

MSDIS Update – January 2019

New and Updated Data

2019 Dialysis Centers January Update

2019 Ambulatory Surgical Centers January Update

2019 Hospitals January Update

2019 WIC Satellite Offices January Update

2019 Adult Daycare Centers January Update

2019 Rural Health Clinics January Update

MSDIS General News

MSDIS has spent much of January preparing to migrate our data storage directories to a newer computing cluster. In expectation of the move, Dolt have generated a series of alias directory paths to make the transition work more seamlessly and to avoid requiring MSDIS staff to rapidly redirect our services to the new computing cluster as soon as the migration has completed. Since the aliases have been applied to both current storage space and the future directory, we were able to rewrite the data paths for all of our existing imagery and map servers before the migration has been completed without any service disruptions. MSDIS staff have been testing the new paths in preparation for the actual server change. An initial clone of the data has already been created, so we are now waiting on the final copy and server swap.

MSDIS Downtime

MSDIS is not aware of any downtime during the month of January.

Listserv Subscriptions

KCAIUG - 207

MGISAC – 175

MISSOURIMAPPERSASSOC - 38

MOGISCON – 980

MOGIS_ADVISORY_COUNCIL - 28

MSDIS News – 182

STLGIS - 373

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)

Missouri Department of Natural Resources Boundaries (previous version: 2016)

MSDIS January 2019 Usage Stats

Image Server

Hits by Month

Month	Hits	Page views	Visitors
Sept-18	3299986	3299145	27902
Oct-18	3723049	3720155	30893
Nov-18	3800114	3798187	30032
Dec-18	3527756	3523406	28831
Jan-19	4217018	4215877	31119

Hits by Directory

Pages/directories	Hits	Hits (%)
/arcgis/rest/services/MSDIS/	2049671	52.08572
/arcgis/rest/services/LGov/	1519792	38.62057
/arcgis/rest/services/Map/	140241	3.563769
/arcgis/rest/services/LiDAR/	133938	3.403599
/arcgis/rest/services/StLouisHistoricalAerialPhotos/	81854	2.080053
/arcgis/rest/services/Joplin/	9295	0.236202
/arcgis/rest/services/2015Flood/	397	0.010088

Top Ten Hits by Region

Region	Hits	Hits (%)	Page views
United States/MO/	2848136	67.5	2847476
United States/(unknown city)	357831	8.5	357792
(unknown country)/(unknown city)	154702	3.7	154675
United States/CO/	106001	2.5	105993
United States/CA/	93114	2.2	93098
United States/AR/	87963	2.1	87950
United States/IL/	67057	1.6	67040
United States/TX/	53570	1.3	53560
United States/KS/	51523	1.2	51516
United States/DC/	49708	1.2	49702

Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/MO/Jefferson City	1405913	33.3	1405488
United States/MO/Lohman	705482	16.7	705458
United States/(unknown city)	357831	8.5	357792
United States/MO/Saint Louis	194878	4.6	194827
United States/MO/Springfield	160249	3.8	160234
(unknown country)/(unknown city)	154702	3.7	154675
United States/CO/Fort Collins	92175	2.2	92171
United States/AR/Russellville	78816	1.9	78803
United States/DC/Washington	49708	1.2	49702
United States/CA/Pasadena	45317	1.1	45316

Top Ten Hits by Client IP

Client IP	Hits	Hits (%)	Page views
168.166.80.221	751720	17.8	751603
168.166.80.243	366392	8.7	366165
168.166.48.53	365976	8.7	365966
168.166.48.147	171853	4.1	171848
168.166.193.254	145693	3.5	145693
168.166.48.1	92213	2.2	92208
168.166.80.248	86191	2	86180
146.7.97.6	79368	1.9	79366
173.218.180.174	78816	1.9	78803
12.156.204.66	50334	1.2	50314

Top Ten Hits by Referrer

Client IP	Hits	Hits (%)	Page views
(no referrer)	2340107	55.5	2339738
https://semorpc.maps.arcgis.com/	524371	12.4	524371
http://traveler.modot.mo.gov/	246944	5.9	246944
http://tmsmaps/	206788	4.9	206788
https://msdis.maps.arcgis.com/	128671	3.1	128671
https://douglasgis.integritygis.com/	102651	2.4	102651
http://tms/	78101	1.9	78101
https://dallasgis.integritygis.com/	71751	1.7	71751
http://www.esri.com/	68314	1.6	68314
http://semorpc.maps.arcgis.com/	47400	1.1	47400

Map Server

Hits by Month

Month	Hits	Page views	Visitors
Sept-18	194788	188544	3327
Oct-18	317199	306953	3725
Nov-18	377446	368511	4490
Dec-18	277716	267352	4658
Jan-19	366418	356781	4214

Hits by Directory

Pages/directories	Hits	Hits (%)	Page views
/arcgis/rest/services/Administrative_Boundaries/	139405	46	139405
/arcgis/rest/services/Transportation/	48841	16.1	48841
/arcgis/rest/services/MSDIS_Projects/	37410	12.4	37409
/arcgis/rest/services/TIGER_Data/	24385	8.1	24385
/arcgis/rest/services/Geological_Geophysical/	16421	5.4	16421
/arcgis/rest/services/Health/	7885	2.6	7885
/arcgis/rest/services/Water_Resources/	7363	2.4	7363
/arcgis/rest/services/Environment_Conservation/	7156	2.4	7156
/arcgis/rest/services/MOHypsographyDownloadTool/	6045	2	6045
/arcgis/rest/services/Culture_Society/	3277	1.1	3277

Top Ten Hits by Region

Region	Hits	Hits (%)	Page views
United States/MO/	126359	34.5	118578
United States/MD/	43997	12	43949
United States/NJ/	36085	9.8	36038
United States/IN/	32924	9	32760
United States/(unknown city)	15497	4.2	15212
(unknown country)/(unknown city)	14514	4	14444
United States/MI/	11257	3.1	11148
United States/CT/	9574	2.6	9532
United States/IL/	9267	2.5	9262
United States/CA/	7358	2	6948

Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/MO/Columbia	44871	12.2	38341
United States/MD/Suitland	43549	11.9	43503
United States/NJ/Woodbridge	32161	8.8	32160
United States/IN/Clarksville	30860	8.4	30770
United States/MO/Bonne Terre	20455	5.6	20455
United States/MO/Saint Louis	18782	5.1	18722
United States/(unknown city)	15497	4.2	15212
(unknown country)/(unknown city)	14514	4	14444
United States/MO/Jefferson City	9286	2.5	9191
United States/CT/Fairfield	9096	2.5	9096

Top Ten Hits by Client IP

Client IP	Hits	Hits (%)	Page views
128.206.12.147	39543	10.8	33305
75.133.145.174	20455	5.6	20455
148.129.129.172	18944	5.2	18933
54.82.108.103	16623	4.5	16623
148.129.129.173	9973	2.7	9963
148.129.71.41	9610	2.6	9602
148.129.71.156	8863	2.4	8818
148.129.129.168	8736	2.4	8724
54.224.53.45	8078	2.2	8078
24.171.5.81	6646	1.8	6646

Top Ten Hits by Referrer

Referrer	Hits	Hits (%)	Page views
https://msdis.maps.arcgis.com/	170381	46.5	170381
(no referrer)	161791	44.2	154015
https://data-msdis.opendata.arcgis.com/	13341	3.6	13341
http://limno.maps.arcgis.com/	4611	1.3	4611
https://www.arcgis.com/	4383	1.2	4383
http://msdisweb.missouri.edu/	3631	1	2306
https://bchd.maps.arcgis.com/	1392	0.4	1392
https://mdcgis.maps.arcgis.com/	823	0.2	823
https://invenergyllc.maps.arcgis.com/	804	0.2	804
http://geoportal.missouri.edu/	595	0.2	158

MSDIS Data Archive

Hits by Month

Month	Hits	Page views	Visitors
Sept-18	48990	46716	1696
Oct-18	23315	21769	1900
Nov-18	37450	35625	1802
Dec-18	36951	35677	1791
Jan-19	30863	29426	2172

Hits by Directory

Pages/directories	Hits	Hits (%)	Page views
/archive/Missouri_Vector_Data/	12510	43.6	12500
/archive/Missouri_Elevation_Data/	5642	19.7	5642
/archive/metadata_gos/	3216	11.2	3216
/archive/Missouri_Imagery/	2584	9	2584
/archive/StLouis2016LAS_TEMP/	1020	3.6	1020
/archive/Missouri_County_LiDAR/	655	2.3	655
/archive/MSDIS_Misc_Data/	615	2.1	615
/archive/MSDIS_Outbox/	75	0.3	75

Top Ten Hits by Region

Region	Hits	Hits (%)	Page views
(unknown country)/(unknown city)	7749	25.1	7659
Switzerland/(unknown city)	5999	19.4	5999
United States/CA/	4022	13	3808
United States/MO/	2605	8.4	2071
United States/MI/	2597	8.4	2583
United States/(unknown city)	1333	4.3	1218
United States/IN/	878	2.8	854
Ukraine/(unknown city)	868	2.8	868
United States/WA/	830	2.7	824
Germany/(unknown city)	533	1.7	533

Top Ten Hits by City

City	Hits	Hits (%)	Page views
(unknown country)/(unknown city)	7749	25.1	7659
Switzerland/(unknown city)	5999	19.4	5999
United States/CA/Palo Alto	2564	8.3	2559
United States/MI/Ann Arbor	2545	8.2	2545
United States/(unknown city)	1333	4.3	1218
United States/CA/Mountain View	1289	4.2	1114
Ukraine/(unknown city)	868	2.8	868
United States/WA/Bellevue	767	2.5	767
United States/IN/Indianapolis	758	2.5	758
United States/MO/Saint Louis	627	2	470

Top Ten Hits by Client IP

Client IP	Hits	Hits (%)	Page views
5.143.231.40	4097	13.3	4089
100.43.91.105	2203	7.1	2200
35.153.83.168	2135	6.9	2135
5.143.231.37	1313	4.3	1312
169.60.128.101	1246	4	1246
5.255.250.128	1196	3.9	1196
169.48.66.93	1188	3.8	1188
169.48.66.85	600	1.9	600
169.48.66.94	529	1.7	529
5.255.250.23	474	1.5	474

Top Ten Hits by Referrer

Referrer	Hits	Hits (%)	Page views
(no referrer)	26985	87.4	26294
http://msdis-archive.missouri.edu/	2939	9.5	2193
http://www.msdis.missouri.edu/	681	2.2	681
http://msdis.missouri.edu/	143	0.5	143
http://msdis.missouri.edu	84	0.3	84
https://www.google.com/	15	0	15
http://www.google.com/	8	0	8
http://data-msdis.opendata.arcgis.com/	4	0	4
http://esristl.maps.arcgis.com/	2	0	2
https://www.netcraft.com/	1	0	1