

# MSDI Administrative Boundaries & U. S. Census Programs Update

Meghan Burns, Montana State Library

Wednesday, April 3, 2019



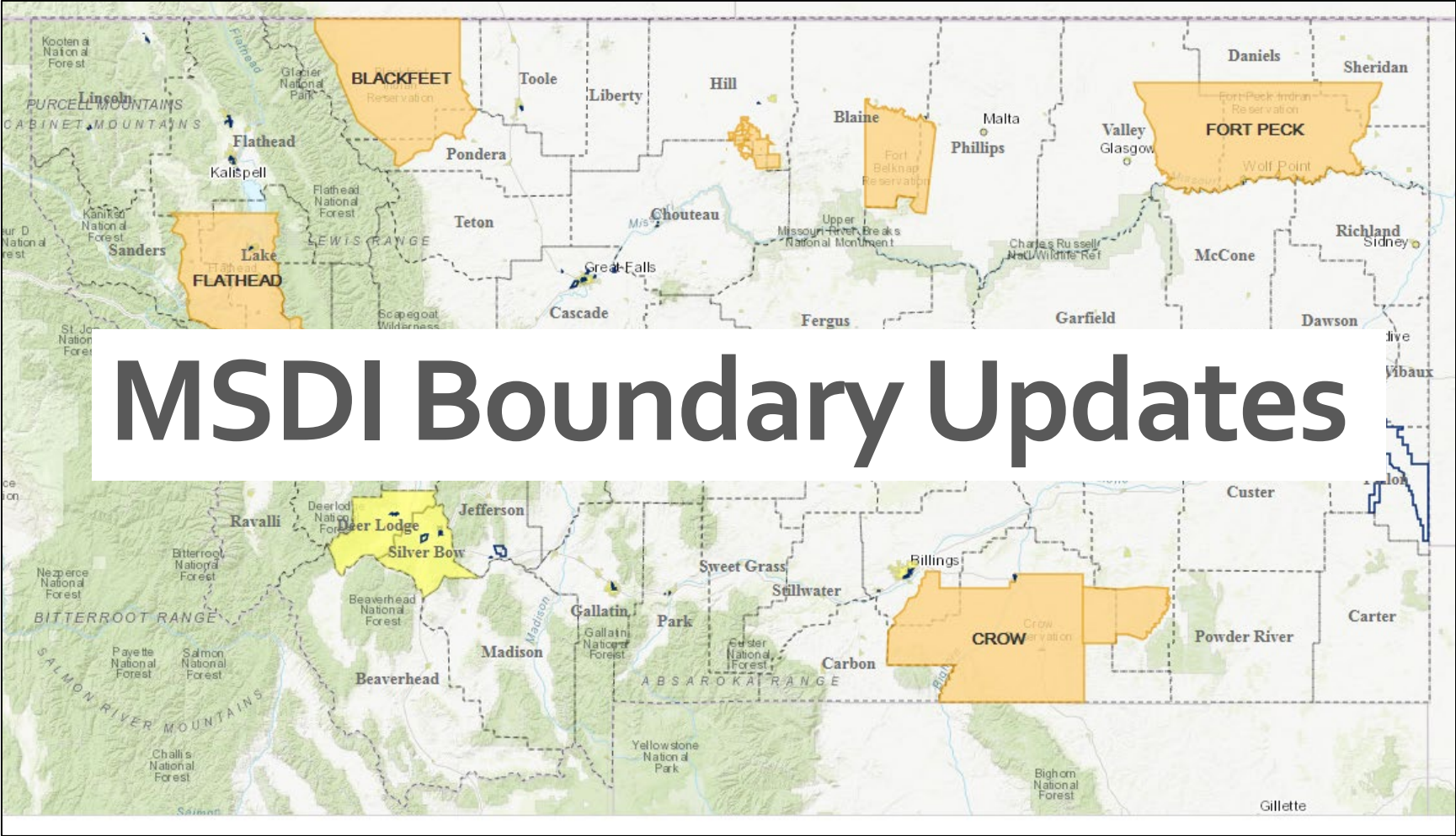
# OUTLINE

## **MSDI Boundary Updates**

- Geometry updates
- Attribute updates
- Managed Areas – New Service!
- County Commissioner Districts – In Development

## **U.S. Census Bureau Program Updates**

- Boundary and Annexation Survey (BAS)
- School District Review Program (SDRP)
- Local Update of Census Addresses (LUCA)
- Voting Districts (VTD) – Redistricting Data Program



# MSDI Boundary Updates

# MSDI BOUNDARY UPDATES

## Geometry Updates

- All layers were adjusted to align with the latest [CadNSDI Montana](#) (PLSS)
  - 240 townships across 25 counties were adjusted with survey control, much of which was collected using MLIA grants
  - Multiple federal surveys and BIA updates to: Crow, Northern Cheyenne, Fort Belknap, and Rocky Boys reservations were also incorporated in collaboration with the BLM
- Incorporated Cities and Towns
  - Annexations and 2018 BAS Updates: Billings, Bozeman, Circle, Columbia Falls, Great Falls, Hamilton, Helena, Kalispell, Laurel, Missoula, Stevensville, Thompson Falls, Whitefish
  - Disincorporated in 2018: Brockton (Roosevelt); Browning (Glacier)
- School Districts
  - Added East Helena K-12, Lockwood K-12
  - Abandonment & attachment of Springdale EL to Livingston EL, Shield Valley EL, and McLeod EL
  - small boundary corrections in Gallatin, Yellowstone, Phillips, & Sanders
- Changes are listed on <http://msl.mt.gov/GIS/Boundaries>

# MSDI BOUNDARY UPDATES

## Attribute Updates

- School Districts
  - Updated County Superintendents table
  - Updated School District FY1991-2018 Enrollment table
- Weed District
  - Updated weed coordinator information
- Tax Increment Financing Districts (TIFDs)
  - Updated TIFD expiration dates
- Changes are listed on <http://msl.mt.gov/GIS/Boundaries>

# MSDI BOUNDARY UPDATES

## Managed Areas

- Land Stewardship Mapping Data System Created in 1997 (<http://mtnhp.org/stew.asp>)
- Goal – manage a single, statewide digital data set that incorporates information from both public and private entities
- Doesn't necessarily correspond to ownership – may be made up of fee lands, easements, leased lands, etc.
- Refer to Conservation Easements and Public Lands data
- Includes:
  - USFWS
    - National Wildlife Refuges
    - Wilderness
  - USDA
    - Forest Service Special Interest Management Areas
    - Wilderness ALPS/WSA
    - Wild and Scenic Rivers
  - BLM
    - Outstanding Natural Areas
    - Wild and Scenic Rivers
    - Wilderness Areas
    - Wilderness Study Areas
  - Montana Private Conservation Lands
  - The Nature Conservancy (TNC) Preserves
  - MTDNRC State Forest
  - MTFWP
    - State Parks
    - Wildlife Management Areas
    - Fishing Access Sites

# MSDI BOUNDARY UPDATES

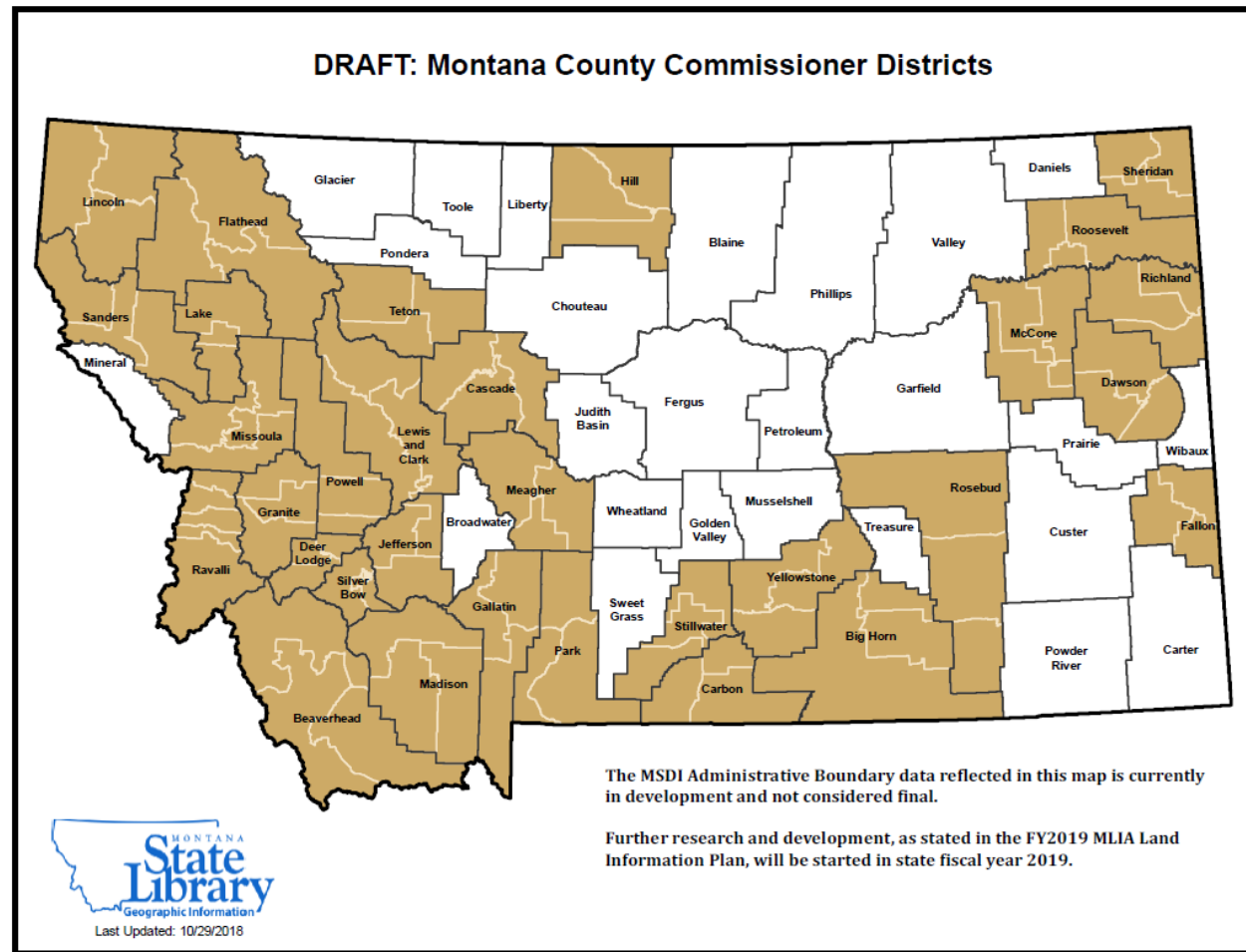
## Managed Areas Web Services – NEW SERVICE!

- <http://gisservicemt.gov/arcgis/rest/services/MSL/ManagedAreas/MapServer>
- Reorganized – now one layer
- Changes to layer names and fields
- New service (ManagedAreas) was published in March 2019
- Old service (ManagedAreasWebMerc) will be removed in June 2019
- Recently Added to the MSL Digital Atlas
- Web Map available with Public Lands, Conservation Easements, Parcels:  
<http://arcg.is/oKT549>

# MSDI BOUNDARY UPDATES

## County Commissioner Districts

- Currently gathering data (Legal Descriptions, GIS datasets, Digital Maps)
- Hoping to publish by June 30, 2019
- Will be sending out an email soon – Please send me your data!





United States Census Bureau  
TIGERweb  
Geography Division

Layers Legend Task Results

Select Vintage: Current

- Labels
- Transportation (Roads and Railroads)
- PUMAs, UGAs, and ZCTAs
- Tribal Census Tracts and Block Groups
- Census Tracts and Block Groups
- Military and Other
- School Districts
  - Unified School Districts
  - Secondary School Districts
  - Elementary School Districts
- Places and Counties
- Estates
- County Subdivisions
- Subbarrios
- Consolidated
- Incorporated
- Census Designated Places
- American Indian, Alaska Native, and Native Hawaiian Areas
  - Alaska Native Regional Corporations
  - Tribal Subdivisions
  - Federal American Indian Reservations
  - Off-Reservation Trust Lands
  - State American Indian Reservations
  - Hawaiian Home Lands
  - Alaska Native Village Statistical Areas
  - Oklahoma Tribal Statistical Areas
  - State Designated Tribal Statistical Areas
  - Tribal Designated Statistical Areas
  - American Indian Joint-Use Areas
- Legislative Areas

Search: Street, City, State, Zip

Landmass

# U.S. Census Bureau Program Updates

Current Extent (degs): [-116.7322, 43.2606] [-102.9443, 49.6102]

Map Loaded.

# U.S. CENSUS BUREAU UPDATES

## **U.S. Census Bureau Program Updates**

- Boundary and Annexation Survey (BAS)
- School District Review Program (SDRP)
- Local Update of Census Addresses (LUCA)
- Voting Districts (VTD) – Redistricting Data Program

# U.S. CENSUS BUREAU UPDATES

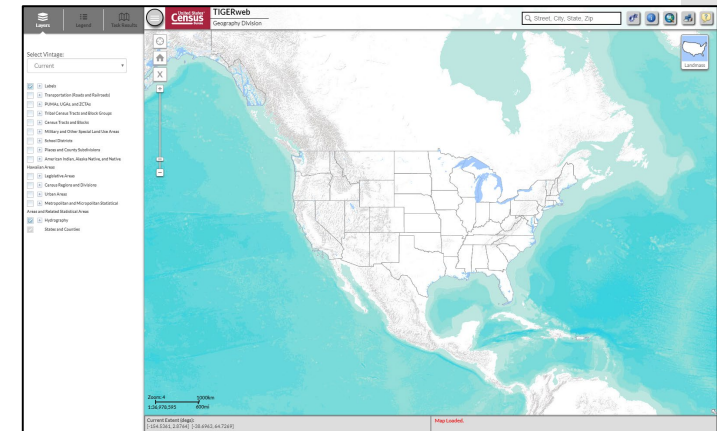
## Boundary and Annexation Survey Program (BAS)

- Annual Program
- [2019 BAS Schedule](#)
  - January 1, 2019 – Changes must be legally in effect on or before
  - March 1, 2019 – Changes will be reflected in ACS/PEP
  - May 31, 2019 – Deadline to submit changes to be included in next year's BAS materials
- All Places (cities, towns, counties) are asked to participate
- Even if you do not have changes, please respond to the survey with “No Changes” and review and update your contact information

# U.S. CENSUS BUREAU UPDATES

## Boundary and Annexation Survey Program (BAS)

- Survey Response Options:
  - No Changes (Submit online form)
  - Boundary Updates:
    - Digital BAS (using your preferred software) – submit online
    - GUPS (Census Provided Software) – submit online
    - Paper BAS (use map sheets provided by Census)
- View and Download Data:
  - [Legal Boundary Change/Annexation Data 1980 – 2018](#)
  - [TIGERweb](#) Applications (Interactive Web App)
    - <https://tigerweb.geo.census.gov/tigerweb/>



# U.S. CENSUS BUREAU UPDATES

## School District Review Program (SDRP)

- Usually a Biennial Program (every 2 years), but there was one in 2018 and there will be one in 2019
- [2018 SDRP Schedule](#)
  - June 2018 – Designate a School District Mapping Coordinator
    - Mapping Coordinator
      - Works with OPI and School District Superintendents to verify and update:
        - Elementary, Secondary, Unified (K-12) Boundaries
        - School District Names
        - Grade Level
    - August 2018 – Receive instructions and materials
    - December 2018 – Deadline to submit 2018 changes
  - 2018 changes were submitted for: Phillips, Lockwood K-12, East Helena K-12, Gallatin, Park, Sweet Grass, Sanders, Yellowstone

# U.S. CENSUS BUREAU UPDATES







## Local Update of Census Addresses (LUCA)

- December 2017 - Deadline to Register for LUCA
- Mid-2018 – Participation materials were mailed to participants
- August 2019 – Feedback materials offered to participants with the results of address canvassing
- Montana State Library Participation:
  - Michael Fashoway – MSL Main Point of Contact
  - Using a semi-automated review process, MSL provided feedback for 39 counties
  - 125,976 address updates or additions were submitted to Census
- View the [LUCA Respondent Viewer Map](#) on the web

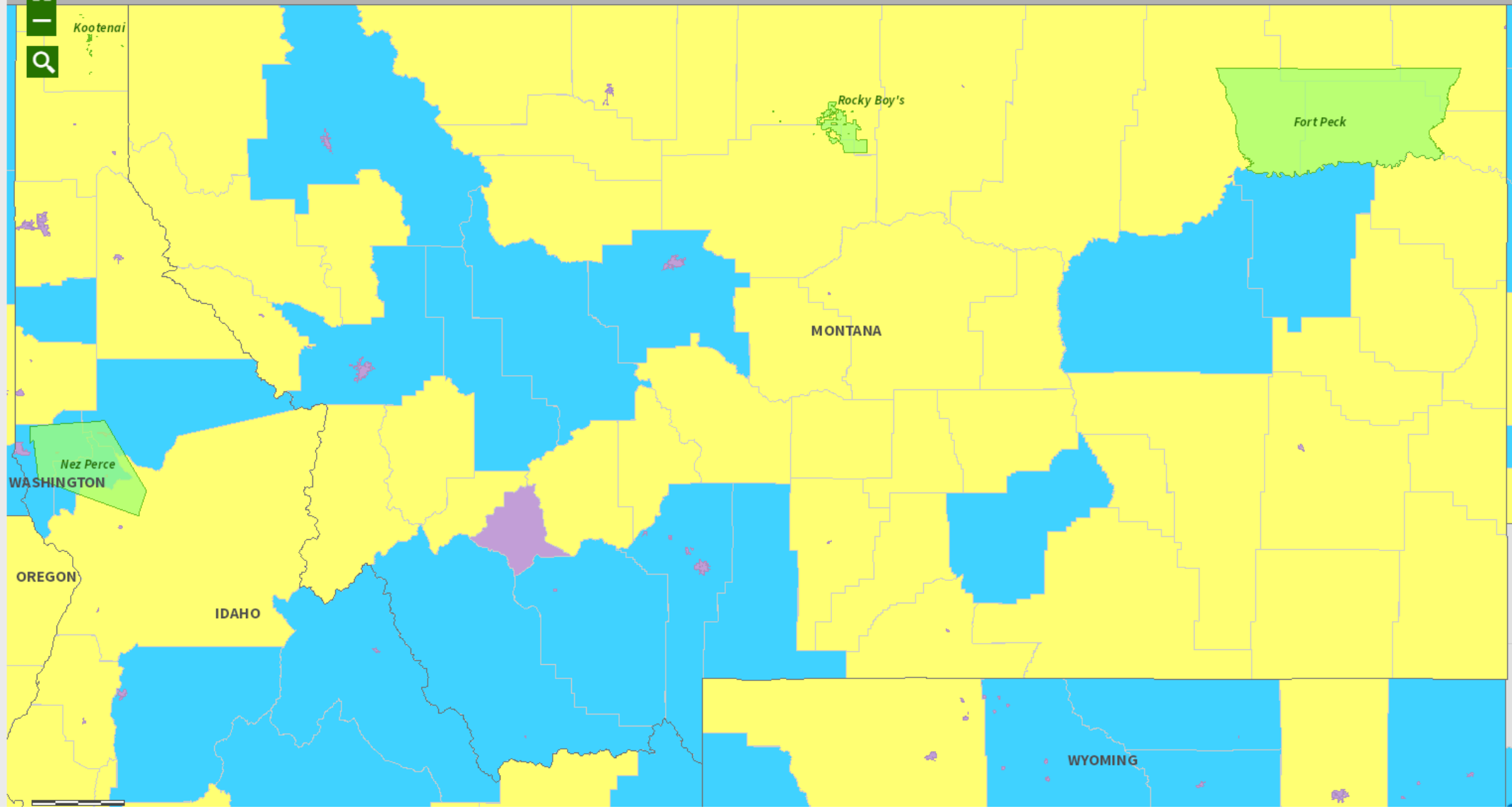
# 2020 LUCA Respondents

Legend Details

## LUCA Respondent Entities

- Tribal Respondent 
- ANRC Respondent 
- Place Respondent 
- MCD Respondent 
- County Respondent 
- State Respondent 

Map navigation controls: + (Zoom In), Home, - (Zoom Out), and Search (Magnifying Glass).



# U.S. CENSUS BUREAU UPDATES

## Voting District Project

- 36 counties were submitted in 2009 for 2010 Census
- Phase 2 of the 2020 Census Redistricting Data Program
  - Initial Verification of Updates Dec 2017 – May 31, 2018
  - Verification of Updates – Dec 2018 – May 31, 2019
  - Verification of Updates II – Dec 2019 – March 31, 2020
  - [https://www.census.gov/programs-surveys/decennial-census/about/rdo/program-management.html#par\\_textimage\\_3](https://www.census.gov/programs-surveys/decennial-census/about/rdo/program-management.html#par_textimage_3)
- Montana Department of Commerce awarded an MLIA grant to collect and submit changes to Voting Districts for Montana
  - [http://docs.msl.mt.gov/MLIAC/FY2019/FY2019\\_Commerce.pdf](http://docs.msl.mt.gov/MLIAC/FY2019/FY2019_Commerce.pdf)
- The Montana State Library will make data available once the project has been completed



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<http://msl.mt.gov/GIS/Boundaries>

