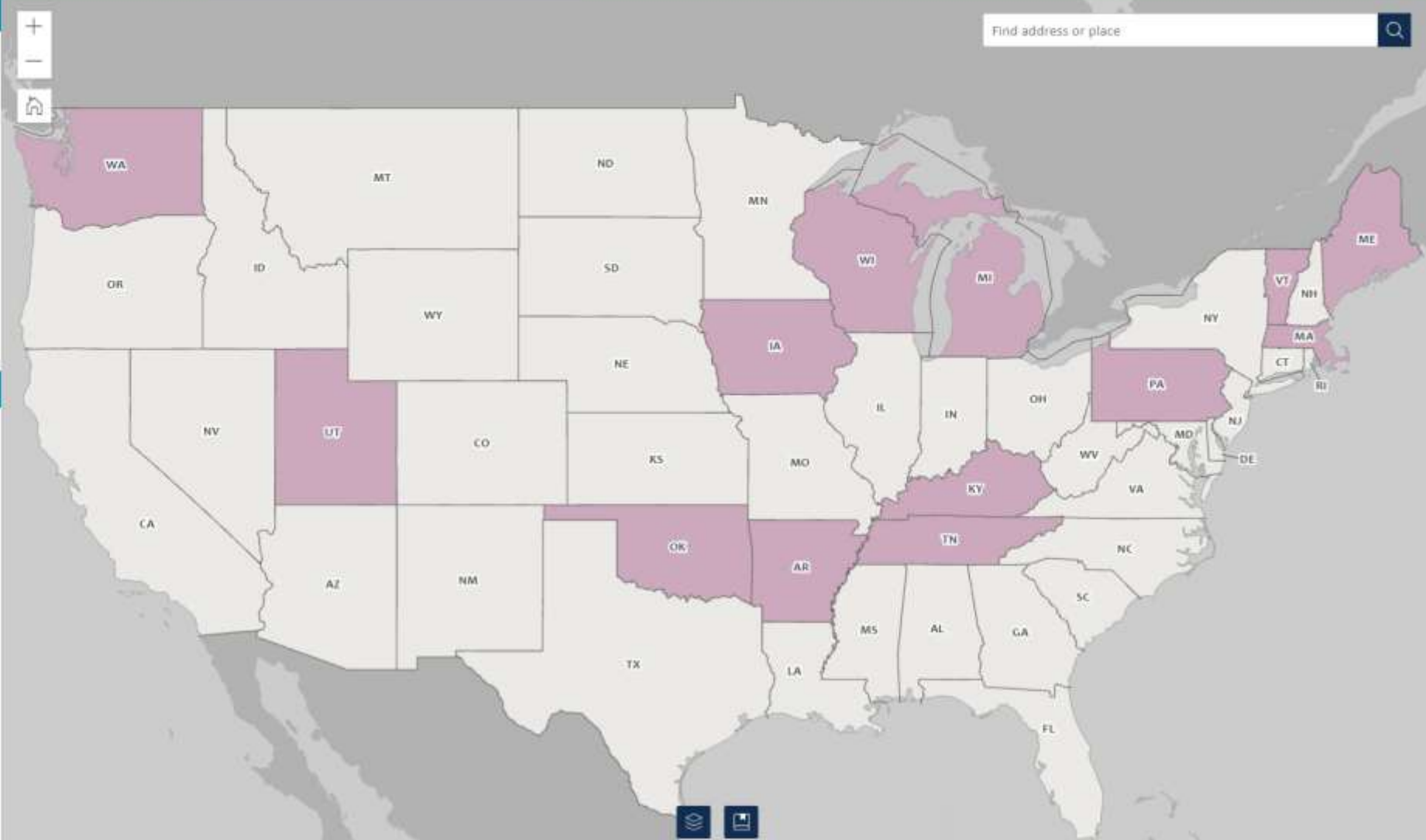# Automated Change Detection

High-Resolution Imagery

Top: High-resolution imagery tile from Maxar Global Enhanced GEOINT Delivery (G-EGD), captured 3/12/2023.

Bottom: High-resolution imagery tile from Maxar Global Enhanced GEOINT Delivery (G-EGD), captured 3/12/2023, with existing base building footprint layer shown in blue and new building footprints extracted on 11/06/2023 shown in red.

Collaboration

Partnership and Communication

Recent Collaborations – Address Geolocation Challenge

Interdisciplinary and Inter-organizational Collaborations

GeoGov 2023

National Spatial Data Infrastructure Strategic Plan

Geospatial World Forum 2024

U.S Summit and Pavilion

2024 Esri User Conference

Continued discussions with key national stakeholders

GeoGov 2024

Discussion on advancing the national geospatial ecosystem – strategy to implementation

Thank You

Deirdre Dalpiaz Bishop

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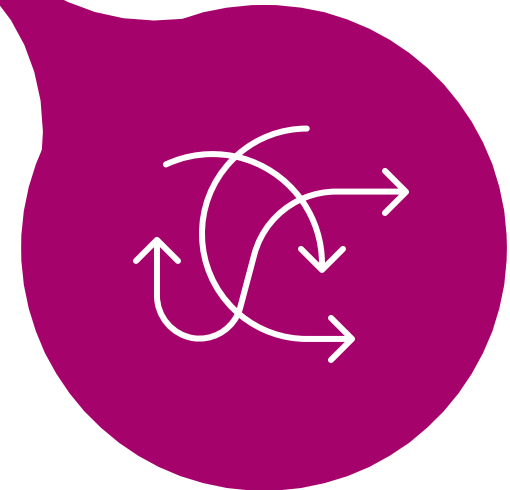U.S. Department of Commerce
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U.S. Census Bureau Vision

To be the trusted source for timely and relevant statistical information, and the leader in data-driven innovation.

U.S. Census Bureau Mission

To serve as the nation's leading provider of quality data about its people and economy.