

GEOSPATIAL MATURITY ASSESSMENT 2019

North Carolina Report Card

Overall Grade: B+

COORDINATION	GRADE: B+
STATE-LED THEMES	GRADE
Address	B
Cadastre	A+
Elevation	A-
Orthoimagery Leaf-Off	A
Transportation	A+
FEDERAL-LED THEMES	GRADE
Geodetic Control	A+
Government Units	B
Hydrography	B
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 produces report cards for each state on central data themes and coordination topics. The assessment is performed every two years.



NORTH CAROLINA GMA RESPONSE

North Carolina accepts the results represented in the Geospatial Maturity Assessment. It is very helpful for our state to gauge where we are internally and compared to the other states. The grades in large measure reflect the investments in time and financial resources over the past 10-15 years.

Leaf-off orthoimagery and cadastre are two examples where extensive coordination and business plans have yielded ongoing, funded statewide programs. Cooperation between state and local government partners has been essential to this success. Other long-term investments made in elevation, transportation and geodetic control have also yielded exemplary results.

The lower grades in the scale include addresses, hydrology, and governmental units. For the addresses layer, statewide snapshots were created with non-recurring state funds in 2009 and in 2014, respectively, yielding over five million addresses each time. Legislative support for an ongoing program occurred just as NextGen 911 efforts were beginning to ramp up. We chose to avoid duplication of efforts by deferring an update to the addresses layer, relying on the NextGen 911 process as the mechanism for an ongoing update.

Concerning the hydrology layer, North Carolina has been slow to evolve from a 1:24,000-scale statewide product to a local (higher) resolution product. However, in the past year the key agencies have considered requirements that will meet permitting and other needs. Those agencies, supported by the NC Geographic Information Coordinating Council, will lead the statewide community toward a more detailed product that meets requirements for completeness and consistency and satisfies a range of business needs.

Continued on page 2

NORTH CAROLINA GMA RESPONSE

Governmental units is a final area where we acknowledge that improvement is needed. Municipal boundaries are receiving attention currently that will deliver a better statewide data layer than currently exists.

In conclusion, North Carolina places great value in the GMA and looks forward to learning from other states in those areas where we need to improve. Thanks to the work of NSGIC we have a fresh look at where we stand individually and collectively as member states.

Tim Johnson
*Director, Center for
Geographic
Information and
Analysis*