

# **MSDIS Update – April 2019**

## **New and Updated Data**

- 2019 WIC Satellite Offices April Update
- 2019 Dialysis Centers April Update
- 2019 Ambulatory Surgical Centers April Update
- 2019 Hospitals April Update
- 2019 Rural Health Care Clinics April Update
- 2019 Long Term Care Facilities April Update
- 2019 Adult Daycare Facilities April Update
- 2019 Federally Qualified Health Center Locations April Update
- 2019 Local Public Health Agencies April Update
- 2019 MoDOT Commuter Lots March Update
- 2019 MoDOT Missouri Rest Areas March Update
- 2019 MoDOT Emergency Reference Markers March Update
- 2019 MoDOT Roads March Update
- 2019 Midwest Nebraska, Iowa, Kansas, and Missouri 31 March Flood Imagery
- 2018 Missouri NAIP

## **MSDIS General News**

Small changes were made to the MSDIS website in order to better highlight the data download options. New links to the Open Data Portal, the Missouri Map, and the MSDIS Data Library are now present in the sidebar of every page of the MSDIS website.

MSDIS would like to congratulate Mr Matt Moebes for successfully defending his Master's thesis research in late April. As many of you will remember, Matt was instrumental in helping with daily MSDIS operations, data development, and map orders during late 2017 and early 2018. Matt's thesis involved comparing the quality of LiDAR data to Structure From Motion data captured from aerial drones.

## **MSDIS Downtime**

No outages were reported during April 2019, however we noticed some slowdown on the Imagery server on 23 April. Both the Imagery and Map servers were restarted at approximately 7:03 AM in order to remedy the issue. As a consequence of the slowdown and the restart, a process lock was placed onto the NAIP 2016 image service, preventing the service from being restarted. We spun up a new NAIP 2016 image service as a temporary replacement for the original until the ArcGIS Server process was restarted once more on 24 April in order to disengage the lock.

## **Listserv Subscriptions**

KCAIUG - 207  
MGISAC – 182  
MISSOURIMAPPERSASSOC - 38  
MOGISCON – 977  
MOGIS\_ADVISORY\_COUNCIL - 28  
MSDIS News – 181  
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 April 2019 Usage Stats

### Hits by Month

Month	Hits	Page views	Visitors
Dec-18	3527756	3523406	28831
Jan-19	4217018	4215877	31119
Feb-19	3496697	3494432	29460
Mar-19	4080418	4077077	32264
Apr-19	4048871	4046523	33195

### Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/MO/Jefferson City	1178977	29.1	1177574
United States/MO/Lohman	440436	10.9	440369
United States/(unknown city)	422597	10.4	422537
United States/MO/Saint Louis	210692	5.2	210493
United States/AR/Russellville	172149	4.3	172136
(unknown country)/(unknown city)	163631	4	163599
United States/CO/Fort Collins	142151	3.5	142139
United States/MO/Springfield	127005	3.1	126912
United States/MO/Columbia	45777	1.1	45616
United States/WI/Madison	39369	1	39369

### Top Ten Hits by Referrer

Client IP	Hits	Hits (%)	Page views
(no referrer)	2118913	52.3	2117991
<a href="https://semorpc.maps.arcgis.com/">https://semorpc.maps.arcgis.com/</a>	510391	12.6	510391
<a href="http://traveler.modot.mo.gov/">http://traveler.modot.mo.gov/</a>	230891	5.7	230891
<a href="http://tmsmaps/">http://tmsmaps/</a>	188379	4.7	188379
<a href="https://msdis.maps.arcgis.com/">https://msdis.maps.arcgis.com/</a>	103740	2.6	103740
<a href="http://batesgis.integritygis.com/">http://batesgis.integritygis.com/</a>	102091	2.5	102091
<a href="http://tms/">http://tms/</a>	70436	1.7	70436
<a href="http://rallsgis.integritygis.com/">http://rallsgis.integritygis.com/</a>	65898	1.6	65898
<a href="https://dnr.mo.gov/">https://dnr.mo.gov/</a>	54021	1.3	54021
<a href="https://douglasgis.integritygis.com/">https://douglasgis.integritygis.com/</a>	51658	1.3	51658

## Map Server April 2019 Usage Stats

### Hits by Month

Month	Hits	Page views	Visitors
Dec-18	277716	267352	4658
Jan-19	366418	356781	4214
Feb-19	294977	282535	4391
Mar-19	310914	300873	4803
Apr-19	363563	352383	4973

### Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/MO/Columbia	68315	18.8	60184
United States/TN/Collierville	44789	12.3	44789
United States/MO/Saint Louis	23637	6.5	23483
United States/(unknown city)	22238	6.1	22122
United States/MO/Bonne Terre	16940	4.7	16940
United States/CT/Fairfield	14476	4	14476
(unknown country)/(unknown city)	14240	3.9	14200
United States/MO/Jefferson City	11829	3.3	11532
United States/MO/Cape Girardeau	11760	3.2	11757
United States/IL/Spring Grove	9623	2.6	9613

### Top Ten Hits by Referrer

Referrer	Hits	Hits (%)	Page views
<a href="https://msdis.maps.arcgis.com/">https://msdis.maps.arcgis.com/</a>	170566	46.9	170566
(no referrer)	150773	41.5	142003
<a href="https://data-msdis.opendata.arcgis.com/">https://data-msdis.opendata.arcgis.com/</a>	17028	4.7	17028
<a href="http://www.arcgis.com/">http://www.arcgis.com/</a>	7489	2.1	7489
<a href="https://www.arcgis.com/">https://www.arcgis.com/</a>	4030	1.1	4030
<a href="http://msdisweb.missouri.edu/">http://msdisweb.missouri.edu/</a>	3813	1	2032
<a href="https://isite.maps.arcgis.com/">https://isite.maps.arcgis.com/</a>	1562	0.4	1562
<a href="http://limno.maps.arcgis.com/">http://limno.maps.arcgis.com/</a>	1242	0.3	1242
<a href="https://SDITGISP0888.state.mo.us:6143/">https://SDITGISP0888.state.mo.us:6143/</a>	1033	0.3	1033
<a href="http://stcharles.maps.arcgis.com/">http://stcharles.maps.arcgis.com/</a>	886	0.2	886

## MSDIS Data Archive April 2019 Usage Stats

### Hits by Month

Month	Hits	Page views	Visitors
Dec-18	36951	35677	1791
Jan-19	30863	29426	2172
Feb-19	57780	56290	2255
Mar-19	54470	52938	2309
Apr-19	36530	34578	2604

### Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/TX/Houston	9146	25	9142
(unknown country)/(unknown city)	3591	9.8	3509
United States/CA/Mountain View	3165	8.7	3020
United States/CA/Palo Alto	2186	6	2186
United States/MO/Columbia	2001	5.5	1675
United States/(unknown city)	1858	5.1	1756
Ukraine/(unknown city)	1652	4.5	1652
United States/WA/Bellevue	1529	4.2	1529
United States/IN/Indianapolis	1335	3.7	1315
Korea, Republic of/Taejon-jikhalsi/Daejeon	1169	3.2	1169

### Top Ten Hits by Referrer

Referrer	Hits	Hits (%)	Page views
(no referrer)	30246	82.8	29354
<a href="http://msdis-archive.missouri.edu/">http://msdis-archive.missouri.edu/</a>	4833	13.2	3773
<a href="http://www.msdis.missouri.edu/">http://www.msdis.missouri.edu/</a>	1206	3.3	1206
<a href="http://msdis.missouri.edu/">http://msdis.missouri.edu/</a>	159	0.4	159
<a href="https://www.google.com/">https://www.google.com/</a>	46	0.1	46
<a href="http://lewisclark.geog.missouri.edu/">http://lewisclark.geog.missouri.edu/</a>	29	0.1	29
<a href="http://data-msdis.opendata.arcgis.com/">http://data-msdis.opendata.arcgis.com/</a>	4	0	4
<a href="http://www.google.com/">http://www.google.com/</a>	3	0	3
<a href="http://msdis-archive.missouri.edu">http://msdis-archive.missouri.edu</a>	1	0	1
<a href="http://moberlymonitorindex.mo.newsmemory.com/">http://moberlymonitorindex.mo.newsmemory.com/</a>	1	0	1