MSDI Structures Framework Update

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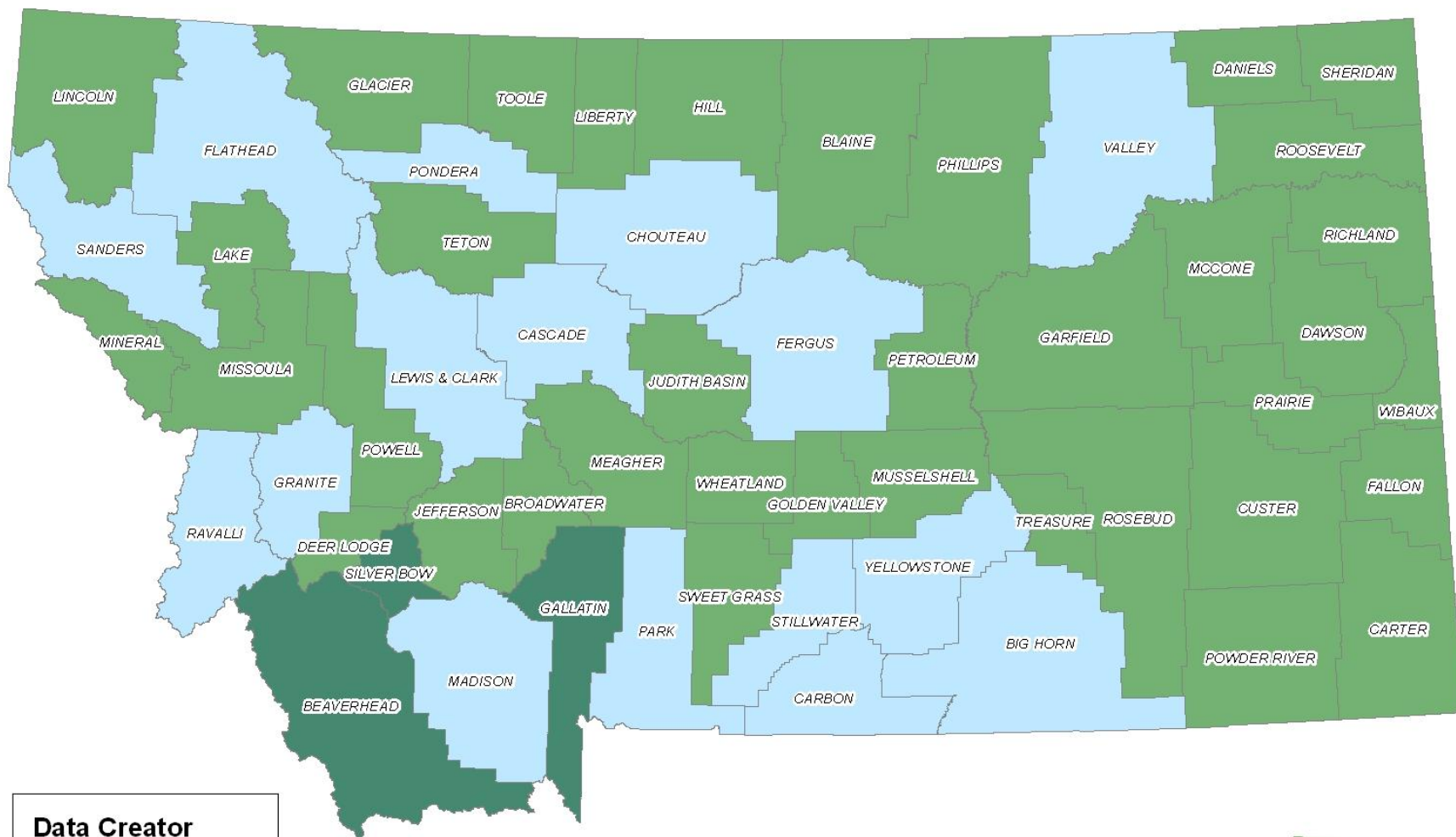2011 MAGIP Spring Meeting

April 11, 2011

Structures Background

- Structures Framework is a point-based geodatabase of primary structure locations
- Data model is based on and closely follows the USGS Structures Data Model in the *National Map*
- Attributes include:
  - Structure address*
  - Structure type*
  - GNIS name*
  - Cadastral owner parcel ParcelID/Geocode*
- Federated, multi-provider

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Montana Structures Framework Data Sources

Data Creator

- BMSC
- BMSC / Local Gov
- Local Gov

Note: The Structures Framework consists of data from numerous providers not represented here. This map is only intended to depict the data source for the county-wide data that make up a majority of the Structures Framework data. For a full list of data providers, see the metadata.
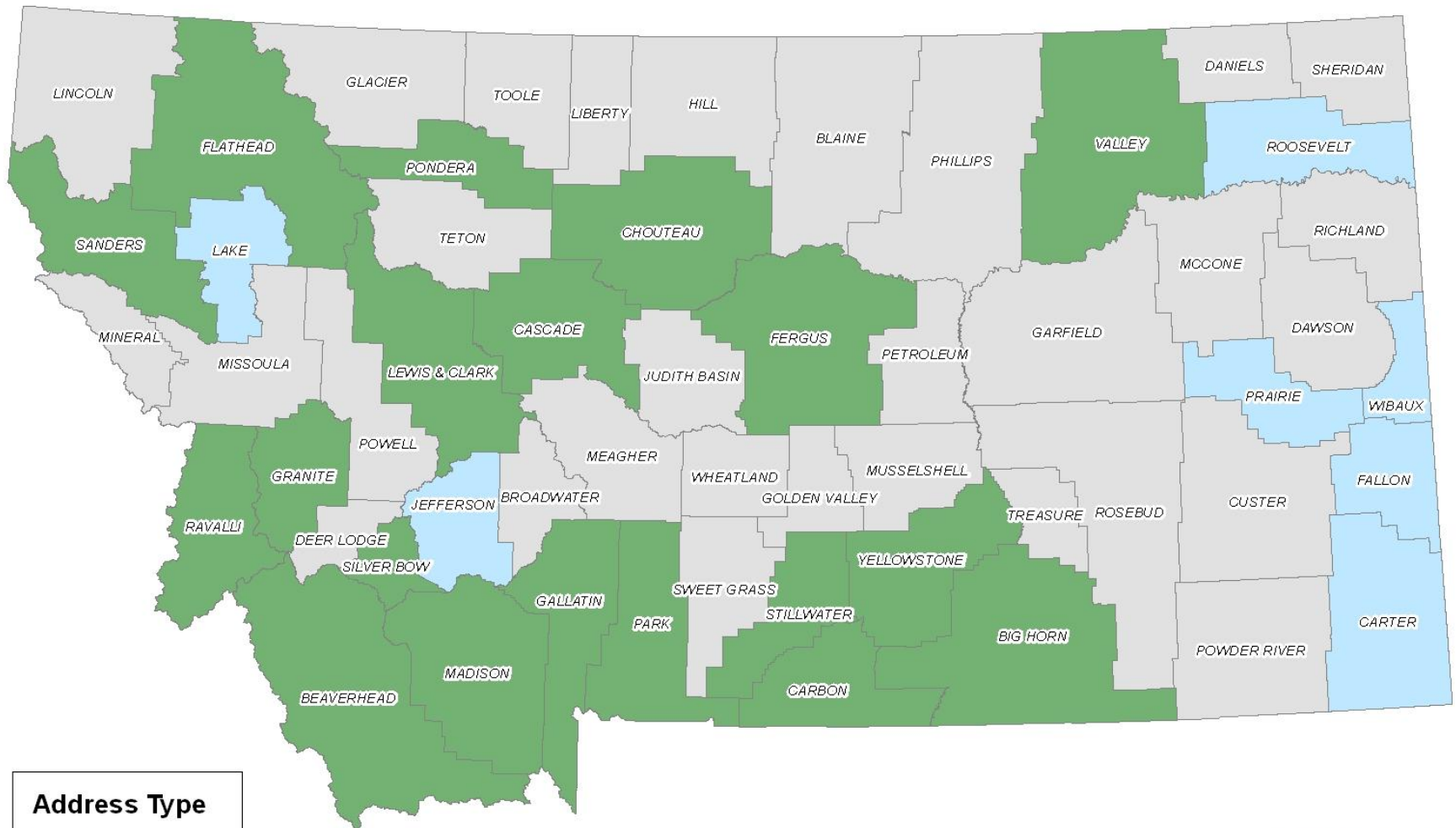
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Current Status

- Complete statewide structures coverage
- 26 / 56 counties, have local government provided addresses (plus 2 cities)
- Some names from GNIS have been incorporated
- Relationships with 22 local governments to routinely update structures/addresses

Montana Structures Framework - Addresses

Address Type
- Structure point
- Access point
- None / CAMA

Date: April, 2011

Distribution

- GIS Coordination website
  - http://giscoordination.mt.gov/
- Geodatabase download
- Web services
  - ArcGIS Server and WMS map services
  - Montana State Plane and Web Mercator
- KML/KMZ download (for Google Earth)
- Other formats upon request

Future Plans

- Establish more relationships with local governments that manage structures/address databases

- Continue to add structure addresses
  - Enhance address attributes

- Continue to add GNIS names
  - Coordinate with MSDI Geographic Names Framework

- Geocoding web service
  - Composite of Structures and Transportation Frameworks, and commercial data to fill gaps

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