

MSDIS Update – March 2019

New and Updated Data

- 2019 Rural Health Clinics March Update
- 2019 WIC Satellite Offices March Update
- 2019 Long Term Care Facilities March Update
- 2019 Adult Daycare March Update
- 2019 Missouri Department of Natural Resources Administrative Boundaries
- 2019 Katy Trail
- 2019 HUC 8 Watershed Population Growth and Median Household Income
- 2019 Lake Numeric Nutrient Criteria

MSDIS General News

MSDIS was very pleased to visit the St Louis University Salus Center from 13 March to 15 March to lead an ArcGIS training workshop for public health professionals. The workshop lasted roughly seven hours each day and covered multiple topics, including basic mapmaking in ArcGIS Pro, spatial analysis in both ArcGIS Pro and ArcGIS Desktop, general preparation of tabular data, geocoding, and application development in ArcGIS Online. The attendees came from a variety of St Louis-area agencies and specialized primarily in epidemiology and emergency response.

On 21 March, MSDIS visited the Missouri Geological Survey at Rolla to present a 2019 update of clearinghouse activities and services for their April *Lunch and Learn*.

MSDIS Downtime

MSDIS Services were unavailable on 20 March 2019 from approximately 8:00 AM to 3:00 PM. The cause of the outage was traced to the failure of multiple nodes of the computing cluster that stores the data distributed by MSDIS.

Listserv Subscriptions

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STLGIS - 368

MSDIS Data Wish List

While MSDIS is always happy to distribute any new data, based on requests from our users, GRC map requests, and the overall state of the data catalog, acquisition of new or updated versions of the following datasets are of particular interest:

Missouri School Districts (latest Missouri version: 2013, latest TIGER/Line version: 2017)
Missouri Voting Districts (latest version: 2010)
Missouri Contour Lines (no previous version)

Missouri Higher Education Facilities (previous Missouri version: 2010)
Missouri Library Districts (previous version: 2013)
Missouri Enhanced Enterprise Zones (previous version: 2012)

Image Server March 2019 Usage Stats

Hits by Month

| Month | Hits | Page views | Visitors |
|--------|---------|------------|----------|
| Nov-18 | 3800114 | 3798187 | 30032 |
| Dec-18 | 3527756 | 3523406 | 28831 |
| Jan-19 | 4217018 | 4215877 | 31119 |
| Feb-19 | 3496697 | 3494432 | 29460 |
| Mar-19 | 4080418 | 4077077 | 32264 |

Top Ten Hits by City

| City | Hits | Hits (%) | Page views |
|----------------------------------|---------|----------|------------|
| United States/MO/Jefferson City | 1205106 | 29.5 | 1202706 |
| United States/MO/Lohman | 496408 | 12.2 | 496388 |
| United States/(unknown city) | 357974 | 8.8 | 357848 |
| United States/MO/Springfield | 260674 | 6.4 | 260656 |
| United States/MO/Saint Louis | 180866 | 4.4 | 180830 |
| (unknown country)/(unknown city) | 141118 | 3.5 | 141040 |
| United States/CO/Fort Collins | 126144 | 3.1 | 126142 |
| United States/CA/Fremont | 122661 | 3 | 122658 |
| United States/AR/Russellville | 108813 | 2.7 | 108797 |
| United States/MO/Columbia | 63618 | 1.6 | 63528 |

Top Ten Hits by Referrer

| Client IP | Hits | Hits (%) | Page views |
|---|---------|----------|------------|
| (no referrer) | 2251447 | 55.2 | 2250856 |
| https://semorpc.maps.arcgis.com/ | 481903 | 11.8 | 481903 |
| http://traveler.modot.mo.gov/ | 223757 | 5.5 | 223757 |
| http://tmsmaps/ | 204041 | 5 | 204041 |
| http://tms/ | 88076 | 2.2 | 88076 |
| https://msdis.maps.arcgis.com/ | 83502 | 2 | 83502 |
| https://douglasgis.integritygis.com/ | 72604 | 1.8 | 72604 |
| http://rallsgis.integritygis.com/ | 60870 | 1.5 | 60870 |
| http://www.esri.com/ | 56293 | 1.4 | 56293 |
| https://dnr.mo.gov/ | 55859 | 1.4 | 55859 |

Map Server March 2019 Usage Stats

Hits by Month

| Month | Hits | Page views | Visitors |
|--------|--------|------------|----------|
| Nov-18 | 377446 | 368511 | 4490 |
| Dec-18 | 277716 | 267352 | 4658 |
| Jan-19 | 366418 | 356781 | 4214 |
| Feb-19 | 294977 | 282535 | 4391 |
| Mar-19 | 310914 | 300873 | 4803 |

Top Ten Hits by City

| City | Hits | Hits (%) | Page views |
|----------------------------------|-------|----------|------------|
| United States/MO/Columbia | 70743 | 22.8 | 63309 |
| United States/(unknown city) | 22788 | 7.3 | 22568 |
| United States/MO/Saint Louis | 19231 | 6.2 | 19203 |
| United States/MO/Bonne Terre | 17525 | 5.6 | 17525 |
| (unknown country)/(unknown city) | 14561 | 4.7 | 14246 |
| United States/NJ/Woodbridge | 12067 | 3.9 | 12065 |
| United States/CO/Fort Collins | 12055 | 3.9 | 12055 |
| United States/MO/Jefferson City | 11727 | 3.8 | 11548 |
| United States/MO/Florissant | 7391 | 2.4 | 7391 |
| United States/CT/Fairfield | 6901 | 2.2 | 6900 |

Top Ten Hits by Referrer

| Referrer | Hits | Hits (%) | Page views |
|---|--------|----------|------------|
| (no referrer) | 151411 | 48.7 | 142853 |
| https://msdis.maps.arcgis.com/ | 122195 | 39.3 | 122195 |
| https://data-msdis.opendata.arcgis.com/ | 15408 | 5 | 15408 |
| https://www.arcgis.com/ | 4421 | 1.4 | 4421 |
| http://msdisweb.missouri.edu/ | 2951 | 0.9 | 1958 |
| https://wustl.maps.arcgis.com/ | 2046 | 0.7 | 2046 |
| https://SDITGISP0888.state.mo.us:6143/ | 1878 | 0.6 | 1878 |
| http://limno.maps.arcgis.com/ | 1598 | 0.5 | 1598 |
| https://mdcgis.maps.arcgis.com/ | 1143 | 0.4 | 1143 |
| http://data-msdis.opendata.arcgis.com/ | 1084 | 0.3 | 1084 |

MSDIS Data Archive March 2019 Usage Stats

Hits by Month

| Month | Hits | Page views | Visitors |
|--------|-------|------------|----------|
| Nov-18 | 37450 | 35625 | 1802 |
| Dec-18 | 36951 | 35677 | 1791 |
| Jan-19 | 30863 | 29426 | 2172 |
| Feb-19 | 57780 | 56290 | 2255 |
| Mar-19 | 54470 | 52938 | 2309 |

Top Ten Hits by City

| City | Hits | Hits (%) | Page views |
|----------------------------------|-------|----------|------------|
| United States/CT/Fairfield | 18349 | 33.7 | 18349 |
| United States/DE/Wilmington | 10056 | 18.5 | 10056 |
| (unknown country)/(unknown city) | 4810 | 8.8 | 4688 |
| Switzerland/(unknown city) | 2615 | 4.8 | 2613 |
| United States/CA/Palo Alto | 2376 | 4.4 | 2373 |
| United States/(unknown city) | 1976 | 3.6 | 1877 |
| United States/WA/Bellevue | 1970 | 3.6 | 1970 |
| Ukraine/(unknown city) | 1526 | 2.8 | 1526 |
| United States/CA/Mountain View | 1403 | 2.6 | 1233 |
| United States/IN/Indianapolis | 1370 | 2.5 | 1361 |

Top Ten Hits by Referrer

| Referrer | Hits | Hits (%) | Page views |
|---|-------|----------|------------|
| (no referrer) | 49493 | 90.9 | 48858 |
| http://msdis-archive.missouri.edu/ | 4040 | 7.4 | 3143 |
| http://www.msdis.missouri.edu/ | 773 | 1.4 | 773 |
| http://msdis.missouri.edu/ | 122 | 0.2 | 122 |
| https://www.google.com/ | 17 | 0 | 17 |
| http://lewisclark.geog.missouri.edu/ | 11 | 0 | 11 |
| http://www.google.com/ | 6 | 0 | 6 |
| http://slustl.maps.arcgis.com/ | 5 | 0 | 5 |
| http://msdis.missouri.edu | 1 | 0 | 1 |
| https://www.netcraft.com/ | 1 | 0 | 1 |