MSDI Administrative Boundaries & U. S. Census Programs Update

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Wednesday, April 3, 2019
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
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
**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](http://msl.mt.gov/GIS/Boundaries)
Managed Areas

- 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
Managed Areas Web Services – NEW SERVICE!

- [http://gisservicemt.gov/arcgis/rest/services/MSL/ManagedAreas/MapServer](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/0KT549](http://arcg.is/0KT549)
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!
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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 (cites, 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
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/](#)
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
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
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

- The Montana State Library will make data available once the project has been completed
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http://msl.mt.gov/GIS/Boundaries