

**DRAFT Pilot 4: Web Based Management Tools****Goal**

To create, provide, and maintain a web-based address management toolset that is used by the Census Bureau and its partners.

**Background**

In support of the Geographic Support System Initiative, the 2020 Census, and current surveys, the Geography Division will continuously update its Master Address File throughout the next decade. This will require the collection of current and authoritative address data from external stakeholders, such as local governments. It will be important for the Geography Division to streamline its address data sharing practices to ensure the least amount of intrusion and burden on its partners.

Many Census Bureau partners have expressed a need to use web-based tools that will improve address data management, improve quality, and make address data sharing easier. Additionally, the partners expressed that the tools need to:

1. Be easily accessible (in terms of both funding and technology).
2. Allow for role-based access and sharing.
3. Provide value-added services such as address standardization and geocoding.

**Objectives**

1. Define comprehensive requirements for a web-based address management toolset that meets the business needs of both the Census Bureau and its partners.
2. Develop, or identify an existing, web-based address management toolset that Census partners can use for continuous address data management.
3. Test a web-based address management toolset to determine if it will serve as a sufficient mechanism for address data sharing between the Census Bureau and its partners over the next decade.

**Suggested Tasks**

1. Establish a working group of participants, stakeholders and subject matter experts.
2. Establish partnership agreements with all of the working group participants and the Census Bureau.
3. Evaluate the requirements of all the working group participants and the Census Bureau to ensure that the proposed pilot will meet and satisfy the necessary requirements.
4. Determine:
  - a. how will the work be conducted.
  - b. who provides authoritative review.
  - c. how will the tools be tested.
  - d. what standards are to be used within the overall fabric of the pilot.
5. Using participants from the working group, conduct a pilot project to create, provide, and maintain a web-based address management toolset:

- a. Define the type of address data management tools and services that are required.
  - b. Identify existing address management tools and services. Evaluate and assess which additional requirements may be necessary to provide the required functionality.
  - c. Develop requirements.
8. Refine proposed toolset based on feedback and experience gained from pilot project(s).

**Success Criteria**

1. The Census Bureau develops and implements a web-based address management toolset.
2. The web-based address management toolset allows for standardization of addresses and geocoding.
3. Governments utilize the web-based address management toolset and realize value.
4. Governments submit address updates to the Census Bureau on a continuous basis.
5. Utilization and adoption of the tool set by other stakeholders outside the working group.

**Positive Impacts**

1. Continuous updates to the MAF/TIGER database will enhance the quality of the Census Bureau's address list and spatial database to allow for a targeted address canvassing in preparation for the 2020 Census.
2. Use of a web-based address management toolset will:
  - a. allow Census partners to develop and maintain standardized address data sets.
  - b. allow for continuous updates to the MTDB:
    - i. Submission of address data to the Census Bureau will be more user-friendly and less time consuming.
    - ii. Incoming address data will be standardized.
    - iii. Incoming address data will be geocoded.

**Negative Impacts**

1. Overcoming hurdles associated with Title 13.

**Constraints**

1. Hurdles associated with Title 13.

**Participants**

TBD

**Resources Required**

TBD

**Administrative Infrastructure**

TBD