



# Community TIGER: Tools from the U.S. Census Bureau for Address and Spatial Data Sharing

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# Address and Spatial Data Exchange



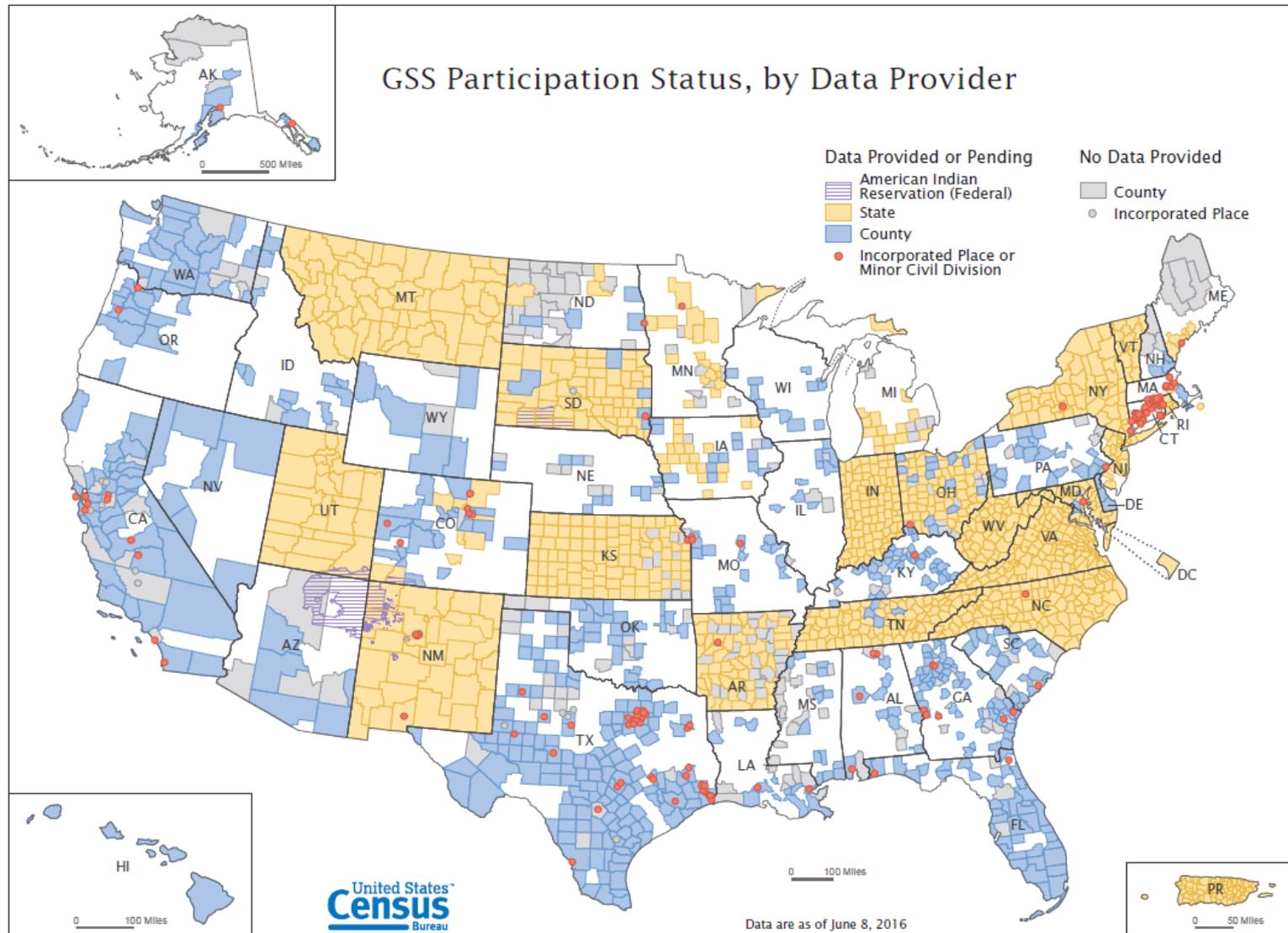
- Challenges
  - No single system for data exchange
  - Different missions
  - Different formats
  - Varying positional and temporal accuracies
  - Inconsistent attribution
  - Over/under geographic coverage

# Community TIGER



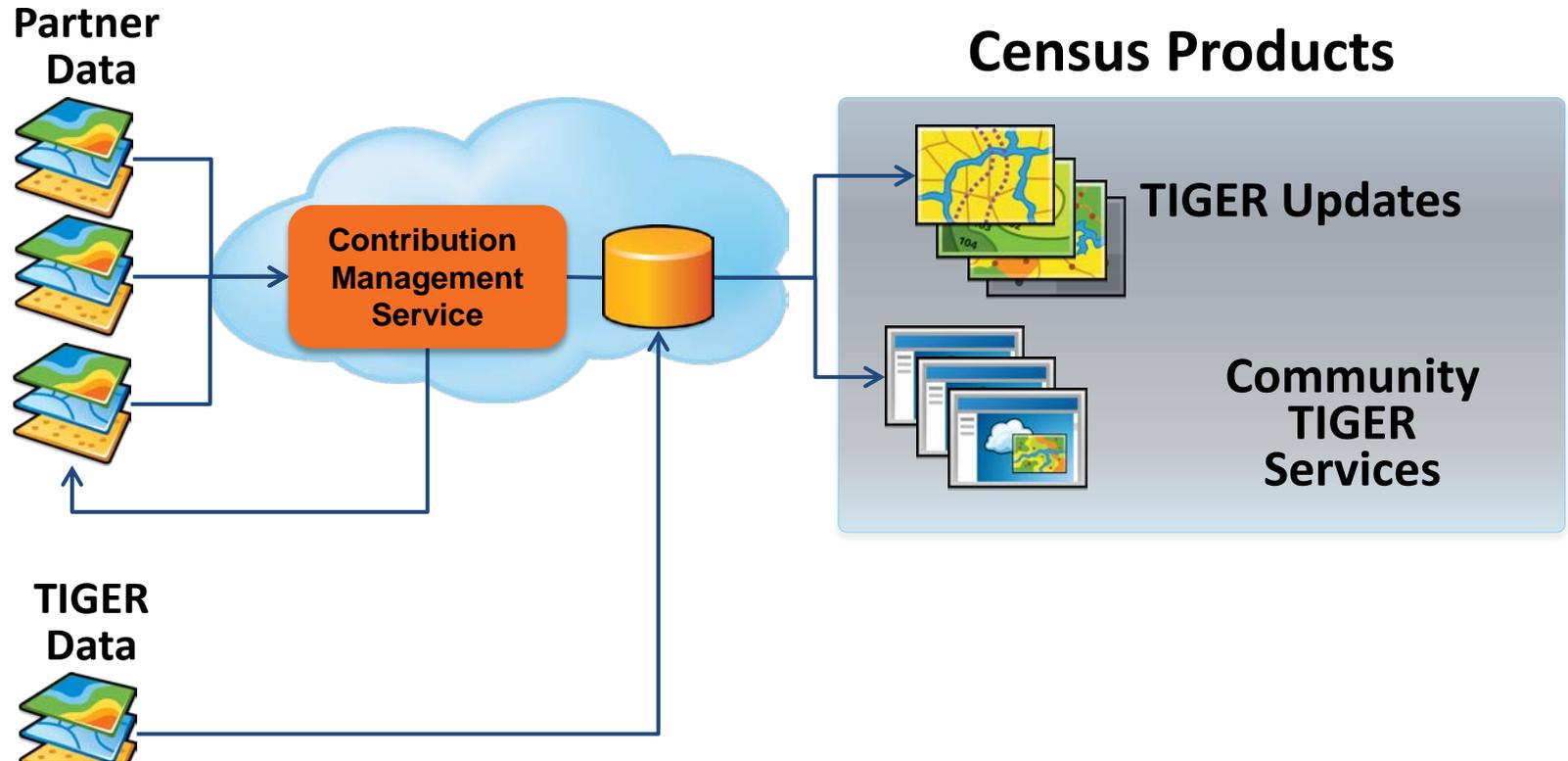
- Proof of Concept collaborative project with Esri
- Web (cloud) based data exchange and data management portal
- Phased and iterative project
- Leverages COTS technology, existing systems and proven workflows
- Utilizes and builds upon the next generation Esri 'Community Maps' concept

# GSS Participation Status, by Data Provider

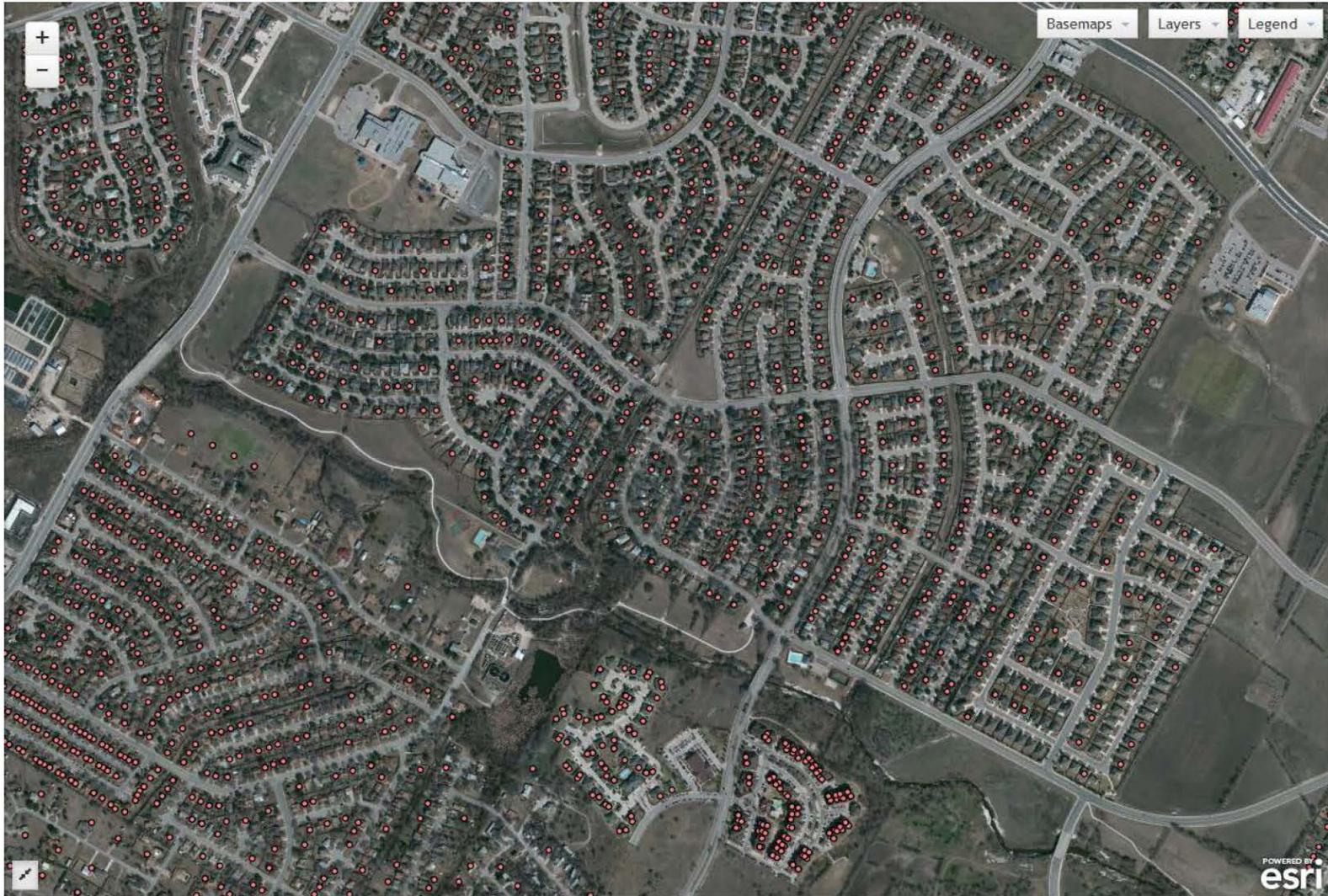


Prepared by the Geography Division, U.S. Census Bureau

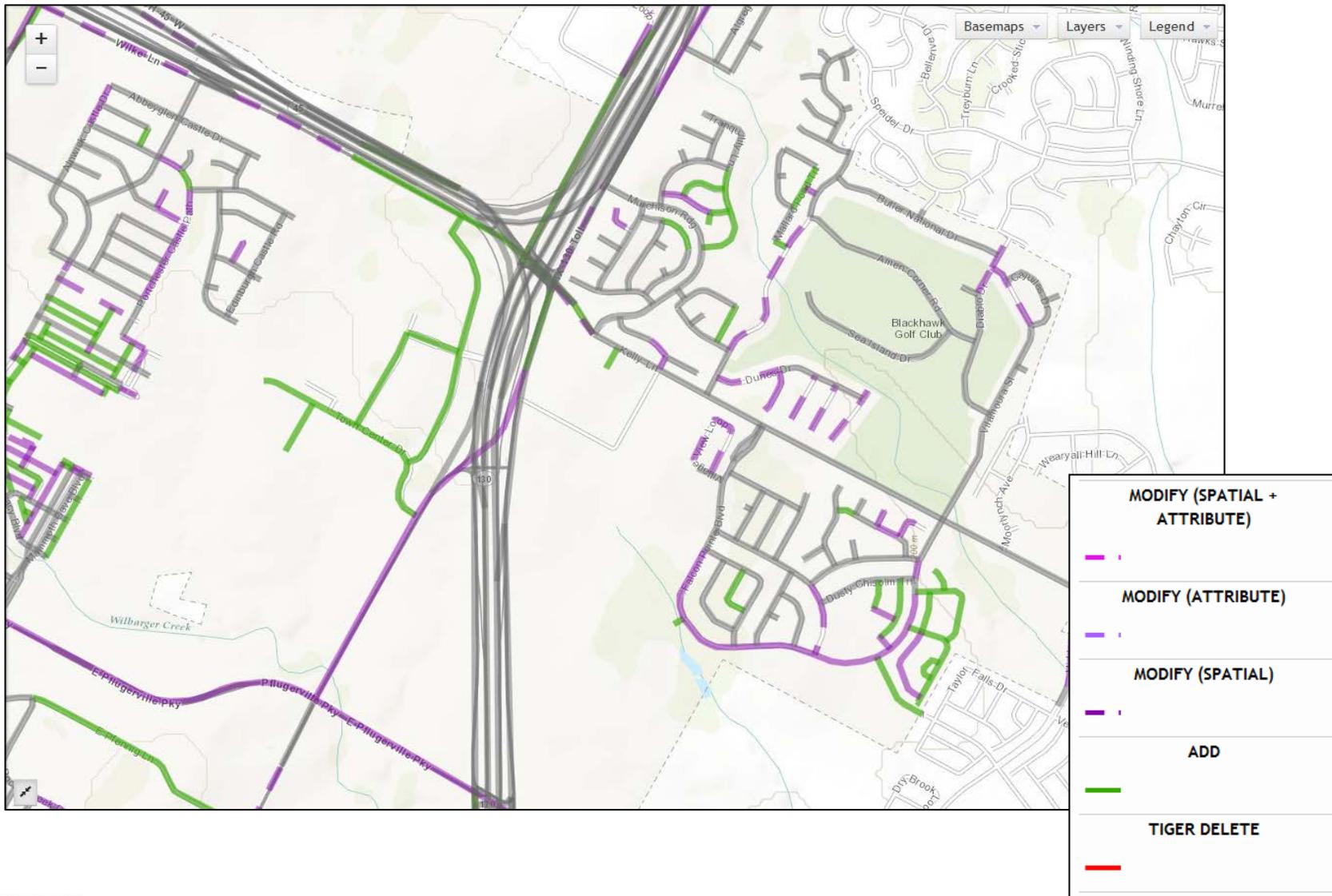
# Simplified System Architecture



# Geocode Addresses



# Compare Roads to TIGER



# Community TIGER Cost Savings



## Community TIGER

FREE to Registered Users

- Full ArcGIS Platform (web-based)
- Secure Cloud Access
- Data Reviewer Extension

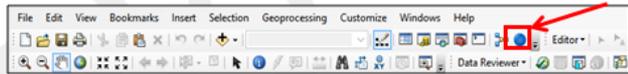
## ArcGIS

Available from Esri for a Cost

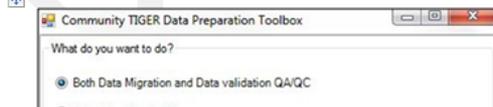
- Single Use License
- Data Reviewer Extension  
Single Use

# Help for Community TIGER Users

2. Click the "Community TIGER Data Preparation Tool" located in the toolbar.



3. If you are just beginning, select "Both Data Migration and Data Validation QA/QC" and click "Next". If your data has already been migrated, select one of the other choices.



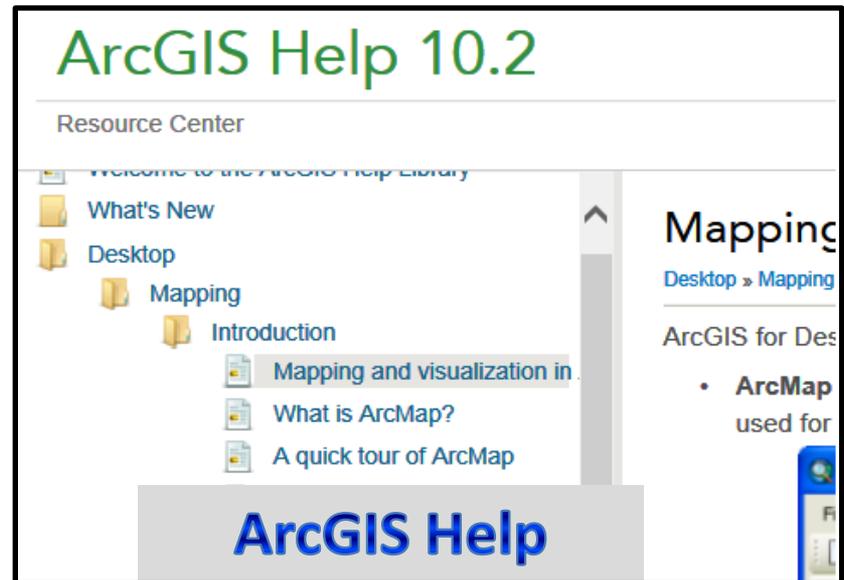
**User Guide**



**Live Training**



**Technical Support**



**ArcGIS Help**

# Status of Community TIGER



## Examples of Registered Users

- Town of Westwood, MA
- Town of Ashland, MA
- City of Washington, DC
- Maricopa County, AZ
- State of Ohio
- Kentucky River Area Development District

# Plan for Outreach



- Focus on areas of suspected address undercoverage in the Master Address File, or that lack other sources of update.
- Input from state partners on governments within their state that could benefit from Community TIGER.
- Identify state addressing programs which could utilize Community TIGER data sharing capabilities.
- Focus on local governments with no GIS data as potential new users of Community TIGER.

# Community TIGER - A Path Forward



- Address and spatial data management and exchange tool for each government in the United States
  - Data exchange simplified – web based system
  - You control your data – upload what you want, when you want
  - Standard data format established
  - Tools for data validation/review/editing and data management provided at no cost
  - Contact: [geo.community.tiger@census.gov](mailto:geo.community.tiger@census.gov) for more information

