

GEOSPATIAL MATURITY ASSESSMENT 2019

Oklahoma Report Card

Overall Grade: C+

COORDINATION

GRADE: B+

STATE-LED THEMES

GRADE

Address	F
Cadastre	C
Elevation	F
Orthoimagery Leaf-Off	N/A
Transportation	A

FEDERAL-LED THEMES

GRADE

Geodetic Control	A+
Government Units	D
Hydrography	B-
Orthoimagery Leaf-On	A-

METRICS:

A - Superior

C - Average

F - Failure

B - Above average

D - Below average

N/A - Not Applicable

The National States Geographic Information Council Geospatial Maturity Assessment provides NSGIC members and other partners with a summary of geospatial initiatives, capabilities, and issues within and across state governments. The NSGIC GMA now produces report cards for each state on central data themes and coordination topics. The assessment is performed every two years.



OKLAHOMA GMA RESPONSE

I believe that our grades reflect the fact that the State of Oklahoma provides very little state resources to support the coordination and development, maintenance and delivery of the state's geospatial data. Certain themes which are the primary responsibility of individual agencies utilize mainly federal funds to support their geospatial efforts. The discussion below is provided to give a little more background in our statewide efforts with the hope of improvement in future grading. Without the state providing meaningful resources, however, we are very limited in making significant progress in many of these themes.

Coordination: Oklahoma receives no state funding to support our efforts but we do receive a small amount of funds from the agency we are housed in. These are funds, which support about 15% of two individual's salaries, are derived from federal programs that the agency manages. These funds allow us to operate and maintain our geospatial clearinghouse which is supported by an annual state/federal Homeland Security Grant. If you were to remove from all state's the points related to state funding support and paid full time staff, our score would place us in the top 5 of all states in this category.

Addresses-NG911: For our purposes, address points and NG911 are tied together since address points will be derived from our NG911 efforts. We are just embarking on implementing a NG911 program. We are working directly with the state 911 authority to develop and maintain (once completed) authoritative data layers at the statewide level that include PSAP, state, county and municipal boundaries along with a statewide address point and centerline database. We have received two 3-year grants to implement this effort which includes training of local PSAP staff on implementing the State NG911 Addressing Standard as well as maintaining their local data. We will also be creating and maintaining a web portal for PSAPs to submit their data for QA/QC analysis and inclusion in the statewide database.

Continued on page 2

OKLAHOMA GMA RESPONSE

Cadastre/Parcels: Although we do not have a program that interacts with the counties to aggregate their parcel data, we do have a state vendor that does aggregate our entire county parcel data into a statewide database. This vendor is providing this database with monthly updates to us free of charge and allows us to publish it through our state clearinghouse. Although the database is not downloadable, it can be freely viewed, individual basic parcel attributes can be accessed, viewed and printed, and the statewide coverage can be used as a base map in GIS software through our OGC WMS web service.

Orthoimagery: We do have leaf-on statewide imagery from USDA but no state funded program for leaf-off. We are very appreciative that USDA is providing this data.

Elevation: We do currently have 90-plus% statewide coverage of QL3 or better data that we have received from NRCS, USGS and FEMA. It is available through our clearinghouse API, downloadable, and WMS web service as raw LiDAR, DEM and contours. No state funds have been provided to support this effort. Without this support from the federal agencies we would be dependent on 10 meter DEMs as our statewide dataset. We are very grateful to the federal agencies for providing this data.

Mike Sharp
*State Geographic
Information
Coordinator*