GEOSPATIAL MATURITY ASSESSMENT 2021

New Jersey Report Card

Overall Grade: B+

COORDINATION	GRADE: A

STATE-LED THEMES	GRADE
Address	D+
Cadastre	A
Elevation	A-
Orthoimagery Leaf-Off	A
Transportation	A

FEDERAL-LED THEMES	GRADE
Geodetic Control	B
Government Units	A
Hydrography	A
Orthoimagery Leaf-On	C+

METRICS:

A - Superior
B - Above average
C - Average
D - Below average
F - Failure
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.

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NEW JERSEY GMA RESPONSE

We applaud NSGIC's continuing efforts to provide benchmark information measuring each state's progress in building state spatial data infrastructures, and we are glad to be able to participate.

The scoring for the address theme in this iteration of the GMA is primarily based on participation in maintenance of the state-level address data by local address authorities, which in New Jersey's case are the 565 municipal governments. There are relatively few municipalities in New Jersey that have robust GIS programs, so very few of them have created address point data. Those that we are aware of have been incorporated into our program, but the low percentage that are able to contribute leads to our low grade on this theme in this year's GMA. Because of the lack of capability at the municipal level to do the initial data creation, we have chosen to pursue a strategy of first creating a base data set of address points from statewide data sources, and once that is mostly complete, encouraging local participation in its upkeep. This has been identified as a crucial step in our preparations for Next-Generation 9-1-1 and continues to be a high priority for the state's GIS program. Our address point data is now over 80% complete and we are focusing on quality improvements and subaddress completion. Although local participation is low, the data itself is in good shape. Under the scoring rubric used in the prior GMA survey, we believe it would fall in the B+ range.

Regarding leaf-on orthoimagery, like many eastern states, we do not pursue that data because it does not meet the needs of our mapping programs and New Jersey does not do crop reporting based on imagery. For imagery, we focus our resources on leaf-off products.

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