

GEOSPATIAL MATURITY ASSESSMENT 2023

Michigan Report Card

Overall Grade: B+

COORDINATION

GRADE: A

STATE-LED THEMES

GRADE

Address

A-

Cadastre

B-

Elevation

A-

Orthoimagery Leaf-Off

B+

Transportation

B

NG9-1-1

A

FEDERAL-LED THEMES

GRADE

Geodetic Control

B+

Government Units

A

Orthoimagery Leaf-On

B

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 produce report cards for each state on central data themes and coordination topics. The assessment is performed every two years.



MICHIGAN GMA RESPONSE

The 2023 Geospatial Maturity Assessment (GMA) reflects Michigan's continued focus on key National Spatial Data Infrastructure geospatial themes. The GMA, conducted every two years, provides valuable insight as to where Michigan is with the standards being considered for each of the GMA data themes, and in comparison to other states. Overall, the 2023 GMA provides a fair representation for the geospatial maturity of these GIS data themes, programs and overall coordination. In a review of the 2023 results, the following are a summary of the observations.

The Michigan Statewide Authoritative Imagery and LiDAR (MiSAIL) program for orthoimagery continues to provide the foundation for statewide aerial imagery for GIS stakeholders across the State. Currently, funding allows for leaf-off imagery to be flown for a quarter of the geographic areas of the state each year. If additional funding were available for this program to fly areas of the state more frequently, this category would meet the A grade standard. The scores for address and cadastre have seen progress over the past couple of GMAs with the increased sharing of these datasets between local and state governments. In the future, with increased willingness to make these GIS data layers publicly available open data, these scores would move up additional grade steps. The transportation score was one point below the A level grade. It dipped slightly due to a few changes to the questions and this should uptick back to an A in 2025. The new NG911 category score reflects Michigan's strong coordination between the GIS and 911 stakeholders across the state to continue to improve GIS data for 911 systems.

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